

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE – 637 215

MANDATORY DISCLOSURE

1. COLLEGE

- | | |
|-----------------------------------------------------|------------------------------------------------------------------|
| i. Name of the College | : K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY |
| ii. Address of the site as approved by
the AICTE | : K S R KALVI NAGAR,
TIRUCHENGODE – 637 215
NAMAKKAL (Dt.) |
| iii. Telephone Numbers | : 04288 – 274745 |
| iv. Fax Numbers | : 04288 – 274745 |
| v. E-mail Id | : admin@ksriet.ac.in |
| vi. Website address | : www.ksriet.ac.in |

2. Trust / Society

- | | |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i. Name of the Trust / Society | : AARTHI EDUCATIONAL AND
CHARITABLE TRUST |
| ii. Address of the registered office | : 5/492, K.S.R. Kalvi Nagar,
Kuchipalayam (Po),
Tiruchengode
Namakkal(Dt.) |
| iii. Registration number | : 386 |
| iv. Date of registration | : 25/10/1996 |
| v. Name of the Chairman / Secretary/
Correspondent | : Mr. R. SRINIVASAN, Chairman,
Aarthi Educational and Charitable Trust
5/492, K.S.R. Kalvi Nagar,
Kuchipalayam (Po),
Tiruchengode
Namakkal(Dt.) |
| vi. Telephone numbers - | Office : 04288 – 274745 |
| | Residence : 04288 – 283983 |
| vii. Fax numbers | : 04288 – 274745 |
| viii. Mobile numbers | : 9894955555 |
| ix. E-mail | : aarthitrust@gmail.com |

3. Principal

- | | |
|--------------------------------|---------------------|
| i. Name | : Dr. M. VENKATESAN |
| ii. Qualification | : M.E., Ph.D., |
| iii. Date of Joining | : 01.07.2011 |
| iv. Telephone numbers – Office | : 04288 – 274745 |
| v. Fax numbers | : 04288 – 274745 |

vi. Mobile numbers : 99444 56056
vii. E-mail : principal@ksriet.ac.in
Residence : 04288 – 283983
viii. Residential address : 68, Brindavan Nagar Koottapalli
Tiruchengode- 637 214
Namakkal (Dt.)
viii. Mobile numbers : 9894955555
ix. E-mail : aarthitrust@gmail.com

4. **Name of the affiliating University** : Anna University, Chennai
Address : Anna University, Sardar Patel Road,
Guindy ,Chennai – 600 025
Website : www.annauniv.edu
Latest affiliation period : 2022-2023

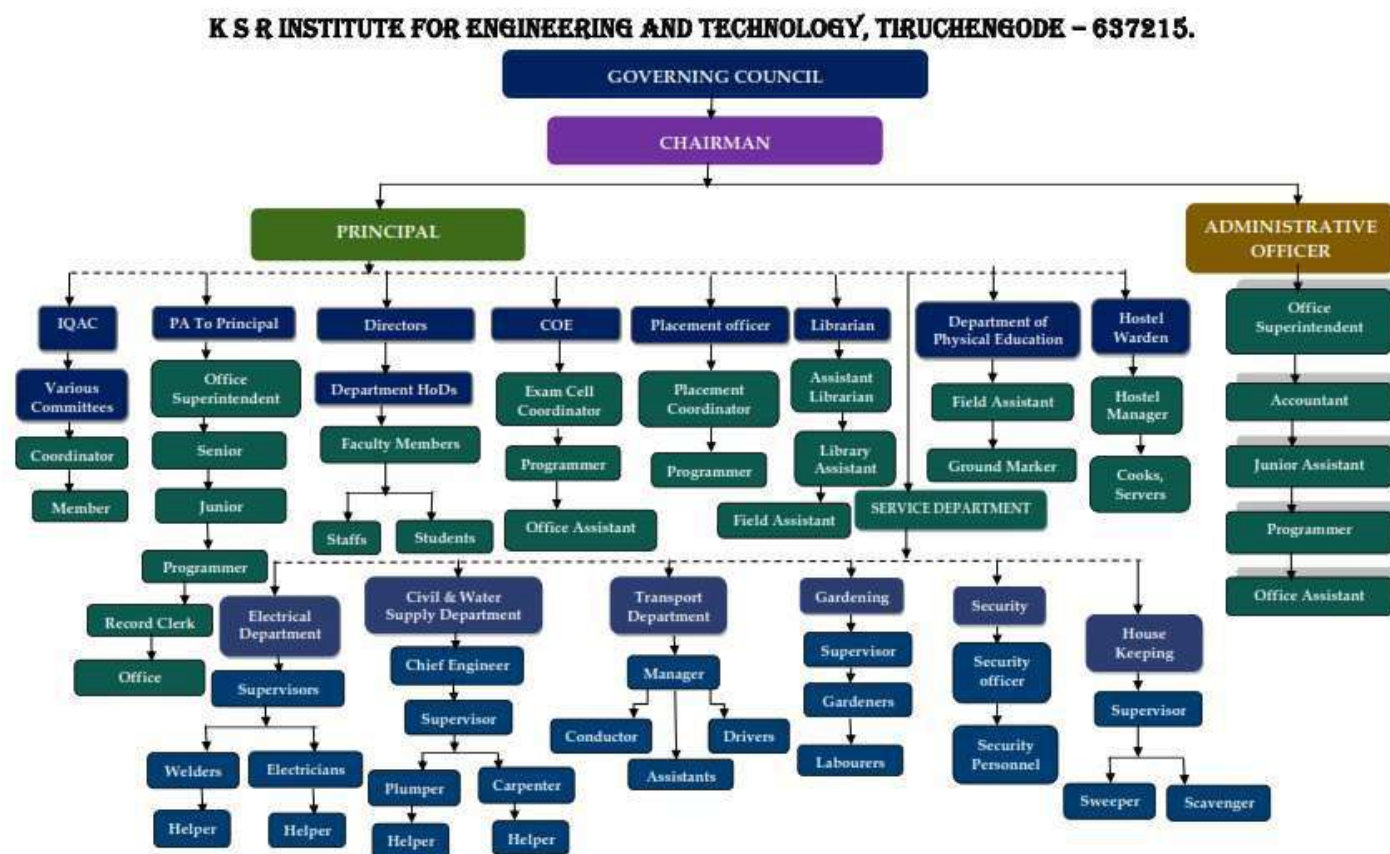
5. Governing Council

Governing Board Members

S.NO.	Name and Address	Representation
1	Thiru. R. Srinivasan, B.B.M., MISTE, 5/492, K.S.R. Kalvi Nagar, Kuchipalayam (Po), Tiruchengode – 637 215.	Chairman cum Managing Trustee
2	Tmt. Kavitha Srinivasan, M.A., M.B.A., M.Phil., 5/492, K.S.R. Kalvi Nagar, Kuchipalayam (Po), Tiruchengode – 637 215.	Member
3	Shri K.S. Sachin, 5/492, K.S.R. Kalvi Nagar, Kuchipalayam	Member
4	Member	Dr. K.Thiyagarajah CEO-KSR EI
5	Industrialist / Technologist / Educationalist from the Region	Mr. R.Sundaram Industrialist
6	AICTE Nominee	To be nominated
7	Nominee from University	To be nominated
8	Directorate of Technical Education Guindy, Chennai – 600 025.	Dr.D.Shoba Rajkumar Professor & Head- Department of CIVIL
9	Senior Faculty Member	Dr. J.C. Kannan, Professor & Director- Student Affairs Department of Physics

10	Faculty Members	Dr. P. Meenakshi devi Professor & Director-Academics Dr. R. Nandakumar, Professor & Director – Administration
11	The Principal, K S R Institute for Engineering and Technology, Tiruchengode	Member Secretary

Organizational Chart



Student feedback mechanism on Institutional Governance / faculty performance:

- **Mid Semester and End Semester** Feedbacks are received from the students in format prescribed by the university. Based on student's feedback, faculty members are asked to improve their skills through faculty development program/ staff development program, if necessary.

- Students will give their feedback on conduction of classes, laboratory, the internal assessment and other academic related matters through Class committee meetings (Three meetings per semester)
- Students will express their views and give feedback through periodical interaction with principal.

Grievance Redressal Mechanism for Faculty, Staff and Students:

Students are encouraged to express their grievances to the class Advisor/ Counselor/ Head of the Department /Head of the Institution.

- In the regular time table HOD hour (one period) is allotted to express their grievances and requirements.
- Faculty & Staff members are encouraged to express their grievances to the Head of the Department / Head of the Institution.
- Every week departmental review meetings (DRM) are conducted wherein their Grievances are addressed in addition to the regular agenda.
- In addition to the above, a suggestions box is kept in the college to get grievances and suggestions from staff & students

Online Redressal Committee Composition:

Sl. No.	Name	Category	Profession
1	Dr. M. Venkatesan, Principal	Grievance related to charging of fees	Management Interface
2	Dr. C. Muhuntarajan, Prof. & Head - English	Non-observation of AICTE norms and standards	Admin & Grievance Cell Member
3	Dr. R. Nandakumar, Director - Administration	Grievance related to Victimization	Grievance Cell Member
4	Dr. J.C. Kannan, Director – Student Affairs	Grievance related to Admission	Grievance Cell Member
5	Mr. P.S. Prakash Kumar, Asst. Prof. - IT	Grievance related to Attendance	Grievance Cell Member
6	Mr. R. Vasanthakumar, Asst. Prof. – Mech	Grievance related to harassment by students or teachers	Grievance Cell Member

7	Ms. B. Latha, Asst. Prof. – ECE	Grievance on discrimination by students from SC/ST/Minority/Women/Disabled Categories	Grievance Cell Member
8	Ms. R. Kavitha, Asst. Prof. – Mathematics	Grievance regarding non-transparent or unfair evaluation process	Grievance Cell Member
9	Mr. V. Prakasham, Asst. Prof. - CSE	Non-payment or Delay in payment of scholarships	Grievance Cell Member
10	Mr. C. Sivakumar, Asst. Prof. – EEE	Grievance related to provision of students amenities and quality education as promised or required to be provided	Grievance Cell Member
11	Mr. B. Sangameswaran, Asst. Prof. – BME	Refusal to return documents such as <u> </u> certificates	Grievance Cell Member

Grievance Redressal Committee:

S.No	Name of the Committee Members	Role
1.	Dr.M.Venkatesan, Principal	Chairman
2.	Dr. C.Muhuntharajan Head/English	Convener
3.	Dr. J.C. Kannan, Director/ Students Affair and S & H	Member
4.	Dr. P. Gopinath, Head / Mechanical	Member
5.	Dr. P. Veena, Head/EEE	Member
6.	Mr.P. Govindaraju, Head/ECE	Member
7.	Dr.M. Vimaladevi, Head/CSE	Member
8.	Dr. R. Prabu, Head / BME	Member
9.	Dr.L. Selvam, Head/IT	Member
10.	Mr. M. Asick Ali, Head / Maths	Member
11.	Dr. B. Murugesan, AP / Chemistry	Member
12.	Mr. S. Abiviruthi, Deputy Warden	Member / Boys Hostel
13.	Ms. E. Meenakshi, Deputy Warden	Member / Girls Hostel

Anti- Ragging Committee

Sl. No.	Name of the Committee	Name of the faculty	Designation	Department
1.	Nodal Officer	Dr. J.C.Kannan	Director- Student Affairs and S&H	Physics
2.	Monitoring Committee	Dr. B.Murugesan	PROF. & HEAD	Chemistry
		Mr. M.Asick Ali		Maths
		Dr. C.Muhuntarajan		English
		Dr. V. Devabharathi		Physics
3	Anti-Ragging Committee	Dr. P.Kanakarajan	ASP	Mech
		Dr. C.Santhakumar	ASP	EEE
		Mrs. M. Dharani	AP	ECE
		Mr. V.Prakasam	AP	CSE
		Ms. N. Renuka	AP	II
		Mrs. V.D. Nandhini	AP	BME
		Dr. E.Manikandan	AP	Physics
		Dr. S.Anand	AP	Chemistry
		Mrs. G. Pushpalatha	AP	Maths
		Mr. P.Mohan	AP	English
4	Anti-Ragging Squad	Dr. P. Gopinath	Gents Hostel Warden	
		Mrs. E. Meenakshi	Ladies Hostel Warden	
		Mr. S.Dharmalingam	Physical Director	
		Mr. A.S.Ramakrishnan	Chief Security Officer	
		Mr. S.Viswanathan	Security Officers	
		Mr. A.Prakash		

Student Affairs and Welfare Committee

S.No	Name	Category	Designation
1.	Dr. M. Venkatesan	Chairperson	Principal
2.	Dr. J.C. Kannan	Convener	Director-Students Affairs
3.	Mrs. R. Kavitha	Faculty Coordinator	AP / MATHS
4.	Mr. T. Sanjay	Student Member	III BME
5.	Ms. R. Shanmathi	Student Member	II BME
6.	Mr. S. shobika	Student Member	I BME
7.	Mr. S. Rakkesh	Student Member	IV CSE
8.	Ms. M. Krishani	Student Member	III CSE
9.	Ms. M. Blessy	Student Member	II CSE
10.	Ms. S. Jayashri	Student Member	I CSE-A
11.	Ms. P. Kavya	Student Member	I CSE-B
12.	Mr. S. Sownthar	Student Member	I CSE(SC)
13.	Mr. M. Kirupanithi	Student Member	IV ECE
14.	Ms. T. Ranjani	Student Member	III ECE
15.	Ms. S. Yuvashri	Student Member	II ECE
16.	Mr. S. M. Damodharan	Student Member	I ECE
17.	Mr. S. P. Karthikeyan	Student Member	IV EEE
18.	Mr. K. Yuvaraj	Student Member	III EEE
19.	Mr. P. Somnath	Student Member	II EEE
20.	Mr. A. Vellingiri	Student Member	I EEE

21.	Mr. P. Kishore	Student Member	IV MECH
22.	Mr. S. Dharun	Student Member	III MECH
23.	Mr. S. Rahamathulla	Student Member	II MECH
24.	Mr. M. S. Sowndharajan	Student Member	I MECH
25.	Ms. R. Dharshini	Student Member	IV IT
26.	Mr. T. R. Logesh	Student Member	III IT
27.	Mr. P. Ranjith kumar	Student Member	II IT
28.	Mr. M. Kaviraj	Student Member	I IT

VISHAKA – Internal Complaints Committee

S.No.	Name of the Member	Designation	Department	Representation
1	Dr. M. Venkatesan	Principal	CSE	Convenor
2	Dr..S.Agiladevi	Associate Professor	Chemistry	Presiding Officer
3	Dr.J.C.Kannan	Director-Student Affairs	Physics	Faculty Member
4	Dr. S.Premalatha	Associate Professor	ECE	Faculty Member
5	Ms.V.D.Nandhini	Assistant Professor	BME	Faculty Member
6	Ms. V.Kiruthigadevi	Assistant Professor	EEE	Faculty Member
7	Ms.P.Rathika	Assistant Professor	CSE	Faculty Member
8	Ms.N.Renuka	Assistant Professor	IT	Faculty Member
9	Mrs.P.Nithya	Programmer	Exam cell	Staff Member
10	Mr. P. Selvaraj	Lab Assistant	Chemistry	Staff Member
11	JFP.Er.A.J Saravanan	President-Elect, JCI, AJS Trust, Erode	NGO	Member
12	A.Jaishini	III Year	CSE	Student Member
13	S.Arunadevi	III Year	IT	Student Member
14	T.Sri janani	III Year	ECE	Student Member

15	T.K.Vaishnavi	III Year	BME	Student Member
16	A.A.Navethitha	III Year	MECH	Student Member
17	R.Kiruthika	III Year	EEE	Student Member

Internal Quality Assurance Cell

S.No	Name of the Committee Members	Role
1.	Mr.R.Srinivasan	Chairman
2.	Dr.M.Venkatesan, Principal	Chairperson
3.	Dr.P.Veena, Head/EEE	IQAC Coordinator
4.	Dr.P.Meenakshi Devi, Director- Academics	Member
5.	Dr.P.Murugesan, Director- IIIC &SD	Member
6.	Dr.R.Nandakumar, Director –Administration	Member
7.	Dr.R.Jeyabharath, COE	Member
8.	Dr.J.C.Kannan, Director – Student Affairs	Member
9.	Dr.P.Gopinath, Head/Mech	Member
10.	Dr.M.VimalaDevi, Head/CSE	Member
11.	Dr.L.Selvam, Head/IT	Member
12.	Mr.P.Govindaraju, Head/ECE	Member
13.	Dr.R. Prabu, Head/ BME	Member
14.	Mr.K.Ramakrishnan	Librarian
15.	Mr.S.Dharmalingam	Physical Education
16.	Ms.T.Santhose Priya Associate Manager DXC Technology, Guindy, Chennai.	Industrialist
17.	Mr.Moorthi Kanagaraj, Director, Enthu Technology Solutions Pvt Ltd, Coimbatore	Industrialist
18.	Dr.N.Sivakumaran Professor Department of Instrumentation and Control Engineering, NIT Trichy.	Academician

19.	Dr.R.Sasikala, Associate Professor & HoD School of Computer Science and Engineering, VIT University, Vellore	Academician
20.	Mr.R.Deepak R&D IS Engineer Valeo India Pvt Ltd, Navallur.	Alumni
21.	Mr.T.Anandhan F/O A.Dhanyanth Senior Lawyer 1/348 Perumal Kovil Street, Thuraiyur, Trichy.	Parent
22.	Mr. P.Kishore Kumar, IV Mech	Student
23.	Mr.M.Sanjeev Kumar, III Mech	Student
24.	Ms. K.Sudhandiradhivya, IV EEE	Student
25.	Mr.E.Karthick, III EEE	Student
26.	Ms. K.Selvabrindha, IV ECE	Student
27.	Mr.P.S.Sanjay, III ECE	Student
28.	Mr. M.Shaheem. IV CSE	Student
29.	Ms.S.Kavisini, III CSE	Student
30.	Mr. B.S.Ranjith, IV IT	Student
31.	Mr.T.R.Logesh , III IT	Student
32.	Ms. M.Keerthanadevi, III BME	Student
33.	Ms.P.Kohila , II BME	Student

6. Programmes :

❖ Programmes Approved by AICTE :

1. BE -Computer Science and Engineering
2. BE -Electrical and Electronics Engineering
3. BE -Electronics and Communication Engineering
4. BE -Mechanical Engineering
5. B.Tech- Information Technology
6. BE -Biomedical Engineering
7. BE - Computer Science and Engineering- Cyber Security
7. ME -Software Engineering
8. ME -Embedded Systems Technologies
9. ME -CAD/CAM
10. ME -Big Data Analytics

❖ Programmes Accredited by NBA:

1. BE -Computer Science and Engineering
2. BE -Electrical and Electronics Engineering
3. BE -Electronics and Communication Engineering
4. B.Tech-Information Technology

❖ Programmes Not Accredited by NBA:

1. BE -Mechanical Engineering
2. BE -Biomedical Engineering
3. BE - Computer Science and Engineering- Cyber Security
4. ME -Software Engineering
5. ME -Embedded Systems Technologies
6. ME -CAD/CAM
7. ME -Big Data Analytics

Status of Accreditation of the Courses :

S .	Name of the Course	Accreditation Status	Accreditation From	Accreditation Till	Accreditation Letter Ref No.& Date
NBA					
1	Computer Science and Engineering	Accredited	14.06.2022	30.06.2025	33-370/2017-NBA,14/06/2022
2	Electrical and Electronics Engineering	Accredited	14.06.2022	30.06.2025	33-370/2017-NBA,14/06/2022
3	Electronics and Communication Engineering	Accredited	14.06.2022	30.06.2025	33-370/2017-NBA,14/06/2022
4	Information Technology	Accredited	14.06.2022	30.06.2025	33-370/2017-NBA,14/06/2022
NAAC					
1	Computer Science and Engineering	Accredited with A+ Grade			
2	Electrical and Electronics Engineering	Accredited with A+ Grade			
3	Electronics and Communication Engineering	Accredited with A+ Grade			
4	Information Technology	Accredited with A+ Grade			
5	Mechanical Engineering	Accredited with A+ Grade			
6	ME- Software Engineering	Accredited with A+ Grade			
7	ME - Embedded Systems Technologies	Accredited with A+ Grade			
8	ME - CAD/CAM	Accredited with A+ Grade			
9	ME- Big Data Analytics	Accredited with A+ Grade			

Admission Details With Cutoff Marks :

Name of the Department	COMPUTER SCIENCE AND ENGINEERING		
Course	BE Computer Science and Engineering		
Level	Under Graduate		
1 st Year of approval by the council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	90	60	60
Year wise Actual Admission	90	63	62
Cutoff Marks/ General Quota	178.5	171.50	175.5

Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Course	BE Electrical and Electronics Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	57	53	51
Cutoff Marks/ General Quota	151.00	177.45	164

Name of the Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
Course	BE Electronics and Communication Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	57	62	51
Cutoff Marks/ General Quota	164.00	186.20	162

Name of the Department	MECHANICAL ENGINEERING		
Course	BE Mechanical Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	60	6	60
Year wise Actual Admission	46	4	23
Cutoff Marks/ General Quota	149.50	172.35	177.5

Name of the Department	INFORMATION TECHNOLOGY		
Course	B Tech Information Technology		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	63	63	60
Cutoff Marks/ General Quota	179.00	185.53	149

Name of the Department	BIOMEDICAL ENGINEERING		
Course	BE Biomedical Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2022-23	2021– 22	2020–21
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	59	63	43
Cutoff Marks/ General Quota	175.00	183.28	179

Name of the Department	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)
Course	BE Computer Science and Engineering (Cyber Security)
Level	Under Graduate
1 st Year of approval by the Council	Academic Year
	2022-23
Year wise Sanctioned Intake	60
Year wise Actual Admission	63
Cutoff Marks/ General Quota	173.50

PLACEMENT :

Name of the Department	COMPUTER SCIENCE & ENGINEERING		
Course	BE Computer Science and Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2021-2022	2020-2021	2019-2020
No. of Students Placed	33	42	35
Minimum Salary / Annum	180000	120000	108000
Maximum Salary / Annum	720000	550020	1000000
Average Pay package, Rs./year	404448.85	333439.24	271041.57

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING		
Course	BE Electrical and Electronics Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2021-2022	2020-2021	2019-2020
No. of Students Placed	19	36	37
Minimum Salary / Annum	150000	159000	120000
Maximum Salary / Annum	401988	1000000	1000000
Average Pay package, Rs./year	287472.42	284072.93	217655.83

Name of the Department	ELECTRONICS & COMMUNICATION ENGINEERING		
Course	BE Electronics & Communication Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2021-2022	2020-2021	2019-2020
No. of Students Placed	31	64	68
Minimum Salary / Annum	120000	86000	138000
Maximum Salary / Annum	401988	1000000	1000000
Average Pay package, Rs./year	301627	265306.25	293597.28

Name of the Department	MECHANICAL ENGINEERING		
Course	BE Mechanical Engineering		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2021-2022	2020-2021	2019-2020
No. of Students Placed	34	69	81
Minimum Salary / Annum	160800	150000	138000
Maximum Salary / Annum	350000	450000	365000
Average Pay package, Rs./year	204103.82	217711.3	194157.35

Name of the Department	INFORMATION TECHNOLOGY		
Course	B TECH Information Technology		
Level	Under Graduate		
1 st Year of approval by the Council	Academic Year		
	2021-2022	2020-2021	2019-2020
No. of Students Placed	27	43	31
Minimum Salary / Annum	220000	90182	180000
Maximum Salary / Annum	720000	550020	550020
Average Pay package, Rs./year	373365.07	332949.79	301370.32

RESULT STATEMENT OF LAST 3 YEARS:

Academic Year	Department	No. of Students Appeared	No. of Students Pass	Overall Pass %
2021-2022	CSE	38	39	97.4
	EEE	23	19	82.61
	ECE	37	28	78.37
	MECH	40	33	82.5
	IT	33	33	100
2020-2021	CSE	51	51	100
	EEE	46	45	97.8
	ECE	78	77	98.71
	MECH	90	87	96.6
	IT	49	49	100
2019-2020	CSE	48	48	100
	EEE	49	49	100
	ECE	81	81	100
	MECH	106	105	99
	IT	40	40	100

7. Faculty Profile : *Enclosed***Number of Faculty employed and left during the last three years:**

Academic Year	2022– 23	2021– 22	2020–21
Number of Faculty Appointed	24	23	13
Number of Faculty Relieved	20	10	3

8. Profile of the Principal : *Enclosed*

9. Fee Details :

Details of fee, as approved by State Fee Committee for the Institution:

Course	GQ	MQ
UG Engineering Programmes (Non Accredited)	Rs.50,000/-p.a	Rs.85,000/-p.a
UG Engineering Programmes(Accredited)	Rs.55,000/-p.a	Rs.87,000/-p.a
PG Engineering Programmes(Non Accredited)	Rs.50,000/-p.a	Rs.60,000/-p.a
PG Engineering Programmes(Accredited)	Rs.50,000/-p.a	Rs.60,000/-p.a

Estimated cost of Boarding and Lodging In Hostels :

- For Men's hostel - Rs. 64,000/-p.a.
- For Ladies Hostel - Rs. 62,000/-p.a.

Free & Cut Off Based Scholarship Policy:

The different fees wavier based on Cut off Marks scored in +2 Examinations are given below:

Department	Cutoff marks in +2 Examinations	Fees Wavier in Rs per year
CSE	>170	100% Fee Wavier (Including TF + Other Fees)
	>165 to <=170	42500
	>=160 to <=165	21250
SC, BME & ECE	>170	100% Fee Wavier (Including TF + Other Fees)
	>165 to <=170	40000
	>=160 to <=165	20000
EEE	>170	100% Fee Wavier (Including TF + Other Fees)
	>165 to <=170	30000
	>=160 to <=165	15000
MECH	>170	100% Fee Wavier (Including TF + Other Fees)
	>165 to <=170	27500
	>=160 to <=165	13750

SPORTS QUOTA SCHOLARSHIP POLICY

Students should have a Zonal/District, State or National player for eligible to apply the Scholarship and the different fees wavier are given below:

Department	Sports Achievement level	% of Fees Concession
B.E. – BME, CSE, ECE, EEE, SC, MECH & B. Tech. – IT	For National Level Players	75% FEE WAVIER IN TF ONLY
	For State Level Players	50% FEE WAVIER IN TF ONLY
	For Zonal /District Level Players	25% FEE WAVIER IN TF ONLY

No. of fee waivers granted with amount and name of students :-

Scholarship Details

Academic Year	Category of the Scholarship	No. of Students Benefitted	Amount Sanctioned (Rs.)	Total Amount (Rs.)
2022-2023	Free Seat	57	33,37,000	86,87,500
	Cut off Based	204	43,09,250	
	Sports	24	7,38,750	
	Aspire	11	3,02,500	
2021-2022	Free Seat	74	45,32,000	101,02,000
	Cut off Based	235	46,66,250	
	Sports	19	5,46,250	
	Aspire	13	3,57,500	
2020-2021	Free Seat	65	44,80,000	86,89,500
	Cut off Based	203	29,91,500	
	Sports	15	9,43,000	
	Aspire	10	2,75,000	
Total				274,79,000

10 . Admission :

Number of seats sanctioned with the year of approval: 2022- 2023

Sl. No	PROGRAMME	APPROVED INTAKE (2022- 23)	Year of Starting
UG PROGRAMMES			
1	BE- COMPUTER SCIENCE AND ENGINEERING	90	2011
2	BE-ELECTRICAL AND ELECTRONICS ENGINEERING	60	2011
3	BE-ELECTRONICS AND COMMUNICATION ENGINEERING	60	2011
4	BTECH-INFORMATION TECHNOLOGY	60	2011
5	BE-MECHANICAL ENGINEERING	60	2011
6	BE-BIOMEDICAL ENGINEERING	60	2020
7	BE- COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)	60	2022

PG PROGRAMMES			
1	ME-EMBEDDED SYSTEM TECHNOLOGIES	6	2012
2	ME-SOFTWARE ENGINEERING	6	2013
3	ME-CAD/CAM	6	2013
4	ME-BIG DATA ANALYTICS	6	2020

Number of Students admitted under various categories each year in the last three years

Name of the Department	COMPUTER SCIENCE & ENGINEERING		
Course	BE Computer Science and Engineering		
Number of Students Admitted in Various Categories	2022-23	2021- 22	2020-21
OC	2	01	06
BC	57	35	29
BCM	0	02	02
MBC	25	15	17
SC	5	9	8
ST	1	01	00

Name of the Department	COMPUTER SCIENCE & ENGINEERING- CYBER SECURITY		
Course	BE Computer Science and Engineering- Cyber Security		
Number of Students Admitted in Various Categories	2022-23	2021- 22	2020-21
OC	01	01	06
BC	36	35	29
BCM	02	02	02
MBC	22	15	17
SC	02	9	8
ST	0	01	00

Name of the Department	COMPUTER SCIENCE & ENGINEERING		
Course	ME Big Data Analytics		
Number of Students Admitted in Various Categories	2022- 23	2022- 23	2022- 23
OC	0	0	0
BC	0	0	0
BCM	0	0	0
MBC	0	0	0
SC	1	1	1
ST	0	0	0

Name of the Department	INFORMATION TECHNOLOGY		
Course	B TECH Information Technology		
Number of Students Admitted in Various Categories	2022-23	2021- 22	2020-21
OC	0	01	0
BC	35	29	3
BCM	0	07	0
MBC	04	03	0
SC	03	10	0
ST	0	0	0

Name of the Department	INFORMATION TECHNOLOGY		
Course	ME Software Engineering		
Number of Students Admitted in	2022-23	2021– 22	2020–21
OC	0	0	0
BC	1	1	0
BCM	0	0	0
MBC/DNC	0	0	0
SC	3	0	0
ST	0	0	0

Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Course	BE Electrical and Electronics Engineering		
Number of Students Admitted in Various Categories	2022-23	2021– 22	2020–21
OC	0	00	01
BC	26	30	10
BCM	0	01	0
MBC	25	15	06
SC	06	06	04
ST	0	0	0

Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Course	ME Embedded Systems Technologies		
Number of Students Admitted in	2022– 23	2021– 22	2020–21
OC	0	0	0
BC	2	0	01
BCM	0	0	0
MBC	1	01	0
SC	0	04	0
ST	0	0	0

Name of the Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
Course	BE Electronics and Communication Engineering		
Number of Students Admitted In Various Categories	2022-23	2021– 22	2020–21
OC	0	0	0
BC	33	29	22
BCM	01	05	02
MBC	20	22	18
SC	03	06	06
ST	0	0	0

Name of the Department	MECHANICAL ENGINEERING		
Course	BE Mechanical Engineering		
Number of Students Admitted In Various Categories	2022-23	2021– 22	2020–21
OC	00	0	1
BC	16	21	08
BCM	00	03	0
MBC	18	15	09
SC	11	06	1
ST	01	0	0

Name of the Department	MECHANICAL ENGINEERING		
Course	ME CAD/CAM		
Number of Students Admitted in	2022-23	2021– 22	2020–21
OC	0	0	0
BC	0	01	01
BCM	0	0	01
MBC	1	02	0
SC	3	03	0
ST	0	0	0

Name of the Department	BIOMEDICAL ENGINEERING		
Course	BE Biomedical Engineering		
Number of Students Admitted in	2022– 23	2021– 22	2020–21
OC	01	01	00
BC	21	24	19
BCM	02	06	00
MBC	19	20	14
SC	16	10	11
ST	0	1	0

11. Admission Procedure and Cutoff marks in the last three years:

Name of the Department	COMPUTER SCIENCE AND ENGINEERING		
Course	BE Computer Science and Engineering		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50)in Higher Secondary Examination		
Cutoff/ Last candidate admitted marks	Academic Year		
	2022– 23	2021– 22	2020–21
	90.5	87.4	80
Admission Calendar	15.11.2022	11.11.2021	04.11.2020

Name of the Department	COMPUTER SCIENCE AND ENGINEERING – CYBER SECURITY		
Course	BE Computer Science and Engineering – Cyber Security		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50)in Higher Secondary Examination		
Cutoff/ Last candidate admitted marks	Academic Year		
	2022– 23		
	82		
Admission Calendar	15.11.2022		

Name of the Department	INFORMATION TECHNOLOGY		
Course	B TECH Information Technology		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	Academic Year		
	2022– 23	2021– 22	2020–21
	88	71	80.5
Admission Calendar	15.11.2022	11.11.2021	04.11.2020

Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Course	BE Electrical and Electronics Engineering		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	Academic Year		
	2022– 23	2021– 22	2020–21
	80	122.5	80.5
Admission Calendar	15.11.2022	11.11.2021	04.11.2020

Name of the Department	MECHANICAL ENGINEERING		
Course	BE Mechanical Engineering		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	Academic Year		
	2022– 23	2021– 22	2020–21
	81	68	80
Admission Calendar	15.11.2022	11.11.2021	04.11.2020

Name of the Department	BIOMEDICAL ENGINEERING		
Course	BE Biomedical Engineering		
Admission Quota	Government Quota		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counseling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	Academic Year		
	2022– 23	2021– 22	2020–21
	79.5	101.05	80
Admission Calendar	15.11.2022	11.11.2021	04.11.2020

15. Information of Infrastructure and other resources available:

INSTRUCTIONAL AREA

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
MAIN BLOCK						
1	M001	Power System Simulation Lab	101.16	YES	YES	YES
2	M002	Embedded Lab	101.16	YES	YES	YES
3	M005	Power Electronics Lab	101.16	YES	YES	YES
4	M006	Electrical Circuits Lab	101.16	YES	YES	YES
5	M007	Control & Instrumentation Lab	101.16	YES	YES	YES
6	M008	Micro Processor and Micro Controller Lab	101.16	YES	YES	YES
7	M009	Linear Integrated Circuits Lab	101.16	YES	YES	YES
8	M010	Seminar Hall	168.61	YES	YES	YES
9	M011	Research and Development Lab & Project Lab	67.45	YES	YES	YES
10	M013	DC Machines Lab & Workshop	303.5	YES	YES	YES
11	M014			YES	YES	YES
12	M015	AC Machines Lab	202.34	YES	YES	YES
13	M101	Class Room	101.16	YES	YES	YES
14	M102	Class Room	101.16	YES	YES	YES
15	M103	Class Room	101.16	YES	YES	YES
16	M104	Class Room	101.16	YES	YES	YES
17	M105	Class Room	101.16	YES	YES	YES
18	M106	Class Room	101.16	YES	YES	YES
19	M107	Class Room	101.16	YES	YES	YES
20	M108	Class Room	101.16	YES	YES	YES
21	M109	Class Room (PG)	101.16	YES	YES	YES
22	M110	Class Room (PG)	67.45	YES	YES	YES
23	M112	Hardware Lab	101.16	YES	YES	YES
24	M113A	Engineering Practices Lab	101.16	YES	YES	YES
25	M114A	CSE Lab - 1	67.45	YES	YES	YES
26	M114B	Programming Lab	67.45	YES	YES	YES
27	M114C	Data Structure Lab	101.17	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
28	M114D	Database Management Systems Lab	101.17	YES	YES	YES
29	M114E	Operating systems Lab		YES	YES	YES
30	M115A	CSE Lab – 2	67.45	YES	YES	YES
31	M115B	Networks and Security Lab	67.45	YES	YES	YES
32	M115C	Case Tools Lab	67.45	YES	YES	YES
33	M115D	Internet Programming Lab	67.45	YES	YES	YES
34	M116	Department Library – CSE	101.17	YES	YES	YES
35	M201	Tutorial Room (UG)	67.45	YES	YES	YES
36	M202	Tutorial Room (UG)	67.45	YES	YES	YES
37	M203	Seminar Hall	168.61	YES	YES	YES
38	M205	Drawing Hall – I	67.45	YES	YES	YES
39	M206	Drawing Hall – II	134.94	YES	YES	YES
40	M207	Class Room	101.16	YES	YES	YES
41	M208	Class Room	101.16	YES	YES	YES
42	M209	Tutorial Room (PG)	67.45	YES	YES	YES
43	M211	Class Room	101.16	YES	YES	YES
44	M212	Department Library – IT	101.16	YES	YES	YES
45	M213A	Programming and Data structures Lab	67.45	YES	YES	YES
46	M213B	Operating systems Lab	67.45	YES	YES	YES
47	M214A	Networks & MAD Lab	101.17	YES	YES	YES
48	M214B	CASE Tools & Compiler Lab	101.16	YES	YES	YES
49	M215	Classroom	101.16	YES	YES	YES
50	M301	Networks and Communication Lab	185.50	YES	YES	YES
51	M302	Microprocessors and Embedded Lab	134.89	YES	YES	YES
52	M303A	Electronic Devices Lab	67.45	YES	YES	YES
53	M303B	Electronic Circuits Lab	67.45	YES	YES	YES
54	M304	Integrated Circuits Lab	303.52	YES	YES	YES
55	M305	Class Room	101.16	YES	YES	YES
56	M306	Optical and Microwave Lab	134.89	YES	YES	YES
57	M307	Project and Research Lab	134.89	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
58	M309	Mathematics Lab	134.94	YES	YES	YES
59	M310	Department Library - ECE	67.45	YES	YES	YES
60	M311A	DSP and VLSI Design Lab	101.17	YES	YES	YES
61	M311B	Data Mining and Security Lab	101.17	YES	YES	YES
62	M311C	Computer Programming Lab		YES	YES	YES
63	M312	Class Room	101.16	YES	YES	YES
64	M401B	Chemistry Lab	236.05	YES	YES	YES
65	M402A	Physics - Store and Dark Room	33.73	YES	YES	YES
66	M402B	Physics Lab	236.05	YES	YES	YES
67	M404	Class Room	101.16	YES	YES	YES
68	M405	Class Room	101.16	YES	YES	YES
69	M408	Class Room	101.16	YES	YES	YES
70	M409	Tutorial Room (UG)	67.45	YES	YES	YES
71	M411	English - Language Lab	236.05	YES	YES	YES
72	M413	Class Room	101.16	YES	YES	YES
73	M414	Training / Conference Hall	67.45	YES	YES	YES
MECHANICAL BLOCK						
1	MIC 001A	Thermal Engineering Lab - I	128.48	YES	YES	YES
2	MIC 001B	Thermal Engineering Lab - II	128.48	YES	YES	YES
3	MIC 002	Strength of Material Lab	143.12	YES	YES	YES
4	MIC 003	Basic Workshop	253.71	YES	YES	YES
5	MIC 004	Manufacturing Technology Lab - I	280.2	YES	YES	YES
6	MIC 006	CAM Lab	74.34	YES	YES	YES
7	MIC 007	Manufacturing Technology Lab - II	276.02	YES	YES	YES
8	MIC 008A	Fluid Mechanics Lab	117.1	YES	YES	YES
9	MIC 008B	Fluid Machinery Lab	117.1	YES	YES	YES
10	MIC 101	Class Room	107.3	YES	YES	YES
11	MIC 102	Class Room	107.3	YES	YES	YES
12	MIC 103	Class Room	107.3	YES	YES	YES
13	MIC 107	Mechatronics Lab	91.97	YES	YES	YES
14	MIC 108	Dynamics Of Machinery Lab	91.97	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
15	MIC 109	Metrology & Measurements Lab	91.97	YES	YES	YES
16	MIC 111A	Grid & Cloud Computing Lab	92	YES	YES	YES
17	MIC 111B	Project Lab	92	YES	YES	YES
18	MIC 111C	CSE Research Lab	92	YES	YES	YES
19	MIC 112A	Computer Aided Draft Modeling Lab	92	YES	YES	YES
20	MIC 112B	Simulation and Analysis Lab	92	YES	YES	YES
21	MIC 112C	CAD/CAM Lab	92	YES	YES	YES
22	MIC 201	Class Room	107.3	YES	YES	YES
23	MIC 202	Class Room	107.3	YES	YES	YES
24	MIC 203	Class Room	107.3	YES	YES	YES
25	MIC 204	Class Room	107.3	YES	YES	YES
26	MIC 205	Class Room	107.3	YES	YES	YES
27	MIC 206	Class Room	107.3	YES	YES	YES
28	MIC 207	CAD/CAM - Research Lab	138.01	YES	YES	YES
29	MIC 208	Tutorial Room	138.01	YES	YES	YES
30	MIC 211	Seminar Hall	190.33	YES	YES	YES
31	MIC 301	Class Room	107.3	YES	YES	YES
32	MIC 302	Class Room	107.3	YES	YES	YES
33	MIC 303	Class Room	107.3	YES	YES	YES
34	MIC 304	Tutorial Room	107.3	YES	YES	YES
35	MIC 305	Exam Hall	214.68	YES	YES	YES
36	MIC 306	Drawing Hall	138.01	YES	YES	YES
37	MIC 307	Additional Workshop	138.01	YES	YES	YES
38	MIC 309	Computer Center	506.04	YES	YES	YES
39	MIC 310	Seminar Hall	190.33	YES	YES	YES
40	MIC 401	Class Room	107.3	YES	YES	YES
41	MIC 402	Class Room	107.3	YES	YES	YES
42	MIC 403	Class Room	107.3	YES	YES	YES
43	MIC 404	Class Room	107.3	YES	YES	YES
44	MIC 405	Exam Hall	214.68	YES	YES	YES
45	MIC 406	Additional Workshop	276.02	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
46	MIC 408	Exam Hall	506.04	YES	YES	YES
47	MIC 409	Seminar Hall	190.33	YES	YES	YES
48	MIC 501	Tutorial Room	107.3	YES	YES	YES
49	MIC 502	Tutorial Room	107.3	YES	YES	YES
50	MIC 503	Seminar Hall	107.3	YES	YES	YES
51	MIC 504	Seminar Hall	107.3	YES	YES	YES
52	MIC 507	Exam Hall	230.01	YES	YES	YES
53	MIC 509	Gallery Hall	552.04	YES	YES	YES
ADMINISTRATIVE BLOCK						
1	A101	Library	457.81	YES	YES	YES
2	A102	Gallery Hall	441.36	YES	YES	YES
3	A201	Library	457.81	YES	YES	YES
4	A202	Seminar Hall	457.81	YES	YES	YES
TOTAL = 17708.97 Sq.m.						

ADMINISTRATIVE AREA

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
MAIN BLOCK						
1	M003	Entrepreneurship Development Cell	33.72	YES	YES	YES
2	M004	Department Library - EEE	67.45	YES	YES	YES
3	M011A	Electrician Room & UPS Room	67.45	YES	YES	YES
4	M012B	Central Store	16.35	YES	YES	YES
5	M016	Board Room	67.45	YES	YES	YES
6	M017	Department of EEE	67.45	YES	YES	YES
7	M018	EEE - Faculty Room	168.61	YES	YES	YES
8	M020	Central Store	8.17	YES	YES	YES
9	M021	Central Store	8.17	YES	YES	YES

S.NO	Room	Room type (mention class room/ Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
10	M023	Security Room	10.21	YES	YES	YES
11	M111A	Physical Education	16.35	YES	YES	YES
12	M117	Department of CSE	33.72	YES	YES	YES
13	M118	CSE - Faculty Room	134.89	YES	YES	YES
14	M119	Meeting Hall	67.45	YES	YES	YES
15	M120	Central Store	8.17	YES	YES	YES
16	M121	Central Store	8.17	YES	YES	YES
17	M204	Examination Control Office	168.75	YES	YES	YES
18	M210A	Stationary Store	16.35	YES	YES	YES
19	M216	Department of IT	168.45	YES	YES	YES
20	M217	Meeting Hall	67.45	YES	YES	YES
21	M308A	Staff Recreation Club	16.35	YES	YES	YES
22	M313	Department of ECE	67.45	YES	YES	YES
23	M313A	Faculty Cabin	168.45	YES	YES	YES
24	M314	Meeting Hall	67.45	YES	YES	YES
25	M315	Maintenance Room	8.17	YES	YES	YES
26	M316	Maintenance Room	8.17	YES	YES	YES
27	M401A	Faculty Room - Chemistry	33.73	YES	YES	YES
28	M401C	HoD Room - Chemistry	33.73	YES	YES	YES
29	M402C	HoD Room & Faculty Room - Physics	67.45	YES	YES	YES
30	M407A	NSS Office	16.35	YES	YES	YES
31	M410A	HoD Room - English	33.73	YES	YES	YES
32	M410B	Faculty Room -English	67.45	YES	YES	YES
33	M412	Industry – Institute Interaction Cell	202.33	YES	YES	YES
34	M415	House Keeping	8.17	YES	YES	YES
35	M416	House Keeping	8.17	YES	YES	YES
MECHANICAL BLOCK						
1	MIC104	Department office – MECH	71.56	YES	YES	YES
2	MIC105	Faculty Room - MECH	178.9	YES	YES	YES
3	MIC106	HoD Room - MECH	71.56	YES	YES	YES
4	MIC210	Training & Placement Cell	506.04	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
ADMINISTRATIVE BLOCK						
1	A001	Principal Room	173.77	YES	YES	YES
2	A002	Office Room	165.96	YES	YES	YES
3	A003	Reception	11.79	YES	YES	YES
4	A004	Network and Data Centre	32.05	YES	YES	YES
5	A005	Conference Hall	64.51	YES	YES	YES
6	A006	Pantry for Staff	25.61	YES	YES	YES
TOTAL = 3313.68 Sq.m.						

AMENITIES AREA

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
MAIN BLOCK						
1	M012A	Toilet Gents	134.89	YES	YES	YES
2	M012B	Toilet Handicapped	16.35	YES	YES	YES
3	M019	Toilet (Gents)	67.45	YES	YES	YES
4	M022A	Toilet (Ladies)	56.21	YES	YES	YES
5	M022B	Toilet Handicapped	11.24	YES	YES	YES
6	M111	Toilet (Gents)	134.89	YES	YES	YES
7	M122	Toilet (Ladies)	67.45	YES	YES	YES
8	M210	Toilet (Gents)	134.89	YES	YES	YES
9	M218	First Aid Cum Sick Room	8.17	YES	YES	YES
10	M219	First Aid Cum Sick Room	8.17	YES	YES	YES
11	M220	Toilet (Ladies)	67.45	YES	YES	YES
12	M308	Toilet (Gents)	134.89	YES	YES	YES
13	M317	Toilet (Ladies)	67.45	YES	YES	YES
14	M403	Girls Common Room	67.45	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
15	M406	Girls Common Room	67.45	YES	YES	YES
16	M407	Toilet (Gents)	134.89	YES	YES	YES
17	M417	Toilet (Ladies)	67.45	YES	YES	YES
MECHANICAL BLOCK						
1	MIC 005	Toilet (Gents)	101.16	YES	YES	YES
2	MIC 110	Toilet (Gents)	101.16	YES	YES	YES
3	MIC 209	Toilet (Ladies)	101.16	YES	YES	YES
4	MIC 308	Toilet (Gents)	101.16	YES	YES	YES
5	MIC 407	Toilet (Gents)	101.16	YES	YES	YES
6	MIC 505	Common Boys Room	107.3	YES	YES	YES
7	MIC 506	Common Boys Room	107.3	YES	YES	YES
8	MIC 508	Toilet (Gents)	101.16	YES	YES	YES
ADMINISTRATIVE BLOCK						
1	A006a	Toilet (Gents)	6.69	YES	YES	YES
2	A006b	Toilet (Ladies)	6.69	YES	YES	YES
TOTAL = 2081.68 Sq.m.						

CIRCULATION AREA

S. No.	Area	Room No.	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
1.	Main, Admin & MIC Block	CO	G + 4 Floors (Corridors) & Portico – Main	5091.56	Yes	Yes	Yes
		CO	G + 1 Floor (Corridors) & Portico – Admin	382.31	Yes	Yes	Yes
		CO	G + 5 Floors (Corridors) & Portico – MIC	9525.3	Yes	Yes	Yes

		SC	Staircase (Main)	885.63	Yes	Yes	Yes
		SC	Staircase (MIC)	781.23	Yes	Yes	Yes
TOTAL AREA = 16666.03 Sq.m.							

OTHERS AREA

S. No.	Room No.	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
1	CA001	Cafeteria	379	Yes	Yes	Yes
2	BH1	Boys Hostel	2044	Yes	Yes	Yes
3	GH2	Girls Hostel	3066	Yes	Yes	Yes
4	PQ	Principal Quarters	186.05	Yes	Yes	Yes
5	SE	Sports Club, Gymnasium	320	Yes	Yes	Yes
6	GH	Guest House	496	Yes	Yes	Yes
7	FH	Founder Hall (Auditorium)	1207	Yes	Yes	Yes
TOTAL AREA = 7698.05 Sq.m.						

Number of Computer Centers with capacity of each :

DEPARTMENT	COUNT	SERVER	TOTAL
COMPUTER SCIENCE & ENGINEERING	220	4	845
INFORMATION TECHNOLOGY	192	-	
ELECTRONICS & COMMUNICATION ENGINEERING	124	-	
ELECTRICAL & ELECTRONICS ENGINEERING	53	1	
MECHANICAL ENGINEERING	73	1	
MATHEMATICS LAB	15	-	
ENGLISH LANGUAGE LAB	77	1	
CENTRAL LIBRARY	56	-	
OTHERS	28		
TOTAL	838	7	

Occupancy Certificate : *Enclosed*

Central Library

S. No.	Library Resources	Numbers
1	Library Text and Reference books	27651 Vols.
2	National Journals	62
3	International Journals	60
4	Magazines	21
5	Back volumes	536
6	Educational CD/DVD's	32
7	Project Reports	480
8	Question Bank	34
9	News Papers	9

Open Access Resources

COURSEWARE	LINKS
NPTEL	http://nptel.ac.in/
SAKSHAT	http://www.sakshat.ac.in
Coursera	http://www.coursera.org
Teachertube	http://www.teachertube.com/
Co Learn	http://www.co-learn.in/
IITM	https://www.iitm.ac.in/
MIT	http://ocw.mit.edu
Egyankosh	http://www.egyankosh.ac.in
IISC	http://www.iisc.ac.in/
W3 Schools	http://www.w3schools.com/
Open Library	http://openlibrary.org/

Open Access E-Journals

URL LINKS	CONTENT
https://doaj.org/	Doja database contains over 15 000 peer-reviewed open access journals covering all areas of science, technology, medicine, social sciences, arts and humanities
http://www.opendoar.org/	International Journals, Research Articles
https://www.ias.ac.in/	Science and Humanities – Indian journals
http://nopr.niscair.res.in/	Now access full text articles from research journals published by CSIR-NISCAIR! Full text facility is provided nineteen research journals viz. ALIS, AIR, BVAAP, IJBB, IJBT, IJCA, IJCB, IJCT, IJEB, IJEMS, IJFTR, IJMS, IJNPR, IJPAP, IJRSP, IJTK, JIPR, JSIR & JST and Magazines viz. Science Reporter , Vigyan Pragati, Science Ki Duniya and a Natural Products Repository (NPARR).

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http://www.iete.org/publications.htm	Electrical and electronics subjects
http://www.oajse.com/	We can search and retrieve the Chapters from Books, Ph.D. (Doctoral) Thesis and other available sources in India
Highwire Press Journals	HighWire by the numbers Publications:370 Articles:7,659,003, Free full-text articles: 2,434,604 Pay-per-view access
http://www.indianjournals.com/ijor.aspx	Subjects covered Engineering and science and humanities – Indian journals

S. No.	E- THESES - Links
1	http://shodhganga.inflibnet.ac.in/
2	http://pqdtopen.proquest.com/
3	http://www.mgutheses.in/
4	http://www.ndltd.org/

DIGITAL LIBRARY

S. No.	Digital Library - Links
1	http://nsdl.org/
2	http://nopr.niscair.res.in/
3	http://www.vlib.org/
4	http://www.opendoar.org/find.php
5	http://www.wdl.org
6	http://www.loc.gov

Library E- Resources

S. No.	E- Journals	E- Books
1	IEEE (ASPP) = 206	EBSCO - Core Engineering E-books = 6100
2	DELNET = 426	DELNET E- Books = 10839 For all disciplines

Open Access E-Books

E-BOOKS - Links
http://www.freebookcentre.net/
http://pdfsb.net/
http://www.e-booksdirectory.com/
http://www.freebookspot.es/
http://www.audible.com/
www.baenebooks.com/

http://www.freetchbooks.com/
http://www.getfreebooks.com/
http://digital.library.upenn.edu/
http://4ebooks.org/
http://www.getfreebooks.com/
http://www.springeropen.com/books/
http://www.ibiblio.org/
http://www.e-booksdirectory.com/listing.php?category=73/
http://freecomputerbooks.com/
http://www.freebookspot.es/
http://www.freetchbooks.com/
http://www.e-booksdirectory.com/listing.php?category=108
http://www.audible.com/t1/PBRP0329WS022409?source_code=PBRP0310WS012709
http://booksandjournals.brillonline.com/content/books
http://www.e-booksdirectory.com/listing.php?category=118
http://darwin-online.org.uk/
http://www.doabooks.org/
http://www.ebooklobby.com/
http://www.baen.com/library/
http://www.e-booksdirectory.com/listing.php?category=146
http://www.bookyards.com/

Links to E- Resources

S. No	E-Journal Database	E-Resources	URL Address
1	IEEE (ASSP Package)	E-Journals	https://ieeexplore.ieee.org
2	EBSCO - Core Engineering E- books	E-Books	https://search.ebscohost.com/login.aspx?authtype=ip,uid&
3	DELNET	E-Books and E-Journal	http://delnet.nic.in/publications.htm

Library Books - Branch Wise

S. No	Branch/Course	Number of Titles	Number of Volumes
1	B.Tech IT	668	3003
2	B.E BME	132	780
3	B.E CSE	826	3050
4	B.E ECE	837	3493
5	B.E EEE	716	3298
6	B.E MECH	779	4910
7	M.E. BDA	105	308
8	M.E. EST	143	1125
9	M.E. SE	198	1105
10	M.E.CAD/CAM	103	1450
11	SCI & HUMANITIES	638	3018
12	GEN	894	1111
13	PLACEMENT TRAINING	449	1000
	TOTAL	6488	27651

National International Journals - Branch wise

S. No		Branch / Subject	Number of Journals	
			National	International
1		B.Tech IT	6	6
2		B.E BME	6	6
3		B.E CSE	6	6
4		B.E ECE	6	6
5		B.E EEE	6	6
6		B.E MECH	6	6
7		M.E. BDA	6	6
8		M.E. EST	6	6
9		M.E. SE	6	6
10		M.E.CAD/CAM	6	6
11		SCI & HUMANITIES	2	-
Total			62	60

Computing Facilities :

Application Software

1. Ms Office 2007 2010
2. TURBO C Version 3
3. Oracle liG
4. Microsoft Visual Studio 2008
5. Rational Suite
6. Argo UML
7. Eclipse IDE
8. Net Beans 6.8
9. Network Simulator NS2
10. GloMoSim 2.0
11. OPNET
12. Tomcat 6
13. JDK
14. j2SE
15. J2SDK 1.4.2
16. JDE 7.0
17. Adobe Reader 11
18. PHP Designer 7
19. SMADAV 2013 ire -(Twenty)
20. WinRAR 4
21. MySql 5.1
22. DB2
23. Microsoft Essential Security
24. VM Ware
25. Hi Class Software
26. Master CAM X6

27. MAT Lab 13b
28. ANSYS Version 14.5
29. Pro E
30. Auto CAD
31. Microwind
32. SPICE Simulation Tool Multisim
33. Snort
34. N Stalker
35. WAMP XAMPP
36. Selenium
37. Knit
38. Apache JMeter
39. LabVIEW Full Development system with measurement studio

System Software

1. WINDOWS SERVER 2003 2008 2012 R2 2016 Server
2. WINDOWS 7,8,10
3. CENT OS
4. SOPHOS FIREWALL

Hardware Facilities

Internet Bandwidth	80 Mbps
Number of Systems	845
Configuration	Core i5, Core i3, Core 2 Quad, Core 2 Duo, Dual Core
Total number of system connected by LAN	845
Total number of system connected by WAN	845

FACILITIES FOR OUTDOOR GAMES

S.NO	LIST OF GAMES	NO.OF COURTS
1	Athletics	Standard 400m track with 8 lanes
2	Cricket field	1
3	Foot Ball field	1
4	Hockey Field	1
5	Basket Ball Court with flood lights	1
6	Volley Ball Court	1
7	Kabaddi Court	1
8	Tennis Court with flood lights	1
9	Ball Badminton Court	3

FACILITIES FOR INDOOR GAMES

S.NO	LIST OF GAMES	QTY
1	Table Tennis	2
2	Chess	5
3	Badminton Court with wooden flooring & flood lights 3 Nos	1

FACILITIES FOR GYMNASIUM

S.NO	Equipment	Qty	S.NO	Equipment	Qty
1	Four Station Multi Gym	01	8	H-Bar	01
2	T-Bar	01	9	Iron Bar	01
3	Seated Calf Machine	01	10	Leg Press	01
4	Abdominal Machine	01	11	Pull Worker	01
5	Incline Bench	01	12	Iron Plates/cyber Plates	05 Sets/06 sets
6	Decline Bench	01	13	Parallel Bar	01
7	Flat Bench	01	14	Horizontal Bar	01

SWIMMING POOL

KSR IET has a swimming pool which follows continuous circulation type with prescribed standard quality tolerances (Physical, Chemical and Bacteriological) for water.

FACILITIES FOR CULTURAL ACTIVITIES

An AC auditorium 4749.034 Sq m., eight seminar halls each of 1580.62 sq.m available for purpose of practice and performance of different cultural activities like dance, drama, music etc. The college band set comprises Electronic keyboard, Manual Drums Kit, Digital Drum pad, Lead guitar, Bass guitar and Amplifying speakers. The College is conducting cultural events through Music and Cultural club every week. The students are encouraged to participate in the events conducted by other institutions and academy.

YOGA CENTRE

A separate A/C hall of 168.61 sq.m can accommodate 50 students per batch. Yoga practice is facilitated in boy's and girl's hostel with area of 201.39 and 47.37sq.m.respectively. One qualified Yoga instructor, computer and sound system are made available.

ENTREPRENEURSHIP DEVELOPMENT CELL

Objectives of EDC are,

- To promote knowledge about Entrepreneurship.
- To create social awareness among the faculties and students by conducting various seminars and Programmes
- To conduct the training programs about Entrepreneurship.
- To create entrepreneur by Entrepreneurship Development Programs.
- To provide a platform to start-up Entrepreneurship.

Mechanical Engineering Laboratories



Electronics and Communication Engineering Laboratories



Computer Science and Engineering Laboratories



Electrical and Electronics Engineering Laboratories



Information Technology Laboratories



Smart Class Room



Library Facilities



Hostel Facilities



Gymnasium



Indoor Stadium



Swimming Pool



Outdoor Sports Facilities



Medical Facilities




Transport



Guest House



DEPARTMENT OF BME

Name	Dr. R. Prabu,		
Department	Biomedical Engineering		
Qualification	B.E., M.Tech., Ph.D		
Area of Specialization	Biomedical Image Processing, Electrical Impedance Tomography		
Date of Joining (KSRIET)	01.07.2021		
Experience (as on 01.08.2021)	Teaching: 11	Industry: 8.3	Others: 00
Number of Paper Published	National Journals : 00		International Journals :05
Number of Paper Presented	National Conference : 14		International Conference : 02
Books Published	National Publisher : 00		International Publisher : 00
Patent Published	National : 01		International : 00
Contact details	E mail: prathinam11@gmail.com, hod_bme@ksriet.ac.in Mobile :9486410610		

Publications (International Journals)

1. R. Harikumar, R. Prabu and S. Raghavan, "Electrical impedance tomography (EIT) and its medical applications: A review", *Int. J. Soft Comput. Eng.*, 2013, vol. 3, no. 4, pp. 193-198.
2. R. Harikumar and R. Prabu, "Electrical Impedance Tomography (EIT) image Classification Using GLCM Based Feature Extraction in Artificial Neural Network (ANN)", *International Journal of Applied Engineering Research*, 2015, Vol. 10, no. 38, pp. 28828-28833,
3. R. Prabu, R Harikumar, and S Raghavan, "Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", *Asian Journal of Research in Social Sciences and Humanities*, 2016, vol. 6, no. 8, pp. 381-389.
4. R. Prabu, and R Harikumar, " A Performance Analysis of GA-ELM Classifier in Classification of Abnormality Detection in Electrical Impedance Tomography (EIT) Lung Images Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", *Asian Journal of Research in Social Sciences and Humanities*, 2016, vol. 6, no. 6, pp. 1935-1948.

5. R. Prabu and R. Harikumar, "A Performance Analysis of GA-ELM Classifier in Classification of Abnormality Detection in Electrical Impedance Tomography (EIT) Lung Images", *Journal of Scientific & Industrial Research*, 2016, vol. 75, pp. 404-411.
6. R. Prabu, A. Priyadharshini, J. Sasi, V. Shankar, and A. Sridevi, "Analysis of Psycho Physiological State under Different Stimulus Using Galvanic Skin Response", *International Journal of Scientific Progress and Research (BSIP-2018)*, 2018, pp 27-30.

Publications (International Conferences)

1. Dr. N.Jeyashanthi, Dr. P.Ravikumar, Dr.R.Prabu and K.S. Kausalya devi, "Synthesis of Herbal biomaterial cloth for human injuries", International Conference on future prospects of Biotechnology and Biomedical applications (ICFBB 2020), 18th& 19th December 2020.
2. Dr. N.Jeyashanthi, Dr. P.Ravikumar, Dr.R.Prabu and K.S. Kausalya devi, "Automated control of CPM machine by using NIRS", International Conference on future prospects of Biotechnology and Biomedical applications (ICFBB 2020), 18th&19th December 2020.

Publications (National Conferences)

1. Prabu R, "Data collection system for Electrical Impedance Tomography", National Conference on Applications of Nanotechnology in Biomedical systems, March 2012.
2. Prabu R, "Finite Element modeling using MATLAB", National Conference on Engineering Innovations in Medical Technology, March 2013.
3. Prabu R, "LabVIEW based Cardiac patient monitor", National Conference on Engineering Innovations in Medical Technology, March 2013.
4. Prabu R, Neenu Varghese, Sakthibalan "Signal processing and analysis of Bioelectrical signals of Human retina (ERG) using LABVIEW", National Conference on Engineering Innovations in Medical Technology, March 2014.
5. Prabu R, Eunice Esther Lovely, HariKrishna N, Sethulekshmi S and Sukin kumar K M, "Detection of leukemia in human blood sample", National conference on Trends in Engineering Applications and Management '15, April 2015.
6. Prabu R, Dhivya M, Meenakshi B, Melby Arshel and Neethu Joseph, "Haralick texture analysis of lymphocytes identification in WBC", National conference on Trends in Engineering Applications and Management '15, April 2015.
7. Prabu R, Nayana Das H, Pavithra G, Priya M and Jananisri S, "False Positive Reduction in Mammographic masses using CCA", National conference on Trends in Engineering Applications and Management '16, March 2016.
8. Prabu R, Anbarasi T, Hemalatha R, Naveena M and Santhiya R, "Fold and Go Knee Scooter", National conference on Trends in Engineering Applications and Management '17, March 2017.
9. Prabu R, Sridevi A, Priyadharshini A, Sasi A, and Shankar V, "Acquiring and Analysing of GSR signals", National conference on Trends in Engineering Applications and Management '18, March 2018.
10. Prabu R, Baarathi A, Harshavardhan, Indhumathi A and Miruthubasini N, "Flipside Method for Scorch wound dressing", National conference on Trends in Engineering Applications and Management '18, March 2018.

11. R Prabu, A Sridevi, A Priyadharshini, J Sasi, and V Shankar, "Analysis of Psycho Physiological State under Different Stimulus Using Galvanic Skin Response", National Conference on Biomedical Signal and Image Processing (BSIP-2018), 2018, pp. 27-30.
12. Prabu R, Aishwarya M D, Kiruthika M, Lavanya S and Manojkumar V, "EEG Based Emotion detection", National conference on Trends in Engineering Applications and Management '19, March 2019.
13. Prabu R, Ranjitha P, Sri Sapna R and Jansi M, "Hookworm detection in wireless capsule endoscopy images using deep learning", National conference on Trends in Engineering Applications and Management '19, March 2019.
14. Prabu R., Pavithra I, Sethupathi S, Silambarasan K, Soundharyaa N, "Low cost PC based stress test system", National Conference on Enhancement in Biomedical Engineering and healthcare -2020, 4th & 5th March 2020.

LIST OF LECTURES/KEYNOTES DELIVERED

S.No.	Programme type	Venue	Date
1.	Lecture on "Basic of signal processing" in ICMR sponsored National Seminar on Advancement in Medical Electronics	Vivekananda College of Engineering for Women, Tiruchengode	03.03.2015
2.	Lecture on "Basics of Electrocardiograph" in one week Anna University Sponsored Faculty Development training Programme on BM6504 Biomedical Instrumentation	Sri Ramakrishna Engineering College, Coimbatore	09.06.2016
3.	Lecture and Lab demo on "Biomedical Instruments and Diagnostic and Therapeutic equipment" in DBT sponsored one day national level Workshop on Biomedical Instrumentation	Vellalar college for Women	22.12.2017
4.	Lecture and Lab demo on "Biomedical Instruments and Diagnostic and Therapeutic equipment" in One day national level Workshop on Biomedical Instrumentation	Vellalar college for Women	16.02.2019
5.	Lecture and Lab demo on "Biomedical Instrumentation" for Kongu Vellalar Polytechnic College students	Velalar College of Engg and Technology	17.02.2019
6.	Lecture on "Fundamentals of Ventilators" in Two days national level Workshop on Maintenance of Intensive Care Monitors	Velalar College of Engineering and Technology	26.09.2012
7.	Lecture on Fundamentals of Anesthesia Monitors in Three days national level Workshop on Maintenance and Service of Medical Equipment for Aspiring Medical and Allied Entrepreneur	Velalar College of Engineering and Technology	27.02.2013
8.	Lecture on Fundamentals of Signals in	Velalar College of	09.02.2015

	two days national level Workshop on BioSignal Processing using MATLAB	Engineering and Technology	
9.	Lecture on GSR and Basics of Ventilators in Five days national level FDP on Biomedical Instrumentation	Velalar College of Engineering and Technology	09.06.2015
10.	Lab Demo on Biomedical Instruments and Diagnostic and Therapeutic equipment's in Three days national level FDP on Medical Electronics	Velalar College of Engineering and Technology	2.12.2016
11.	Lecture on Biosignal Acquisition in Two days national level Workshop on MATLAB and its Applications	Velalar College of Engineering and Technology	21.09.2017
12.	Lecture on Fundamentals of MATLAB in Four days national level VAC on Introduction to MATLAB for Engineering students	Velalar College of Engineering and Technology	19.12.2017

LIST OF TRAINING PROGRAMMES ATTENDED

S.No.	Programme type	Period	No.of Days
1.	Workshop on Professional Development for Healthcare Providers organized by Confederation of Indian Industry at Kovai medical centre and Hospital, Coimbatore	28.02.09	1 day
2.	Workshop on Research issues in Medical Image Analysis at Thiagarajar College of Engineering, Madurai	20.10.11 - 21.10.11	2 days
3.	Orientation course on Advanced medical Equipment servicing and Maintenance organized by Pamtrons Medical Equipment's at Velalar College of Engineering and Technology	08.11.11 - 09.11.11	2 days
4.	ICMR sponsored Workshop on Engineering Perspective for Diabetics and Epilepsy Healthcare at Bannari amman Institute of Technology	28.02.12 - 29.02.12	2 days
5.	AICTE sponsored Workshop on Maintenance and Service of Medical Equipments for Aspiring Medical and Allied Entrepreneurs	26.02.13 - 29.02.13	3 days
6.	FDP on New and Emerging Trends in Image and Video Processing at Jayaram College of Engineering and Technology, Trichy	13.05.13 – 24.05.2013	12 days

7.	FDTP on Analog and Digital Communication sponsored by Centre for Faculty Development, Anna University, Chennai at Velalar College of Engineering and Technology	08.06.15 – 12.06.2015	5 days
8.	Anna University Sponsored Faculty Development training Programme on Biomedical Instrumentation at Sri Ramakrishna Engineering College, Coimbatore	06.06.16 – 12.06.2016	7 days
9.	Anna University Sponsored Faculty Development training Programme on Digital Image Processing at Velalar College of Engineering and Technology	15.06.17 – 21.06.2017	7 days
10.	AICTE - ATAL Online FDP on Computer Science & Biology organized by Amal Jyothi College of Engineering	24.08.2020 – 28.08.2020	5 days
11.	Online FDP on Healthcare and Clinical Research organized by Sathyabama Institute of Science and Technology, Chennai	04.06.2020 – 10.04.2020	7 days
12.	Online FDP on Role of Robotics and AI during COVID-19 organized by Vels Institute of Science, Technology and Advanced Studies	03.05.2020	1 day
13.	Online non-credit course on Converting Challenges into Opportunities authorized by University of California San Diego and offered through Coursera	30.04.2020	2 days
14.	Webinar on Modeling and Simulation for Healthcare Innovators organized by SSN College of Engineering in collaboration	01.06.2020 -02.06.2020	2 days
15.	International Short-Term Course (STC) on "Recent advances of 3D printing and its Bio-medical Engineering Applications" jointly organized by the Royal Global University, Guwahati, Assam in collaboration with the North Eastern Hill University, Shillong, Meghalaya, India and the National Cheng Kung University Hospital (NCKUH), Taiwan	12.10.2020 – 16.10.2020	5 days
16.	Empower webinar by Fluke Biomedical on IEC 62353 compliant Electrical safety testing for patient monitors and ventilators part I	15.03.2021	1 day

17.	Online FDP on Revised NAAC Accreditation Framework perceptions organized by G.T.N. Arts College	12.05.2021 – 15.05.2021	5 days
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LIST OF PROGRAMMES ORGANIZED

S.No.	Programme type	Type	Date
1.	Guest lecture on Awaken The Leader In You, Velalar College of Engineering and Technology	Guest Lecturer	07.01.2013
2.	Guest lecture on Biomedical Engineering In Antibody Therapeutics by Dr. P. Rathanaswami, Senior Scientist from Amgen British Columbia, Canada, Velalar College of Engineering and Technology	Guest Lecturer	23.01.2013
3.	Three days national level Workshop on Maintenance and Service of Medical Equipment for Aspiring Medical and Allied Entrepreneur, Velalar College of Engineering and Technology	Workshop	26.02.2013 – 28.02.2013
4.	Workshop on Biomedical Signal and Image Processing using MATLAB, Velalar College of Engineering and Technology	Workshop	29.01.2014 – 30.01.2014
5.	Workshop on Biosignal Processing using MATLAB, Velalar College of Engineering and Technology	Workshop	09.02.2015 – 10.02.2015

Patents Filled: 01

S.No	Patent Application No.	Title of Invention	Date of Filling	Date of Published
1.	202111032969	Mobile based Accident Detection and Alert System	22.07.2021	20.08.2021

Membership in Professional Bodies

- Biomedical Engineering Society of India (BMESI) – Life member

SWAYAM-NPTEL courses / Online courses completed

- Biomedical Signal Processing (NPTEL)
- NBA Accreditation and Teaching – Learning in Engineering (NPTEL)
- Accreditation and outcome-based learning (NPTEL)
- Mechanical Ventilation for COVID-19 (Edx)
- Converting challenges into opportunities (Coursera)

Name: B B SANGAMESWARAN
Department: Biomedical Engineering
Qualification: M.Sc. M. Tech (Biotechnology)
Area of
Specialization: Clinical Biochemistry, Industrial Microbiology
Date of Joining:
(KSRIET) 01/02/2021
Teaching
Experience: 7 Years
No. of Paper
Published: International: 01 National: 00
Contact Details: sangameswaranb@ksriet.ac.in
8838022447



Industrial Experience:

Worked in industries from 2004-2007.

Worked as an freelancer (Tutor) in teaching SAS and Clinical SAS to students and employees in USA from 2015 to 2019.

Internationals Journals:

Synthesis of lead nanoparticles by Aspergillus species Sangameswaran B.B., Pavani K.V., Sunil Kumar N., (2012) Polish Journal of Microbiology, 61(1) , pp. 61-63.

Certifications

- **SAS Certified Specialist: Base Programming Using SAS 9.0** secured 94% (Certificate Verification Number: W17RRVQ11BR1QK5L).
- **SAS Certified Clinical Trials Programmer Using SAS 9.** (Certificate Verification Number: VLX60CRKKMB1Q89Q).
- **Certification in Advanced Molecular Biology and Biotechnology**, 2006, Clonogen Biotechnology Pvt Ltd, USA, jointly with Clonogen Biotechnology Pvt Ltd, India. This is a three months comprehensive training covering a range of advanced topics together with

some hands-on experience on designing and performing experiments. This course was organized by established scientists and professors from USA and secured **Third rank** in the final exam conducted.


- D.I.S.M. (Diploma in Information and System Management), 2000 APTECH computer education, secured 'O' grade

Training:

- Training in lab techniques in Biotechnology and Animal cell culture, conducted by Department of Animal Biotechnology from 'Tamil Nadu Veterinary and Animal Science' University, Chennai.
- Participated in number of Faculty Development Programs and Workshops from 2007 to 2013 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- Attended number of International and National conferences, Symposiums, Guest lectures and Invited talks during 2008 to 2013.

Program Organized:

- Organized - Role as Organizing Secretary in AICTE sponsored National level Symposium on Emerging Trends in Biotechnology from 10-12 Dec 2008 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- Organized three days FDP titled 'Immobilization of industrially important enzymes' from Sep 14-16 at Dept. of Biotechnology, GRIET, Hyd.
- Organized two days FDP workshop on gene cloning on 18-19 Feb 2013 at Dept. of Biotechnology, GRIET, Hyd.
- Attended three days' workshop on Isolation of phytochemical's compounds in economically important medicinal and aromatic plants from 12-14 April 2010.

Name	R.SWATHI SRI			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	M.E			
Area of Specialization	MEDICAL ELECTRONICS			
Date of Joining (KSR IET)	01.12.2020			
Experience (as on30.05.2020)	Teaching: Nil	Industry: 3 Years	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : Nil	
Number of Papers Presented	National Conferences: Nil		International Conferences : Nil	
Books Published	National Publisher : Nil		International Publisher : Nil	
Contact Details	E Mail: swathimee29@gmail.com Mobile: +91 -8189994649			

Name	BRINDHA M			
Department	BME			
Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	04-08-2021			
Experience (as on 01.06.2020)	Teaching:8 Y	Industry:00	Others: 00	
Number of Papers Published	National Journals	02	International Journals	06
Number of Papers Presented	National Conferences : 07		International Conferences : 09	
Books Published	National Publisher	02	International publisher	00
Contact Details	EMail:mbrindhaeie@gmail.com			Mobile:9345705701

” in **Journal of Critical Reviews**, Volume 07, Issue 12, 2020, ISSN no: 2394-5125, Page no: 1407-1412, September 2020

- ✚ Published paper titled “**Smart shopping trolley** ” in **International Journal for research in applied science & Engineering Technology**, Volume 06, Issue 02, 2020, ISSN no: 2321-9653, Page no: 1651-1656, February 2018
- ✚ Published paper titled “**Study of Face Authentication using Euclidean and Mahalanobis Distance classification Method**” in **International Journal of Modern trends in Engineering and Science**, Volume 04, Issue 02, 2017, ISSN no: 2348-3121, Page no: 30-34, January 2017
- ✚ Published a paper titled, “**Effects of PID Controller to reduce the Maximum Peak Overshoot based on closed Loop Tuning Methods**” in the **International Journal of Applied Engineering Research**, Volume 10, Issue 5, 2015
- ✚ Published a paper titled, “**Automated Initial Ignition of a furnace by using cost Effective Hydrogen from flue gases**” in the **International Journal of Applied Engineering Research**, Volume 10, Issue 1, 2015
- ✚ Published a paper titled, “**Estimation of ANFIS parameters for a non linear system using extended Kalman Filter & Particle Swarm Optimization**” in the **International Journal of Applied Engineering and Research**, Volume 09, 2014
- ✚ Published a paper titled, “**A Comparative Study of Face Authentication using Euclidean and Mahalanobis Distance Classification Method**” in the **International Journal of Emerging Technology and Advanced Engineering**, Volume 3, Issue 1, January 2013
- ✚ Published a paper titled, “**Evaluation of Face Recognition using Principle Component Analysis and Two Dimensional Component Analysis**” in the **Journal of Energy Storage and Conversion**, Volume 3, Number 2, pp. 211-223, July-December 2012

National /International Conference

- ✚ Presented paper titled “**M-Learning android application for autistic children**”, “**ICRAET2K19**”, at Sri Krishna College of Engineering and Technology, Coimbatore, on 08.02.2019 and 09.02.2019
- ✚ Presented paper titled “**Centrifuge control system in sugar washing process using PLC**”, “**ICTIMES**”, at Malla Reddy College of Engineering, Hyderabad on 28.12.2018 and 29.12.2018
- ✚ Presented paper titled “**IOT based pressure process system**”, “**International Conference on Electrical Sciences**”, at SNS College of Technology, Coimbatore, on 09.03.2017 and 10.03.2017
- ✚ Presented paper titled “**Optimization of Energy Efficient Protocols using Wireless Sensor Networks**”, **International Conference on Mathematical Computer**

Engineering (ICMCE) – 2016 at VIT University, Chennai on 16.12.2016 and 17.12.2016

- ✚ Presented a Paper titled, “Evaluation of Energy Efficient routing in wireless Multimedia Sensor Networks” in the IEEE Sponsored International Conference on Electronics and Communication Systems(ICECS) at Karpagam College of Engineering, Coimbatore on 26.02.15 & 27.02.15
- ✚ Presented a Paper titled, “A Survey on Energy Efficient routing in wireless multimedia sensor networks” in the International conference on Electrical, Instrumentation and communication Engineering at Sri Krishna College of Technology, Coimbatore on 02.01.15 & 03.01.15
- ✚ Presented a Paper titled, “Starting Process of a Furnace in a Caustic Soda Plant using PLC” in the National Conference on Instrumentation and control Engineering at NSS College of Engineering, Palakkad on 27.06.14 & 28.06.14
- ✚ Presented a Paper titled, “Automated PAMBAN Cantilever Railway Bridge opening System using Redundant PLC” in the International Conference on Intelligent Engineering System at EASA College of Engineering and Technology ,Coimbatore on 03.04.2014 & 04.04.2014
- ✚ Presented a Paper titled, “Detection of Atrial Fibrillation using Smart phone” in the National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives at Bannari Amman Institute of Technology, Sathyamangalam on 21.02.2014&22.02.2014
- ✚ Presented a Paper titled, “Revolution by Nano Technology in Power Storage” in the National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives at Bannari Amman Institute of Technology, Sathyamangalam on 21.02.2014 & 22.02.2014
- ✚ Presented a Paper titled, ”Energy Efficient Routing in Wireless Multimedia Sensor Networks”, in the International Conference on Science and Innovative Engineering Organized by Organization of Science and Innovative Engineering & Technology, Chennai on 06.04.2013
- ✚ Participated in the National Conference on “Signals , Systems and Security -2012” at Bannari Amman Institute of Technology, Sathyamangalam on 23.02.2013&24.02.13
- ✚ Presented a Paper titled, ”Face Recognition using Two Dimensional Principle Component Analysis and Extreme Learning Machine”, in the International Conference on Innovative Research in Engineering and Technology at Park College of Engineering and Technology , Coimbatore on 03.01.2013-05.01.2013
- ✚ Presented a Paper titled, “Evaluation of Face Recognition using Principle Component Analysis and Two Dimensional Principle Component Analysis” in the National Conference on Frontiers in Applied Sciences and Computer Technology at National Institute of Technology , Trichy on 06.12.12 & 07.12.12
- ✚ Presented a Paper titled, “Automatic Face Recognition Using Color Based Segmentation” in the National Conference on NCETCIT-12 at Sai Ram College of Engineering, Chennai on 01.03.12 & 02.03.12
- ✚ Presented a Paper titled, “Stream Soil Moisture Estimation by GPS Signals” in the National

Conference on Intelligent Electrical Systems at Maha College of Engineering, Salem on 24.04.2009
& 25.04.2009

Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	15.12.2021			
Experience (as on 30.05.2020)	Teaching: Nil	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : 03	
Number of Papers Presented	National Conferences: 03		International Conferences : 01	
Books Published	National Publisher : Nil		International Publisher : Nil	
Contact Details	E Mail: nandhini.vrd@gmail.com		Mobile: +91 9087457627	

Publications (International Journals)

- Published paper on “**Wireless Sensor Network: A Review on Sensor Deployment and Routing Protocols for Different Application Areas**” ICCSS 2020, Organised by Bannari Amman Institute of Technology, Erode, December 2020.
- Published paper on “**Improved Hierarchical Clustering Method Based On Particle Swarm Intelligence For Improving the Network Lifetime In Underwater Communication Network**” ICICT 2021, Organised by RVS Technical Campus, Coimbatore, January 2021.
- Published a paper titled “**Efficient Greedy Transmission of Data Packet by using Trophy(TAD-hoc) Protocol along with Greedy algorithm in VANET**” ICICV 2021, Organised by Francis Xavier Engineering College, Tirunelveli, February 2021.

Publications (National Journals)

Nil

Publications (International Conferences)

- Presented a paper titled “**Resource Allocation Scheme Based On NOMA in OFDM**” ICRDSET 2021, Organised by St. Anne’s College of Engineering and Technology, Panruti, Tamilnadu, March 2021.

Publications (National Conferences)

- Presented paper on “**Arduino Based Vehicle Mounted Overloading Control System For**

- Presented a paper titled “**Efficient Mobility And Qos Routing Protocols Schemes And Challenges in Wireless Sensor Networks – A Review**” Organised by Arya College of Engineering & I.T., Kukas, Jaipur, India.
- Presented a paper titled “**Providing More Efficiency in Solar Panel Without Any Interruption**” Organised by CSI College of Engineering, ketti, India, September 2021.

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Transducer Engineering	Mr.K.Sambasivarao M.Brindha	Lambert Academic Publishing	2020
2.	IoT Based Intelligent Sanitary Napkin Disposer	Mr.K.Sambasivarao M.Brindha	Lambert Academic Publishing	2019

Achievement

- 🏆 Received award from Texas Instruments for making the highest number of students to register for Mooc – Embedded system design system on NPTEL, January 2021

Certification course

- 🏆 Completed NPTEL course on “Introduction to Internet of Things” with 96% (Elite)
- 🏆 Completed courses on AI for Everyone, Augmented reality and AR core and Programming for Everybody (Getting Started with Python) in course era

Name	Mr. THAMIZHAZHAKAN K			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	03.01.2022			
Experience (as on 30.02.2022)	Teaching: 3 YEARS & 8 MONTHS	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil International Journals : 01			

Number of Papers Presented	National Conferences: 01 International Conferences : 01
Books Published	National Publisher : Nil International Publisher : Nil
Contact Details	E Mail: tamilecesec@gmail.com Mobile: +91 -7418546927

Publications (International Journals)

1. Maheswari S, and Thamizhazhakan K, "DWT based audio watermarking using energy comparison", *International Journal of Emerging Technology In Computer Science & Electronics*, Vol. 20, No. 2, pp. 23-27 February 2016.

Paper Presented in International Conferences


1. Maheswari S, and Thamizhazhakan K, "DWT based audio watermarking using energy comparison", *International conference on advances in electrical, electronics and computational intelligence 2016 (ICAEECI 2016)*, pp.1-6, K.S.R. College of Engineering, Tiruchengode, February 2016.

Paper Presented in National Conferences

1. Thamizhazhakan K, "Data Reduction for efficient Data Communication, Network in VE's", *National Conference on Intelligence in Electronics and Communication Engineering 2015 (NCIECE 15)*, R.V.S College of Engineering and Technology, Coimbatore, March 2015.

Membership in Professional Bodies

- 1) International Association of Engineers (IAENG)

Name	S.PARAMESWARAN			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	M.E			
Area of Specialization	COMPUTER AND COMMUNICATION			
Date of Joining (KSR IET)	01.08.2022			
Experience (as on30.05.2020)	Teaching: 12	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals :Nil		International Journals :03	
Number of Papers Presented	National Conferences: 03		International Conferences : 08	
Books Published	National Publisher :Nil		International Publisher :Nil	
Contact Details	E Mail: parames114@gmail.com		Mobile: +91 9952285231	

Publications (International Journals)

- Published paper on **“Reconfigurable dual patch antenna for C and KU band”** IJISAER JOURNALS, e-ISSN:2349-9389, Volume 03, Issue 02 Ver.I (April 2016)
- Published paper on **“Reconfigurable for C and KU band antenna using dual patch”** IRJET JOURNALS, ISSN:2395-0056, Volume 16, Issue 54 (February 2016)
- Published paper on **“Cascade network based multitask perspective designing agribot”** Journal of critical reviews, ISSN 23945125, Volume 6 Issue 6, 2019 (March 2019)

Publications (International Conferences)

- Presented a paper titled **“AUTOMATIC TRAFFIC LIGHT CONTROL FOR EMERGENCY VEHICLE”** ICSEE 2016, Organised by Surya Engineering College, Erode, Tamilnadu, March 2016.
- Presented a paper titled **“RECONFIGURABLE DUAL PATCH MICRO STRIP ANTENNA”** ICEMIT 2016, Organised by Ranganathan Engineering College, coimbatore, Tamilnadu, March 2016.
- Presented a paper titled **“VEHICLE ACCIDENT TRACKING AND ALERTING SYSTEM USING GSM AND GPS MODEM”** ICICES 2016, Organised by S.A Engineering College, chennai, Tamilnadu, February 2016.
- Presented a paper titled **“DOMESTIC ANIMALS HEALTH MONITORING USING WIRELESS TECHNOLOGY”** ICESIC 2017, Organised by Selvam College Of Technology, Namakkal, Tamilnadu, March 2017.
- Presented a paper titled **“AN AUTOMATIC GARBAGE MONITORING AND CLEARANCE SYSTEM USING IOT”** ICASET 2018, Organised by M.P.N.M.J Engineering College, Chennimalai, Tamilnadu, March 2018.
- Presented a paper titled **“ A REALTIME INTENSIVE CARE UNIT APPLIANCES CONTROLLING AND MONITORING HEALTH CARE SYSTEMS WITH VARIOUS PARAMETERS BY USING IOT ”** ICASETM 2017, Organised by M.P.N.M.J Engineering College, Chennimalai, Tamilnadu, March 2018
- Presented a paper titled **“AN AUTONOMOUS AGRICULTURAL ROBOT FOR SOWING SEEDS”** ICJSRES 2019, Organised by Selvam College Of Technology, Namakkal, Tamilnadu, March 2019.
- Presented a paper titled **“SECURE AND VERIFIABLE POLLING SYSTEM USING IOT”** ICISRES 2019, Organised by Selvam College Of Technology, Namakkal, Tamilnadu, March 2019.

Publications (National Conferences)

- Presented a paper titled **“AUTOMATIC VEHICLE ACCIDENT DETECTION AND MESSAGING SYSTEM”** COCODANTR 2016 Organised by kongunadu College of Engineering and Technology Tamilnadu, March 2016.
- Presented a paper titled **“DOMESTIC ANIMALS HEALTH MONITORING USING IOT”** NCCET 2017, Organised by Chettinad College of Engineering and Technology, Karur, Tamilnadu, March 2017.
- Presented a paper titled **“BIOMETRIC BASED ELECTRONIC VOTING SYSTEM AND PROVIDE AUTHENTICATION ON IOT”** R&D Cell, Organised by M.Kumarasamy College of Engineering, Karur, Tamilnadu, March 2019.

Membership in Professional Bodies

IETE(Membership No.AM-236545)

Name	T. YAMUNARANI			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01.08.2022			
Experience (as on 01.08.2022)	Teaching: 7 Years	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals :Nil		International Journals :03	
Number of Papers Presented	National Conferences: 03		International Conferences : 03	
Books Published	National Publisher :Nil		International Publisher :Nil	
Contact Details	E Mail: yamunabme@gmail.com		Mobile: +91 9942953580	

Publications (International Journals)

- Published paper on “**Design and analysis of coronary stent**” International Journal of Healthcare Technology and Management, Vol. 12, No.5-6, pp 447-456, Sep. 2011
- Published paper on “**Analysis of skin cancer using ABCD technique**” International Research Journal of Engineering and Technology, Vol. 5, issue: 4, pp 1864-1869, April 2018
- Published a paper titled “**Hand Gesture Recognition System for Disabled People using Arduino**” International Journal of Advance Research and Innovative Ideas in Education, Vol. 4, issue: 2, pp 3894-3900, April 2018

Publications (International Conferences)

- Presented a paper titled “Fuzzy aided baseline controller for active vibration control of non-linear hysteretic base isolation buildings”, International Conference on Cognitive Computing and Information Processing, Pages: 1 - 6, Publisher: IEEE, DOI: [10.1109/CCIP.2015.7100709](https://doi.org/10.1109/CCIP.2015.7100709)
- Presented a paper titled “Ear Based Biometric Authentication System Using Raspberry Pi”, International Conference Emerging Trends in Materials for Energy and Biological Application (ICEMEBA-2020)
- Presented a paper titled “Development of wearable therapy device for pain relieving treatment, International Conference on Emerging Trends in Materials for Energy and Biological Application (ICEMEBA-2020).

Publications (National Conferences)

- Presented a paper titled “Analysis Of Malignant Melanoma Using ABCD Technique” National conference on Trends in Engineering Application, March, 2017
- Presented a paper titled “Digitized Queue Management System For Outpatients” National conference on Trends in Engineering Application, March, 2016

Funded Programmers Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S.No.	Date		Topic/Title	Funding agency and Amount Sanctioned
	From	To		
1	19.06.2019	-	National level Seminar Recent Advancement in Computational Biomechanical Modeling of Joint Mechanics and Early Therapeutic Methods for Osteoporosis Using Prophylactic Vertebroplasty and Kyphoplasty Techniques,	CSIR Rs. 20000
2	19.09.2019	-	National level Technical Symposium on Recent Advancement in Riemann Hypothesis Technology and Innovations in Adaptable Intelligence Systems for Biomedical System Design using Smart Materials - a future Approach (RHAIFA)’19”	CSIR Rs. 20000
3	2.1.2020	4.1.2020	Entrepreneurship Awareness Camp,	DST - NIMAT & EDII Rs. 20000
4	23.1.2020	25.1.2020	Entrepreneurship Awareness Camp,	DST - NIMAT & EDII Rs. 20000
5	19.2.2020	21.2.2020	Entrepreneurship Awareness Camp,	DST - NIMAT & EDII Rs. 20000

Membership in Professional Bodies

- Indian Society for Technical Education, New Delhi.
- International Society for Research and Development

Achievements

- Secured **prize in the Student Feedback** in the odd semester of 2009-10 at Velalar College of Engineering and Technology.
- Successfully completed NPTEL online certification on **ACCREDITATION AND OUTCOME BASED LEARNING (2 credits)** with the score of **91% and got Elite+GOLD certificate.**

List of Lectures/Keynotes Delivered

S. No.	Title of the Program	Type of Program	Duration	Sponsored by	Beneficiary
1.	Medical Electronics	FDP	1- 3 Dec., 2016	VCET	Faculty members
2.	Induction programme on “Awareness of IEEE EMBS Membership” & Technical lecture on “Deep learning in health care”	Technical lecture	28 March 2018	VCET	IEEE Students


Completion of Swayam-Nptel Courses / Online Courses

- Successfully completed NPTEL online certification on **BASIC ELECTRICAL CIRCUITS(3 credits)** with the score of **69%** and got **Elite certificate**.
- Successfully completed NPTEL online certification on **ACCREDITATION AND OUTCOME BASED LEARNING (2 credits)** with the score of **91%** and got **Elite+GOLD certificate**.
- Completed online course on **EPROTECT Respiratory Infections** by WHO on 15.4.2020 and got participation certificate.
- Completed online course on **COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response** by WHO on 16.4.2020 and got Record Of Achievement certificate.
- Successfully completed NPTEL online certification on **Electrocardiogram - Interpretation and Application in Clinical Practice(2 credits)** with the score of **58%**.
- **Successfully completed a Certification Course on Digital Teaching Techniques by ICT academy from 02.02.23 - 17.02.23.**

List of FDP / Workshops / Seminars attended

S. No.	Title of the Program	Type of Program	Date & Duration	Organized by
1.	EC6503-Transmission lines & waveguides	IETE Sponsored FDTP	17.06.15-19.06.15	VCET
2.	Intellectual property rights & innovations	Workshop	06.11.15	VCET
3.	Model development for biological anomaly detection using immune engineering tools	DBT sponsored Seminar	10.12.15 & 11.12.15`	Kongu Engg. College
4.	Fundamentals of LABVIEW	Workshop by Starcomm, Bangalore	29.12.15 to 30.12.15	VCET
5.	Effective communication for new generation learners	FDP	12.01.16 & 13.01.16	VCET
6.	IC6501 Control System	FDTP	13.06.16-19.06.16	Anna University
7.	Biomedical Image Processing using MATLAB and Implementation using Raspberry-Pi	Seminar	29.06.16	VCET
8.	Medical Electronics	FDTP	01.12.16-03.12.16	VCET
9.	Disaster Management and First Aid	Workshop	02.03.17	VCET
10.	Cognitive satellite geodesy image processing & remote sensing	MoES sponsored seminar	23.06.17 - 24.06.17	K.S.R.C.T
11.	Digital Image processing	AU approved FDTP	15.06.17 - 21.06.17	VCET
12.	Recent advancements in clean energy technologies for future energy needs	AICTE sponsored national Seminar	15.12.17 - 16.12.17	Kongu Engineering College
13.	Advanced Biomaterials applied in periodontal disease management	ICMR sponsored seminar	04.01.18 - 05.01.18	VCET
14.	Self cleaning in solar panels	CSIR sponsored seminar	03.04.18	VCET
15.	Recent Development In Modeling Of Biomedical Instrumentation Design Using Molecular Dynamics (MD) And Monte Carlo (MC) Techniques	National level workshop	11.07.19 - 12.07.19	VCET (CSIR SPONSORED)
16.	Accreditation and Outcome based Learning	FDP	8 WEEK COURSE	NPTEL-AICTE
17.	Decoding Novel Corona Virus Genome to conquer COVID-19	Webinar	23.04.2020	IIHMR Bangalore
18.	VUCA world	Webinar	20.04.2020 - 24.04.2020	ICT Academy-Sky campus -
19.	Recent trends in Biomedical Engineering - research perspective	FDP	26.04.2020-30.04.2020	Dr.NGP Institute of Technology
20.	Teaching Beyond Curriculum	Workshop	24.04.2020 - 30.04.2020	IQAC, Vellalar College for Women

21.	Future is Now	Webinar	27.04.2020 - 01.05.2020	ICT Academy-Sky campus
22.	Biomedical waste management Rules	Webinar	27.04.2020	National Productivity
23.	Industry Perspective on	Online webinar series	04.05.2020	Sathyabama Institute of Science and Technology.
24.	BioPython	FD P	04.05.2020-08.05.2020	Sathyabama Institute of Science and Technology in association with
25.	Opportunities and challenges of Health care professionals during the	Webinar	09.05.2020	IIHMR, Bangalore
26.	Industrial Internet of things	Webinar	06.05.2020-08.05.2020	PSNA college of Engineering and
27.	“Improving Your Research Visibility – Research Impact and Metrics”	Online Faculty Development	11.05.2020-13.05.2020	Research and Development Cell and Internal Quality
28.	New Research of AI & ML in application of Computer Image, Intelligent Driving systems	Webinar	14.08.22	Educare Taiwan
29.	Workplace Communication	Workshop	27.08.22	K S R Institute for Engineering
30.	IoT and its applications	Webinar	19.10.22	Nandha Engineering College in association with IEL-Erode Local
31.	National Intellectual Property	IP Awareness/Training program	23.11.22	Intellectual Property Office, India
32.	Electrocardiogram - Interpretation and Application in Clinical Practice	FD P	4 WEEK COURSE	NPTEL-AICTE
33.	Recent trends on "Digital	FD P	05.12.22 - 09.12.22	Sreenivasa Institute of Technology and Management Studies
34.	Research Opportunities and Futures of Additive Manufacturing	FD P	30.01.23 - 03.02.23	Sri Manikula Vinayagar

Name	P.J.RAGU			
Designation& Department	ASSISTANT PROFESSOR & BME			
Qualification	M.E.,			
Area of	CONTROL AND INSTRUMENTATION			
Date of Joining (KSRIET)	01.07.2022			
Experience (as on 30.05.2020)	Teaching: Nil	Industry: 07	Others: Nil	
Number of Papers Published	National Journals :Nil International Journals :04			
Number of Papers Presented	National Conferences:05 International Conferences: 05			
Books Published	National Publisher :Nil International Publisher :Nil			
Contact Details	EMail:ragu.j18@gmail.com Mobile: +918668158223			

Publications (International Journals)

- ✓ P. Hari Krishnan and P. J. Ragu, “Controlling Power Flow Losses in UPFC system Using Adaptive Neuro-Fuzzy Controller”, International Journal of Research in Engineering and Technology, 2014, Vol. 03, pp. 558-563.
- ✓ P. J. Ragu, “Self Tuning Based Adaptive Fuzzy Logic Controller in Lab view for Sterilizing Equipments”, IAES International Journal of Artificial Intelligence (IJ-AI), 2014, Vol. 3, No. 2, pp. 84-89.
- ✓ P. J. Ragu and R. Swathi Sri, “Controlling of Surgical Robotics Platform for Endoscopic using Fuzzy Logic Controller”, International Research Journal of Modernization in Engineering Technology and Science, 2022, Vol. 04, Issue. 06, pp. 3478-3484.
- ✓ P. J. Ragu, T. Yamunarani, V. D. Nandhini and B B Sangameswaran, “Self-Operational Adaptive Neural Networks in ECG Classification”, Journal of Emerging Technologies and Innovative Research, 2023, Vol. 10, Issue. 03, pp. 823-827.

Publications (International Conferences)

- P. J. Ragu, “Automotive Network Diagnostics and Crash Data Retrieval Systems using PLC & SCADA”, International Conference on Communication and Computer Vision (ICCCV’13), 20th & 21st December 2013.
- P. J. Ragu, “Controlling Power flow in UPFC System using fuzzy with PI Controller”, International Conference on Research Vogues in Inventive Engineering (LYCANS), 26th February 2014.
- P. J. Ragu, “Controlling Power flow in UPFC System using PID Controller”, International Conference on Innovation in Information, Embedded and Communication Systems, 13th & 14th March 2014.
- P. J. Ragu, “Controlling Power flow in UPFC System using Adaptive Neuro-fuzzy Controller”, International Conference on Trends in Technology for Convergence (TITCON-2014), 8th & 9th April 2014.
- P. J. Ragu, “Safety System for Drivers by Analyze Brain Waves and Heart Rate using BCI and IOT”, International Conference on Recent Innovations in Engineering and Technology (ICRIET 2023), 5th & 6th April 2023.

Publications (National Conferences)

- P. J. Ragu, “An Artificial Neural Network (ANN) PID Controller using UPFC”, National Conference on Emerging Trends in Power, Instrumentation and Real Time Systems (ETPIR 12), 9th March 2012.
- P. J. Ragu, “An Artificial Neural Network Controller PI Controller for UPFC Systems”, National Conference on Power System Engineering, 29th & 30th March 2012.
- P. J. Ragu, “Controlling Power flow in UPFC System using Neuro fuzzy Controller”, National Conference on Innovations in Computer Technology & Communication (NCICTC-2014), 28th February 2014.
- P. J. Ragu, “Controlling Power flow in UPFC System using fuzzy Controller”, National Conference on Advanced Technologies (NICAT’14), 15th March 2014.
- P. J. Ragu, “Optimization of Main Parameters of Boiler using ANFIS with PID Controller”, National Conference on Challenges and Opportunities for Mechanical Engineers (COME 2014), 28th March 2014.

List of Programmers Attended (Seminar/Conference/Workshop/FDP/STTP/Other)

S.No.	Date		Topic / Title	No. of Days
	From	To		
1.	11.09.2009	11.09.2009	Seminar on Lab view Software	1 day
2.	25.02.2011	13.03.2011	Training Course on PLC and SCADA	20 days
3.	22.09.2011	04.10.2011	Training Course on Mobile Phone Technology	14 days
4.	19.10.2013	19.10.2013	Seminar on Advanced Control Techniques for Industrial Applications	1 day
5.	12.09.2020	12.09.2020	Seminar on Scope, Opportunities and Challenges for E-Vehicle in India	1 day
6.	16.09.2020	16.09.2020	Seminar on Modelling of Biomedical applications using Neural Networks in International Short Term Training Program held in India	1 day
7.	19.09.2020	19.09.2020	Seminar on Cognitive Radio-Wireless Sensor Networks-Applications & Challenges	1 day
8.	09.10.2020	09.10.2020	Seminar on Computing & Signal Processing in IOT Applications	1 day
9.	10.10.2020	10.10.2020	Seminar on Artificial Intelligence & Machine Learning using Python	1 day
10.	16.10.2020	16.10.2020	Seminar on Renewable Energy System and Sustainability-Education, Research and Outreach	1 day
11.	25.10.2020	25.10.2020	Seminar on Recent Development in Nanostructured Metals and Alloys	1 day
12.	18.04.2022	18.04.2022	FDP on Teaching and Learning in Higher and Professional Education – the Challenges and Opportunities	1 day
13.	11.05.2022	11.05.2022	Seminar on Evolution of Intelligent Systems	1 day
14.	18.05.2022	18.05.2022	Seminar on Advanced Emerging Technologies, Research and Practical Applications	1 day
15.	15.06.2022	15.06.2022	Seminar on Career after Engineering	1 day

- Inplant Training at Seshasayee Paper And Boards Private Ltd, Erode.
- Inplant Training at Ponni Sugar Ltd, Erode.

Membership in Professional Bodies

- International Society of Research and Development (ISRD) – Life Member (M3140900568)
- Journal of Emerging Technologies and Innovative Research – (Member ID: 222283)
- International Journal of Creative Research Thoughts – (Member ID : 117839)
- National Institute For Technical Training & Skill Development – (Member ID: NITTSD/INDUSTRIAL PROFESSIONAL/33765)
- All India Council For Technical Skill Development – (Member ID: AICTSD/PROFESSOR/65187)
- International Association of Engineers - (Member No: 153959)
- International Journal of Research in Electrical Engineering – (Reviewer ID: RV14EIE40050)
- Institute of Research Engineers and Doctors – (Membership No: AM10100052747)

Name	Prof. M. ASICK ALI			
Designation & Department	Professor & Head, Mathematics			
Qualification	M.Sc., M.Phil., (Ph. D)			
Area of Specialization	Bio Medical Science			
Date of Joining (KSR IET)	01.07.2011			
Experience (as on 01.06.2022)	Teaching:22 Years 9 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals : 00			
Number of Papers Presented	National Conferences : 00 International Conferences : 00			
Books Published	National Publisher : 00 International publisher : 00			
Contact Details	E Mail: asick68@gmail.com@gmail.com Mobile: 9976396840			

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM)

Name	MADHAN S			
Designation & Department	ASSISTANT PROFESSOR & ENGLISH			
Qualification	M.A., M.PHIL.			
Area of Specialization	ELT			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.06.2020)	Teaching: 9	Industry:-	Others: 5	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 01		International Conferences : 05	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: smadhan1983@gmail.com Mobile: 99761 15039			

Publications (International Conferences)

1. Madhan S, "Learning – A Psychological Outlook", **7th International Congress on English Grammar**, Bannari Amman Institute of Technology, Sathyamangalam, 28 - 30 December, 2011.
2. Madhan S, "Enlivening ELT through Problem-based Learning", **9th International Congress on English Grammar**, VIT University, Vellore, 3 - 5 January, 2013.
3. Madhan S, "Task-based Language Learning and Teaching: An Overview", **International Conference on Innovations in the Teaching of English Language and Literature**, VIT University, Vellore, 12 & 13 August, 2016.
4. Madhan S, "Challenges in English Language Learning in India – Present Scenario", **9th International Congress on English Grammar**, K.S. Rangasamy College of Arts and Science, Tiruchengode, 18 - 21 January, 2017.
5. Madhan S, "Respect for Nature in Tom Billsborough's *Sea Pollution*", **International Seminar on Nautical Literature**, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.

Publications (National Conferences)

1. Madhan S, "Teaching Approaches – Task-based Learning", **National Conference on "Fine-Tuning Presentation"**, K.S.R. College of Engineering, Tiruchengode, 24th August, 2015.

Membership in Professional Bodies

- **Indian Society for Technical Education (ISTE) - Life Member (LM 51445)**
- **English Language Teachers' Association of India (ELTAI) – Member (30009205)**

Name Dr. E.MANIKANDAN

Designation & Department ASSISTANT PROFESSOR
PHYSICS

Qualification M.Sc.,Ph.D.

Area of Specialization NANOSCIENCE AND ITS APPLICATIONS

Date of Joining (KSR IET) 21-11-2021

Experience **Teaching: 1Year
8 Month**

Number of Papers Published **International Journals** 5

Number of Papers Presented **National Conferences : 14 International Conferences 12**

Contact Details **E Mail ID:** e.mani16041992@gmail.com **Mobile:** +91-9894065485



Publications (International Journal)

1. S. Sivakumar and **E. Manikandan**, Enhanced structural, optical, electrochemical and magnetic behaviour on manganese doped tin oxide nanoparticles via chemical precipitation method. Journal of Materials Science: Materials in Electronics 30, no. 8 (2019) 7606-7617.
DOI: 10.1007/s10854-019-01076-8
Publisher: Springer IF: 2.47
2. S. Sivakumar and **E. Manikandan**, Novel Synthesis of Optical, Photoluminescence Properties and Supercapacitor Application on Zn²⁺ doping Sn_{1-x}Zn_xO₂ nanoparticles. International Journal of Scientific Research in Physics and Applied Sciences 6.6 (2018) 1-13.
DOI: 10.26438/ijsrpas/v6i6.113
Publisher: ISROSET IF: 1.021s
3. S. Sivakumar, **E. Manikandan**, B. Mahalakshmi, Nazir Ahmad mala, L. Nelson prabu, Synthesis and Characterization of Optical, Electrochemical and Magnetic Behavior on Manganese-Zinc co-doped Tin Oxide nanoparticles. Vacuum.

DOI: <https://doi.org/10.1016/j.vacuum.2019.109116>

Publisher: Elsevier IF: 3.637

4. P.Jeeva, S.Irudaya Monisha, A.Antony Lawrence, **E Manikandan**, Co-Codoped Fe-Zno Nanoparticles Synthesis By A Sol–Gel Method And Its Characterization, Shodhsamhita : Journal of Fundamental & Comparative Research 7 (11), 189-194.
5. A.Antony Lawrence,P.Jeeva, S.Irudaya Monisha, **E.Manikandan**, Natural Synthesis Of Silver Nanoparticles By Using Seed Of Tamarind And Its Anti-Oxidant Potential Shodhsamhita : Journal of Fundamental & Comparative Research 7 (12), 141-150

Publications (International Conferences)

1. presented my paper entitled “optical and electrochemical properties of SnO₂ nanoparticles via chemical precipitation method” in International Conference on Recent Advances in Materials (ICRAM-2018) organized by Pg & research department of physics national college (autonomous) Tiruchirappalli on 22nd & 23rd Mar 2018.
2. presented my paper entitled “Optical and magnetic properties of Zn-doped NiO nanoparticles” in the Souvenir International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) organized by Department of Chemistry Annamalai University, Annamalai Nagar on 2nd & 3rd February 2018.
3. presented a research paper entitled “correlated Room Temperature Ferromagnetism and Photoluminescence in SnO₂ nanoparticles via chemical precipitation method” in the International Conference on sustainable scientific advancements (ICSSA-19) held on 22 & 23 Feb 2019 and organized by PG & Research Dept. of Biotechnology, Physics and Chemistry of Sri Vinayaga college of arts and science, Ulundurpet - 606 107, Villupuram, Tamilnadu.

CONFERENCES AND SEMINARS

- A paper was presented entitled “Structural, Morphological and Optical Properties of Pure SnO₂ nanoparticles via chemical co-precipitation method” National Conference on FRONTIER AREAS IN APPLIED PHYSICS (NCFAAP-2016) 27th April 2016. Engineering Physics Section Faculty Of Engineering & Technology Annamalai University, Annamalainagar - 608 002.

- I have presented a research paper entitled “Structural, optical and photocatalytic activities of pure and Mn: SnO₂ nanoparticles via chemical precipitation method”. National Seminar On New Trends In Chemistry (NTC-2016), 21st-22nd, October 2016. Department of Chemistry, Annamalai University, Annamalai Nagar.
- I have attended the DST-NRDMS Summer/Winter School Training On “GEOSPATIAL TECHNOLOGY-Significance Applications And Beyond” Organized by the Department Of Earth Sciences, Annamalai University, Tamilnadu, During November 23rd To 13th December 2016.
- A paper was presented entitled “Synthesis and characterization of undoped and Mn: SnO₂ nanoparticles Via Chemical Precipitation Method”. National Conference On Recent Developments In Nano Materials And Thin Films Research (RDNMTR-2017) 4th-5th March 2017. PG & Research Department Of Physics AVVM Sri Pushpam College (Autonomous) Poondi, Thanjavur-613 503.
- Participated in the Two-Days Lecture Workshop on Recent Developments in Applied Physics 18-03-2017 & 19-03-2017. Research Department Of Physics Khadir Mohideen College Adirampattinam – 614701 Thanjavur District.
- I have participated in my paper entitled “Influence of Mn doping on structural, optical and magnetic properties of SnO₂ nanoparticles by Chemical Precipitation Method” in International Conference On Recent Advances In Applied Physics (ICRAAP-2017) organized by Faculty of Engineering and Technology Engineering Physics. Annamalai University, Annamalai Nagar on 21st & 22nd Sep 2017.
- I have presented my paper entitled “Influence of Mn doping on structural, optical and electrochemical properties of SnO₂ nanoparticles by Chemical Precipitation Method” National conference On Recent trends in nanomaterials and Thin films research (RTNMTR-2018) organized by Pg & Research Department Of Physics AVVM Sri Pushpam College (autonomous) poondi on 9-11 February 2018.
- I have presented my paper entitled “optical and electrochemical properties of Mn-doped SnO₂ nanoparticles via chemical precipitation method” in International Conference on Recent Advances in Materials (ICRAM-2018) organized by Pg & research department of physics national college (autonomous) Tiruchirappalli on 22nd & 23rd Mar 2018.

- I have participated in my paper entitled “Optical and magnetic properties of Zn-doped NiO nanoparticles” in the Souvenir International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) organized by Department of Chemistry Annamalai University, Annamalai Nagar on 2nd & 3rd February 2018.
- I have participated in the university sponsored prof. K. S. SONACHALAM memorial XXVI Interdisciplinary research methodology workshop organized by Department of Economics, Annamalai University for 7 days from 23.03.2018 to 29.03.2018.
- I have presented my paper entitled “Effect Of Structural, Optical And Electrochemical Properties Of Zn /SnO₂ Nanoparticles Via Chemical Precipitation Route” in National Conference on Frontiers in Nanoscience [NCFNS] 2018 to be held at the Department of Physics, Annamalai University, Annamalainagar, Chidambaram, Tamil Nadu, during 4th and 5th October, 2018.
- I have presented a research paper entitled “Enhanced Structural, Optical and electrochemical behavior on manganese doped tin oxide nanoparticles via chemical precipitation method” in the National Conference on Recent Trends in Material science (RTMS-2018) organized by Dept. of Physics, Annamalai University, Annamalainagar, held during Dec 19th & 20th, 2018.
- I have presented a research paper entitled “Structural, Optical, Photoluminescence and Electrochemical Supercapacitor Application of SnO₂ nanoparticles” in the International Conference on Recent advances in materials science (ICRAMS-2019) organized by PG & Research dept. of physics, National College (Autonomous), Tiruchirappalli, from 04 – 06 Feb 2019.
- I have presented research paper entitled “correlated Room Temperature Ferromagnetism and Photoluminescence in SnO₂ nanoparticles via chemical precipitation method” in the International Conference on sustainable scientific advancements (ICSSA-19) held on 22 & 23 Feb 2019 and organized by PG & Research Dept. of Biotechnology, Physics and Chemistry of Sri Vinayaga college of arts and science, Ulundurpet - 606 107, Villupuram, Tamilnadu.

WEBINARS:

National: 45

International: 30

CAREER PROFILE

CURRICULUM PROJECT

M.Sc. Project

Synthesis and Characterization of Cobalt Ferrite (CoFe₂O₄) nanoparticles by Co-Precipitation Method
(April 2015)

Ph.D. Thesis

Title: STUDIES ON OPTICAL, ELECTROCHEMICAL AND MAGNETIC PROPERTIES OF PURE AND Mn, Zn DOPED SnO₂ NANOPARTICLES BY CHEMICAL PRECIPITATION METHOD
(Nov 2019)

Thesis details: Spectral Analysis of cerium oxide using TG-DTA, XRD, FT-IR, UV-Vis DRS, PL, SEM-EDX, HR-TEM, VSM and CV.

M.SC., UNDER THE GUIDANCE:

- ✓ 1. A. GNANASEELAN (Reg. No: 40518P21004) “Structural and magnetic properties of Ni²⁺ substituted Fe₃O₄ nanoparticles”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.
- ✓ 2. A. JAYAGURU (Reg. No: 40518P21006) “Synthesis of structural, functional, and morphological properties of Sn-doped CdO nanoparticles”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.
- ✓ 3. S. VINOTHINI (Reg. No: 40518P21013) “Biological approach for the synthesis of ZnO nanoparticles; using amaranthus gangeticus extract”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.

Invited Speaker (Chief Resource Person)

1. Given Invite speaker entitled “**Nanomaterials and Its Characterization Techniques**” in “**National webinar on Nanomaterials and Its Characterization Techniques**” organized by ST.JOSEPH UNIVERSITY, Dimapur, Nagaland-797 115 on 07 Feb 2022.
2. I have been invited as a resource person for the FDP on “**Twenty one Days Faculty Development Programme on Research Innovations in Biological Sciences and Physical Sciences**” from **23 rd March to 12 April 2022 (21 days)** which is been organized by Syed Ammal Arts and Science College, Ramanathapuram, Tamilnadu.

Name	Mrs. M. MOHANASUNDARI			
Designation & Department	Assistant Professor & PHYSICS			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	Metal oxide nanoparticles			
Date of Joining (KSR IET)	23.11.2022			
Experience (as on 01.06.2022)	Teaching:05 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals:00 International Journals:00			
Number of Papers Presented	National Conferences:05 International Conferences: 02			
Books Published	National Publisher: 00 International publisher: 00			
Contact Details	E Mail:mohanasundariphysics@ksriet.ac.in Mobile:7358882921			

Membership in Professional Bodies

ISTE

DEPARTMENT OF CSE

Name	Dr.M.VENKATESAN			
Designation & Department	PROFESSOR COMPUTER SCIENCE			
Qualification	M.E., Ph.D.			
Area of Specialization	ARTIFICIAL INTELLIGENCE			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.06.2021)	Teaching: 34.6 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals : International Journals : 20			
Number of Papers Presented	National Conferences : International Conferences :			
Books Published	National Publisher 04 International publisher : 00			
Contact Details	E Mail: principal@ksriet.ac.in Mobile: 9944456156			

Publications (International Journals)

1. “An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network” Wireless personal communication Springer Volume 98 Issue 4, pp. 3377-3391, 2018.
2. “TTRP-Three Level Threshold & Round Robin with Priority Scheduling for Wireless Rechargeable Network” Transactions on Engineering and Sciences, Volume 5, Issue 1, Jan-March, 2017
3. “Swarm Optimized Energy Hubness Clustering to Detect and Respond Intrusive Attack Variants in MANET”, International Journal of Business Innovation and Research, 2017
4. “Gene Populated Spectral Clustering for Energy Efficient Multiple Intrusion Detection and Responsive Mechanism for MANET”, Journal of Electrical Engineering, Volume 17, Issue 4, pp. 1-13, 2017
5. “Efficient enhanced Intrusion identification and response system for MANETs”, International Journal of Business Information Systems, 2017

6. "Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network.", International Journal Of Inventions in Computer Science and Engineering, Vol.3, No.2, pp.2348- 2343, 2016
7. "PSO based Algorithm for Wireless Rechargeable Sensor Networks", International Journal of Computer Applications, Vol.156, No4, pp.0975 – 8887, 2016
8. "RDCG-Randomized Distributed cluster grid topology for wireless power transfer technology in wireless sensor network ",Asian Journal of social science and humanities, Vol.6, No.8, pp 303-317,2016
9. "An Analysis of Hierarchical Routing Protocol in Wireless Sensor Networks", International Journal of Modern Computer Science and Applications, Vol.4, No.4, pp.2321-2632, 2016
10. "Comparative Study of MANET Routing Protocols", Asian Journal of Research in Social Sciences and Humanities, Volume 6, Issue 6, pp. 1924-1934, 2016
11. "Energy aware Intrusion Detection System for MANETs", International Journal of Applied Engineering Research, Volume 10, Issue 29, pp .22300- 22304,2015
12. "A Fragile Watermarking Scheme For Image Authentication With Tamper Localization Using Integer Wavelet Transform" Journal of Computer Science, Vol. 5, No. 11,PP. 831.2009
13. "Secure authentication watermarking for binary images using pattern matching", International Journal of Computer Science and Network Security, Vol. 8, No. 2, Pp. 241-250, 2008
14. "Reversible Image Authentication with Tamper Localization Based on Integer Wavelet Transform", arXiv preprint :0912.0607, 2009
15. "Authentication Watermarking using Integer Wavelet Transform", Journal of Digital Signal Processing, Vol. 1, No. 4, Pp. 12-18, 2009
16. "Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network", in International Journal Of Inventions in Computer Science and Engineering ,Vol.3,no.2, pp.2348 – 2343.
17. "A Survey of hierarchical routing Protocols in Wireless sensor networks", in International Journal of Modern Computer Science and Applications , Volume No.-4, Issue No.-4, ISSN: 2321-2632 (Online)
18. "RDCG-Randomized distributed cluster grid topology for wireless power transfer technology in wireless sensor network", in Asian Journal of social science and humanities Vol. 6, No. 8, August 2016, pp. 303-317. ISSN 2249-7315
19. "Energy aware Intrusion Detection System for MANETs" International Journal of Applied Engineering Research (IJAER) Volume No.10, Issue No.29 Page(s) No.22300-22304 published in 2015
20. "A new data hiding scheme with quality control for binary images using block parity", Information Assurance and Security, 2007, Pp. 468-471,2007.

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing

1.	Computer Architecture	Dr.M.Venkatesan	AR Publications, Chennai	2015
2	Distributed Systems	Dr.M.Venkatesan	ARS Publications, Chennai	2016

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network	ICMR	Rs 50,000	Author

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	5.5.2014	10.5.2014	Big Data Analytics	ISTE – SRM Rs 1,00,000

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	KSRIET Profile Android App	KSR EI

Membership in Professional Bodies

1. ISTE

Name	Dr.M.VIMALADEVI			
Department & Designation	CSE & ASSOCIATE PROFESSOR			
Qualification	M.E., Ph.D.,			
Area of Specialization	DATA MINING			
Date of Joining (KSR IET)	14-06-2019			
Experience (as on 01.06.2021)	Teaching: 14 Years 10 months	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	11
Number of Papers Presented	National Conferences :	08	International Conferences :	01
Books Published	National Publisher	03	International publisher	01
Contact Details	E Mail: vimal.vcet@gmail.com Mobile: 9965214142			

GOOGLE SCHOLAR LINK - <https://scholar.google.com/citations?user=SdBTX-MAAAAJ>

ORCID - <https://orcid.org/0000-0002-0966-8950>

WEBOFSCIENCE ID - AAY-4940-2020

PUBLONS LINK - <https://publons.com/researcher/3884180/vimaladevi-muthusamy/>

Publications (International Journals) : 11

1. **Vimaladevi, M &Kalaavathi, B** 2014, „Microarray Gene Ranking Technique Based on Modified Successive Feature Selection Algorithm“, International Review on Computers and Software, vol. 9, no. 3, pp.592 – 598.
2. **Vimaladevi, M &Kalaavathi, B** 2014, „Feed-Forward Back Propagation Neural Network for Ranking Gene Expression Data“, International Journal of Applied Engineering Research ISSN 0973-4562, vol. 9, no. 21, pp. 11315-11325.
3. **Vimaladevi, M &Kalaavathi, B** 2014, „A microarray gene expression dataclassification using hybrid back propagation neural network“, International Journal - Genetika, vol. 46, no.3,pp.1013-1026.
4. **Vimaladevi, M &Kalaavathi, B** 2014, „Cancer Classification using Hybrid Fast Particle Swarm Optimization with Backpropagation Neural Network“, International Journal of Advanced Research in Computer and Communication Engineering, vol. 3, no. 11, pp. 8410 – 8414.
5. **Vimaladevi, M, Pavithra , Priyanga , M ,Yamunadevi, S** „LBP-Top Descriptor for Detecting Interesting Events in Crowded Environments“ Indian Journal of Innovations

and Developments, Vol 5, No 5 ,2016, pp. 1-8

6. **Vimaladevi, M ,Kiruba, B, Nivethitha, A**, ‘k-NN Classifier For Skin Cancer Classification’ International Journal on Computer Science and Engineering, Vol. 9 No. 1,2017, pp. 7-13.
7. **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Trust Based Energy Efficient Routing For Wireless Sensor Networks’ Imperial Journal of Interdisciplinary Research, Vol. 3, Issue 2,2017, pp. 271-274.
8. **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Segmentation of Handwritten Tamil Character from Palm Script using Histogram Approach’ International Journal of Informative & Futuristic Research, Vol. 4, Issue 5, 2017, pp. 6418-6424.
9. **Vimaladevi, M , Kiruba, B, Diksha Dorin.J , AL.S.Mangaiyarkarasi**, ‘Similarity Based Image Re-ranking using Support Vector Machine”, International Journal For Research & Development In Technology, Volume-9, Issue-4(Apr-18) ISSN (O) :- 2349-3585.
10. **Vimaladevi, M , Kiruba, B**, ‘Farm Monitoring and Controlling Based On Precision Agriculture”, International Journal of Recent Engineering Research and Development, Volume 03 – Issue 04 , April 2018, PP. 25-30, ISSN: 2455-8761.
11. **Vimaladevi, M, Sowmitha V, Prakasham, V**, ‘A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs”, Journal of XI”AN University of Architecture & Technology, June 2020, PP. 422 -429, ISSN : 1006-7930.

Publications (National Journals)

-Nil-

Publications (International Conferences)

- Presented paper titled “Enhanced Text Clustering Using Seeds Affinity Propagation” in the First International Conference on Computational Intelligence and its Applications- (ICCIA 2012) on 01.03.2012 to 03.03.2012 at Vivekanandha Institute of Engineering & Technology For Women

Publications (National Conferences)

- Presented paper titled “Skin cancer classification using KNN Classifier”, in the National Conference “Ncact14 held on 06.03.2014 at Sasurie College of Engineering.
- Presented paper titled “Enhanced AHP Model for Classification of Medical Data” in the National Conference on Innovative Technologies in computer Science NITCOM”13 held on 15.03.2013 at Hindusthan Institute of Technology.
- Presented paper titled “Classification of TEXT by using Self-Constructing Feature” in the National Conference on INNOVATIONS IN COMPUTERS INFORMATION & COMMUNICATIONS NCICIC-2012 on cloud computing held at Sasurie College of

Engineering on 17.03.2012

- Presented paper titled “Multiple View Points Based Text Clustering Using Seeds Affinity Propagation” in the National Conference on NCICT-2012 on 10.02.2012 at Kongu Engineering College.
- Presented paper titled “Protected Storage Services in cloud data using the technique in the direction of Publicly Auditable” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2011 on 17.03.2011 at Surya Engineering College,Erode.
- Presented paper titled “Automatic Determination of Cluster count using Dark Block Extraction Technique” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2010 on 20.03.2010 at Surya Engineering College,Erode.
- Presented paper titled “Improved e-Brainstroming using Agent-Based Technique” in the National Conference on EMERGING TRENDS IN ADVANCED COMPUTING on 24.02.2009 at Sasurie College of Engineering
- Presented paper titled “Enhanced Semantic Ideation Learning for Agent-Based E- Brainstroming” in the 4 thNational Conference on ETICSE’09 Emerging Trends in Computer Science and Engineering on 20.02.2009 at K.S.Rangasamy College of Technology, Tiruchengode

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Problem Solving and Python Programming	Dr.M.Vimaladevi Ms.B.Kiruba	Lakshmi Publications, Chennai	978-93-83103-23-2
2	Compiler Design	Dr.M.Vimaladevi Ms.B.Kiruba M.Mohanasundari	Suchitra Publications	978-93-87670-73-0
3	Big Data Analytics	Dr.M.Vimaladevi Dr.S.Selvi Dr.V.Kavitha	Suchitra Publications	978-93-87670-74-7

Book Chapters published

S. No	Title of the Book	Author(s)	Title of the Chapter	Year of Publishing
1	Edge Computing and Computational Intelligence Paradigms for the IoT	Kavitha V. Vimaladevi M. Manavalasundaram V. K.	Intelligent Pest Control Using Internet of Things Design and Future Directions	DOI: 10.4018/978-1-5225-8555-8.ch011

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1	26.08.2016	27.08.2016	IoT – Trends and Challenges	ISRO, 25,000 /-
2	16.08.2017	17.08.2017	Big Data Analytics	CSIR, 30,000 /-

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM)
- International Association of Engineers (IAENG)
- Internet Society
- EUAgenda

Subject Links


COMPUTER NETWORKS

PHYSICAL COMPONENTS OF NETWORK - <https://www.youtube.com/watch?v=gVrXLq5E-CQ> HIGH LEVEL DATA LINK LAYER - <https://www.youtube.com/watch?v=yOc8zh0Hlls>
 OSI REFERENCE MODEL - https://www.youtube.com/watch?v=vv4y_uOneC0
 DOMAIN NAME SYSTEM - <https://www.youtube.com/watch?v=JkEYOt08-rU> FIREWALL CONFIGURATIONS - <https://www.youtube.com/watch?v=aUPoA3MSajU>

PRINCIPLES OF MANAGEMENT

EVOLUTION OF MANAGEMENT - https://www.youtube.com/watch?v=vIf_YEkuGug Henri Fayol's Principles of Management - <https://www.youtube.com/watch?v=90qpziPNRnY> ORGANIZATIONS - <https://www.youtube.com/watch?v=x3TO7SwZZC8>
 CONTROLLING - <https://www.youtube.com/watch?v=ypnXGvXfX9A> MONITORING - <https://www.youtube.com/watch?v=VI0Eu5uZxXQ>

Dr. M. VIMALA DEVI Associate Professor K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY DATA MINING AND DATA ANALYTICS	All	Since 2015
Citations	17	17
h-index	3	3
i10-index	0	0

Name	Dr. K. TAMIZHARASU			
Designation & Department	Professor & CSE			
Qualification	M.E., Ph.D.,			
Area of Specialization	Mobile Adhoc Network & Wireless Sensor Networks			
Date of Joining (KSR IET)	19.09.2022			
Experience (as on 01.06.2022)	Teaching: 31 years	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 09	
Number of Papers Presented	National Conferences : 23		International Conferences : 05	
Books Published	National Publisher : 01		International publisher : 01	
Contact Details	E Mail: tamizharasu2013@ksriet.ac.in		Mobile: 9443464426	

Publications (International Journals) :09

Books /Instruction materials/monograms published :

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
------	-------------------	-----------	---------------------------------	--------------------

1.	Adhoc Sensors and Network: Theory and Applications	Dr.P.T. kalaivaani Dr. R. Saravana Kumar Dr. K. Tamizarasu Ms. S. Dhiventra	Publisher & Printer : Scientific International Publishing House. www.sipinternationalpublishers.com	2023
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Training
Offered -10

Membership
in Professional

Bodies

1. Member of ISTE.
2. Member of IEEE.
3. Life Member of CSI
4. Member of the Institution of Engineers (India).

Name : K.SUMATHI Mobile : 9486233999

E-mail : thirusumathi83@gmail.com

Department : Computer Science and Engineering



PERSONAL DETAILS

Date of Birth : 29.10.1983
 Age : 38
 Date of Joining : 02.06.2021
 Gender : Female Marital Status : Married Religion : Hindu
 Nationality : Indian Community :
 : MBC AADHAR NO : 806020321744
 Blood group : A+ve
 Languages Known : English and Tamil
 Permanent Address : W/O S.Thirumurugan
 100, North Street, Kandasamypalayam,
 Sivagiri (Via)
 Erode-638 109

ACADEMIC QUALIFICATION

Qualification	Name of Institute / University	Year of Passing	Percentage of Marks	Achievements
Ph.D.,	Anna University , Chennai	Nov'17		
M.E (CSE)	Velalar College Of Engineering and Technology	May'10	9.39(CGPA)	First Class with Distinction

B.E (CSE)	Velalar College Of Engineering and Technology	May'05	76%	First Class with Distinction
HSC	S.S.V. High Sec.School,Kodumudi	Mar 2001	83.5%	First
SSLC	Government High School,Thandampalayam	Mar 1999	88.6%	First

ACADEMIC EXPERIENCE : 12 YEARS 10 MONTH

S.No	Designation	Name of the Employer / Institution	Period of Employment
01	Associate Professor	M.Kumarasamy College of Engineering,Karur	3 years (June 2018-May2021)
02	Assistant Professor	Erode Builder Educational Trust Group of Institution, Kangayam	5 years (June2013 to May2018)
03	Assistant Professor	Velalar College of Engineering and Technology, Erode	03 Years 01 months (May2010 to May 2013)
04	Lecturer	Erode Sengunthar Engineering College	11 months (June 2006 to Apr 2007)
05	Lecturer	Maharaja Engineering College	10 months (Aug 2005 to May 2006)

RESEARCH INTERESTS

- Networks & Network Security
- Internet of Things
- Machine Learning

SUBJECTS HANDLED (UG & PG)

- Computer Architecture

- Problem solving and python programming
- Computer Networks
- Cryptography and Network Security
- High speed Networks
- Software Engineering
- Data structures and Algorithms (UG & PG)
- Theory of Computation (Anna University – Covai)
- Data warehousing and data mining
- Information security
- Embedded systems
- Compiler design
- Programming for problem solving
- Internet of things

JOURNAL PUBLICATIONS

1. K.Sumathi ,Dr.M.Venkatesan,2014,” A survey on detecting compromised nodes in Wireless sensor networks”, International Journal of Computer Science and Information Technologies, Vol. (6)/ 2014/7720-7722.
2. K.Sumathi ,Dr.M.Venkatesan,2015,” Identification of packet droppers in wireless sensor networks using a novel algorithm”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10 No.38 /2015/ 28548-28552.
3. K.Sumathi ,Dr.M.Venkatesan, ,2016,” Trust based detection of malicious nodes in wireless sensor networks”, International Journal of Advanced Research in Computer Engineering &Technology, Volume 5 Issue 2/2016/378-381.
4. K.Sumathi ,Dr.M.Venkatesan, ,2016,” A Survey on congestion control in WSN”, International Journal of Computer Applications, Volume 147(6)/2016/6-11.
5. K.Sumathi ,Dr.M.Venkatesan, ,2017,” An Effective Load Balanced and Congestion Control Protocol for Wireless Multimedia Networks”, Asian Journal of Research in Social Sciences and Humanities 2249-7315,Volume 7/3/2017/289-301.
6. Dr.K.Sumathi ,K.Jose Triny,2019,” Secured data outsourcing in cloud with ECC Encryption “,International Journal of Innovative Technology and Exploring Engineering 2278-3075, Volume 8 /8/ 2019/ 1223-1227.
7. Dr.K.Sumathi,Soundarya S, 2019,” Adaptive Clock Synchronization In Wireless Sensor Networks Using Pi Method”, Intelligent Computing Research Studies in Life Science ISSN 2250 – 0480, Volume SP-06/SP-5/32-39.
8. Dr.K.Sumathi, Dr.P. Pandiaraja,2019,” Dynamic alternate buffer switching and congestion control

in wireless multimedia sensor networks”, Peer-to-Peer Networking and Applications.

9. M.Hemasri Dr.K.Sumathi,2020,” SLA Based Combinatorial Resource Allocation Model in Cloud Computing”, International Journal of Advanced Science and Technology, ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online), Vol.29, No.7S, April 2020,1151-1159.
10. Dr.K.Sumathi ,Naveena,Prasanth,Revanthkumar,Srikeerthanaa,March 2020,” E-Health based Patient Surveiling device”, International Journal of Emerging Trends in Engineering Research, vol.8,No.3, 792-796
11. Dr.K.SumathiAdchayaP,Jayasri M ,Nandhini B ,Pavithra J T, April 2020 “Smart Irrigation and Agriculture Monitoring system using Cloud Server based on IoT”, International Journal of Advanced Trends in Computer Science and Engineering, Vol.9, No.2, 1082-1085.
12. Dr.K.Sumathi,Soundarya S, 2020,”Wireless sensor network protocols of clock synchronization-A survey”,International journal of Advanced science and Technology,Vol.29.No.12s.180-185.
13. Achyut Shankar, P Pandiaraja, K Sumathi, Thompson Stephan, Pavika Sharma,2021,”Privacy preserving E-voting cloud system based on ID based encryption”,Peer-to-Peer Networking and Applications, vol.14,No.4, 2399-2409.
14. Dr.K.Sumathi,Priyadharshini,2021,”Insect detection in rice crop using Google code lab”,Turkish Journal of Computer and Mathematics Education (TURCOMAT),vol.12,No.2, 2328-2333.

CONFERENCE PUBLICATIONS

1. K.Sumathi,2013,” Secure Data routing in Wireless sensor networks”, National Conference-NCICIC’13- Easa College of Engineering and Technology.
2. K.Sumathi,2016,” Enhancing the life time of wireless sensor network by using cluster head selection mechanism”,2nd National conference on technological advancements in Engineering – SreeNarayana Guru College of Engineering.
3. Dr.K.Sumathi,A.Anusuya,2019,”ECC encryption and Secure auditing”, International Conference on Advanced Science and Engineering Research –Alameen Engineering College.
4. Dr.K.Sumathi,2019,”Data outsourcing in cloud with ECC encryption and Secure auditing”, International Conference on Recent Trends in Computer Science- Bharathidhasan Arts and Science.
5. Dr.K.Sumathi,2020,”Patient monitoring system using IoT”,International Online conference on current trends and challenges in health care informatics and technology- KSR College of Engineering.
6. Dr.K.Sumathi,2021,”E-Healthcare Patient Information Retrieval and Monitoring System Using SVM”, Virtual mode-Advances in communication, Machine learning, Embedded with Internet of Things-Kongu Engineering College.

FACULTY PARTICIPATION

S.No	Year	From	To	Event type	Title of the Event	Name of the Organizer
1.	2006-2007	13.7.2006	24.7.2006	FDP	Mobile computing	K.S.R College of Engineering
2.	2006-2007	17.11.2006	-	Conference	Wireless Application Protocol	Erode Sengunthar Engineering
3.	2010-2011	17.9.2011	-	Workshop	Workshop on knowledge discovery	Narasu's Sarathy Institute of Technology
4.	2011-2012	10.2.2012	-	Conference	A JXTA based secure and integrated P2P platform for Distributed, Collaborative and Ubiquitous Computing	Kongu Engineering college
5.	2011-2012	17.3.2012	-	Conference	End to End Restorable oblivious routing of host model traffic	Sasurie College of Engineering
6.	2011-2012	14.9.2012	15.9.2012	Seminars	Cyber security challenges and role of intelligence	K.S.R College of Engineering
7.	2012-2013	1.2.2013	2.2.2013	Conference	Fast detection and recovery of compromised nodes in sensor networks.	Maharaja Engineering college for Women
8.	2012-2013	22.2.2013	-	Conference	Cloud computing	Easa College of Engineering and Technology
9.	2013-2014	20.6.13	-	Orientation course	ISO 9001-2008 Internal Audit	Erode Builder Educational Trust Group of Institutions
10.	2013-2014	24.8.2013	-	Seminars	Latex and Research publications	Sri Krishna College of Engineering and Technology

11.	2013-2014	14.12.2013	-	Seminar	Research colloquium	Erode Builder Educational Trust Group of Institutions
12.	2014-2015	19.7.2014	-	Seminar	Writing Effective Research Paper(s) and Thesis	K.S.R College of Engineering
13.	2014-2015	25.5.2015	30.5.2015	STTP	Introduction to design and Analysis of Algorithms	Erode Builder Educational Trust Group of Institutions
14.	2017-2018	23.8.17	24.8.17	Workshop	Applications of Artificial Intelligence for combating cyber crimes	Nandha Engineering college
15.	2017-2018	13.11.17	26.11.17	FDP	Deep learning and its applications in machine vision and robotics	Nandha Engineering college
16.	2017-2018	5.12.17	11.12.17	FDP	Knowledge management	Vidyaa Vikas college of Engineering and Technology
17.	2018-2019	4.1.19		FDP	Data Science using Python	NIIT Karur
18.	2018-2019	13.5.19	14.5.19	FDP	Introduction to Bigdata analytics	MIET Engineering,Trichy
19.	2018-2019	1.2.19	3.2.19	WORKSHOP	Blockchain and Cryptocurrency	NIIT,Trichy
20.	2018-2019	22.2.19		WORKSHOP	Question paper setting and Evaluation Techniques	MKCE,Karur
21.	2019-2020	29.1.20	30.1.20	FDP	Deep learning and Artificial Intelligence	Sri KrishnaCollege of Technology,CBE
22.	2019-2020	4.5.20		FDP	WE THE LEADERS FOUNDATION	MKCE,Karur
23.	2020-2021	26.6.20		FACULTY INDUCTION	Effective and Ethical way of doing Research	MKCE,Karur

24.	2020-2021	6.7.2020		FDP	Key Attributes of Engineering	MKCE,Karur
25.	2020-2021	8.8.2020		WEBINAR	Increasing the effectiveness of Online classes	PSNA,Dindugul
26.	2020-2021	3.10.2020		WEBINAR	IoT Protocols: Design and Challenges for Wireless Communication Systems	JECRC,Jaipur

○ Books /Instruction materials/monographs published:

- Aptitude Training material (Private Circulation)
- E-BOX Training material (Private Circulation)

○ ONLINE CERTIFICATIONS

- Completed 12 weeks NPTEL online course in the title “Introduction to Internet of Things” and secured 89% and got Elite certification in the academic year 2018-19.
- Completed online course in “Game development using PYGAME” conducted by GUVI.
- Completed 12 weeks SWAYAM online course in the title “Computer Networks” and secured 75% in the academic year 2019-20.
- Participated online Faculty Enabled Program on “Python programming through INFYTQ Platform” conducted by INFOSYS from 25.5.20 to 29.5.20 and got A+ grade.
- Completed online course in “Introduction to Project Management” conducted by SIMPLI LEARN.
- Completed AICTE & ATAL online FDP on “Block chain” from 15.9.20 to 19.9.20 at
 - LAKSHMI NARAIN COLLEGE OF TECHNOLOGY.
- Completed online course in “PYTHON 3” conducted by SOLO LEARN.
- TEQIP-III Sponsored online workshop on “Emerging Trends in Nanotechnology” from
 - 21.9.20 to 25.9.20 organized by Jaipur Engineering College and Research Centre, Jaipur.
- Completed AICTE & ATAL online FDP on “Cyber Security” from 23.11.20 to 27.11.20 at Sri Jayachamarajendra College of Engineering.

- Completed 12 weeks NPTEL online course in the title “Computer Networks and Internet Protocol” and secured 66% and got Elite certification in the academic year 2020-21.
 - Attended AICTE Sponsored online 6 days training programme on “Artificial Intelligence and Deep learning for Computational Biology” from 4th to 9th January 2021.

MEMBERSHIP IN PROFESSIONAL BODIES

- Life Membership in Indian Society For Technical Education


Name	DEEBIKA R			
Department & Designation	CSE & AP			
Qualification	M.E.,			
Area of Specialization	DATA MINING			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.06.2021)	Teaching:9	Industry:00	Others: 00	
Number of Papers Published	National Journals 00	International Journals	02	
Number of Papers Presented	National Conferences : 03	International Conferences :	04	
Books Published	National Publisher 00	International publisher	00	
Contact Details	E Mail:rdeebikame@gmail.com Mobile:8940147774			

Publications (International Journals)

- R.Deebika, D.Muthusankar, “Personalized Web Search by Mapping User Queries to Categories by Positive Preferences”, **CiiT International Journal**, ISSN 0974 – 9683 & Online: ISSN 0974 – 9578, 2012.
- R.Deebika, D.Muthusankar, “Video Streaming Quality in Lossy Mesh Network”, **International Journal of Computer Applications**, ID: pxc3877431, 2012.

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)

Name	V.PRAKASHAM			
Designation & Department	ASSISTANT PROFESSOR & CSE			
Qualification	M.Tech			
Area of Specialization	COMPUTER SCIENCE			
Experience (as on 01.06.2021)	Teaching:13 years	Industry:00	Others: 00	
Number of Papers Published	National Journals : 01	International Journals	02	
Number of Papers Presented	National Conferences : 02	International Conferences : 02		
Books Published	National Publisher : 00	International publisher	00	
Contact Details	E Mail: vprakashamcse@gmail.com		Mobile : 9965190985	

Publications (International Journals)

1. Published a journal paper „On Demand Security For Personal Health Record in Cloud Computing’ in a **Journal of Computer Science and Applications**. ISSN 2231-1270
Volume 7, Number 1 (2015), pp.21-28 © International Research Publication House.
2. V.Gopinath, V.Sowmitha, V.Prakasham, and R.Sathyapriya “Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks” **International Journal of Engineering Science and Computing**, Volume 10, Issue No:4, ISSN 2321 3361, 2020
3. Prakashma.V, Sowmitha.V, and Vimala Devi.M "A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs" in Journal of Xi'an University of Architecture & Technology ISSN No : 1006-7930 Volume XII, Issue VI, 2020

Publications (International Conferences)

1. Presented a paper entitled “On Demand Security For Personal Health Record In Cloud Computing” in **International Conference** at Kalaighnar karunanidhi Institute of Technology, Coimbatore.

Publications (National Conferences)


1. Presented a paper entitled „Time Domain Attribute Based Access Control for Cloud Based Content Sharing: A Cryptographic Approach“ in National Conference at Rajiv Gandhi College of Engineering, Chennai.
2. Presented a paper entitled „A Multi Processor Architecture on Semantic Networks i Artificial Intelligence“ in National Conference at C.Abdul Hakeem College o Engineering, Vellore.

LIST OF TRAINING PROGRAMMES ATTENDED

S.No	Name of the Programme	Period
1.	Attended FDP on „High Impact Teaching Skills“ Conducted by „DAL Carnegie Corporation Private Limited“ at Pallavan College of Engineering	11.06.2013 to 14.06.2013
2.	Attended FDP for the subject of “Compiler Design” at University College of Engineering	08.07.13 to 15.17.2013
3.	Hands on FDP “Introduction to PHP Programming” conducted by ICT Academy	27.09.2018 to 28.09.2018
4.	Attended webinar on “Exploring Outcome Based Education (OBE) And NBA Process” at Knowledge Institute of Technology	07.05.2020 to 13.05.2020
5.	Attended webinar on “Building Decision Trees from Scratch using Python”, at Codegnan IT Solutions OPC PVT Ltd	9 th May 2020
6.	FDP on ATAL “Data Science” at IIT Nagpur	11.05.2020 to 15.05.2020
7.	Attended webinar on “Teaching Learning Tools For The Digital Era” at Sree Ramakrishna College of Arts & Science for Women	11.05.2020 to 16.05.2020
8.	Attended webinar on “Python For Data Science” at Vivekanandha College of Technology for Women	12 th May 2020
9.	Attended webinar on “Data Visualization with R Programming”, at Vignan’s Nirula Institute of Technology and Science for Women	15 th May 2020
10.	FDP on “Cyber Security”, at Swarnandhra College Of Engineering & Technolog	15.05.2020 to 16.05.2020
11.	Hands on FDP on “Data Science Using Python” at Jeppiaar Institute of Technology.	18.05.2020 to 22.05.2020
12.	Attended webinar on “Intellectual Property Rights For Engineers” at Kings Engineering College	22 nd May 2020
13.	Webinar on “Artificial Intelligence & Machine Learning using Python” at Sengunthar College of Engineering	22 nd May 2020
14.	Webinar on “Skill set for Effective Classroom Teaching” at R.M.K.Engineering College	23 rd May 2020
15.	FDP on “Disruptive Technology” at St.Peter's Engineering College	26.05.2020 to 30.05.2020
16.	FDP on “VIRTUAL TEACHING - Learning MOODLE the Efficient way”, at Dr.M.G.R.Educational and Research Institute	29.05.2020 to 30.05.2020

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- Member in International Association of Engineers –Membership Number (128945)

Name	V.GOPINATH			
Designation & Department	ASSISTANT PROFESSOR & COMPUTER SCIENCE AND ENGINEERING			
Qualification	M.E.			
Area of Specialization	COMPUTER NETWORKS			
Date of Joining (KSR IET)	01-06-2017			
Experience (as on 01.06.2021)	Teaching:07 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	04
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: gopicse24@gmail.com		Mobile: 9842680244	

Publications (International Journals)

1. V.Gopinath,C.Anand and R.K.Gnanamurthy” A Novel Approach for Obstruct DDOS Attacks with Adaptive Selective Verification Protocol”, **International Journal of Advanced Research in Computer Science and Software Engineering**, Volume 3, Issue 11, ISSN: 2277 128X, pp.1299-1301, November 2013.
2. V.Gopinath and C.Anand.” An Efficient Approach to Block DDoS Attacks Using Adaptive Selective Verification Protocol”, **International Journal of Computer Science and Information Technologies**, Vol. 5 (2) , pp.1349-1351,2014.
3. V.Gopinath , V.Anguprakash, K.Jenitha, M.Rakul and P.Anbhuckarasi. “Web Portal hierarchical structure of Geospatial Field Data”, **International Journal of**

Innovative Research in Science, Engineering and Technology, Vol.7, Issue 3, ISSN online:2319-8753, March 2018

4. V.Gopinath, V.Sowmitha, V.Prakasham, and R.Sathyapriya **“Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks”** **International Journal of Engineering Science and Computing**, Volume 10, Issue No:4, ISSN 2321 3361, 2020

Publications (National Journals)

Publications (International Conferences)

1. Gopinath.V, **“An Interactive Web Portal for Effective Management System”**, International Conference on Innovation in Science, Engineering and Technology for Sustainable development (ISETSD-2018), 30 & 31st March 2018.
2. Gopinath.V **“ Multi-Vendor Ecommerce Website”** , International conference on Data Science and Big Data analytics for Sustainability,(ICDSBD), 22nd February 2020

Publications (National Conferences)

1. Presented a paper in National conference on the title **“Spatial Temporal Behaviors for Wireless Sensor Networks Using Hybrid Optimization Protocol”** at St. Xavier’s Catholic college of Engineering, Nagercoil.

LIST OF TRAINING PROGRAMMES ATTENDED

S.No	Name of the Programme	Period
1.	Participated in Train the Trainer program in IVS Testing at Virtusa Hyderabad campus	11.06.2018 to 22.06.2018
2.	Hands on FDP “Introduction to PHP Programming” conducted by ICT Academy	27.09.18 to 28.09.2018
3.	Attended webinar on “ICT Application in Teaching and Learning”, at Colombo Plan Staff College	22 nd April 2020
4.	Attended webinar on “Teacher to Educational Leader”, at Colombo Plan Staff College	23 rd April 2020
5.	Attended AICTE online course on “ Examination Reforms ”	29.04.2020 to 02.05.2020
6.	Attended webinar on “Intellectual Property Rights(A Cutting Edge in today’s world) at Excel college of Engineering and Technology	5 th May 2020
7.	Attended webinar on “Green Energy” at Excel college of Engineering and Technology	6 th May 2020


8.	Attended webinar on “Research Publications, Process, Credentials and Outcomes” at Baba Institute of Technology & Sciences	9 th May 2020
9.	FDP on ATAL “Data Science” at IIT Nagpur	11.05.2020 to 15.05.2020
10.	FDP on “Scope of Artificial Intelligence and Machine Learning in Automation” at Velalar College of Engineering and Technology	11.05.2020 to 17.05.2020
11.	Attended webinar on “Data Visualization with R Programming”, at Vignan's Nirula Institute of Technology and Science for Women	15 th May 2020
12.	Hands on FDP on “Data Science Using Python” at Jeppiaar Institute of Technology.	18.05.2020 to 22.05.2020
13.	FDP on “Cloud Computing” at Mahendra Engineering College	18.05.2020 to 20.05.2020
14.	FDP on “Disruptive Technology” at St.Peter's Engineering College	26.05.2020 to 30.05.2020
15.	Webinar on "Conversational Bot Design", IETE-Mumbai in Association with PANTECH	30 th May 2020

LIST OF PROGRAMMES ORGANISED

S.No	Name of the Programme Organised	DATE
1.	Guest Lecture on “Database Management Systems”	14.02.2020

Membership in Professional Bodies

Indian Society for Technical Education (ISTE)

Name	V.SOWMITHA			
Designation & Department	ASSISTANT PROFESSOR & COMPUTER SCIENCE AND ENGINEERING			
Qualification	M.E			
Area of Specialization	WIRELESS SENSOR NETWORKS			
Date of Joining (KSR IET)	01-08-2019			
Experience (as on 01.06.2020)	Teaching:10 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals: 04			

Number of Papers Presented	National Conferences : 02	International Conferences : 03
Books Published	National Publisher : 00	International publisher 00
Contact Details	E Mail: sowmitha002@gmail.com	Mobile: 9865545759

Publications (International Journals)

- Sowmitha.V, Senthilkumar.V “A Cluster Based Weighted Rendezvous Planning for Efficient Mobile-Sink Path Selection in WSN”IJSRD International Journal for Scientific Research & Development, Volume 2, Issue 11, January 2015,pp.no 514-517
- Sowmitha.V, Senthilkumar.V “Ant Colony Algorithm for Optimal Mobile-Sinks Path Selection in Heterogeneous WSN”IAER International Journal of Applied Engineering Research, Volume 10,Issue 9,April 2015,pp.no 7150-7153
- Sowmitha.V, Prakashma.V, Gopinath.V and R.Sathyapriya "Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks" in Journal of IJESC ISSN 2321 3361 Vol 10, Issue 4, 2020pp.no 722-731
- Prakashma.V, Sowmitha.V, and Vimala Devi.M "A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs" in Journal of Xi'an University of Architecture & Technology ISSN No : 1006-7930 Volume XII, Issue VI, 2020

Publications (International Conferences)

- Sowmitha.V, Nithya.P, Suguna.K, Kanagaraju.P“Projective Clustering for Outlier Detection in Non-axis Aligned Subspace”in the International Conference ICICIC’13 held on January9,10 and 11 at Sasurie College of Engineering, Tamilnadu, India
- Sowmitha.V, Senthilkumar.V “A Cluster Based Weighted Rendezvous Planning for Efficient Mobile-Sink Path Selection in WSN”in the International Conference ICSEE’15 held on March 4 at Surya Engineering College, Tamilnadu, India
- Sowmitha.V, Senthilkumar.V “Ant Colony Algorithm for Optimal Mobile-Sinks Path Selection in Heterogeneous WSN”in the International Conference ICETS’15 held on March 5 and 6 at Muthayammal College of Engineering, Tamilnadu, India


Publications (National Conferences)

- Sowmitha.V, Pavithra.S “Biometrics In Secure E-Transaction” NCCINS’12 Org. by Vivekanandha College of Engineering For Women, held on15thFebruary2012
- Sowmitha.V, “Energy Efficient Routing in Wireless Sensor Networks” NCRIICT’14 Org. by K.S.Rangasamy College of Technology, held on 13thMarch 2014

Training Offered

LIST OF TRAINING PROGRAMMES ATTENDED


S.No	Name of the Programme	Period
1.	FDP on “Rural Immersion camp” at K.S.Rangasamy College of Technology, Tiruchengode	19/08/2019 to 23/08/2019
2.	FDP on” Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes” at KSR Institute for Engineering and Technology - Tiruchengode	19/11/2019 to 21/11/2019
3.	FDP on ATAL “Internet of Things (IoT)” at National Institute Of Technical Teachers Training And Research, Chandigarh	15/04/2020 to 19/04/2020
4.	Attended training on “ Advanced Java programming“ Aaron Technologies,salem	20/04/2020 to 27/04/2020
5.	FDP on ”Cyber Security “ at Swarnandhra College Of Engineering & Technology	15/05/2020 to 16/05/2020
6.	Attended workshop on “ Two-Day Online Industry Led Training on Amazon Web Services (AWS)” at R.M.K. Engineering College ,Andra pradesh	04/06/2020 to 05/06/2020
7.	FDP on ”Applications of IoT” at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	06/05/2020

Name	BOOBALAN.M			
Department & Designation	CSE & ASSISTANT PROFESSOR			
Qualification	M.E.,			
Area of Specialization	COMPUTER NETWORKS			
Date of Joining (KSR IET)	02-08-2021			
Experience (as on 01.06.2021)	Teaching:5	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 00	

Books Published	National Publisher 00 International publisher 00
Contact Details	EMail:boobalan@ksriet.ac.in Mobile:7667777017

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	03-01-2022	08-01-2022	STTP on Cyber Security: Challenges and Technologies-	-
2.	10-02-2022	12-02-2022	National Workshop on Applications of Deep learning in Computer Vision	

Name	A.SUHANA			
Department & Designation	Dept of Computer Science Engineering & Assistant Professor			
Qualification	B.E.,M.Tech.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	11-08-2021			
Experience (as on)	Teaching:3 Years & 2 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 01	
Number of Papers Presented	National Conferences : 00		International Conferences : 01	

Books Published	National Publisher : 00 International publisher : 00
Contact Details	E Mail: suhana.ksr2021@ksriet.ac.in Mobile:9677384870

Publications (International Journals)

1. Suhana A, HajMeeral M and Manikandan R “Snippet Search System in Android Environment using Vector Based Ranking Model” IJMTE International Journal of Management Technology and Engineering ,Volume 9,Issue III, March 2019

Publications (International Conferences)

1. Suhana A, Priya M and Yogalakshmi R “Metaheuristic Approach for maximizing the lifetime of Hetrogenous Wireless Sensor Networks” in the International Conference in Innovative Computing and Information Processing held on March 29,30,31 at Mahendra Engineering College, Tamilnadu

LIST OF TRAINING PROGRAMMES ATTENDED

S.No.	Programme Name	Period	No. of days
1.	Attended workshop on “one day workshop on SPSS” at The Quaide Milleth College For Men, Chennai	06.01.18	01
2.	Participated in workshop on “one day workshop on Linux” at B.S.Abdur Rahman University, Chennai	01.09.12	01
3.	Undergone training on “Infosys Campus Connect Life Skills Program” at Mahendra Engineering College, Mallasamudram	09.09.11	01
4.	Attended training in “Fundamentals of Telecommunications” at Bharat Sanchar Nigam Limited, Salem	06.12.10 to 10.12.10	05
5.	Attended Training on “Automation Testing and live Project at MNC” at ISTQ Solutions Pvt. Ltd, Bangalore	03.06.10 to 07.06.10	05
6.	Attended workshop on “Power of C” at Mahendra Engineering College , Mallasamudram	03.03.10	01

Name	C.MAHAVISHNU	
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Department & Designation	Assistant Professor/ CSE			
Qualification	B.Tech.,M.Tech.			
Area of Specialization	Information Technology			
Date of Joining (KSR IET)	18-08-2021			
Experience (as on)	Teaching:5.5	Industry:00	Others: 00	
Number of PapersPublished	National Journals : 00		International Journals : 00	
Number of PapersPresented	National Conferences : 02		International Conferences : 03	
Books Published	National Publisher : 00		Internationalpublisher : 00	
Contact Details	E Mail:mahavishnu.c@gmail.com Mobile:9629039155			

Publications (International& National Journals): NIL

Publications (International Conferences)

1. Presented a project paper titled “*compromised node detection and revocation in wireless sensor network using sequential hypothesis testing*” in International Conference, Sasurie college of Engineering, Erode.
2. Presented a paper titled “*key management in the cooperative groups for secure transmission of data*” in international conference on trends in Engineering (ICMACE’14), Tamizhan college of Engineering and Technology, Kanyakumari.
- 3.

Publications (National Conferences)

1. Presented a project paper titled “*compromised node detection and revocation in wireless sensor network using sequential hypothesis testing*” in National conference, Vellammal Engineering College, Chennai.
2. Presented a paper titled “*Improving MAPREDUCE jobs by using metadata*” in national conference on networking, intelligence and computing in Engineering (NCNIC’19), Kongu Engineering and Technology, Erode


Training Offered

LIST OF TRAINING PROGRAMMES ATTENDED

1. Two Days National Level Workshop on **Networking**, Sudharsan Engineering College.
2. **Presented a paper titled “Mobile Computing” in technical symposium.**
3. Two Days National Level Workshop on **Network and Security**, Anna University, Chennai.
4. Attended a **Faculty development Programme** in Muthayammal Engineering College, Namakkal.
5. Attended a **Faculty development Programme on Data science and Big Data Analytics** at Vivekanandha College of Engineering for Women, Tiruchengode.

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member

Name	Mrs.P.NITHYA			
Department & Designation	Assistant Professor/ CSE			
Qualification	B.E.,M.E.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	01-12-2021			
Experience (as on)	Teaching: 3.3	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 04	
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: pnithyacse@ksriet.ac.in		Mobile:9629126875	

PUBLICATIONS (INTERNATIONAL JOURNALS)

1. P.Nithya, “Personalized Diet System Based on Food Recognition Using Deep

Learning Algorithm”, IRJMETs: International Research Journal of Modernization in Engineering, Technology and Science, Volume 3, Issue 4, April 2021.

- 2. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”, IJIRCCE: International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Issue 3, March 2021.**
- 3. P.Nithya, “Preserve Privacy Data Using sTile Method”, IJIRETC : International Journal of Innovative Research in Engineering, Technology and Science, Volume 3, Special Issue 1, February 2014.**
- 4. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”, IJIRCCE: International Journal of Innovative Research in Computer and Communication Engineering.**

PUBLICATIONS (INTERNATIONAL CONFERENCES)

- 1. P.Nithya, “DIGI ELECT (Online Voting System)” International Conference on Science and Innovative Engineering 2022” in Jawahar Engineering College, Chennai.**
- 2. P.Nithya, “Preserve Privacy Data Using sTile Method” International Conference on Engineering, Technology and Science (ICETS’14) in Muthayammal College of Engineering.**

PUBLICATIONS (NATIONAL CONFERENCES)

- 1. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”, National Conference on Innovation and Technology in Computer Science (NCITSCS’14) in Mahendra Engineering College for Women.**

LIST OF TRAINING PROGRAMMES ATTENDED

- 1. Attended Certificate Course on DIGITAL TEACHING TECHNIQUES UNDER R SYSTEM WOMEN EDUCATORS EMPOWERMENT PROGRAM from 2nd February 2023 to 17th February 2023 conducted by ICT Academy.**
- 2. Attended Faculty Development Program on MICROSOFT POWER BI DATA ANALYST ASSOCIATE from 26th December 2022 to 30th December 2022 at KSR Institute for Engineering and Technology.**
- 3. Attended One Day Workshop on WORKPLACE COMMUNICATION on 27th August 2022 at KSR Institute for Engineering and Technology.**

4. **Attended Webinar on LATEST RESEARCH IN IoT DATA DRIVEN ANALYSIS – SMART MANUFACTURING ON 17th July 2022.**
5. **Attended Faculty Development Program on MICROSOFT AZURE AI ENGINEER ASSOCIATE from 23rd May 2022 to 27th May 2022 at Kongu Engineering College.**
6. **Attended Faculty Development Program on ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING from 14th March 2022 to 19th March 2022 conducted by Electronics and ICT Academy.**
7. **Attended Faculty Development Program on BLOCK CHAIN TECHNOLOGY from 28th February 2022 to 4th March 2022 conducted by All India Council for Technical Education(AICTE) at Indian Institute of Information Technology, Dharwad.**
8. **Attended Faculty Development Program on ARTIFICIAL INTELLIGENCE-N DIMENSIONAL : AI ETHICS from 23rd February 2022 to 27th February 2022 conducted by Poornima Institute of Engineering and Technology.**
9. **Attended Faculty Development Program on APPLICATION OF INNOVATIVE SOFT TOOLS AND TECHNIQUES IN RESEARCH on 22nd February 2022 conducted by Vivekanandha College of Technology for Women.**
10. **Attended Faculty Development Program on MICROSOFT AZURE FUNDAMENTALS on 16th February 2022 to 18th February 2022 conducted by ICT Academy.**
11. **Attended Workshop on APPLICATIONS OF DEEP LEARNING IN COMPUTER VISION from 10th February 2022 to 12th February 2022 at Sri Sivasubramaniya Nadar College of Engineering.**
12. **Attended AICTE sponsored Six-days online Short Term Training Program on INTERNET OF THINGS(IoT) WITH BLOCKCHAIN - APPLICATIONS AND CHALLENGES (SERIES 2) from 4th January 2021 to 9th January 2021 conducted by Velalar College of Engineering and Technology.**
13. **Attended National Webinar on DATA ANALYTICS AND ITS EVOLVING - AROUND US on 31st December 2020 conducted by Vinayaka Mission's Kirupananda Variyar Engineering College.**
14. **Attended Faculty Development Program on AUGMENTED REALITY(AR)/VIRTUAL REALITY(VR) from 7th December 2020 to 11th December 2020 at Velalar College of Engineering and Technology.**
15. **Attended Webinar on PYTHON PROGRAMMING : A PRACTICAL APPROACH held in University College of Engineering – BIT Campus on 12th June 2020.**

16. Attended Webinar on AUGMENTING SECURITY THROUGH INTELLIGENCE held in Sona College of Engineering on 26th June 2020.
17. Attended Workshop on CLOUD COMPUTING(ATCC'13) held in Shanmugha College of Engineering and Technology.
18. Attended Workshop on ETHICAL HACKING(aBaCUS'10) held in Anna University, Chennai.

Name	ANISPREMKOILRAJ P			
Department & Designation	CSE & AP			
Qualification	M.E.,			
Area of Specialization	PROGRAMMING LANGUAGES			
Date of Joining (KSR IET)	05-01-2022			
Experience (as on 05.01.2021)	Teaching:0	Industry:00	Others: 00	
Number of Papers Published	National Journals	01	International Journals	01
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher	00	International publisher	00
Contact Details	EMail:anispremkoilraj@gmail.com		Mobile:6380963155	


Publications (International Journals)


1. Anispremkoilraj P , Dr.A.Rajiv Kannan , Dr.V.Vennila , Dr.V.Sharmila ,Mrs.S.Savitha “A Survey on Personalized Market Basket Prediction using TARS Based Predictor”, International Journal of Innovative Research in Computer and Communication Engineering, e-ISSN: 2320-9801, p-ISSN: 2320-9798 www.ijircce.com Impact Factor: 7.488 Volume 8, Issue 12, December 2020 .


Publications (National Journals)

2. Anispremkoilraj P , Dr.A.Rajiv Kannan , Dr.V.Vennila , Dr.V.Sharmila ,Mrs.S.Savitha “Personalized Market Basket Prediction Turkish Online Journal of Qualitative Inquiry (TOJQI), ISSN:2485- 2493, Volume 12, Issue 3, July 2021.

Name	Ms.A.Priyadharshini			
Designation & Department	Assistant Professor & CSE			
Qualification	B.E., M.E. CSE			
Area of Specialization	Artificial Intelligence			
Date of Joining (KSR IET)	13.07.2022			
Experience (as on 01.06.2022)	Teaching: 1Years 01 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals : 00			
Number of Papers Presented	National Conferences : 01 International Conferences : 00			
Books Published	National Publisher : 00 International publisher : 00			
Contact Details	E Mail: priyakrisharul@gmailcom Mobile: 9500739262			

Name	Mr.C.KARTHIKEYAN			
Designation & Department	Assistant Professor & CSE			
Qualification	M.E(CSE)			
Area of Specialization	Data Science			
Date of Joining (KSR IET)	20.07.2022			
Experience (as on 01.06.2022)	Teaching: 05 years 07 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: ckarthikeyan.mecse@ksriet.ac.in		Mobile: 9942598747	

Name	Mr.V.KARTHI			
Designation & Department	Assistant Professor & CSE			
Qualification	B.Tech.,M.E.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	20-10-2022			
Experience (as on 01.06.2022)	Teaching: 09 years 02 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 02		International Conferences : 03	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: karthimecse123@ksriet.ac.in		Mobile: 9790619919	


Name	Mr. S. SELVARASU			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil., SET.,			
Area of Specialization	Oscilatory and Asymptotic Behaviour of Solutions of Difference Equations			
Date of Joining (KSR IET)	03.06.2019			
Experience (as on 01.06.2022)	Teaching: 11 years 10 Months	Industry:00	Others: 00	
Number of Paners Published	National Journals : 00		International Journals : 00	
Number of Paners Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: rasuselvarasu1985@ksriet.ac.in		Mobile: 9976979700	

Membership in Professional Bodies:

MISTE

Name	Mrs. S. BHUVANESHWARI			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	Difference Equations			
Date of Joining (KSR IET)	01.11.2021			
Experience (as on 01.06.2022)	Teaching: 05 years 07 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: bhuvimaths86@ksriet.ac.in		Mobile: 9787840935	

Membership in Professional Bodies
ISTE

Name	Dr.S.ANAND			
Designation & Department	Assistant Professor & CHEMISTRY			
Qualification	M.Sc., M.Phil.PhD.,			
Area of Specialization	Polymer Chemistr			
Date of Joining (KSR IET)	19.09.2022			
Experience (as on 01.06.2022)	Teaching: 04 years 09 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 01 International Journals : 13			
Number of Papers Presented	National Conferences : 07 International Conferences : 12			
Books Published	National Publisher : 00 International publisher : 00			
Contact Details	E Mail: dnanapoly@ksriet.ac.in Mobile: 7402672511			

Publications (International Journals)

- 1.Subramani Manigandan, Athianna Muthusamy, Raju Nandhakumar, Charles Immanuel David, **Siddeswaran Anand**, Synthesis, characterization, theoretical investigations and fluorescent sensing behavior of oligomeric azine-based Fe³⁺Chemosensors, (**Impact Factor–2.161**)
2. **Siddeswaran Anand**,, Athianna Muthusamy, Sengottuvelu Dineshkumar, Synthesis, characterization, electrical and thermal properties of hydrazone polymers derived from 2,4–dinitro phenyl hydrazine *J.Mole. Struct*, **2022**, 1248, 131502. (**Impact Factor–3.196**)
3. Sengottuvelu Dineshkumar, Athianna Muthusamy & **Siddeswaran Anand**, High Temperature Stable Conjugated Polyazomethines Containing Naphthalene Moiety: Synthesis, Characterization, Optical, Electrical and Thermal properties, *J. Spectrochimi Acta*, **2021**, 246, 118989.(**Impact Factor–4.098**)
4. **Siddeswaran Anand**, Athianan Muthusamy, Synthesis, characterization, electrochemical, electrical, thermal and ESIPT behaviour of oligobenzimidazoles of certain substituted benzimidazole carboxylic acids and their diode applications. *J.Mole. Struct* **2019**,1177, 78-89. (**Impact Factor–3.196**)

5. **Siddeswaran Anand**, Athianan Muthusamy & Nagarajan Kannapiran, Synthesis, characterization, thermal, electrical and electrochemical studies of oligo nitrobenzimidazoles and their p–n diode applications. *J. Mater. Sci.* **2018**, 13429-13441, 29 (16). (**Impact Factor–4.22**)
6. **Siddeswaran Anand**, Athianna Muthusamy, Sengottuvelu Dineshkumar & Nagarajan Kannapiran. Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles, *J. Macromol. Sci, Part A: Pure & Appl. Chem.* **2018**, 55 (3), 243-252. (Impact Factor–1.349)
7. Athianan Muthusamy, Vajaravel jawahar, Nagarajan Kannapiran, **Siddeswaran Anand**, Sher sing meena, & S. M.Yusuf, Preparation, Electrical and Magnetic Properties of Poly (m-phenylenediamine) /ZnFe₂O₄ Nanocomposites, *J. Supercond. Nov. Magn.* **2018**, 31 (2), 497-504. (**Impact factor–1.344**)
8. Nagarajan Kannapiran, Athianan Muthusamy, **Siddeswaran Anand** & Rajan Jayaprakash , Synthesis, Structural, Magnetic and Electrical Characterization of Poly (o-phenylenediamine) /CoFe₂O₄ Nanocomposites, *J. Supercond. Nov. Magn*, **2018**, 31 (5), 1489-1497. (**Impact factor–1.344**).
9. **Siddeswaran Anand**, Athianan Muthusamy, Sengottuvelu Dineshkumar, J. Chandrasekaran Oxidative polycondensation of benzimidazole using NaOCl: Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles, *J Mole. Struct*, **2017**, 1147, 351-363. (**Impact Factor–3.196**)
10. **Siddeswaran Anand**, Athianna Muthusamy, Optical, thermal and electrical properties of polybenzimidazoles derived from substituted benzimidazoles, *J.Mole.Struct*, **2017**, 1148, 254-265. (**Impact Factor–3.196**)
11. **Siddeswaran Anand**, Athianna Muthusamy, Synthesis and Characterization of Oligobenzimidazoles: Electrochemical, Electrical, Optical Thermal and Rectification properties, *J. Mole. Struct.* **2017**, 1155, 349-361. (**Impact Factor–3.196**)
12. Nagarajan Kannapiran, Athianan Muthusamy, Palanisamy Chitra, **Siddeswaran Anand** & Rajan Jayaprakash, Poly (o-phenylenediamine)/NiCoFe₂O₄ nanocomposites: Synthesis, characterization, magnetic and dielectric properties, *J. Magnetism.Magn. mater*, **2017**, 423, 208-216, (**Impact Factor–2.993**)
13. Sengottuvelu Dineshkumar, Athianna Muthusamy, Palanisamy Chitra & **Siddeswaran Anand**, Synthesis, characterization, optical and electrical properties of thermally stable polyazomethines derived from 4, 4'-oxydianiline, *J. Adhes. Sci. Tech.*, **2015**, 29, 2605. (**Impact Factor–2.07**)

SCIENTIFIC CONFERENCES

Publications (National Journals)

K. Kaliraj, A. Muthusamy, Sengottuvelu Dineshkumar, Palanisamy Chitra, **Siddeswaran Anand**. Synthesis and Characterization of Phosphorous Containing NLO Polymers, *J. Environ. Nanotech* **2013**, 2, 01-05.

DEPARTMENT OF CSE(CS)


Name	Mrs. G. PUSHPALATHA			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil., B.Ed., SET, (Ph.D).,			
Area of Specialization	Fluid Dynamics			
Date of Joining (KSR IET)	01.07.2022			
Experience (as on 01.06.2022)	Teaching: 11 years	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 13	
Number of Papers Presented	National Conferences : 01		International Conferences : 05	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: lathaasakthivel@gmail.com		Mobile: 9789505240	

Publications (International Journals)

S. No.	Name of Journal	Title of the paper	ISSN/ISBN Number	Volume & Issue Page No.
1.	International Journal Of Engineering Science and Computing	Higher Derivative Estimates for the 3D Navier Stokes Equation	ISSN 2 321 - 3361	6 (8), 2016, 2298-2302
2.	Imperial Journal Of Interdisciplinary	Function Spaces for Axisymmetric	ISSN 2454-1362	2(9) , 2016, 1572-1576
	Research	Solenoidal Vector Fields		

3.	Imperial Journal Of Interdisciplinary Research	Study on Hamilton - Jacobi Equations in the Wasserstein Space	ISSN 2454-1362	2(9) , 2016, 1467-1471
4.	Imperial Journal Of Interdisciplinary Research	Conservation Laws of Free Boundary Problems and the Classification of Conservation Laws for Water Waves	ISSN 2454-1362	2(9) , 2016, 1488-1491
5.	Imperial Journal Of Interdisciplinary Research	Euler Poisson System as Action Minimizing Paths in the Wasserstein Space	ISSN 2454-1362	2(9),2016, 1555-1560
6.	International Journal For Scientific Research & Development	Two Term Linear Fractional Nabla Difference Equations	ISSN 2321-0613	5(9),2018 584-588
7.	International Journal Of Trend in Scientific Research & Development	Three Term Linear Fractional Nabla Difference Equations	ISSN 2456-6470	2(3),2018 594-600
8.	International Journal For Scientific Research & Development	Odd-Order Nonlinear Neutral Functional Differential Equations of H^*	ISSN 2321-0613	5(12),2018 566-568
9.	International Journal For Scientific Research & Development	A Singular Initial Value Problem for third Order Differential equations	ISSN 2321-0613	5(12),2018 569-573
10.	International Journal Of Trend in Scientific Research & Development	Affine Control Systems on Non-Compact Lie Group	ISSN 2456-6470	2(5),2018 2202-2204

11.	International Journal Of Trend in Scientific Research & Development	Singular Third Order Multi point Boundary Value Problems at Resonance	ISSN 2456-6470	2(3),2018 623-626
12.	International Journal Of Trend in Scientific Research & Development	Oscillation of Even Order Non-Linear Neutral Differential Equations Of E	ISSN 2456-6470	2(3),2018 632-637
13.	Journal Of Statistics and Mathematical Engineering	Enslavement of Vorticity for the 2D Eular - $\beta\theta$ Equations	e-ISSN 2581-7647	5(2),2019, 22-28

Name	Mrs. P.RATHIKA			
Designation & Department	Assistant Professor			
Qualification	M.E			
Area of Specialization	WIRELES SENSOR NETWORKS AD-HOC NETWORKS			
Date of Joining (KSR IET)	07.11.2022			
Experience (as on 01.06.2022)	Teaching: 08 years 06 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals : 00			
Number of Papers Presented	National Conferences : 01 International Conferences : 01			
Books Published	National Publisher : 00 International publisher : 00			
Contact Details	E Mail: rathikasenthilrajan@gmail.com Mobile: 9488143131			

Membership in Professional Bodies

ISTE

CURRICULAM VITAE

Dr.R.NANDAKUMAR,
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K S R Institute for Engineering and Technology,
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ACADEMIC CHRONICLE

- ❖ **Ph.D. in Information & Communication Engineering** from Anna University, Chennai, March 2017
- ❖ **M.E. in Applied Electronics** from K.S.Rangasamy College of Technology, Tiruchengode, **Anna University, 2006** with an aggregate of **80% (Distinction).**
- ❖ **Bachelor of Electronics and Communication Engineering** from K.S.Rangasamy College of Technology, Tiruchengode, **University of Madras, 2000** with an aggregate of **68%**

TEACHING EXPERIENCE – 23Years

Institution	Designation	Experience	Duration
K.S.R. Institute for Engineering & Technology	Professor & Director	2 years 4 months	November 2020 to till date
K.S.R. Institute for Engineering & Technology	Professor & Head / ECE	3 years & 8 months	March 2017 to October 2020
K.S.R. Institute for Engineering & Technology	Associate Professor & Head / ECE	2 Years & 8 months	July 2014 to February 2017
K.S.R. Institute for Engineering & Technology	Assistant Professor & Head / ECE	3 years	July 2011 to June 2014
K.S.Rangasamy College of Technology, Tiruchengode.	Assistant Professor	3 years	July 2008 to June 2011
K.S.Rangasamy College of Technology, Tiruchengode.	Senior Lecturer	2 years	July 2006 to June 2008
K.S.Rangasamy College of Technology, Tiruchengode.	Lecturer	5 years & 1 month	June 2001 to June 2006
HEA Polytechnic, Bangalore	Lecturer	1 year	June 2000 to May 2001

International Journals: 21

- (1) Detection of Diabetic Retinopathy from Retinal Images Using DenseNet Models. **COMPUTER SYSTEMS SCIENCE AND ENGINEERING**. 2023 Jan 1;45(1):279-92.
- (2) LSTM Based Spectrum Prediction for Real-Time Spectrum Access for IoT Applications. **Intelligent Automation & Soft Computing**. 2023 Mar 1;35(3).
- (3) An IoT- Enabled Augmented Reality Framework for Plant Disease Detection. **Revue d' Intelligence Artificielle**, vol.35, No. 3, June 2021, pp. 185 – 192.
- (4) "A Survey on Mathematical, Machine Learning and Deep Learning Models for COVID-19 Transmission and Diagnosis." **IEEE reviews in biomedical engineering** (2021).
- (5) "Smart bi-facial solar inverter with effective charging system." **Materials Today: Proceedings** (2021).
- (6) "An improved two-way secure key supervision (tsks) scheme for secure scada." **Materials Today: Proceedings** (2021).
- (7) "SMART SHOE USING PIEZOELECTRIC EFFECT " **Suraj Punj Journal For Multidisciplinary Research**. Volume 11, Issue 4, 2021, pp. 290 - 293, ISSN NO: 2394-2886.
- (8) "INTELLIGENT LUMINOUS CONTROL" **Suraj Punj Journal For Multidisciplinary Research**. Volume 11, Issue 4, 2021, pp. 294 - 298, ISSN NO: 2394-2886.
- (9) " Feature Extraction for the Classification of Human Chromosomes from G-Band Images using Wavelets " **International Journal of Engineering Research & Technology**. Volume 8, Issue 17, 2020, pp. 67 - 72, ISSN: 2278-0181
- (10) "Health Management Of Crop Precision With Smart Farming Technologies Using Iot." **Solid State Technology** 63.5 (2020): 5686-5692.
- (11) 'Detection of Abnormalities in Kidneys Using Image Processing', **International Journal of Emerging Trends in Engineering Research**, 8(10), October 2020, 6750 – 6756.

- (12) 'Deep learning based modulation classification for 5G and beyond wireless systems', **Peer-to-Peer Networking and Applications** (2020), <https://doi.org/10.1007/s12083-020-01003-3> (**Springer**)
- (13) 'Data-Driven Methods for Next Generation of Wireless Communication Networks', **International Journal of Advanced Trends in Computer Science and Engineering**, 9(4), July – August 2020, 4696 – 4700.
- (14) 'Speed-bump Detection using Otsu's Algorithm and Morphological Operation', **International Journal on Emerging Technologies** 11(3): 989-994(2020), ISSN No. (Print): 0975-8364, ISSN No. (Online): 2249-3255.
- (15) 'An Implementation of GFDM Transmitter for 5G Waveform Generation', **Journal of Xi'an University of Architecture & Technology** Volume XII, Issue VI, 2020, pp.1877-1882, ISSN No : 1006-7930.
- (16) 'A Review on Block Chain Technology Applications with an Emphasis on Health Care', **International Journal of Advanced Science and Technology** Vol. 29, No. 7s, (2020), pp. 4835 – 4839.
- (17) 'Analysis of Abnormalities In Common Carotid Artery Images Using Multiwavelets', **ICTACT Journal on Image and Video Processing**, vol. 7, no. 2, pp.345-1350, ISSN: 0976-9102.
- (18) 'Mathematical modeling of common carotid artery using polynomial interpolation by automated lumen segmentation and estimation of numerical attributes', **International Journal of Applied Engineering Research**, vol. 10, no. 20, pp. 18836-18842, ISSN: 0973-4562.
- (19) 'Automated boundary detection and measurement of common carotid artery attributes using transversal B –mode ultrasound images', **Australian Journal of Basic and Applied Sciences**, vol. 9, no. 27, pp. 181-186, ISSN: 1991-8178.
- (20) 'Feature Extraction and Pairing of G-band Chromosome Images using K-Nearest Neighbour Classifier' **International Journal of 'Computer Science and Technology** vol. 3, no. 2, pp. 137-140, ISSN: 0976-8491.
- (21) 'A CAD System for Lung Nodule Detection using Neural Network' **International Journal of 'Biomedical Engineering and Consumer Health Informatics**, vol. 1, no. 1, pp. 35-38, ISSN: 0973-6727

International Conferences: 11

- (1) “ A Neural Network based Classifier for Lung Nodule detection” in International Conference on Global Trends in Bio medical Informatics: Research, Education and Commercialization organized by Sai’s Biosciences Research Institute Private Ltd, Chennai, January 2008.
- (2) “Prenatal detection of fetal abnormalities: A Review” in ‘Fifth International Conference on Medical Informatics & Telemedicine(MEDITEL 2008)’ organized by Medical Computer Society of India, December 2008.
- (3) “BIST pattern generation with LT-RTPG and 3-Weight Weighted random BIST” in ‘3rd International Conference on Intelligent systems and control’ organized by Karpagam College of Engineering, February 2009.
- (4) “Power optimized leading zero-counting and anticipation logic for high speed floating point units” in International Conference on ‘Future Engineering Trends – ICFET 2010’ organized by Saveetha School of Engineering, Chennai, April, 2010.
- (5) ‘Automatic Classification of Human chromosomes using G-band chromosome image’ at International Conference on ‘Science, Engineering and Technology’, December 2011.
- (6) ‘VLSI Implementation for efficient noise removal of Impulse noise using Image Denoising Techniques’ in the International Conference on ‘Advances in Electrical & Electronics, Information, Communication & Bio-Informatics sponsored by IEEE, IETE & CSIR., January 2012.
- (7) ‘Automatic pairing of Human chromosomes using G- band chromosome image’ at ‘International Conference on Molecular Medicine: MOLMED-2012 at VIT University.
- (8) ‘Automated Lumen segmentation and Estimation of Numerical attributes of Common Carotid Artery using Longitudinal B-mode Ultrasound Images’, in **IEEE-EMBS special topic conference on Point-of-Care(POC) Healthcare Technologies**, 16-18 January 2013, Bangalore. (**Scopus & h- index 1**)
- (9) “Mathematical Modeling of Common Carotid Artery Using Polynomial Interpolation by Automated Lumen Segmentation and Estimation of Numerical Attributes” in IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS) March, 2015.
- (10) Transform Domain Analysis of Common Carotid Artery Images using Multiwavelets for the Diagnosis of Cardiovascular Diseases in International Conference on Applications of Fractals and Wavelets, January 2015.

- (11) “Internet of Things: A survey and challenges on security and threats”, International conference on Advances in Computing, Communication, Automation and Biomedical Technology, December 2020.

National Conferences: 10

- (1) “Safety automation of cars using Embedded Microcontrollers” in ‘National Conference on Computational Intelligence and Network Security’ (NCCINS’07) at Vivekananda College of Engineering for Women, March 2007.
- (2) “FPGA Implementation of Nonzero clock skew circuits” in the fifth national conference on ‘ Application of Emerging Technologies’ at Adhiyaman College of Engineering, March 2008.
- (3) “A BIST TPG for high fault coverage and switching activity reduction” in ‘National Conference on Advances in communication systems’ organized by St.Joseph’s College of Engineering and Technology, Palai, March 2009.
- (4) ‘Integration of Generic Skills in Engineering Education: Paradigm Shift’ in 13th ISTE Annual Convention at K.S.Rangasamy College of Technology, October 2010
- (5) ‘Development of A Chromosome Recognition System Using Neural Network’ in the Second National Conference on System Design and Information Processing, February 2011 at Excel College of Engineering for Women.
- (6) ‘Feature Extraction and Classification of Chromosome Images by using Wavelet Transform’ in National Conference on Electronics System Informatics and Cybernetics’, March 2011 at PSNA College of Engineering and Technology.
- (7) ‘Development of an Automated Chromosome Classification System’ in the National Conference on ‘Telecommunication & Control Engineering’, January 2012 at PGP Institute of Technology.
- (8) ‘Automized Safe AC system in Cars’ in National Conference on “ Futuristic Automotive Technologies” March 2018 at Hindustan Institute of Technology.
- (9) ‘Design of Child Rescue Robot for Borewell accidents Using Raspberry-Pi in 2nd National Conference on “Cutting Edge Innovations in Engineering and Technology”, March 2019 at Cheran College of Engineering.
- (10) ‘Real Time Monitoring System for Aquaculture using IOT” in “Second National Conference on Emerging Engineering and Technology”, May 2020 at Vignana Bharathi Institute of Technology, Hyderabad.

SPONSORED RESEARCH

S.No	Title of the Project	Funding Agency	Amount	Role and period
1	An Image Processing System for Early Detection of Cardiovascular Diseases	AICTE - RPS	Rs 10,00,000	Co Investigator 2012-2015

PATENTS APPLIED

S.No	Title of the Invention	Application Number	Publication Date
1	A SYSTEM AND METHOD OF PESTICIDE DETECTION IN FRUITS AND VEGETABLES	202041032225	21.08.20
2	AN IMPROVED BELBIC CONTROLLER FOR PMBLDC MOTOR DRIVES USING EMOTIONAL LEARNING TECHNIQUES	202041030788A	07.08.20
3	DOOR HANDLE SANITIZER DISPENSER	20204102744A	10.07.20
4	A NOVEL METHOD FOR DETECTION OF QUALITY OF APPLES USING EDGE DETECTION APPROACH	202041025188A	19.06.20
5	A METHOD FOR RAINFALL PREDICTION USING ARTIFICIAL NEURAL NETWORKS	202011056465A	01.01.21
6	AN ARTIFICIAL INTELLIGENCE BASED SYSTEM TO ASSIST THE COMMUTE FOR VISUALLY CHALLENGED	202241052116A	23.09.22

SPONSORED PROGRAMMES ORGANISED

S.No	Title of the Programme	Funding Agency	Amount	Role and Academic year
1	Online Short Term Training Programme (STTP) on “Long Range (LoRa) Wireless Area Networks: A Futuristic Approach”	AICTE	Rs 3, 85,333	Coordinator 2020- 2021
2	FDTP on “EC6602 – Antenna and Wave Propagation”	Anna University	Rs 40,000	Co-coordinator 2017-2018

3	SDP on Pattern Recognition for Medicine: A Knowledge Engineering Approach	AICTE	Rs 6,00,000	Co-coordinator 2010-2011
4	Current and Future Trends in Medical Image processing and Analysis	AICTE	Rs 2,00,000	Organising Secretary 2008-2009

PROJECT CONTESTS GUIDED

S.No	Contest Name	Title of the project	Industry name	Year
1.	India Innovation Challenge Design Contest 2018	Robot Rescuer	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2018
2.	Student Project Scheme	Robot Rescuer	Tamil Nadu State Council for Science and Technology	2018
3.	Student Project Scheme	ARDUINO Based Automatic Engine Locking System For Overload Vehicles	Tamil Nadu State Council for Science and Technology	2017
4.	India Innovation Challenge Design Contest 2017	Autonomous Fire Fighting Robot Using MSP 430Launchpad	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2017
5.	India Innovation Challenge Design Contest 2016	Vehicle Driver Assistance System using MSP430 Controller	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2016
6.	Student Project Scheme	Accident prevention in hill station using ultrasonic sensor	Tamil Nadu State Council for Science and Technology	2016

AWARDS RECEIVED

“BEST TEACHER AWARD” from Junior Chamber International (JCI- Erode) 2018.

“BEST SUPERVISOR AWARD” from IE chapter, India.

“DISTINGUISHED PROFESSOR AWARD” from NOVEL RESEARCH ACADEMY, Puducherry, India

“BEST ADMINISTRATOR AWARD” from The Institution of Engineers (India)

“BEST DIRECTOR AWARD” from Knowledge Research Academy, Coimbatore

FUNDING PROPOSALS SUBMITTED 17

UG & PG PROJECTS GUIDED 23

GUEST LECTURES DELIVERED 62

PROGRAMMES PARTICIPATED 42

PROGRAMMES ORGANIZED 61

S.No	Title of the Book	Author(s)	Name of the Publisher	Year of Publish
1.	VLSI Design	Dr.R.Nandakumar G.Gowtham Raj	Charulatha Publications	2017-2018

PROFESSIONAL MEMBERSHIPS


- ❖ LIFE MEMBER of ISTE & IETE
- ❖ MEMBER IEEE

ADDITIONAL PROFESSIONAL RESPONSIBILITIES

- ❖ **Training & Placement Coordinator**, KSRIET for 10 years and coordinating skill development, skill assessment, corporate relations and campus recruitment.
- ❖ **Coordinator and Treasurer**, Staff Club, KSRIET for the past nine years and conducting staff welfare programs.
- ❖ **President, JCI TIRUCHENGODE KSRIET**, for the year 2108 & 2019 and organizing individual and community development programs.
- ❖ **Staff Coordinator for SELACE** – Society of Electronics And Communication Engineers

Association, KSRCT for six years. Organized National level Students symposiums, seminars, guest lectures, soft skill trainings, competitions and Hardware Exhibitions.

- ❖ **Placement Coordinator**, Dept of ECE, KSRCT for five years. Guided and Motivated the students in the placement activities. Trained the students for company Interviews and produced a very good placement record.
- ❖ **Secretary, Alumni Association**, KSRCT for two years and worked as joint secretary for six years.
- ❖ **Training Coordinator**, Training Cell, KSRCT for five years. Coordinated all training programs for soft skills and career competency Development.
- ❖ **CCD Coordinator**, KSRCT for five years. Designed Career Competency Development Course in Autonomous Curriculum. Developed syllabus, execution methodologies and coordinated training activities related to the course.

Name	P.GOVINDARAJU			
Department	ECE			
Qualification	B.E., M.E., M.B.A., (Ph.D).,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.03.2023)	Teaching:17Y 9M	Industry: -	Others: -	
Number of Papers Published	National Journals : - International Journals : 03			
Number of Papers Presented	National Conferences : 04 International Conferences : 01			
Books Published	National Publisher : 01 International publisher : -			

Contact Details	E Mail: pgovindaraju11@gmail.com Mobile: 9952255006
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Publications (International Journals)

1. P.Govindaraju, “Implementation of Automatic Fertigation System by Measuring the Plant Parameters”, [International Journal of Engineering Research & Technology \(IJERT\)](#), Volume. 3, Issue. 10, ISSN: 2278 – 0181, October – 2014.
2. P.Govindaraju, “Monitoring and Optimizing the State of Pollution of High Voltage Insulators Using Wireless Sensor Network Based Convolutional Neural Network” in [Microprocessors and Microsystems](#), ISSN: 0141-9331, Volume 79, November 2020.
3. P.Govindaraju, “Environmental Impact of High Voltage Insulator Quality Analysis using Improved Deep Learning Approach”, [Journal of Environmental Protection and Ecology](#), ISSN: 1311-5065, Volume 23, Issue 2, 2022.

Publications (National Journals) – NIL

Publications (International Conferences)

1. “Condition Monitoring of Transmission Line Insulators using PMU for Smart Grid Environment”, [International Conference on Intelligent & Advanced Systems](#), Kuala Lumpur, Malaysia on 15.08.16 to 17.08.16

Publications (National Conferences)

1. “Test Data Compression for IP Cores with multiple scan using Huffman Coding”, [National Conference on Communication and Signal Processing \(NCCSP-2009\)](#) organized by ELCOMM Association, Department of ECE, SSM college of Engineering, Komarapalayam on 21st March, 2009.
 2. “Multilevel Huffman Based Test Data Compression for IP Cores”, [National Conference on Advanced Communication and Computing](#) organized by Paavai College of Engineering, Namakkal on 2nd April, 2009.
 3. “Monitoring of High Voltage Transmission Line: A Survey of WSN Simulator Tools”, [13th National Conference on Emerging Scenario in Power Engineering and Electrical Drives \(eSpeed-2017\)](#) organized by Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode on 6 & 7th April, 2017.
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4. “Fingerprint based Medical Information and Online First Aid Recommender for emergency”, [National Level Web Conference – Advanced Electrical Computing & Communication Technology \(AECCT 2020\)](#) organized by Department of Electrical Sciences, Adithya Institute of Technology on 5th & 6th June, 2020.

Online Certification:

S.No	Name of the Course	Conducted by	Duration	Score
1.	Basic Electronics	NPTEL IIT, Bombay	Jan – Apr 2017	69% (Elite)
2.	Introduction to Philosophy	The University of Edinburgh and offered through Coursera	24.04.2020	-
3.	Getting Started with AWS Machine Learning	Amazon Web Services and offered through Coursera	28.04.2020	-
4.	Introduction to Calculus	The University of Sydney and offered through Coursera	03.05.2020	-
5.	Discover how metrics can boost funding and networking opportunities	Researcher Academy - Elsevier	24.04.2020	-
6.	Funding Hacks for Researchers	Researcher Academy - Elsevier	24.04.2020	-
7.	How to secure funding - ECR edition	Researcher Academy - Elsevier	24.04.2020	-

8.	Python Basics	Udemy	08.05.2020	-
9.	CNN for Computer Vision with Keras and Tensor Flow in Python	Udemy	08.05.2020	-
10.	Complete Machine Learning with R Studio – ML for 2020	Udemy	08.05.2020	-
11.	Python Programming Made Easy: A Concise Python Course	Udemy	09.05.2020	-
12.	Acreditation and Outcome Based Learning	NPTEL IIT, Madras	Aug – Oct 2022	76% (Elite + Silver)
13.	Teaching And Learning in Engineering (TALE)	NPTEL IIT, Madras	Jan – Feb 2023	62% (Elite)

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Electronics Devices and Circuits	Mr.P.Govindaraju Mr.M.M.Arun Prasath Mr.M.Udhayakumar	Scientific International Publishing House	2023

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	LoRa based wireless weather station monitoring	TNSCST	7500	Guide

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1.	FDP on “Embedded System ARM”	FDP	KSR Polytechnic College, Tiruchengode.	18.02.09 & 19.02.09

2.	FDP on “Essential skills for Effective Professionals”	FDP	PSG Polytechnic College, Coimbatore	07.03.09
3.	Workshop on “Real time Embedded Systems”	Workshop	Vi Microsystems Pvt. Ltd., Chennai	30.10.09
4.	Workshop on “Embedded System”	Workshop	Kongu Engineering College, Perundurai	11.12.09 & 12.12.09
5.	FDP on “Mind without Fear”	FDP	Anna University, Chennai	09.07.2012
6.	Two – week ISTE workshop on “Analog Electronics”	Workshop	IIT, Kharagpur	04.06.13 to 14.06.13
7.	AICTE Sponsored FDP on “Recent Technology in Optical WDM Networks, Burst Switching Networks and Sensor Networks: A Scalable Approach”	FDP	Excel College of Technology, Pallakkaplayam	08.07.13 to 20.07.13
8.	FDP on “VLSI Design Using Tanner and Mentor Graphics Tools”	FDP	Trident Techlabs Pvt. Ltd., Chennai	30.08.13 & 31.08.13
9.	TEQIP-II Sponsored one week FDP on “ Digital and Analog VLSI Design”	FDP	Coimbatore Institute of Technology, Coimbatore	20.11.13 to 26.11.13
10.	One day workshop on “Research Methodology”	Workshop	Anna University, Chennai	16.12.14
11.	One day workshop on “ Wireless Sensor Networks and its use in Internet of Things”	Workshop	Anna University, Chennai	20.11.15
12.	One day Seminar on “Opto Electronic Devices”	Seminar	M.P.N.M.J Engineering College, Chennimalai	28.09.16
13.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	09.11.16 to 11.11.16
14.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	01.11.17 to 03.11.17
15.	One day Seminar on “Cyber Security & Ethical Hacking”	Seminar	KSR Institute for Engineering and Technology	05.01.19
16.	Instructional and assessment char of OBE framework and hands-on practices for designing and mapping outcomes	Workshop	KSR Institute for Engineering and Technology	19.11.19 to 21.11.19

17.	One day Workshop on “Intellectual Property Rights”	Workshop	Annapoorna Engineering College	29.02.20
18.	Five Days Online FDP on “Advanced Simulation Tools of Electronics Engineers “	FDP	S.A. Engineering College, Chennai	27.04.20 to 01.05.20
19.	3 Days Online FDP on “MOODLE”	FDP	VIT, Chennai	13.05.20 to 15.05.20
20.	Webinar on “Computer Networking in Action Using Wireshark (A Packet Sniffer Tool”	Webinar	RVS College of Engineering and Technology, Coimbatore	28.05.20
21.	Webinar on “Accelerating industry 4.0 – A post Covid Paradigm”	Webinar	ICT Academy	25.05.20 to 29.05.20

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	07.09.19	-	One Day Workshop on “Modern Antenna Design”	
2.	22.09.16	23.09.16	Two day National level hands on Workshop on “ Networking & Security”	
3.	16.10.15	-	One Day workshop for Higher Secondary Physics Teachers	
4.	31.01.15	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
5.	07.01.14	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
6.	05.07.13	12.07.13	Electronic Circuits Design and Simulation – Tech+ 2013	

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51438)

Name	Dr.W.DEVAPRIYA			
Department	ECE			
Qualification	B.E., M.E., Ph.D.,			
Area of Specialization	DIGITAL IMAGE PROCESSING			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.03.2023)	Teaching: 16Y 2M	Industry: 1.5 Yrs	Others: -	
Number of Papers Published	National Journals:-International Journals:03			
Number of Papers Presented	National Conferences:10 International Conferences: 04			
Books Published	National Publisher: -International publisher:-			
Contact Details	EMail: w.devapriyya@gmail.com, wdevapriyya@ksriet.ac.in Mobile: 9442112071			

Publications:

International Journals

1. **Devapriya, W** & Nelson Kenned Babu, C 2016, 'Indian Traffic Sign Recognition Using HSV Color Model and Kernel Extreme Learning Machine', International Journal of Printing, Packaging & Allied Sciences, vol. 4, no. 5, pp. 3381-3391, ISSN: 2320-4387.
 2. **Devapriya, W**, Nelson Kennedy Babu, C & Srihari, T 2016, 'Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach', Circuits and Systems, vol. 7, pp. 2168-2175 ISSN: 2153-1293. IF – 0.88
 3. **Devapriya, W**, Babu, C & Srihari, T 2015, 'Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching', World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 9, pp. 1012- 1018. ISSN: 2010-3778. IF - 1.04
-

Funding Proposals Submitted

International Conferences

1. **Devapriya, W**, Nelson Kennedy Babu, C & Srihari, T 2015, ‘Advance Driver Assistance System (ADAS)—Speed Bump Detection’, IEEE International Conference on Computational Intelligence and Computing Research, Madurai, 10-12 December, 1-6. <http://dx.doi.org/10.1109/ICCIC.2015.7435753>
2. **Devapriya, W**, Nelson Kennedy Babu, C & Srihari, T 2015,2016, ‘Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach’, IEEE Sponsored World Conference on Futuristic Trends in Research and Innovation for Social Welfare(WCFTR'16) March 2016

National Conferences

1. **Dr. W.Devapriya**, ‘Multitasking Robot for modern Agriculture’, National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.
 2. **Dr. W.Devapriya** ‘Automatic face recognition System for Visually Impaired person’, National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.
 3. **Devapriya, W**&Nelson Kennedy Babu, C 2016, ‘Traffic sign Detection and Recognition using Support Vector Machine’, National Conference Trends in Engineering Applications and Management, Velalar College of Engineering and Technology, Erode, March.
 4. **Devapriya, W**&Nelson Kennedy Babu, C 2016, ‘Speed Bump Detection’, 2016NCRTET, KSR Institute for Engineering and Technology, March.
 5. **W.Devapriya**, ‘IoT Based GIS for Waste Disposal in Urban Scenarios’, International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17) KSR Institute for Engineering and Technology, 17.03.17
 6. **Devapriya. W**, 2008, ‘Image retrieval using soft label SVM based on log BaderFS’, National Conference on recent advanced in computer Technologies, Karunya University, 28.03.2008
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S.No	Title of The Programme	Name of the Funding Agency	Status	Academic Year
1.	Digital Marketing – Boon to Farmers’: Dissemination of Innovative TechnologyDIT 2019	TNSCST	Submitted	2018-2019
2.	STTP on -Internet Of Medical Things (IOMT) : Trends, Perspectives and Prospects of Machine Learning for Biomedical Applications	AICTE	Submitted	2018-2019
3.	FDTP on -EC6403 – Electromagnetic Fields	Anna University	Submitted	2015-2016

Project Contests Guided

S.No	Contest Name	Title of the project	Industry name	Year
1.	India Innovation Challenge Design Contest 2018		TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2018
2.	Student Project Scheme		Tamil Nadu State Council for Science and Technology	2018
3.	Student Project Scheme	Defusing The Bomb Using MSP430 and Android APP	Tamil Nadu State Council for Science and Technology	2017

4.	India Innovation Challenge Design Contest 2017	IOT Based GIS for Waste Disposal in Urban Scenarios	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	Received \$ 200 2017
5.	India Innovation Challenge Design Contest 2017	Defusing The Bomb Using MSP430 and Android APP	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2017

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

- Seminar on ‘Cyber security and Ethical Hacking’ KSRIInstitute for Engineering and Technology.
 - –Wavelet Video Processing Technology|| Dept of ECE, Nandha College of Technology
 - Writing Successful Proposal to Funding Agencies, R&D Cell, KSRIET
 - Seminar on –Research Methodology|| Dept. of EEE / KSRIET.
 - –Matlab and Simulink for Engineering and Research||, Design Tech Systems Limited at Hotel Zone by the Park, Coimbatore
 - National Seminar on – Deep Learning Challenges in Big Data Analytics||, SERB & Dept of ECE, KSRCT
 - Two days National Seminar, –Deep learning: Smart Tool for Big Data Challenge in Health Care||, Dept of ECE, KSRCT
 - Faculty Development Programme on –Medical Informatics Extraction Using Soft Computing Techniques||, Dept of ECE, KIOT
 - Workshop on –Microcontroller & ARM||, Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
 - Workshop on –Application of Mathematical Models in Digital Image Processing||, Dept of ECE / University College of Engineering, Dindigul
 - Seminar on –Agilent Measurement||, Agilent Technologies.
-

- AICTE Sponsored Faculty Development Programme on –Research and Reconfigurable Embedded System for Medical Science, Dept of EEE, KSRIET.
- National Workshop on –Mathematical Transform: Fundamentals and Research Applications Using MATLAB, Kongu Engineering College.
- Workshop on –Soft computing tools in Signal and Image Processing, Xavier Catholic College of Engineering.
- One day workshop, –Research opportunities in Digital Image Processing in today Scenario, Signal and Image Processing Research Centre, Sona College of engineering.
- National level workshop on –Digital Image Processing and its Applications, Cape Institute of Technology.
- National Workshop on –Research methodology for Engineering and Management, Dept of EEE, Kongu Engineering College.
- One day Workshop on –Recent Trends in advanced Communication Systems, Dept of ECE, Vivekanandha College of Engineering for Women.

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

- Workshop on –Signal and Image Processing using MATLAB Feb 2018
- Signal and Image Processing using MATLAB Department of ECE, K S R Institute for Engineering and Technology 03.02.18 Organized Value added course on – Project based Learning using Matlab, Dept of ECE, KSRIET
- Faculty Development Programme on –Foundation Programme on Electromagnetic field, EQUIP Foundation & K S R Institute for Engineering and Technology
- Faculty Development Workshop on –Linear Integrated Circuits, Dept. of ECE, KSRIET
- National Symposium on Acoustics, KSRIET.

Resource Person:

- Resource person to –MATLAB Onramp Course
 - Jury for Various conference and Symposium.
 - Acts as a resource person to –Introduction of Digital Image processing –, for Dept EEE, KSRIET.
 - Acts as a resource person for workshop on –Signal and Image Processing using MATLAB, for other college students.
-

Online Certificate:

- ✓ **Mentor certificate** and Elite Grade on –DIGITAL IMAGE PROCESSING|| NPTEL & SWAYAM, 2018
- ✓ MATLAB Onramp online Course
- ✓ Deep Learning Onramp Online course
- ✓ **Elite Grade** –Digital Image Processing||
- ✓ SQL Certification – Certified by Expert Rating

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Smart Home using IOET	Enthu Technology Solutions India PVT LTD No. 88, SSN Square, PeelameduPudhur, Coimbatore - 641 004, Tamil Nadu.

Membership in Professional Bodies


- ✓ **Indian Society for Technical Education (ISTE) - Life Member (LM 84491)**
- ✓ **International Association of Engineers – (IAENG) (Member No: 119627)**

Additional Professional Responsibilities

- ✓ Department National Board of Accreditation (NBA) Coordinator
- ✓ Domain lead for Signal & Image processing domain
- ✓ Project Coordinator
- ✓ Editor in Journal – international journal of Key Scientific Research for Industrial Engineering and Technology (ijKSRIET)

Subject Links

<http://ksriet.org/login.php>

Name	Dr.S.PREMALATHA			
Department	ECE			
Qualification	B.E., M.E., Ph.D			
Area of Specialization	Signal processing			
Date of Joining (KSR IET)	01-06-2017			
Experience (as on 01.03.2023)	Teaching:11Y 9 M	Industry:2Y 9M	Others: -	
Number of Papers Published	National Journals : - International Journals : 07			
Number of Papers Presented	National Conferences : 05 International Conferences : 02			
Books Published	National Publisher : - International publisher : -02			
Contact Details	E Mail: shineprem1@yahoo.co.in Mobile: 9942329398			

Publications (International Journals)

1. S.Premalatha & J.Muralidharan, “Modified FFT Algorithm and its application in Digital Image processing System”, **CIIT international Journal**, March 2011.
 2. S.Premalatha, “Voice Controlled Smart Wheelchair”, International Journal for Scientific Research and Development, april 2018.
 3. T Kesavamurthy, Mrs S Premalatha “Automated speech recognition system with noise consideration”. Journal of Electrical Engineering, feb 2020.
 4. Mrs S Premalatha, A Novel Step for the Enhancement of Security in ARIPORTS Using Optical Ideology
 5. Dr.S.Premalatha,” Gas Leakge Detector and Alert System on IOT”, International Journal
-

of Research and Analytical Reviews, march 2021.

6. Dr.S.Premalatha,” Smart electricity meter with billing system using IOT”, International Journal of Research and Analytical Reviews, march 2021.
7. Dr.S.Premalatha,” Flood Monitoring and Alerting System using IOT”, International Journal of Intellectual Advancements and Research in Engineering Computations, march 2022

Publications (National Journals) Nil

Publications (International Conferences)

1. “Speech Recognition System using Tolerant Adder”, **International conference on “VLSI Computation, Networking, Drives ,Image processing &System Design”**, 26 March 2015
2. “Flood Monitoring and Alerting System using IOT”, **International conference on Recent innovations in Robotics, Construction and Mechanical sciences**, June 10-11, 2022

Publications (National Conferences)

1. ”Speech Recognition using Error Tolerant Adder”, **National Conference on “Trends in Automotive parts Systems and Application”**, 20 & 21 March 2015
2. ”Border Alert System for Fisherman using GPS Technology”, **National Conference on “Advanced Information and System for sustainable Developments in Electrical and Electronics Engineering”**, 27 March 2015.
3. “An Enhanced Error Compensation Design for Fixed width modified Booth Multiplier”, **National conference on Recent Trends in communication, Computation & VLSI**, 21 February 2013.
4. “Modified FFT Algorithm and its application in Digital Image processing System”, **National conference on “Emerging Trends in Computer communication and Informatics”**, 10 & 11 March 2011.
5. “Error Tolerant Adder based DSP System”, **National Conference on “NCNICS”** in SNS College of Technology, 17 February 2011.

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Research Methodology	seminar	Dept. of EEE / KSRIET	05 th August 2017
2.	The role of embedded	FDP	Hindusthan Institute	27 th to 31 th

	systems in IOT		of Technology	May 2019
3.	VIRTUAL LABS	FDP	PALS	14 th to 18 th September 2020
4.	Bloom's Taxonomy- Higher Order Thinking Skills In Electronics and Communication Engineering	STTP	Saveetha Engineering College	25 th to 29 th May 2020
5.	Outcome Based Education & Assessment of CO-PO Attainment	workshop	KSRIET	24th September 2021.
6.	Science-Engineering- Technology Synergy for Sustainable Growth	FDP	SRM university	25th September 2021.
7.	Renewable Energy Systems	FDP	Jarusalem college of Engineering	29th to 30th September 2021
8.	Deep Learning For Computer Vision,Speech And NLP:Research And Appllication Perspective	FDP	PSG CVSR,PSG College of Technology	27 th june 2022 to 01 st july 2022
9.	Workshop on "Workplace Communication"	Workshop	K S R Institute For Engineering and Technology, Tiruchengode	27 th august 2022
10.	IP awareness program under National Intellectual Property awareness mission	FDP	Intellectual Property Office, India with KSRIET, Tiruchengode	23 rd November 2022
11.	FDP on Restructuring Classrooms	FDP	HR Cell, K S R Institute of Engineering and Technology	03 rd December 2022
12.	NPTEL online certification course on Accreditation and Outcome Based Learning (ELITE)	FDP	NPTEL	-
13.	FDP on Accreditation and Outcome Based Learning	FDP	NPTEL	2022-2023
14.	FDP on Microsoft Power BI Data Analyst Associate	FDP	ICT Academy	26 th to 30 th December 2022

Book chapter published:

AUTHOR NAME	BOOK NAME	CHAPTER NAME	PUBLISHER	YEAR OF PUBLICATION
Dr.S.Premalatha	Big data management in sensing Applications in AI and IOT	Forecasting Time Series Data Using ARIMA and Facebook Prophet Models	River publishers and also published in IEEE xplore	2021 ISBN:978-87-7022-415-4 (Handbook) 978-87-7022-414-7 (Ebook)
Dr.S.Premalatha	Challenges and Risks Involved in Deploying 6G and NextGen Networks	Augmentation of Terahertz Communication in 6G and its dependency for future state-of-the-Art technology	IGI Global	9781668438046

Patents Applied and Published Details:

S.No.	Patent Title	Applicants Name	Patent Date	Filed	Patent Status (Applied/Filed/Granted)
1.	Intelligent irrigation control system in agriculture area using IOT and Sensor.	Dr.S.Premalatha	04.03.2023 Patent number 202311014562 A		Published Date: 17/03/2023

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM)

Name	Dr.S.JAYACHITRA			
Department	ECE			
Qualification	B.E., M.E., Ph.D.,			
Area of Specialization	Wireless Communication			
Date of Joining (KSR IET)	01-06-2021			
Experience (as on 01.03.2023)	Teaching: 15.5 Years	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals : 10	
Number of Papers Presented	National Conferences : 4		International Conferences : 7	
Number of Patents	Filed 3 patent			
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: jchitraece@gmail.com Mobile: + 91 9487732056			

PUBLICATIONS 10

International Journals: 10

- (1) 'A Novel Method for Small Delay Defect Detection Using Glitch Detector'- in IJAICT Journal Volume1, Issue2, June 2014.
- (2) 'MTCMOS Design for Effective Voltage Drop Control'- in IJAICT Journal Volume1, Issue2, June 2014.
- (3) 'An Energy Conserved Route Discovery Using node Partitioned Cluster Routing in Manet' - in Anna University Annexure2 journal named **Australian Journal of Basic and Applied Sciences**, 9(10) Special 2015, Pages: 326-334 IS.
- (4) 'Energy – efficient Polynomial Time Resource Channelized Framework for DataCommunication in MANET', Asian Journal of Information Technology, Medwell Journals, vol. 15, no. 12, pp. 1987-1995.2016.
- (5) 'Secured QoS Routing and Data Communication in Mobile Ad Hoc Network', Asian Research Consortium, Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 8, pp. 267-281.2016.

- (6) **‘A Study on Algorithm for Compression and Decompression of Embedded Codes using Xilinx’**, Indo-Iranian Journal of Scientific Research (IIJSR), (Peer Reviewed Quarterly International Journal) Volume 2, Issue 4, Pages 31-36, Oct-Dec 2018.
- (7) **“An Enhanced Method Of Secured Energy - Efficient Data Communication in Manet For Emergency Rescue Operation”**, International Journal of Engineering and Advanced Technology (IJEAT)- ISSN: 2249 – 8958, Volume-9, Issue-1S2, December 2019.
- (8) **‘Automatic Ration Distribution System Using IoT with Anti theft and Anti-spill alarm International Journal of Engineering Research and Applications-** ISSN: 2248-9622, May-2020.
- (9) **‘Task Scheduling In Cloud Computing Using Ica And Crow Search Algorithms , Bioscience Biotechnology Research Communications Special Issue Volume 13 Number (6) 2020, ISSN: 0974-6455, Dec-2020.**
- (10) Published a Paper Titled **IOT Based Coal Mine Workers Safety Monitoring And Alerting System** in the year 2022 International Journal of Intellectual Advancements and Research in Engineering Computations Volume 10 ISSUE 2, ISSN :2348-2079.

International Conferences: 7

- 1 **An Energy Efficient Communication Scheme for Mobile Ad-hoc Networks**, International Conference, 1st and 2nd April 2010, Vivekanandha College of Engineering for Women.
- 2 **A Successful Progress For Hierarchical Routing Proposal form in Wireless Ad-Hoc Network Through Polychromatic Sets**, International Conference on Emerging Technology (ICET-2014) held at 2nd March 2014, Paavai Engineering College.
- 3 **Attended International conference on Emerging Technology and Presented Paper Titled ENHANCED ICTCP TO AVOID CONGESTION CONTROL IN WSN at Paavai Engineering College .**
- 4 **Driver stress detection using inertial motion and EEG sensor in International Conference on Applied Sciences Engineering and Technology** held at Sengunthar College of Engineering.
- 5 **Monitoring of Bone Setting During Rehabilitation Using Flex Sensors in International Conference on Applied Sciences Engineering and Technology** held at Sengunthar College of Engineering.
- 6 **“An Enhanced Method Of Secured Energy - Efficient Data Communication in MANET For Emergency Rescue Operation”**, in International Conference on Latest Trends in Science, Engineering and Technology at Karpagam Engineering college Coimbatore.
- 7 Presented a paper titled **Smart Crop Protection System for agriculture against animals and Environmental Impacts using IoT**, in International conference on Innovation towards Sustainable Development goals conducted by Sathyabama TBI and Enthutech solutions on 09.04.2023.

National Conferences: 4

- (1) **An Efficient advance for Hierarchical Routing Scheme in Wireless Ad-Hoc Network Through Polychromatic Sets in National Conference on Wireless Communication** held at Vivekananda College of Engineering For Women.

- (2) Attended RRRLF Sponsored National Conference on Transformation of Learning Resource Centres in DIGITAL Era. Conducted by K S R CT-LIBRARY&SALIS on 13.10.2022
- (3) Presented a paper in AICTE Sponsored **National Conference** on Internet of Things, Artificial Intelligence and 3D Printing during 21st and 22nd February 2020, Titled **Artificial Intelligence in sentimental analysis**.
- (4) Presented a paper in AICTE Sponsored **National Conference** on Internet of Things, Artificial Intelligence and 3D Printing during 21st and 22nd February 2020, Titled **Innovative Smartcart for user friendly purchase in shopping malls**

PATENTS APPLIED&PUBLISHED

S.No	Title of the Invention	Application Number	Publication Date
1	Trackbot A Quick Witted Robot For Detecting Cracks And Missing Key In Railway Tracks With Unmanned Safeguard Gates .	202041016879A	05.06.2020
2	Prediction Of Malicious Communication In Vehicular Adhoc Network Using Artificial Intelligence Technique	No.202231065594 A	18/11/2022
3	An Artificial Intelligence Based System to Assist the Commute for Visually Challenged	No.202241052116 A	23/09/2022

SPONSORED PROGRAMMES /OTHER PROGRAMMES ORGANISED

S.No	Title of the Programme	Funding Agency	Amount	Role and Academic year
1	FDTP on Signals and Systems”	Anna University	Rs 40,000	Coordinator 2019-2020
2	Online Short Term Training Programme (STTP) on Series- I & II on “Cognitive Radio Wireless Sensor Networks: Applications, Challenges and Research Trends”	AICTE	Rs 1, 96,000	Coordinator 2020- 2021
	OTHERS			
3	One day Awareness Program on Women Safety, Security ,and Rights	WOMEN EMPOWERMENT CELL	-	Coordinator 2019-2020
4	One day Cancer Awareness Program for Female Students	WOMEN EMPOWERMENT	-	Coordinator 2019-2020

	and Faculties	CELL		
5	One day Guest lecture on “Importance of Electromagnetic Interference and Electromagnetic Compatibility and its Effect On Humanity”	-	-	Coordinator 2019-2020
6	3 days online webinar on Recent Trends in Signal Processing- Research Perspective	online	-	Coordinator 2020- 2021

PROJECT CONTESTS GUIDED

S.No	Contest Name	Title of the project	Industry name	Year
1.	Student Project Scheme	Piezo Electric Harvesting – A Sustainable Approach To Clean Energy Generation In Airport Terminals	Tamil Nadu State Council for Science and Technology	2018
2.	Student Project Scheme	Power generation through wheeling and Mini fan.	Tamil Nadu State Council for Science and Technology	2019

AWARDS RECEIVED

- Awarded and recognized for Resource person from Ramachandra Engineering College, Eluru Andhra Pradesh for AICTE sponsored FDP on “Research Challenges in Optical Networks, WDM Optical Networks, Sensor Networks and Unparalleled Communication Speed in the Future: A Scalable Approach” during the academic year 2019-20.
- Awarded and recognized for Resource person from Velalar college of Engineering for the Guest Lecture on Nanotechnology applications in Medicine during the academic year 2020-21.
- Received NPTEL Certificate of appreciation for **Active SPOC –SWAYAM NPTEL Local chapter of KSR IET** during the academic year 2022-23.

FUNDING PROPOSALS SUBMITTED **17**

UG & PG PROJECTS GUIDED **20**

GUEST LECTURES DELIVERED **02**


PROGRAMMES PARTICIPATED	42
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PROGRAMMES ORGANIZED	06
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❖ LIFE MEMBER of ISTE

ADDITIONAL PROFESSIONAL RESPONSIBILITIES HELD

- ❖ Co-Ordinator for various committee in College functions
- ❖ Finance Co-Ordinator
- ❖ Lab incharge, Academic Co-Ordinator
- ❖ Time table Co-Ordinator
- ❖ Class counselor etc.
- ❖ Acted as Reviewer for the International Conference.
- ❖ Seminar Proposal In charge.
- ❖ Department R&D Coordinator
- ❖ NPTEL Local Chapter SPOC.

Name	P.PREMKUMAR			
Department	ECE			
Qualification	B.E., M.E., M.B.A.,			
Area of Specialization	COMPUTER COMMUNICATION ENGINEERING			
Date of Joining (KSR IET)	21-01-2013			
Experience (as on 01.03.2023)	Teaching: 12Y	Industry: -	Others: -	
Number of Papers Published	National Journals : -		International Journals : 05	
Number of Papers Presented	National Conferences : 04		International Conferences : -	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail:premece@live.com		Mobile:9952515453	

Publications (International Journals)

1. “Implementation of Automatic Fertigation System by Measuring the Plant Parameters” in **International Journal of Engineering Research & Technology(IJERT)** with ISSN: 2278-0181, Vol. 3, Issue 10, Oct 2014.

Publications (National Journals)

Publications (International Conferences)

Publications (National Conferences)


1. “Analysis and Design of voltage efficient high speed double tail comparator”, **National Conference on Communication, Power and Instrumentation** ,Dept of ECE, M.Kumarasamy College of Engineering

Training Offered

1. Guest Lecture on EC6202- Electronic Devices and Circuits at Vidyaa Vikas College of Engineering and Technology on 14.03.17

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 65282)

Name	B. LATHA			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.03.2023)	Teaching: 11Y 8M	Industry: -	Others: -	
Number of Papers Published	National Journals : -		International Journals : 03	
Number of Papers Presented	National Conferences : 10		International Conferences : 04	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail:blatha87@gmail.com		Mobile: 9042369586	

PUBLICATIONS (International Journals) - 3

1. “Border Alert System using Smart Boat to Safeguard the Fisherman”, in **International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE)**, Vol. 4, Issue 4, 722-724, April, 2018.
2. “Active utilization of grey water in residential buildings using IOT”, in **International Journal of Creative Research Thoughts (IJCRT)**, Vol. 6, Issue 3, 131-138, April, 2018.
3. “Animal – Migration Algorithm to Solve Area Estimation in VLSI Floor Planning”, in **International Journal of Pure and Applied Mathematics – Special Edition**, Vol. 118, Issue 24, 1-13, April, 2018.

PUBLICATIONS (International Conferences) - 4

1. “Wi-Fi Based Location Identification System”, in **Second International Conference on Advances in Management, Engineering and Technology**, in RSP Conference Hub, Coimbatore, June 2022.
2. “Safe Rescue System for Borewell Accidents”, **International Conference on**

Challenges and Opportunities for Innovation in New Normal Scenario, organized by Department of ECE /K S R Institute for Engineering and Technology, 2021.

3. “Smart Automation of Fan and Light using Arduino Microcontroller”, **International Conference on Challenges and Opportunities for Innovation in New Normal Scenario**, organized by Department of ECE /K S R Institute for Engineering and Technology, 2021.
4. “An ACO Approach to Maximize Lifetime of Heterogeneous WSN”, **International Conference on Emerging Trends in Engineering Technology**, organized by Department of ECE /Nehru Institute of Engineering and Technology, 2015.

PUBLICATIONS (National Conferences) - 10

1. “Smart Walking Stick for Visually Challenged People using Raspberry-Pi”, **National Conference on Challenges and Opportunities in Industry 4.0– COIN2020**, organized by Department of ECE /K S R Institute for Engineering and Technology.
2. “Data and Voice Transmission Using Visible Light Communication”, **National Conference on Emerging Engineering and Technology 2019 (NCEET’ 19)**, organized by Department of ECE /K S R Institute for Engineering and Technology.
3. “Digital Canary”, **National Conference on Recent Trends in Communication and Information Technology**, organized by Department of ECE /Knowledge Institute of Technology.
4. “GSM Based Automatic Recharging for Welding Machine”, **National Conference on Advanced Signal Processing and Communication &Networking (NSPCN’17)** organized by Department of ECE /PSNA College of Engineering & Technology.
5. “Automatic vehicle Accident Detection and Messaging system using GSM and GPS MODEM”, **National Conference on Recent Trends in Engineering and Technology**, organized by Department of ECE /K S R Institute for Engineering and Technology.
6. “Image Compression Using Lossless Techniques”, **National Conference on Advanced Telecommunication Technologies**, organized by Department of ECE, K.S.R. College of Engineering.
7. “Hop-by-Hop Adaptive Link State Optimal Routing Algorithm for Wireless Mesh Networks”, **National Conference on Frontiers in Communication and Signal Processing Systems**, organized by Department of ECE, Adhiyamaan College of

Engineering.

8. “Effective Image Enhancement in Medical Images using combination of DWT and SWT”, **National Conference on Electronics and Communication**, organized by Department of ECE /Vivekanandha College of Technology for Women.
9. “Contour tracking and Extraction from Ultrasound images using Particle filtering”, **National Conference on Electronics and Communication**, organized by Department of ECE /PSNA College of Engineering and Technology.
10. “Mobile theft control using RFID” **National Conference on Electronics and Communication Engineering**, organized by Department of ECE /Paavai College of Engineering.

PATENTS PUBLISHED:

S. No	Patent ID	Title of the Patent	Patent Level / National	Publication Date
1.	202211068063	Wearable Electronic Monitoring Devices for Baby Health	National	02 nd December, 2022
2.	202241040512	IoT and UAV-based Environmental Monitoring System	National	22th July, 2022
3.	202041032225	A System and Method of Pesticides Detection in Fruits and Vegetables	National	21st August, 2020

S. No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	STTP On “Internet Of Medical Things (Iomt) : Trends, Perspectives And Prospects Of Machine Learning For Biomedical Applications”	AICTE	Submitted	Co Coordinator

2.	FDTP on “EC6602 – Antenna And Wave Propagation”	ANNA UNIVERSITY	Sanctioned (Self – Supported)	Co Coordinator
3.	Smart Ideas using VSLI Architecture for Healthcare Applications under Resource Constrained Environment	ICMR	Submitted & Not Approved	Co Coordinator

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	Accreditation and Outcome Based Education	NPTEL & SWAYAM	JUL to OCT - 2022	Silver + Elite
2.	Digital Circuits	NPTEL & SWAYAM	JUL to OCT - 2021	Topper in 5% + Silver + Elite
3.	Deep Learning	NPTEL & SWAYAM	SEP to DEC – 2020	Elite Grade
3.	Digital Image Processing	NPTEL & SWAYAM	JULY to OCT – 2019	Topper in 2% + Silver + Elite
4.	Discrete Time Signal Processing	NPTEL & SWAYAM	JUL to OCT - 2018	Topper in 5% + Elite & Mentor Certificate
5.	Digital Speech Processing	NPTEL	JUL - OCT 2017	Elite Grade

PROGRAMMES ATTENDED (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Place	Date
1.	FDP on “Applications of Computer Vision using Deep Learning”	SeshadriRao Gudlavalluru Engineering College	20.02.2023 – 25.02.2023
2.	Workshop on “Medical Signal Processing with Artificial Intelligence”	Thiagarajar College of Engineering	17.12.2022 – 18.12.2022
3.	FDP on “Recent Trends in Image Processing and its Applications”	Velammal Institute of Technology	21.09.2022 – 27.09.2022

4.	Workshop on “Designing and Modeling of IoT, AI & ML Systems”	All India Council for Technical Education(AICTE0, ATAL Academy	01.08.2022 – 05.08.2022
5.	FDP on “Research Opportunities in Emerging Areas of Electronics and Communication Engineering”	KPR College of Engineering and Technology	18.07.2022 – 22.07.2022
6.	FDP on “Recent Advancements and Applications in Data Science”	Paavai Engineering College	27.06.2022 – 02.07.2022
7.	FDP on “Microsoft Azure AI Engineer Associate”	Kongu Engineering College	23.05.2022 – 27.05.2022
8.	FDP on “Machine Learning for Signal Processing – A Practical Approach”	KGiSL Institute of Technology	21.02.2022 – 25.02.2022
9.	ATAL FDP on “Object Identification and Image Intelligence a Practical Approach”	Women's Polytechnic	25-10-2021 –29-10-2021
10.	ATAL FDP on “Speech, Audio and Image Processing using Deep Learning Techniques: Research issues, Innovation and Applications”	University College of Engineering	18-10-2021 –22-10-2021
11.	ATAL Online FDP on “Electrical and Computer Engineering”	Mahendra Engineering College Autonomous	22-02-2021 –26-02-2021
12.	A Hands-on Workshop on “Deep Learning Algorithms and its Framework”	Sona College of Technology	23-11-2020 –27-11-2020
13.	ATAL FDP on “Medical Image Processing and Deep Learning Technologies”	Panimalar Institute of Technology	21-09-2020 –25-09-2020
14.	PALS VIRTUAL LAB	PALS	14-09-2020 –18-09-2020
15.	Research Issues and Challenges in Deep Learning based Medical Image Analysis and Medical Diagnosis	Sri Ramakrishna Engineering College	17-08-2020 - 22-08-2020
16.	FDP on “Exploring the Nuances of Deep Learning for Research Applications - A Deeper Experience”	Karunya Deemed University	13-07-2020 –17-07-2020
17.	FDP on “Image Processing and Computer Vision”	Anil Neerukonda Institute of Technology & Sciences	29-05-2020 –31-05-2020
18.	FDP on “Machine Learning and Deep Learning”	SRM Institute of Science and Technology	27-05-2020 –31-05-2020
19.	Blooms Taxonomy - Higher Order Thinking Skills in ECE - “Digital Electronics”	Saveetha Engineering College	25-05-2020 –29-05-2020
20.	Automation in Cyber Security	Mahendra Engineering College	23-05-2020

21.	Sky Campus Digital Knowledge Series - Future Tech 2020	ICT Academy	18-05-2020 –22-05-2020
22.	Machine Learning	Guru Nanak College, Chennai	20-05-2020
23.	The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	11-05-2020 –15-05-2020
24.	Good Teacher to Great Teacher	ICT Academy	14-05-2020
25.	How to write a Research Proposal? How to convert a Project to Patent?	Excel Engineering College	04-05-2020 –05-05-2020
26.	Sky Campus Digital Knowledge Series – “The Future is Here Now”	ICT Academy	27-04-2020 –01-05-2020
27.	Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes	K S R Institute for Engineering and Technology	19-11-2019 –21-11-2019
28.	FDP on “Fostering Ethics, Moral and Human Values in Technical Education”	Nandha Engineering College	24-06-2019 –07-07-2019
29.	FDP on “Digital Signal Processing”	PSG Institute of Technology and Applied Research	07-06-2019 –08-06-2019
30.	MATLAB ONRAMP	Department of ECE, K S R Institute for Engineering and Technology	22-02-2019
31.	Problem Based Learning	NITTTR, Kolkata	11-02-2019 –15-02-2019
32.	One Day Seminar on “Cyber Security & Ethical Hacking”	K S R Institute for Engineering and Technology	05.01.2019
33.	One Day National Level Workshop on “Writing Successful Proposal to Funding Agencies”	K S R Institute for Engineering and Technology	31.08.2018
34.	Two days Faculty Development Program on “Emotional Intelligence”	K.S.Rangasamy College of Arts and Science	17.08.2017 & 18.08.2017
35.	Seminar on “Research Methodology”	K S R Institute for Engineering and Technology	05.08.2017

36.	Faculty Development Programme on “Medical Informatics Extraction Using Soft Computing Techniques”	IEEE Madras Section at Dept of ECE, KIOT	21.10.16 & 22.10.16
37.	One day Workshop On Medical Image Processing	Department of ECE/ Anna University Regional Centre	09.09.16
38.	Two Days Workshop on “Optimization Techniques for Engineering Applications”	Department of EEE, Kongu Engineering College	29.01.16 & 30.01.16
39.	Faculty Development Program on “Mobile Application Development”	Department of IT/ K S R Institute for Engineering & Technology	19.12.15
40.	Value Added Course on “Project Based Learning Using MATLAB”	ECE Dept./ K S R Institute for Engineering and Technology	03.07.15 to 07.07.15
41.	Three days Workshop on “MATLAB / SIMULINK for Communication Engineers”	Vivekanandha College of Technology for Women	27.01.2014 to 29.01.2014
42.	Two Days Workshop on “VLSI/ASIC Based Design Flow with EDA Tools”	Vivekanandha College of Engineering for Women	18.05.2012 & 19.05.2012
43.	Faculty Development Programme on “Academic Excellence”	Vivekanandha Institute for Engineering and Technology for Women	15.08.2011
44.	Two Days Workshop on “Research Challenges in Image Processing”	IEEE Students Forum, CIT & Industry Institute Partnership Cell	04.02.2011 & 05.02.2011

PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)


S. No.	Name of the Programme	Type of Programme	Date
1.	Internet of things using Raspberry Pi	Workshop	07.02.18 & 09.02.18
2.	Signal and Image Processing using MATLAB	Workshop	03.02.18
3.	Anna University sponsored FDTP on “EC6602 – Antenna and Wave Propagation”	Faculty Development Training Program	27.11.17 to 03.12.17
4.	EC6502 - Principles of Digital Signal Processing	Two Days Faculty Development Program	15.06.17 & 16.06.17
5.	Application of MATLAB for Signal Communication & Image Processing	Workshop	17.02.17

GUEST LECTURES DELIVERED

S. No	Title of the Programme	Place	Date
1	Faculty Development Training Programme on “EE6403 – Discrete Time Signal Processing”	Vivekanandha Institute for Engineering and Technology for Women	18.12.2014 to 24.12.2014

AWARDS WON

S. No	Name of the Award	Academic Year
1.	Dr.Radhakrishnan’s Teacher Award	2022-2023
2.	Best Performance Award for producing 100% result in the Subject “VLSI Design”.	2012-2013
3.	Best Performance Award for producing 100% result in the Subject “Principles of Communication”.	2011-2012

Name	K.J.UMA			
Department	ECE			
Qualification	B.E., M.E., (Ph.D)			
Area of Specialization	EMBEDDED SYSTEM TECHNOLOGIES			
Date of Joining (KSR IET)	02-06-2014			
Experience (as on 01.01.2022)	Teaching: 8Yrs	Industry: -	Others: -	
Number of Papers Published	National Journals : - International Journals : 04			
Number of Papers Presented	National Conferences : 06 International Conferences : 04			
Books Published	National Publisher : - International publisher : -			
Contact Details	E Mail:uma41990@gmail.com		Mobile: 9524120405	

Publications (International Journals)

1. “Reordering Unspecified pattern set to reduce Power during testing” ” in **Techscripts - Transactions on Engineering and Sciences** with ISSN: 2347-1964, Vol. 2, Issue 11, Nov 2014.

Publications (National Journals)

Publications (International Conferences)

Publications (National Conferences)

1. “IOT Based Home Automation for Elderly Care using Embedded System”, **National Conference on Trends in Engineering Application and Management**, Dept of ECE, Vellalar College of Engineering and Technology on 26.03.16

Training Offered

1. Value Added Course on “Industrial Exposure in Embedded Environment” on 14.12.15, 15.12.15 & 08.01.16

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 99923)

Name	T.MARTHANDAN			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 10.04.2023)	Teaching:11 Y 3 M	Industry:-NIL	Others: - NIL	
Number of Papers Published	National Journals : 1 International Journals : 7			
Number of Papers Presented	National Conferences : 03 International Conferences : 03			
Books Published	National Publisher : - International publisher : -			

Contact Details	E Mail: vasanthamarthandan@gmail.com Mobile: 8122146988
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Publications (International Journals)

1. “Automated Ventilator with Oxygen and Pulse Monitoring System Using IoT”
Published in IJRAR on 02.05.2021, Volume 8 and issue 2
2. “Border Alert System using Smart Boat to Safeguard the Fisherman” Published in IJFRSCE Vol. No:4, Issue:4, Year: April,2018
3. “Intelligent face detection test” International Journal of Innovative Research in Engineering & Science, ISSN 2319-5665, November issue 1,volume 5.
4. “A Memory Efficient Listless Speck (MLSK) Image Compression Algorithm For Low Memory Applications”, Asian Journal of Computer Science and Information Technology, ISSN 2249-5126, march 2013
5. “Reduction Of Noise From Speech Signal Using Wavelet Threshold” International Journal of Technology & Research Advances, ISSN 2320-3579, volume of 2013 issue I.
6. “Control Alert Routing In Mobile Ad Hoc” International Journal of Technology & Research Advances, ISSN 2320-3579, volume of 2013 Issue I.
7. “FPGA Implementation of Adaptive Median Filter for the Removal of Impulse Noise” International Journal of Technology & Research Advances, ISSN 2320-3579, volume of 2013 Issue I.

Publications (National Journals)

1. “Simultaneous Color Image Compression and Encryption using Number Theory” Journal of Current Engineering Research, ISSN 0976-8324,Sep-Oct 2012 issue 5, volume 2.

Publications (International Conferences)

1. “Indoor air quality monitoring and control, fire and smoke detector” ”,
International Conference on” Challenges and opportunities for innovation in new normal Scenarios” held on 3 rd April 2021
2. “Intelligence Surveillance System Using MSP 430”, International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17) ECE/ KSR Institute for Engineering and Technology on 17.03.17
3. “An Optimized Image Encryption Technique for Multykey Conservative Chaotic System”, International Association Of Engineering & Technology for Skill Development, Held at Hotel Ganesh Mahal Salem on 8 march 2015

Publications (National Conferences)

1. “Patch Antenna Array for Medical Application Using ADS”, National Conference On Communication Computing and Networks, ECE/ Bannari Institute of Technology, Sathyamangalam on 23.2.2017, 24.2.2017
2. “Online monitoring based versatile telemedical systems”, National Conference On Recent Trends in Electronics and Communication,ECE/ Jayalakshmi Institute of Technology,Thoppur on 22.03.2018
3. “Robust Gray Scale Water Marking based on Multilevel of DCT and SVD”,NCRTC-V.3,ECE/Annai Mathammal Sheela Engineering College,Namakkal on 9.02.2012

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)


S. No	Date		Type of the Programme	Topic / Title	Remarks
	From	To			
1.	22.09.16	23.09.16	Work shop	Networking and Security	Organized & Participated
2.	27.11.17	03.12.17	FDP	Antenna & Wave Propagation	Organized & Participated
3	02.11.2020	07.11.2020	STTP	Long range(LoRa) wireless Area Networks: A Futuristic Approach	Organized & Participated

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1	Microsoft Power BI Data Analyst Associate	FDP	ICT ACADEMY	26.12.2022 To 30.12.2023
2	Trainer program” Powering Iot Using ARDUINO/RASPBERRY PI	FDP	SkillsDa Under NanMudhlvan Scheme	26-09-2022 to 30-09-2022
3	Innovation Ambassador Training Advanced Level	FDP	Ministry of Education Government of India, MoE’s Innovation cell & AICTE	30.06.2022 to 30.07.2022
4	FDP on Intellectual Property Rights & Patenting in India	FDP	NITTTR Chandigarh, Entrepreneurship Development and Industrial Coordination	13/06/2022 to 17/06/2022

5	FDP on “Recent Advancements and Applications of Data science”	FDP	Paavai Engineering College	27-06-22 to 02-07-22
6	Webinar On Latest Research In Iot Driven Analysis-Smart Manufacturing	Webinar	Educare Taiwan with YUAN ZE University, Taiwan	17-07-2022
7	AICTE Student Learning Assessment	STTP	PARAKH in collaboration with Construction Industry Development	07 March, 2022 To 22 March, 2022
8	Virtual Labs	FDP	PALS-VLAB,2021-2022 Initiative with NITK Surathkal	23-08-2021 To 27-08-2021
9	Innovation Ambassador Training (Foundation level)	Online training	MoE’s Innovation cell & AICTE	30.06.2021 to 30.07.2021
10	Entrepreneurship	FDP	Technology Business Incubator@ Kongu	01.02.2021- 13.02.2021
11	Long range(LoRa) wireless Area Networks: A Futuristic Approach	STTP	KSR Institute for Engineering and technology	02.11.2020 to 07.11.2020
12	“EXPLORING OUTCOME BASED EDUCATION (OBE) AND NBA PROCESS”	FDP	Knowledge Institute of Technology	07-05-2020 to 13-05-2020
13	Examination Reforms	FDP	AICTE	29.04.2020- To 02.05.2020
14	One week FDP on “Antenna & Wave Propagation”	FDP	KSR Institute for Engineering and technology	27.11.17 to 03.12.17
15	Two days FDP on” Effective Public Speaking”	FDP	KSR Institute for Engineering and technology	24.04.17 to 25.04.17

16	Two Days on “Antenna Design And Analysis Using ESI CEM solution tools”	Workshop	Anna University ,Coimbatore	3.12.2015 to 4.12.2015
17	One week FDP on “Web application Development Using Dot Net Technologies”	FDP	Bharathiyar college of engineering and Technology	21.01.13 to 30.01.13

Name	M.V. MAHESH			
Department	ECE			
Qualification	B.E., M.Tech., PGDES			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01 -06- 2016			
Experience (as on 01.01.2023)	Teaching:17 Y	Industry: 2 Y	Others: -	
Number of Papers Published	National Journals : - International Journals : 02			
Number of Papers Presented	National Conferences : 03 International Conferences : 01			
Books Published	National Publisher : - International publisher : -			
Contact Details	E Mail: mahesh.vanamuthu@gmail.com Mobile: 9943431988			

Publications (International Journals)

1. Mahesh M.V and Bhadmagayathre R, —Low Power Memory Efficient layer Decoding Architecture for LDPC Decoder||, **International Journal of Electrical Electronics and Communication Engg.**, Vol. 3, Jan – June 2011, ISSN: 0975-4814
2. RP Sundhari and MV Mahesh –Joint Photographic Experts Group Compression— A Modified Approach by Low Power Multiplier||, **Journal of Computational and Theoretical Nanoscience** 14 (3), 1271-1275

Publications (National Journals)

NIL

Publications (International Conferences)

1. Mahesh M.V and Tamilselvam P, –Blotches and Impulse noise removal in Grey scale using Non linear Decision based Algorithm, **International conference on communication, Information and computation (ICICIC' 13)** at Sasurie College of Engineering, Vijayamangalam.

Publications (National Conferences)

1. Mahesh M.V –Complexity Detection in a Real Time Systems, **National Conference on Control Communication and System**
2. Mahesh M.V –Detection of Complexity in an Intelligent Real Time Systems, **National Conference on Computer Communication and Signal Processing**
3. Mahesh M.V, –PWM Based Three Stage Cascaded Multilevel Inverter, **National Conference on Recent Advancements & challenges in Electrical Engineering and Applications.**

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Smart Gate Valve using IoT	TNSI 2021	1 Lakh	Mentor

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1	Attended an e-Yantra sponsored National Level Workshop and hands on training on “Introduction to Robotics”	Workshop	Kongu Engineering College, Perundurai	1 Day
2	one day seminar on “ OrCAD PSPICE and OrCAD PCB ” conducted by Entuple Technologies at PSG College of Technology, Coimbatore	Seminar	PSG College of Technology	1 Day
3	National Level Workshop and hands on training on “ Design ”	Kongu Engineering	Workshop	2 Days

	and Analysis of Electronic circuits using Automation tools at Kongu Engineering College, Perundurai	College		
4	National Level Workshop and hands on training on “Open source RTOS development and its application using RTLinux” at Kongu Engineering College, Perundurai	Kongu Engineering College	Workshop	1 Day
5	ISTE sponsored Workshop on “Analog Electronics” conducted by IIT Kharagpur, Sasurie College of Engineering, Vijayamangalam	Sasurie College of Engineering, Vijayamangalam	Workshop	7 Days
6	India University program Workshop on “RENESAS RL 16 Microcontrollers” Velalar College of Engineering and Technology, Erode	Velalar College of Engineering and Technology, Erode	Workshop	2 Days
7	ISTE sponsored Workshop on “Research Methodologies” conducted by IIT Mumbai, Sasurie College of Engineering, Vijayamangalam	Sasurie College of Engineering, Vijayamangalam	Workshop	1 Day
8	National Level Workshop on “VLSI & Embedded Technology” at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Workshop	2 Days
9	Workshop on “Embedded Systems” conducted by Product Development Cell, PSG College of Technology, Coimbatore	PSG College of Technology, Coimbatore	Workshop	2 Days
10	Workshop on Latest Measurement Techniques in RF & Microwave Engineering at Velalar College of Engineering and Technology, Erode	Velalar College of Engineering and Technology	Workshop	1 Day

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	27.11.2017	3.12.2017	Faculty Development and Training Programmell on EC6602 – Antenna and Wave Propagation	Anna University
2.	19.10.20	12.12.20	AICTE Sponsored STTP on LoRa WAN	AICTE

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Smart Gate Valve using IoT	Sri Selvakumaran Industries, Erode

Training Offered

- 1. Anna University Approved –Faculty Development and Training Programmell on EC6602 – Antenna and Wave Propagation from 27.11.17 to 03.12.17.**
- 2. Invited Guest Lecture on –Memory & I/O Interfacing with 8085 Microprocessor||at Jay Shriram College of Technology, Avinashipalayam Junction, Tirupur.**

Name	UDHAYAKUMAR M			
Department	ECE			
Qualification	B.E., M.E., M.B.A., (Ph.D..)			
Area of Specialization	VLSI DESIGN, COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01.06.2018			
Experience (as on 01.03.2023)	Teaching: 11Y 7M	Industry: NIL	Others: - NIL	
Number of Papers Published	National Journals : Nil International Journals : 10			
Number of Papers Presented	National Conferences : 08 International Conferences : 04			
Books Published	National Publisher : Nil International publisher : 01			
Contact Details	E Mail: udhayakumar@ksriet.ac.in Mobile: 9788576526			

Publications (International Journals)

1. Published a paper in International Journal of Intellectual Advancements and Research in Engineering Computations on “Cold Supply Chain Risk Monitoring and Safety alerting System Using IoT”, Volume: 10 Issue: 02 | June 2022. ISSN: 2348-2079.
2. Published a paper in International Journal for Scientific Research and Development on “Low Power high Speed Estimated Reconfigurable Multiplier for Multimedia Signal Processing”, Volume: 06 Issue: 12 | Feb 2019.
3. Published a paper in International Research Journal of Engineering and Technology on “Comparative Analysis of OOK, BPSK, DPSK and PPM Modulation Techniques for Intersatellite Free-Space Optical Communication”, Volume: 06 Issue: 02 | Feb 2019.
4. Published a paper entitled “A Study on the effect of Motivational Factor of Employees among Engineering Students” in International Journal for Scientific Research & Development (IJSRD) in June 2017.

5. Published a paper entitled “An Overview of Effect of Motivational Attribute among Engineering students” in International Journal for Science and Advance Research in Technology (IJSART) in April 2017.
6. Published a paper entitled “Server Room Environment Monitoring system using IOT” in International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC“17) in 2017.
7. Published a paper entitled “Survey of Motivational Attributes on Job Security among Engineering Students” in International Journal for Science and Advance Research in Technology (IJSART) in May 2017.
8. Published a paper entitled “The Role of Motivation on Employee Performance in an Organization” in International Journal of Scientific Research in Computer science, Engineering and Information Technology (IJSRCSEIT) in May 2017.
9. Published a paper entitled “Precision Robotic Displacement using FPGA” in International Journal of Engineering & Technical Research (IJETR) volume 02 Issue 04 (April 2014) paper ID – IJETR/02/1641.
10. Published a paper entitled “Server Room Environment Monitoring system using IOT” in International Journal of Intellectual Advancements and Research in Engineering Computations (IJETR) volume 05 Issue 01 (2017).

Publications (National Journals)

Nil

Publications (International Conferences)

1. Challenges and Opportunities for Innovation in New Normal Scenario on “Wild Animal Repellent in agriculture field using IOT”
2. Challenges and Opportunities for Innovation in New Normal Scenario on “Driver Drowsiness Detection”
3. Presented a paper on the title “Server Room Environment Monitoring system using IOT” in the International Conference ICRIETM“17 at Nandha Engineering College, Erode in 2017.
4. Presented a paper on the title “Server Room Environment Monitoring system using IOT” in the International Conference ICRTTEST“17 at Sri Ramanathan Engineering College, Tiruppur in 2017.

Publications (National Conferences)

1. Presented a paper on the title “Secure Trust Clustering OLSR using malicious node Identification based on node grouping in MANETs” in the National Conference at Cheran College of Engineering, Karur in 2017.
2. Presented a paper on the title “Smart Irrigation System Using GSM” in the National Conference at Cheran College of Engineering, Karur in 2017.
3. Presented a paper on the title “Avoiding AMD using Photo Detector in Bio – Retina by Nano Technology” in national Level Conference NCACIS“14 at Nandha Engineering College, Erode in 2014.
4. Presented a paper on the topic “Developing Authentic Constructivist E-Learning Environments” in national Level ISTE at Maharaja Engineering College, Avinashi in 2012.
5. Presented a paper on the topic “Implementation of Region Based Compression and Image Enhancement Scheme for Medical Image” in national Conference NCVPS“11 at MET’s School of Engineering, Kerala in 2011.
6. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on control and power Engineering CAPECON at Hindustan College of Engineering and Technology, Coimbatore in 2011.
7. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on Advances in Communication & Computing (NCACC) at Karpagam College of Engineering, Coimbatore in 2010.
8. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on VLSI, Communication & Computation (NCVCC“10) at Maharaja Engineering College, Coimbatore in 2010.

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	Digital Circuits	NPTEL	Jul – Oct 2022	55
2.	Accreditation and Outcome based Learning	NPTEL	Aug – Oct 2022	58
3.	CMOS Digital VLSI Design	NPTEL	Feb – Apr 2019	46
4.	ADVANCE IN FOREST REMOTE SENSING	ISRO	Mar 5-13 2019	COMPLETED

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Program	Organised by	Period
1.	Block Chain Technology	Conference	KSRCT & NIT	2023
2.	IP Awareness Training Programme	FDP	NIPAM, Govt of India	2023
3.	Latest Research in Nano Composites, Computational Physics, Cyber security	Webinar	Educare, Taiwan	2023
4.	Effective Methodology for Research paper writing	Webinar	V.S.B. Engineering College	2023
5.	Recent Trends in VLSI Design	FDP	QIS College of Engineering & Technology	2023
6.	Embedded System Design using Intel SoC FPGA's	FDP	SSN College of Engineering	2022
7.	Machine Intelligence	FDP	ATAL	2022
8.	National Level FDP on Matlab Tools & Applications	FDP	Babu Banarasi Das Northern India Institute of Technology	2021
9.	Blooms Taxonomy - Higher Order Thinking Skills in ECE - "Digital Signal Processing"	FDP	Saveetha Engineering College	2021
10.	Evolution of IoT and It's Real Time Applications	FDP	Malla Reddy Institute of Technology	2021

11.	Renewable Energy: Application & ENtrepreneurship	Workshop	College of Engineering & Technology , Jalgaon	2020
12.	Computing and Signal Processing in IOT Applications	FDP	QIS College of Engineering & Technology	2020
13.	Video Processing using open CV & Python	STTP	IRTT	2020
14.	Principles of Digital Signal Processing	FDP	P.S.G Institute for research and	2019
15.	JIO FFTx technical lab setup	Workshop	science corporate IT Park	2018
16.	Microwave Engineering Applications and Measurement challenges	Workshop	Dr. N.G.P Institute of Technology, Coimbatore	2018
17.	Principles of Digital Signal Processing	FDP	K.S.R Institute for Engineering and Technology	2017
18.	Embedded & Real time systems	FDP	Excel Engineering College	2017
19.	Network Simulator – 2	Workshop	K.S.R College of Engineering	2017
20.	Role of Employees in the Development of an Institution	FDP	Maharaja Engineering College	2013
21.	Neural Network and its Application	Workshop	Karpagam Institute of technology	2010
22.	Mat lab/Simulink for Image Processing and its Applications	Workshop	Karpagam College of Engineering	2010

Book Published

S. No.	Title of the Book	Published by	ISSN No.
1.	Electronic Devices and Circuits	Scientific Public International house	9789357570343

Resource Person

S. No.	Title of the Program	Institution	Date
1.	Innovations in Digital Systm Design	Annapoorna Enginerring College	23.12.2023

2.	Recent Trends in Digital System Design	Adhiyamaan College of Arts and Science	01.03.2023
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Industry Training Undergone

S. No.	Name of the Program	Institution	Date
1.	Digital Marketing	NSE Academy under Naan Mudhalvan	13.02.2023 – 17.02.2023
2.	JIO FFTx technical lab setup	Reliance corporate IT Park	2018

Patent Filled

S. No.	Title	Filed Date Patent number	Published Date
1.	The Novel routing Protocol for efficient network topology in smart grid Infrastructure	17/10/2022 & 202231059317 A	21/10/2022
2.	An Artificially Intelligence System For Monitoring and Preventing Dryness in Plants	13/09/2022 & 202241052122 A	23/09/2022
3.	A System and Method of Pesticides Detection in Fruits and Vegetables	28/07/2020 & 202041032225 A	21/8/2020

Training Offered

S. No.	Name of the Course	Class/Batch	Date
1.	VAC on PCB Design	II year & 2021-2025	10.08.2022 – 12.08.2022

Membership in Professional Bodies - -

- International Association of Engineers

Name	VINOTHKUMAR B			
Department	ECE			
Qualification	B.E.,M.E.,(Ph.D)			
Area of Specialization	DIGITAL IMAGE PROCESSING & COMPUTER NETWORKING			
Date of Joining (KSR IET)	01.06.2018			
Experience (as on 01.03.2023)	Teaching: 5Y 10M	Industry: 1YR 11M	Others: -	
Number of Papers Published	National Journals : - NIL International Journals : 5			
Number of Papers Presented	National Conferences : 1 International Conferences : 3			
Books Published	National Publisher : - NIL International publisher : -NIL			
Contact Details	E Mail: vinoece@ksriet.ac.in Mobile: 9659004018			

Publications (International Journals).

1. International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.10 Issue 2,-June 2022 ISSN 2348-2079,“**Real Time Vehicle Security System Through Face Recognition**”
2. International Journal of Research and Analytical Reviews, Vol.5 Issue 2,-April 2021 E-ISSN 2348-1269, P-ISSN 2349-5138 “**Weather Station Monitoring Using LORA**”
3. International Journal for Scientific Research & Development (IJSRD), Vol.6 Issue 12,-February 2019 ISSN:2321 0613, “**Low Power High Speed Estimated Reconfigurable Multiplier for Multimedia Signal Processing**”
4. International Research Journal of Engineering and Technology (IRJET), Vol.6 Issue 2,-February 2019 E-ISSN: 2395-0056, P-ISSN:2395-0072 “**Comparative Analysis of OOK BPSK DPSK and PPM Modulation Techniques for Intersatellite Free-Space Optical Communication**”

5. International Journal of Computational Intelligence and Informatics, Vol. 3: No. 1, April - June 2013 ISSN: 2349-636320 **“Gamma Correction Technique Based Feature Extraction for Face Recognition System”**

Publications (National Journals) Nil

Publications (International Conferences)

1. Presented a Paper on ‘Face Recognition Using Machine Learning’ in International Conference on “Challenges and Opportunities for Innovation in New Normal Scenario” held on 03rd April 2021 at K S R Institute for Engineering and Technology.
2. Presented a Paper on 'A NOVEL PREPROCESSING METHOD AND PCLDA ALGORITHM FOR FACE RECOGNITION UNDER DIFFICULT LIGHTING CONDITIONS' in IEEE International Conference, held at SKP Engineering College.
3. Presented a Paper on 'FACE RECOGNITION SYSTEM USING MULTIPLE FACE MODEL' in International Conference, held at Sasurie College of Engineering.

Publications (National Conferences)

1. Presented a Paper on ‘Multipurpose Robots Used in Agriculture’ in the National Level Web Conference – Advanced Electrical Computing & Communication Technology held on 05.06.2020 at Adithya Institute of Technology.
2. **Patent Publication:**

S.No	Title of the Invention	Author(s)	Authorised Patent Agent In India	Year of Publishing
1.	An Artificial Intelligence Based System to Assist the Commute for Visually Challenged	Dr.R.Nandakumar Dr.S.Jayachitra Mr.B.Vinothkumar Ms.K.Amutha Mr.M.Kannan Mr.V.Ragavan Mr.K.Thangaraj	Allinnov Innovation and Intellectual Property Services	Sep 2022

2.	The Novel Routing Protocol for Efficient Network Topology in Smart Grid Infrastructure	Dr.Mohammed Siddique Dr.Manish Pandey Mr.M.Udhayakumar Mr.M.M.Arun Prasath Mr.B.Vinothkumar Dr.Polamarasetty P Kumar Dr.Parita Jain Mr.S.Gouri Kiran Kumar Dr.V.Kannan Mr.J.Logeshwaran	-	Oct 2022
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Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Participated in One Week Virtual FDP on “Bio-Medical Sensors and Signal Processing”	Virtual FDP	Loyola Institute of Technology	09.01.2023 to 13.01.2023
2.	Participated in IP Awareness/Training program	Training	Intellectual Property Office	23.11.2022
3.	Attended International webinar on Effective Methodology for Research Paper Writing	Webinar	V.S.B.Engineering College	03.09.2022
4.	One day workshop on “Workplace Communication”	Workshop	K S R Institute for Engineering and Technology	27.08.2022
5.	Successfully completed NPTEL course on “Accreditation and Outcome Based Learning”	Course	NPTEL-AICTE	Aug-Oct 2022
6.	9 Hours Online FDP on ‘Microsoft Azure AI Engineer Associate’	FDP	ICT Academy	20.06.2022 to 22.06.2022

7.	5 days online FDP on NBA Accreditation and Teaching Learning in Engineering	FDP	Narasu's Sarathy Institute of Technology, Salem	21.02.2022 to 25.02.2022
8.	6 days online training program on "Deep Learning Techniques-A Practical Perspective"	FDP	K.S.R. College of Engineering, Tiruchengode	25.10.2021 to 30.10.2021
9.	Webinar on "Bio-Inspired Algorithms for Optimization"	Webinar	Vivekanandha College of Technology for Women, Tiruchengode	26.02.2021
10.	Online STTP on blooms taxonomy - higher order thinking skills in electronics and communication engineering	STTP	Saveetha Engineering College, Chennai	18.05.2020 to 05.06.2020
11.	Webinar on IOT	Webinar	Mohamed Sathak Engineering College, Ramanathapuram	19.05.2020
12.	Webinar on Specific Designs with Altera Quartus II	Webinar	Nandha College of Technology, Erode	22.05.2020
13.	Soft computing techniques for image processing	Workshop	Dept of ECE, Dr Mahalingam College of Engineering and Technology, Pollachi	2019
14.	Research directions in image progressive	Workshop	Dept of ECE, Sasurie College of Engineering, Vijayamangalam	2019
15.	PLC-Automation	Workshop	Dept of EEE, Vivekanandha College of Engineering for Women, Tiruchengode	2018
16.	Advanced Java Programming	Workshop	Dept of ECE, Mahendhra Institute of Technology, Tiruchengode	2018

Training Offered

Membership in Professional Bodies : ISTE – Life Time Member

Subject Links

Digital Communication


- [SAMPLING & QUANTIZATION](#)
- [WAVEFORM CODING](#)
- [BASEBAND TRANSMISSION](#)
- [DIGITAL MODULATION SCHEME](#)

Medical Electronics

- [Electro-Physiology and Bio-Potential Recording](#)
- [Bio-Chemical and Non Electrical Parameter Measurement](#)
- [Assist Devices](#)
- [Physical Medicine And Biotelemetry](#)
- [Recent Trends in Medical Instrumentation](#)

Digital Electronics

- [Combinational Circuits](#)
- [Sequential circuits](#)
- [Programmable Logic devices](#)

Name	V.SINDHUJA			
Department	ECE			
Qualification	B.E., M.E., (Ph.D),			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-06-2018			
Experience (as on 01.04.2023)	Teaching: 4Y 10M	Industry: -	Others: -	
Number of Papers Published	National Journals : -		International Journals : 02	
Number of Papers Presented	National Conferences : -		International Conferences : 02	
Books Published	National Publisher : -		International publisher : -	

Contact Details	E Mail: sindhu37ece@ksriet.ac.in Mobile: 9787717048
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PUBLICATIONS (International Journals)

- Paper titled, “Automatic segmentation of Right Ventricle from Cardiac MRI ” published in **International Journal of Applied Engineering Research (IJAER), Annexure II** and ISSN: 0973-4562.
- Paper titled, “Connected Vehicles using Internet of Things” published in **International Journal of Science and Technology and Management**, ISSN: 2394 - 1537.

PUBLICATIONS (International Conferences)

- Presented a paper titled, “Automatic segmentation of right ventricle from Cardiac MRI” in **International Conference on innovative strategies in renewable energy and its applications (ISREA)’2015** held at Sona College of Technology.
- Presented a paper titled, “NewGen Rider’s Gadget” in **8th International Conference on Advanced Science and Engineering Research (ASER-2019)** held at Al-Ameen Engineering College.
- Presented a paper titled, “Connected Vehicles using Internet of Things” in **International Conference on Challenges and Opportunities for Innovation in New Normal Scenario** held at K S R Institute for Engineering and Technology on 3rd April 2021.

PATENT PUBLISHED

- “Wearable Electronic Monitoring Device for Baby Health” published on 02.12.2022

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Status
1.	DIGITAL IMAGE PROCESSING	NPTEL & SWAYAM	JUL to OCT - 2018	ELLITE
2.	PRINCIPLES OF SIGNALS AND SYSTEMS	NPTEL & SWAYAM	JAN to APRIL 2019	ELLITE
3.	ANALOG COMMUNICATION	NPTEL & SWAYAM	JUN to NOV 2019	ELLITE & SILVER
4.	TEACHING AND LEARNING IN ENGINEERING	NPTEL & SWAYAM	JAN to FEB 2023	SUCCESSFULLY COMPLETED

PROGRAMMES ATTENDED (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Teaching and Learning In Engineering	FDP	NPTEL & SWAYAM	JAN to FEB 2023
2.	Latest Research in Intelligent Wireless 5G & 6G Communication, DC Converter & Power Control System, Renewable Energy Integration	Webinar	Educare Taiwan	15.01.2023
3.	Prospects of Research Towards Innovation Development in HEIs	FDP	Jansons Institute of Technology	09.01.2023 – 13.01.2023
4.	Designing and Modelling of IoT, AI, & ML Systems	Workshop	AICTE	01.08.2022 – 05.08.2022
5.	Machine Learning For Signal Processing – A Practical Approach	FDP	KGiSL Institute of Technology, Coimbatore	21.02.2022- 25.02.2022
6.	NDLI in Indian Languages	Webinar	P N Panicker Foundation in Collaboration with NITI Aayog	19 th june,2021 – 18th july 2021
7	Higher Order Thinking skills in Electronics and Communication Engineering Module- Signals and Systems	Online STTP	Saveetha Engineering College	22.6.2020 to 26.6.2020
8.	Higher Order Thinking skills in Electronics and Communication Engineering Module- Analog Electronics	Online STTP	Saveetha Engineering College	15.6.2020 to 19.6.2020
9.	NANO – The Tiny Warrior – Engineering Nano medicine and Drug Delivery System	International Webinar	Kongu Engineering College	30.05.2020
10.	Digital Image Processing	Faculty Development Program	NPTEL	July- Oct,2018


11.	How to write a Successful Project Proposal to Funding Agencies	Seminar	Library & Reader's Club, K.S.Rangasamy College of Technology, Tiruchengode	July,2018
12.	Applications of MATLAB in DIGITAL IMAGE PROCESSING	Workshop	KSR College of Engineering	Sep, 2014
13.	VLSI Design using CADENCE tools suite	Workshop	KSR College of Engineering	March,2015
14.	PCB Design using Software	Workshop	Velalar College of Engineering and Technology	Dec,2010
15.	Microsoft Dreamspark Yatra	Event	Velalar College of Engineering and Technology	March,2010

PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Name of the Programme	Type of Programme	Date
1.	MATLAB ONRAMP	WORKSHOP	22.02.2019

AWARDS WON

S. No	Name of the Award	Academic Year
1.	Secured 36 th Anna University Rank in BE-ECE	2012-2013
2.	Secured District Third in Biology during 10 th Standard Board Exam.	2006-2007

Name	P.MOHANA SUNTHARI	
Department	ECE	
Qualification	B.E., M.E.,	
Area of Specialization	COMMUNICATION SYSTEMS	

Date of Joining (KSR IET)	01-06-2018		
Experience (as on 01.03.2023)	Teaching: 5 year	Industry:-	Others: -
Number of Papers Published	National Journals : - International Journals : 01		
Number of Papers Presented	National Conferences : 02 International Conferences : 04		
Books Published	National Publisher : - International publisher : -		
Contact Details	E Mail: mohanavctwece@gmail.com Mobile: 9489871687		

Publications (International Journals)

1. P.Mohana Sunthari & R.Veeramani, “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques”, **CIIT international Journal**, May 2017.

Publications (National Journals) Nil

Publications (International Conferences)

1. “Design And Optimization Of High Gain Multiband Microstrip Patch Antenna For Lora Wan Applications” at International Conference on Challenges and Opportunities for Innovation in New Normal Scenario.
2. “A Compact Multiband Self Isolated Antenna for 5G mm wave Application using MIMO Technique” at 6th International E-Conference on Latest Trend in Science, Engineering and Technology
3. “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques” at Karunya University during IEEE International Conference on ICRAAE 2017.
4. “Microstrip Circular Patch Antenna for WiMAX and WLAN Application” at Sri Ranganathar Institute of Engineering and Technology during International Conference ICARTE-2015.

Publications (National Conferences)

1. “Microstrip Circular Patch Antenna for WiMAX and WLAN Application” at J.K.K.Munirajah college of Technology during National Conference EMICA-2015.
2. “Microstrip Antenna Array for WiMAX and WLAN Application” at Vivekanandha College of Technology for Women during NCSSWC-2014.
3. “Smart and Web based Health monitoring system using Arduino UNO” at Cheran college of Engineering during CEIET-2019.

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	WIRELESS AD HOC AND SENSOR NETWORKS (Jan – Apr 2017).	NPTEL & SWAYA	Jan - Mar 2017	44
2.	ANTENNAS	NPTEL	Jan – Apr 2017	56
3.	ANTENNAS	NPTEL	Jan – Apr 2018	56
4.	ADVANCE IN FOREST REMOTE SENSING	ISRO	Mar 5-13 2019	COMPLETED
5.	OUTCOME BASED EDUCATION	NPTEL	October 2022	ELITE
6.	TEACHING AND LEARNING IN ENGINEERING	NPTEL	APRIL 2023	ELITE

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1.	FDP on “Antenna and Microwave Engineering”	FDP	Ramco Institute of Technology,Rajapalayam	6 Days
2.	FDP on “Recent Trends in 5G Communication, Design & Technologies	FDP	Rajalakshmi Engineering College in association with IEEE Student Branch-REC, IETE and Institution Innovation Council	5 Days
3.	Workshop on “5G NOMA Communication	Workshop	CVR COLLEGE OF ENGINEERING ,Telanagana	2 Days
4.	Webinar on “Latest Research in Nano-Composites, Computational Physics, Cybersecurity, Network Communication & Data Privacy”	Webinar	EduCare, Taiwan with	1 Day

5.	STTP on “Research Trends in Antenna Design and Beyond Applications”	STTP	IEEE Student chapter at CARE College of Engineering	2 Days
6.	Recent trends about a dielectric antenna for real-time applications	Webinar	Saveetha Engineering College	1days
7.	Online STTP on Blooms Taxonomy - Higher Order Thinking skill in Electronics and Communication Engineering	FDP	Saveetha Engineering College	5days
8.	Outcome Based Education & Assessment of CO-PO Attainment	Workshop	KSRIET	1day
9.	Recent Trendy Antenna Design and Analysis using EM Solver”	FDP	Wilma Communications	5days
10.	"Recent Trends in Antenna and Microwave Technology"	STTP	CARE College of Engineering,	4days
11.	Recent Trends in wireless communication and 5G Technology	FDP	Narasus Sarathy Institute of Technogy	5days
12.	Advanced Antenna's Design for 5G MIMO with CST Studio Suite 2022 & Antenna Magus	Webinar	Kongu Engineering College	1days
13.	Recent Trends about Dielectric Antenna for Wireless Communication-Real-Time Applications	Hands-on Training	Saveetha School of Engineering	1days
14.	Faculty Induction Programme Phase 2	FDP	Teaching and Learning Centre, IIT Madras	12days
15.	Faculty Induction Programme Phase 1	FDP	Teaching and Learning Centre, IIT Madras	8days
16.	How to write a research paper	Seminar	KSRCT	1 day
17.	J-Gate –An Electronics Gateway for Research	Workshop	KSRCE	1 day
18.	Think Create Engineers	Workshop	PALS-IIT Madras	4 Days
19.	How to write a successful project proposal for funding agencies	Seminar	K.S.R CT	1 day
20.	Research issues and challenges in MIMO-OFDM for wireless communication	Seminar	BIT	1 day

21.	Advanced Antenna Design Using MATLAB and HFSS	Workshop	Kongu Engineering college	2 days
22.	Antenna Design and Simulation using ANSYS HFSS	Workshop	K.S.R CT	1 day
23.	Antenna Design and Analysis using CEM Simulation tools	Workshop	KSRIET	1 day
24.	Internet of Things	Workshop	KSRCE	2 days
25.	Network Simulator-2	Workshop	KSRCE	1 day
26.	Linear Integrated Circuits and Applications Lab	Workshop	CIET	1 day
27.	Design of Robotics with Embedded System	Workshop	SNSCE	1 day
28.	Embedded system	Workshop	BIT	1 day
29.	MatLab/Simulink for Communication Engineer	Workshop	VCTW	2 days
30.	Microstrip Patch Antenna Design using ADS tool	Seminar	Karpagam College of Engineering, Coimbatore	1 day
31.	Emerging Tools to Analyse Brain Wave for Artificial Limb Technology	Seminar	KSRCE	1 day
32.	Exploring the Impact of Wireless Communication in Health Care	Seminar	SriRamakrishna Engineering College	2 days

Membership in Professional Bodies

- IET

Subject Links

RF AND MICROWAVE ENGINEERING

MICROWAVE NETWORK THEORY

RF AMPLIFIERS AND MATCHING NETWORKS


PASSIVE AND ACTIVE MICROWAVE DEVICES

MICROWAVE GENERATION

MICROWAVE MEASUREMENTS

ANTENNA AND WAVE PROPAGATION

UNIT 1 TO 5

Name	Mr. M.M. ARUN PRASATH			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	Applied Electronics			
Date of Joining (KSRIET)	01-06-2021			
Experience (as on 01.03.2023)	Teaching: 15Y 8M	Industry:-	Others: -	
Number of Papers Published	National Journals : 03 International Journals : 08			
Number of Papers Presented	National Conferences : 07 International Conferences : 02			
Number of Patents Filed/ Published	1 Patent Filed & 7 Patents Published			
Books Published	National Publisher : 01 International publisher :00			
Contact Details	E Mail: arunprasathmm@ksriet.ac.in Mobile: + 91 9944643061			

BOOK PUBLICATION

- Received a certificate of publication of the text book entitled **“Electronic Devices and Circuits”** published in first edition with ISBN No.:978-93-5757-034-3 in February 2023 under SIPH.

MEMBERSHIP

- Member in IAENG (International Association of Engineers) No: 329270
- Appointed as a Member of Editorial board as Associate editor of the national chapter book **“EDUCATION AND NEW LEARNING TECHNOLOGY”** in February 2023.

RESOURCE PERSON

- Guest Speaker in a webinar titled **“DESIGN THINKING AND MICROPROCESSORS”** conducted by Department of Mechanical Engineering and IIC Cell of Annapoorana Engineering College, Salem on 07.03.2023

PUBLICATIONS

1. **M.M.Arun Prasath**, J.Aakash, I.Acksar Ahamath, K.Gokul, S.Krishnan **“IOT based manhole detection and monitoring system”** has been published in the International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC) ISSN:2348-2079, Volume 10, Issue 2, pp. 183-187, June 2022.
2. **M.M.Arun Prasath**, B.Ramesh, R.Vinoth, C.SanthoshKumar **“Micro Deep Neural Network Algorithm Based Novel Approach on Classification of Ultrasound Kidney Images”** has been published in A Journal of Composition Theory (JCT) ISSN: 0731-6755, Volume 12, Issue 6, pp. 266-273, June 2019.
3. B.Ramesh, **M.M.Arun Prasath**, S.Karthick, M.Sangeetha **“An Overview of Peak-to-average power ratio reduction in OFDM signals with performance comparison between clipping and filtering with selective mapping for wireless communication”** has been published in Science, Technology and Development Multidisciplinary Journal (STD) ISSN: 0950-0707, Volume 8, Issue 4, pp. 184-194, April 2019.
4. **M.M.Arun Prasath**, B.Ramesh, B.Divyapreethi, A.Manikandan **“An Approach to Predict Disease and avoid clogging in Data Mining using Genetic Algorithm”** has been published in Journal of Information and Computational Science (JOICS) ISSN: 1548-7741, Volume 9, Issue 3, pp. 82-91, March 2019.
5. M.Abinaya, J.Jothilakshmi, B.Divyapreethi, **M.M.Arun Prasath** **“Home Appliances Controlled by Gesture for Disability People”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 6, pp. 1420-1428, June 2018.
6. S.Karthick, **M.M.Arun Prasath**, C.Devasenapathi, R.ArulArumugam **“Power Effective cascaded Flash-SAR Sub ranging A/D conversion”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 5, pp. 2070-2073, May 2018.
7. B.Ramesh, **M.M.Arun Prasath**, S.Karthick, R.ArulArumugam **“Performance Comparison of BER with MIMO-OFDM for various Modulation methods using MRRC Technique”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 1, pp. 948-957, January 2018.
8. D.Vimala, R.Srinivasan, R.Vinoth, D.Vinoth, **M.M.Arun Prasath** **“Protection of Wireless Sensor Network from Gang Injecting False Data Attack”** has been published in

International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (**IJAREEIE**), Volume 3, Issue 2, pp. 7301-7311, February 2014.

9. R.Vinoth, R.Srinivasan, D.Vimala, **M.M.Arun Prasath**, D.Vinoth **“Probabilistic Based Rock Texture Classification”** has been published in International Journal of Advances in Engineering & Technology (**IJAET**), Volume 6, Issue 6, pp. 2439-2447, January 2014.
10. R.Vinoth, R.Srinivasan, D.Vimala, **M.M.Arun Prasath**, D.Vinoth **“Characterization of Color and Texture Features from Retrieved Images using CBIR”** has been published in International Journal of Research in Advent Technology (**IJRAT**), Volume 1, Issue 5, pp. 61-67 December 2013.
11. D.Vinoth, R.Vinoth, R.Srinivasan, **M.M.Arun Prasath**, D.Vimala **“FPGA Implementation of Efficient Modified VLSI Architecture for Multiplier”** has been published in International Journals of latest research in Engineering and Computing (**IJLREC**), Volume 1, Issue 2, pp. 07-10, November-December 2013.

International Conference

1. Sharanyanivasini J S, Nirmalprithivraj M, Tharanipriya S, Pradeepkumar G, Arun Prasath M M, Saravanakumar R, **“Sports Applications of Biomechanics Wearable Sensors using IoT”** has been presented in the **“SECOND INTERNATIONAL CONFERENCE ON ELECTRONICS AND RENEWABLE SYSTEMS (ICEARS 2023)”** at St. Mother Theresa Engineering College, Tuticorin held on 2nd to 4th March 2023.
2. M.M. Arun Prasath, **“Implementation of MATLAB Interface for Speed governing of AC Motor using DSP Processor”** has been presented in **‘INTERNATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT’ (ICSETM-2018)** at Annapoorana Engineering College, Salem held on 9th & 10th March 2018.

National Conference

1. M.M. Arun Prasath, **“Design Of On-Line Interactive Data Acquisition And Control System For Embedded Real Time Applications”** has been presented in **‘NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY’ (NCETCET-2018)** at MIT Academy of Engineering Alandi(D), Pune held on 27th & 28th January 2018.
2. M.M. Arun Prasath, **“Fuzzy Logic based DTC Control of Induction Motor”** has been presented in **‘NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY’ (NCETCET-2018)** at MIT Academy of Engineering Alandi(D), Pune held on 27th & 28th January 2018.
3. M.M. Arun Prasath, **“SOS Optimization Algorithm based ZVS Resonant Convertor for Grid connected System”** has been presented in **‘NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT’ (NCSETM-2018)** at Annapoorana Engineering College, Salem held on 25th January 2018.
4. M.M. Arun Prasath, **“Electrical Appliances Control using Android Smart Phones”** has been presented in **‘NATIONAL CONFERENCE ON SCIENCE, ENGINEERING,**

TECHNOLOGY AND MANAGEMENT” (NCSETM-2018) at Annapoorana Engineering

College, Salem held on 25th January 2018.

5. M.M. Arun Prasath, **“Real time System for Hand Motion Crane Control using RF Signals”** has been presented in ‘**NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT” (NCSETM-2018)** at Annapoorana Engineering College, Salem held on 25th January 2018.
6. M.M. Arun Prasath, **“Hardware Implementation of Code Compression in Embedded RISC Architecture to Reduce Memory Access Energy”** has been presented in ‘**NATIONAL CONFERENCE ON COMMUNICATION TECHNOLOGIES” (NCCT-2006)** at MepcoSchlenk Engineering College, Sivakasi held on 10th& 11th March 2006.
7. M.M. Arun Prasath, **“Code Compression in Embedded RISC Processor”** has been presented in ‘**NATIONAL CONFERENCE ON SIGNALS, SYSTEMS AND SECURITY’ (NCSSS-2006)** at Bannari Amman Institute of Technology, Sathyamangalam held on 24th& 25th February 2006.

ONLINE CERTIFICATION

S.No	COURSE	CONDUCTED BY	DATE	SCORE
1.	TEACHING AND LEARNING IN ENGINEERING (TALE)	NPTEL	JAN 2023 – FEB 2023	62%
2.	ACCREDITATION AND OUTCOME BASED LEARNING	NPTEL	AUG 2022 – OCT 2022	51%
3.	INTRODUCTION TO INTERNET OF THINGS	NPTEL	JAN 2022 – APR 2022	54%

PATENT APPLIED/PUBLISHED

S.No	Title of the Invention	Application Number/ Date of Filing	Publication Date
1.	CAMERA BASED SOLAR DRONE FOR FLORA IDENTIFICATION SYSTEM EMPLOYING ENSEMBLE MACHINE LEARNING	202331025378/ 04.04.2023	Filed for Publication
2.	PORTABLE IOT BASED PLANT HEALTH MONITORING SYSTEM (Design Patent with Grant)	375236-001/ 08.12.2022	07.02.2023
3.	A SMART HYBRID CHARGING COVER AND SYSTEM FOR MOBILE COMMUNICATION DEVICES	202241063465/ 07.11.2022	18.11.2022

4.	THE NOVEL ROUTING PROTOCOL FOR EFFICIENT NETWORK TOPOLOGY IN SMART GRID INFRASTRUCTURE	202231059317/ 17.10.2022	21.10.2022
5.	WEARABLE ELECTRONIC MONITORING OF BODY PARAMETERS	202221058890/ 14.10.2022	21.10.2022
6.	AN ARTIFICIALLY INTELLIGENT SYSTEM FOR MONITORING AND PREVENTING DRYNESS IN PLANTS	202241052122/ 13.09.2022	23.09.2022
7.	A MULTILEVEL INVERTER TOPOLOGY WITH REDUCED NUMBER OF SWITCHES FOR SOLAR PHOTOVOLTAIC APPLICATIONS USING IOT	202041049724/ 13.11.2020	20.11.2020
8.	IOT BASED PROACTIVE SURVEILLANCE TO IDENTIFY REAL TIME THEFT	202041047140/ 28.10.2020	06.11.2020

PROGRAMMES COORDINATED (SEMINAR/ WORKSHOP/ FDP / STTP OTHERS)

1. One day Seminar in **“IP AWARENESS PROGRAM”** under National Intellectual Property awareness mission on 23rd November 2022 with Intellectual Property Office, India at KSRIET, Tiruchengode.
2. National Webinar on **‘FPGA ARCHITECTURE AND ITS APPLICATION’** Organized by Department of Electronics and Communication Engineering at Surya Engineering College, Erode on 13th May 2021.
3. International Webinar on **‘INTERNET OF DRONE THINGS’** Organized by Department of Electronics and Communication Engineering at Surya Engineering College, Erode on 27th Oct 2020
4. National Webinar on **‘HANDS ON EMBEDDED SYSTEMS AND IOT’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 28th July 2020
5. National Webinar on **‘HIGH LEVEL LOGIC SYNTHESIS AND OPTIMIZATION OF DIGITAL VLSI CIRCUITS’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 27th July 2020
6. National Level Online Technical Quiz on **‘DIGITAL SIGNAL PROCESSING’** at Annapoorana Engineering College, Salem during 21st to 27th July 2020
7. National Webinar on **‘SATELLITE IMAGE PROCESSING FOR TRACKING ENVIRONMENTAL CHANGES’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 14th July 2020
8. International Webinar on **‘NUMERICAL ELECTROMAGNETICS - MODELING & SIMULATION’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 11th July 2020

9. National Webinar on **‘MODERN TRENDS IN HYPER SPECTRAL IMAGE ANALYSIS’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 10th July 2020
10. National Workshop on **‘INTELLECTUAL PROPERTY RIGHTS’** Conducted by IPR Cell at Annapoorana Engineering College, Salem on 29th February 2020
11. One Week Program on **‘SOFT SKILLS DEVELOPMENT’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 17th to 23rd August 2017
12. One day Program **‘DRISHTI ONLINE CONTEST 2017’** Conducted by Texas Instruments India University Program in Association with Digital Shark Technologies, Bangalore Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 21st July 2017
13. Two hours Workshop from Quality Improvement Cell on **‘SPOKEN TUTORIALS IN C & C++’** in association with IIT, Bombay Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 21st February 2014.
14. One day Workshop on **‘ROLE OF EMBEDDED SYSTEMS IN INDUSTRIES’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 17th February 2014.
15. One day National Level Seminar on **‘NANOTECHNOLOGY’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal on 4th March 2011.
16. Two days National Level Workshop on **‘HANDS ON TRAINING IN IMAGE PROCESSING’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal from 11th & 12th February 2011.
17. Two days National Level Workshop on **‘IMAGE PROCESSING USING MATLAB’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal from 25th & 26th February 2010.

PROGRAMMES ATTENDED (SEMINAR/ WORKSHOP/ FDP / STTP OTHERS)

1. Ten Days Online Faculty Development Programme (FDP) on **“ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING APPLICATIONS IN ENGINEERING”** Organized by Department of CSE, Bhoj Reddy Engineering College for Women, Hyderabad, Telangana in Association with Electronics & ICT Academy, NIT from 20th February to 1st March 2023.
2. Five Days Virtual FDP on **“APPLICATIONS OF COMPUTER VISION USING DEEP LEARNING”** Organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College, from 20th to 25th February 2023
3. Two Days Naan Mudhalvan FDP on **“ROBOTIC PROCESS AUTOMATION”** Foundation Course Organized by Government College of Technology, Coimbatore from 11th to 12th February 2023.
4. Five Days Virtual FDP on **“BIOMEDICAL SENSORS AND SIGNAL PROCESSING”** Organized by Department of Electronics and Communication Engineering,

Loyola Institute of Technology, Chennai from 09th to 13th January 2023

5. Participated and Completed successfully Two weeks AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“INDUSTRIAL IOT: SECURITY ISSUES, CHALLENGES & SOLUTIONS”** Organized by Department of Electronics and Communication Engineering, Methodist College of Engineering and Technology, Hyderabad from 26th December 2022 to 06th January 2023
6. Three Days FDP on **“HOW TEACHERS CAN MAKE A DIFFERENCE”** Organized by PALS with TLC (IIT Madras) from 01st to 03rd December 2022
7. Participated in the RRRLF Sponsored SALIS 2022: National Conference on Transformation of Learning Resource Centres in the Digital Era – Tutorial session on **“SWAYAM-NPTEL & IRINS”** Organized by Department of Library, K.S.Rangasamy College of Technology, Tiruchengode jointly with Society for the Advancement of Library and Information Science (SALIS) at KSRTC on 13th October 2022.
8. Five Days FDP on **“ELECTRONIC PRODUCT DESIGN”** Organized by Department of Electronics and Communication Engineering, K.S.R Institute for Engineering and Technology from 29th July to 03rd August 2022.
9. Six Days FDP on **“RECENT ADVANCEMENTS AND APPLICATIONS OF DATA SCIENCE”** Organized by Department of Electronics Engineering, Paavai Engineering College, Namakkal in association with Institution of Engineers (India), Salem from 27th June to 02nd July 2022.
10. One day Faculty Training Program (FTP'22) on **“ELECTRONICS”** on 05th May 2022 at VVDN Technologies Pvt. Ltd., Pollachi.
11. Three Days FDP on **“ELECTRONIC PRODUCT DESIGN”** Organized by K.S.Rangasamy College of Technology – AICTE IDEA LAB from 03rd to 05th March 2022.
12. A Webinar on **“EMERGING TRENDS IN NEXT GENERATION WIRELESS TECHNOLOGY”** Organized by the Department of ECE, CMS College of Engineering, Namakkal on 24th February 2022.
13. Five Days Online FDP on **“NBA ACCREDITATION AND TEACHING - LEARNING IN ENGINEERING”** Organized by Department of Electronics Engineering, Narasu's Sarathy Institute of Technology, Salem from 21st to 25th February 2022.
14. Participated and Completed successfully Five days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“PHOTONICS AND ITS APPLICATIONS”** Organized by Department of Electronics Engineering, Sardar Vallabhbhai National Institute of Technology, Surat from 14th to 18th February 2022.
15. A Webinar on **“INTELLECTUAL PROPERTY RIGHTS”** Organized by the Department of Mechanical Engineering, Annapoorana Engineering College, Salem on 31st January 2022.
16. A Webinar on **“INNOVATION AND RESEARCH: PATH TO PATENTS”** Organized by the Department of ECE, SRMIST, Chennai on 25th January 2022.
17. Three Days Online FDP on **“RECENT TRENDS IN WIRELESS COMMUNICATION TECHNOLOGIES”** Organized by Department of ECE, Bangalore Institute of Technology in association with IMAPS India from 3rd to 5th August 2020.
18. Three Days National Level Online Workshop on **“ROBOTICS”** Organized by Vikas College of Engineering and Technology, Vijayawada from 31st July to 2nd August 2020.
19. Two Days National Level Online Workshop on **“LEARNING MANAGEMENT SYSTEM”**

- Organized by the Department of ECE, Siddhartha Institute of Engineering and Technology, Telangana on 8th & 9th July 2020.
20. One Day Online Faculty Development Programme on **“IPR AWARENESS”** Conducted by Keyway Research, Tirupati during 13th May 2020.
 21. Five days Online Faculty Awareness Program on **“NAAC REVISED ACCREDITATION FRAMEWORK 2020”** Organized by JSPM Narhe Technical Campus, Pune from 11th to 15th May 2020.
 22. Two days Online Faculty Development Programme on **“CHALLENGES AND INNOVATION IN RENEWABLE ENERGY TECHNOLOGIES BY 2020”** Organized by Tagore Institute of Engineering and Technology, Attur on 9th & 10th May 2020.
 23. One Week Online Faculty Development Programme on **“EFFECTIVE AND INSTRUCTIVE RESEARCH”** from 4th to 10th May 2020 Organized by Sona College of Technology, Salem
 24. One Day Seminar on **‘WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY-2018 & WORLD ENVIRONMENT DAY-2018’ (THEME: ENABLING THE POSITIVE USE OF ARTIFICIAL INTELLIGENCE FOR ALL & BEAT PLASTIC POLLUTION)** Organized by The Institution of Engineers (India), Salem Local Centre in association with SAIL/Salem Steel Plant, Salem on 7th June 2018
 25. One Day Workshop on **‘NEW AGE APPLICATIONS OF STAINLESS STEEL & THE CHALLENGES IN SS FABRICATION’** Organized by The Institution of Engineers (India), Salem Local Centre in association with SAIL/Salem Steel Plant, Salem and Indian Stainless-Steel Development Association (ISSDA) on 29th May 2018
 26. Two days Faculty Development Workshop on **‘INNOVATIVE PRACTICES FOR EFFECTIVE PROFESSIONAL TEACHING’** Organized by Annapoorana Engineering College in association with The Institution of Engineers (India), Salem Local Centre on 22nd & 23rd Sep 2017
 27. One Week Faculty Development Training Programme on **‘OPTO ELECTRONIC DEVICES’** Organized by Centre for Faculty Development, Anna University Chennai at MPNMJ Engineering College, Erode from 15th to 21st May 2017.
 28. One Day Seminar on **‘OPTO ELECTRONIC DEVICES’** Organized by the Department of Electronics and Communication Engineering, MPNMJ Engineering College, Erode on 28th Sep 2016
 29. Two days Workshop on **‘FACULTY DEVELOPMENT PROGRAMME’** Organized by Helikx at Annapoorana Engineering College, Salem on 07th & 08th February 2014.
 30. One day Workshop on **‘QUALITY IMPROVEMENT CELL’** Organized by Anna University, Chennai and IIT-Bombay at Sona College of Technology, Salem on 25th January 2014.
 31. One day Seminar on **‘AGILENT MEASUREMENT’** Organized by Agilent Technologies Limited at Hotel GRT Grand Estancia, Salem on 4th October 2012.
 32. One day National Level Workshop on **‘MATLAB TOOLS WORKSHOP’** Organized by Department of Electronics and Communication Engineering, Gnanamani College of Technology, Salem on 12th December 2011.
 33. Two days Programme on **‘FACULTY DEVELOPMENT’** Organized by Annapoorana Engineering College, Salem on 29th & 30th June 2011.
 34. Five days National Level Workshop on **‘MISSION 10X FACULTY EMPOWERMENT WORKSHOP’** and get Certified on **‘HIGH IMPACT TEACHING SKILLS’** attested by Dale Carnegie & Associates, Inc. Trainer and Wipro, Organized by Wipro at PGP College of Engineering and Technology, Namakkal from 18th to 22nd April 2011.
 35. One day Seminar on **“INNOVATIONS IN MODERN POWER CONVERTORS”** Organized by

Department of Electrical and Electronics Engineering, Periyar Maniammai University, Thanjavur on 28th December 2009.

36. One day Seminar on **‘ULTRA - WIDEBAND COMMUNICATION SYSTEMS’** Organized by Department of Electronics and Communication Engineering, Pondicherry Engineering College, Puducherry on 30th November 2009.
37. Two days Faculty Development Programme on **‘TEACHING ETHICS : REDEFINING VALUES IN CONTEMPORARY SYSTEM OF EDUCATION’** Organized by the Department of Humanities & Applied Sciences, Ramappa Engineering College, Warangal on 28th February 2009 & 01st March 2009.
38. Three days National Level Workshop on **‘ATMEL MICROCONTROLLERS FOR EMBEDDED APPLICATIONS’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 26th to 28th November 2008.
39. Three days National Level Workshop on **‘LOW POWER AND MIXED SIGNAL VLSI’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 01st to 03rd January 2008.
40. Four days National Level Workshop on **‘MATLAB TOOLS AND DSP’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 03rd to 06th December 2007.
41. Three days Short Term Course on **‘FUZZY LOGIC, NEURAL NETWORKS AND APPLICATIONS’** under the Aegis of the Center for Continuing Education at Bannari Amman Institute of Technology, Sathyamangalam from 03rd to 05th December 2004.
42. Three days Workshop on **‘ADVANCED DIGITAL SIGNAL PROCESSING’** coordinated by the Center for Continuing Education at Bannari Amman Institute of Technology, Sathyamangalam from 19th to 21st November 2004.
43. Two days Short Term Course on **‘WIRELESS SECURITY SYSTEMS’** at Bannari Amman Institute of Technology, Sathyamangalam from 16th & 17th September 2004.

Name	JEYABHARATHI M			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01.07.2021			
Experience (as on 01.04.2023)	Teaching:1 year 6 Months	Industry: NIL	Others: - NIL	
Number of Papers Published	National Journals:-International Journals:03			

Number of Papers Presented	National Conferences: International Conferences: 04
Books Published	National Publisher: -International publisher:-01
Contact Details	E Mail: bharathii98spm@gmail.com Mobile: 9976435493

Publications (International Journals)

- Published a paper in International Research Journal of Engineering and Technology', Volume: 07 Issue: 12 | December 2020.
- Published a Paper "Super Compact FR-4 compatible 28 GHz antenna for 5G Handheld Devices" in Springer Nature Singapore through Distributed Computing and Optimization Techniques: Select Proceedings of ICDCOT 2021
- Published a Paper "A Compact Meander Infused (CMI) MIMO Antenna for 5G Wireless Communication" in IEEE Access through 2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA) , DOI: 10.1109/ICIRCA54612.2022.9985730 , Electronic ISBN:978-1-6654-9707-7, December 2022

Publications (International Conferences)

1. Presented a paper on the title "Super Compact FR-4 Compatible 28GHz Antenna for 5G Handheld Devices." in the International conference on Distributed Computing and Optimization Techniques conducted by SJB Institute of Technology, Bangalore.
2. Presented a paper on the title "A Compact Meander Infused (CMI) MIMO Antenna for 5G Wireless Communication" in IEEE Access through 2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA), RVS College of Engineering & Technology
3. Presented a paper on the title "A Circular Patch 4 element MIMO Antenna for 5G mobile application" in Artificial Intelligence and Machine Learning Enabled 5G Network ,Recent Advances and Challenges, Organized by Mahendra College of Engineering ,December 2021
4. Participated in RRRLF Sponsored SALIS 2022 :National Conference on Transformation

of Learning Resource Centers in Digital Era-Tutorial Session on SWAYAM & NPTEL

5. Participated and presented an Article titled “Parasitic and Stub Infused Antenna for 5G Wireless Communication” for the ICRTSEM '23.

ONLINE CERTIFICATION

S.No.	Course	Conducted by	Date	Grade
1.	Internet of Things	NPTEL	Feb – Apr 2019	Successful completion of course
2.	Accreditation And Outcome Based Learning	NPTEL	July – Dec 2022	Successful completion of course
3.	TALE	NPTEL	JAN-FEB 2023	Successful completion of course with ELITE

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Next Generation Wireless Technologies	STTP	Indo Global College of Engineering (AICTE)	2021
2.	Modern Antennas For Present And Futuristic Wireless Communication Technologies	Workshop	NIT Sikkim	2021
3.	05 Challenges in Antennas for Space Applications"	Workshop	Tesla Minds	2021
4.	Recent Emerging Trends in Electrical Engineering	FDP	Government College of Engineering and Technology, Jammu	2022
5.	Accreditation And Outcome Based Learning	Faculty Development Program	NPTEL	2022
6.	Advancement in antenna Technology for Future Application	Faculty Development Program	Velagapudi Ramakrishna Siddhartha Engineering College	2022
7.	Latest Research in Nano composites ,Physics ,Cyber Security,Network Communication, &Data Privacy	Webinar	Educare Taiwan with NSYSU ,Taiwan	2022
8.	How Teachers can make a difference	FDP	Teaching Learning Center, IIT Madras	2022
9.	Course on Digital Teaching Technique ICT Academy 2023	FDP	ICT Academy	2023

Training Offered

Membership in Professional Bodies

International Association of Engineers Life Member 332446.

Name	M.DHARANI			
Department	ECE			
Qualification	B.E.,M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining(KSRIET)	01-07-2022			
Experience (as on 01.03.2023)	Teaching: 5Y 11M	Industry:-	Others:-	
Number of Papers Published	National Journals:- 01		International Journals :-02	
Number of Papers Presented	National Conferences: -03		International Conferences:-02	
Books Published	National Publisher :-		International publisher :-	
Contact Details	EMail:dharanimurugesan93@gmail.com		Mobile:8838587461	

Publications(International Journals) –02

1. Published a paper entitled “Design and Development of self-powered temperature measurement and wireless data transmitting system” in IJSART Vol.3, Issue 12, Dec-2016.
2. Published a paper entitled “Motor imagery signal classification using semi supervised and unsupervised extreme learning machines” in (ICIIECS) Vol.4.

Publications(National Journals) –01

1. Published a paper entitled “Design and Development of self-powered temperature measurement and wireless data transmitting system” in IJSART Vol.3, Issue 12, Dec-2016.

Publications(International Conferences)–02

1. Presented a paper entitled “Urban Automated Irrigation system” in the International Conference on Advances in Bio Technology, civil and Mechanical science (IC ABCMS)
Organized by Selvam College of Technology, Namakkal.
2. Presented a paper entitled “Motor imagery signal classification using semi supervised and unsupervised extreme learning machines” in the International Conference on Innovations in Information, Embedded and Communications systems (ICIIECS’17) organized by Karpagam College of Engineering, Coimbatore.

Publications(National Conferences)–03

1. “Presented a paper entitled “Classification of Hyperspectral imagery using a new fully convolutional neural network” in the National Conference on Science, Engineering, Technology and Management (NCSETM-2018) organized by Annapoorana Engineering College, Salem
2. Presented a paper entitled “EEG Signal Classification using fast neural classifiers” in One Day National Conference on Power, Control and Energy Monitoring (NCPCEM-2017) organized by Kongu Engineering College, Perundurai.
3. Presented a paper entitled “GSM Based Automated Irrigation System using Sensors” in the National Conference on “GRID AND ENERGY MANAGEMENT (NCGEM’15) organized by Mahendra Engineering College, Namakkal.

Programmes Attended (Seminar/Workshop/FDP/STTP others)

S.No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Teacher training course –Big Talk course	Course	Happy mongo Learning Solutions Pvt. Ltd.	01.04.2023
2.	Teaching and learning in Engineering	Course	NPTEL - AICTE	JAN to FEB 2023(ELLITE)
3.	Teaching and learning in Engineering	FDP	NPTEL-AICTE	JAN to FEB 2023

4.	VLSI Design	FDP	St.Peters college of engineering and technology	23.01.2023-28.01.2023
5.	Recent Trends on Digital Image Processing Techniques	FDP	Sreenivasa Institute of Technology and Management studies - Chittoor	05.12.2022-09.12.2022
6.	Attended International webinar on Effective Methodology for Research Paper Writing	Webinar	V.S.B.Engineering College	03.09.2022
7.	One day workshop on “Workplace Communication”	Workshop	K S R Institute for Engineering and Technology	27.08.2022
8.	Successfully completed NPTEL course on “Accreditation and Outcome Based Learning”	Course	NPTEL-AICTE	Aug-Oct 2022
9.	Accreditation and Outcome Based Learning	FDP	NPTEL-AICTE	Aug-Oct 2022
10.	Design and Modeling of IOT, Ai & ML System	Workshop	All India Council for Technical Education (AICTE)	01.08.2022-05.08.2022
11.	Creation of start-ups in campuses-Adopting Experiential pedagogical Teaching Methods	FDP	K S Rangasamy College of MBA	18.07.2022-23.07.2022
12.	Machine Learning	Workshop	Mahendra Institute of Technology	07-02-19-08.02.2019
13.	Imparting industrial practices in Technical Education	Annual Convention	Indian society for technical education –TN selection	26.03.2018
14.	World Women Hack Anthon 2018	Hackathon	Mahendra Institute of Technology	2.03.2018-3.03.2018

15.	Recent Advancement in green energy Technology for sustainable environment	seminar	Kongu Engineering College	20.07.2018-21.07.2018
16.	Practical introduction to MATLAB for scientific Computing and engineering	Workshop	Kongu Engineering College	6.01.2018
17.	Wearable Technology	Seminar	The Institution of Engineers(Salem)	26.09.2017
18.	Understanding of students learning styles	FDP	Mahendra Institute of Technology	22.07.2017
19.	Embedded Programming for ARDUINO using MATLAB Tools and Techniques	Workshop	Kongu Engineering College	-

PROFESSIONAL MEMBERSHIPS

- ✓ Member of ISTE (Life time member).
- ✓ Member of IEI (Institution of Engineers India)

ADDITIONAL PROFESSIONAL RESPONSIBILITIES HELD

- ❖ **Co-Ordinator for various committee in College functions**
- ❖ **WOMEN Empowerment coordinator**

COURSE ATTENDED

15 Days (23.02.2016-30.03.2016) Kongu Engineering college perundurai

Two years of service 2011-2013 in National service scheme

PATENTS APPLIED&PUBLISHED

S.No	Title of the Invention	Application Number	Publication Date
1	Detection of varied EEG Pattern Signal for Chronic Migraine Patients Using Machine Learning Approach	r202241065256 A	15/11/2022

PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Name of the Programme	Type of Programme	Resource person	Date
1.	-Health Awareness Seminar- Seminar on Life Skills	Seminar	Ms.BharathiParamasivam, CEO- Beatus Language Academy, Namakkal	02.09.2022
2.	Opportunities through Japanese language	Seminar	Ms.Madhuvanthi, Japanese Language Trainer, Idli& Sushi-Learn Japanese	20.10.2022
3.	Collaborative coding Using Github	Workshop	Dr.G.Bindhu, M.E, Ph.D. Associate Professor, Department of CSE, Koneru Lakshmalah Education Foundation, Andhra Pradesh	12.11.2022
4.	How to plan for Startup and legal & Ethical Steps	Seminar	Dr.E. BHASKARAN. B.E., M.I.E., M.B.A., Ph.D., C.E., F.I.E., F.I.I.P.E.(D.Litt.), (D.Sc.). Joint Director (Engineering), Department of Industries and Commerce, Government of Tamil Nadu	22.2.2023

PROFILE

Dr. C. MUHUNTARAJAN

Professor and Head,
Department of English,
K.S.R. Institute for Engineering and Technology
Tiruchengode - 637215
Mobile:+91 95242 23311
Mail Id: hod_english@ksriet.ac.in
mugunth18@gmail.com

Educational Qualification:

Teaching Experience: 22.9 years which include 8 years as the **HoD & I Year Coordinator**

S. No.	Institution	Designation	Duration	
			From	To
1	Sengunthar Arts and Science College, Tiruchengode	Lecturer in English	03.07.2000	13.10.2005
2	Nandha Engineering College, Erode	Assistant Professor of English	14.10.2005	31.05.2011

3	Nandha College of Technology, Erode	Assistant Professor of English	01.06.2011	10.06.2012
4	K S R Institute for Engineering and Technology, Tiruchengode	Assistant Professor of English	14.10.2012	08.01.2015
5	K S R Institute for Engineering and Technology, Tiruchengode	Associate Professor and Head of English	09.01.2015	Till date

Strengths:

- ✦ **BEC Trainer**
- ✦ Cambridge University's Authorized **BEC Examiner**
(Cambridge ID:DC28HE)
- ✦ Successfully completed the Masterclass for **IELTS Trainers Workshop** in
September 2018 in **British Council**, Chennai
- ✦ Soft Skills Trainer (Certified by **Infosys**).
- ✦ **OET Examiner**
- ✦ Communication Skills Trainer (Certified by **Sutherland Technologies**)
- ✦ Good Motivator, Counsellor & Facilitator

Additional Roles in the present working Institution

- ✦ **ELT Trainer**
- ✦ Convenor of Cambridge ESOL Examinations (**BEC**)
- ✦ Coordinator of **ELTAI** (Namakkal Chapter)
- ✦ Convenor of **Lingua Club** (Club of English Department)
- ✦ Convenor of **Students Counselling Centre**
- ✦ Convenor of Internal Complaints Committee
- ✦ Coordinator of **I Year B.E & B.Tech**.Classes

Academic Skills:

1. Presented the paper titled **Womenomics** (Education Economy and Women Empowerment) in the **UGC National Conference** held in Vellalar College for Women, Erode from 3rd July 2006 to 5th July 2006.
2. Completed the three-day **Faculty Development Course** on Effective Teaching Methods conducted by Anna University, Chennai from 17th July 2006 to 19th July 2006.

3. Participated in the two-week **Staff Development Programme** on Imparting Learner-Training Skills for Engineering Faculty conducted by PSG College of Technology, Coimbatore from 19th January 2007 to 2nd February 2007.
4. Participated in **Soft Skills Workshop** conducted by **Infosys Technologies Limited**, Mysore from 3rd December 2007 to 7th December 2007.
5. Participated in the **Train the Trainers Programme** on Communication Skills conducted by **Sutherland Technologies Ltd.**, Bengaluru held in Kongu Arts and Science College, Erode from 18th August 2008 to 20th August 2008.
6. Participated in **Soft Skills Workshop** conducted by **Infosys Technologies Limited**, Bengaluru from 24th March 2010 to 26th March 2010.
7. Presented the paper titled **Modern Feminist Trends in Literature** in the **International Conference on Trends in Modern Literature: East and West** organized by the Department of English and Foreign Languages, Alagappa University, Karaikudi from 4th January 2011 to 5th January 2011.
8. Participated in the **State Level Workshop on Research Methodology** held in SSM College of Engineering, Komarapalayam on 20th July 2011
9. Attended the one-day **Faculty Development Programme** titled **Teacher Surpasses: Reinventing Classroom Dynamics – Towards Enhancing Learner Autonomy** in Dr. N.G.P. Institute of Technology, Coimbatore on 22nd July 2011
10. Presented the paper titled **Soft Skills for Employability** in the **National Conference on Fascinating Recent Evolutions in Science and Humanities (FRESH'11)** in Angel College of Engineering and Technology, Tirupur held during 11th & 12th August 2011
11. Attended the one-day **Conference**, ICTACT Bridge 2012 Coimbatore Edition organized by **ICTACT Academy, Tamilnadu** in Hotel Le Meridien, Coimbatore on 27th June 2012
12. Attended the two-day **Workshop-cum-Training** on “**Skill based training through technology and human interface – An industry institute initiative**” organized by Kongu Engineering College, Perundurai in association with Skillmate, Hyderabad on 25th & 26th July, 2012
13. Attended the two-day **BEC Teacher Support Program** focused on “**Developing Workplace Communication Skill of Young Graduates**” conducted by **Cambridge ESOL** in GRD College of Science, Coimbatore on 29th & 30th July, 2012
14. Participated in the two-day **National Summit** on “**Quality in Education for the 21st Century**” organized by **CII Institute of Quality** in Infosys Limited, Bangalore on 14th & 15th September, 2012
15. Presented the paper titled “**The Emergence of New Woman as Concept and Reality in Margaret Atwood's Fiction: A Feminist Perspective**” in the Three-Day **International Conference on English Literary Studies: Current Trends and Concurrent Challenges** organized by Thassim Beevi Abdul Kader College for Women, Kilakarai in collaboration with

English Language Teachers' Association of India (**ELTAI**) held during 21-23 September, 2012

16. Published an article titled “**Communication Skills – The Need of the Hour**” in the **ISTE Newsletter** (Page No: 9, October 2012 Issue)

17. Attended the one-day **Conference**, ICTACT Bridge 2012 Madurai Edition organized by **ICTACT Academy, Tamilnadu** in Hotel Fortune Pandian, Madurai on 31st October 2012

18. Prepared and Published “**Newsletter**” in the five-day **International Symposium on Macro- and Supramolecular Architectures and Materials (MAM 12)** 4rganized by Centre for Nano Science and Technology, **K.S.Rangasamy College of Technology, Tiruchengode** during 21-25 November, 2012

19. Presented the paper titled “**Corporate Communication**” in the Three-Day International Conference on English Grammar (**ICEG 2013**) organisedby **VIT University, Vellore** held during 3rd – 5th January, 2013

20. Attended the one-day **Conference**, ICTACT Bridge 2013 Chennai Edition organized by **ICTACT Academy, Tamilnadu** in Hotel Royal LeMeridien, Chennai on 19th February 2013

21. Organized the two-day **BEC Teacher Support Program** in K S R Institute for Engineering and Technology, Tiruchengode in association with People English, Bangalore and Cambridge ESOL on 26th& 27th February, 2013.

22. Conducted the two-day **Faculty Induction Programme** for the newly joint Faculty Members in the Institution on 25th& 26th June, 2013.

23. Presented the paper titled “**Enriching the Skills of Rural Students with Effective Methods of Teaching English Language using LSRW Skills**” in the **International Conference on 21st Century Learners – Learning Styles of Strategies** organized by SRM University, Chennai in association with English Language Teachers' Association of India (**ELTAI**) held during 18-20 July, 2013.

24. Organised the “Initiation of Lingua Club” for the academic year 2013-2014 in the Seminar Hall, KSRIET on 17th September, 2013.

25. Participated in the two-day **National Conclave** on “**Higher Education**” organized by **Confederation of Indian Industry Coimbatore Zone (CII)** in Hotel LeMeridien, Coimbatore on 29th& 30th November, 2013.

26. Organised and Participated in the two-day Refresher Course for Faculty of **BEC Programme** 4rganized by KSR Institute for Engineering and Technology in association with People English, Bangalore on 10th& 11th December, 2013.

27. Attended the one-day **Conference**, ICTACT Bridge 2013 Salem Edition organized by **ICTACT Academy, Tamilnadu** in Hotel Park Plaza, Salem on 18th December, 2013.

28. Acted as a “**Chair Person**” in the Paper Presentation during **The National Conference on “Fine-Tuning Presentation**” held on 24th August, 2015 at K.S.R. College of Engineering, Tiruchengode.

29. Presented the paper titled “**English for Employability**” in **The International Seminar on Fine-Tuning Presentation** held on 24th August, 2015 at K.S.R. College of Engineering, Tiruchengode.

30. Prepared and Published “**Newsletter**” in the four-day **International Conference on Nanomaterial and Nanotechnology** (NANO-15) 5rganized by Centre for Nano Science and Technology, **K.S.Rangasamy College of Technology, Tiruchengode** during 07-10 December, 2015.

31. Participated in the four-day **International Congress on English Grammar** organized by the department of English, **K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode** from 18th January to 21st January 2017.

32. Served as Member of the Organizing Committee in the International Conference on Nanomaterials and Nanotechnology (NAN)- 15) held at K.S. Rangasamy College of Technology, Tiruchengode during 7 -10 December 2015.

Publications in International Journals:

S. No	Journal Name	ISSN	Topic	Year
1	The Board of International of Recent and Innovation Trends in Computing and Communication	2321-8169 Volume 2, Issue 2	Audio Visual Media and English Learners	February 2014
2	Asian Journal of Research in Social Sciences and Humanities	2249-7315 Impact Factor: 3.094	Status of Woman in Margaret Atwood’s <i>The Edible Woman</i> and <i>Surfacing</i>	April 2016
3	Asian Journal of Research in Social Sciences and Humanities	2249-7315 Impact Factor: 3.094	Atwood’s <i>Surfacing: A Feminine Protest Against Gender Bias</i>	September 2016

Research Guidance:


S. No.	Course	Area of Specialization	Topic	University
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1	M.Phil	English	The formation and the usage of folklore elements from the major works of Mark Twain	Periyar University, Tamilnadu
2	M.Phil	English	English Literature on the Internet	Periyar University, Tamilnadu

Resource Person as an ELT Trainer:

S. No	Date	Role	Topic/Event	Institution
1	16.10.2014	Guest Lecture	Basic Communication Skills	Vellalar College for Women (Autonomous)
2	08.12.2014 to 13.12.2014	Trainer	Communication Skills, Soft Skills and Interview Skills	Vellalar College for Women (Autonomous)
3	17.06.2015	Guest Lecture	GD and HR Techniques	K.S.R. College of Arts and Science for Women
4	24.08.2015	Chair Person	International Seminar	K.S.R. College of Engineering (Autonomous)
5	10.10.2015	Chief Guest and Guest Lecture	Inauguration of S&H Association and Basic Manners and Etiquettes	MPNMJ Engineering College
6	28.10.2015	Guest Lecture	Interview Techniques	Erode Sengunthar Engineering College
7	11.12.2015	Chair Person	International Seminar	K.S.R. College of Arts and Science for Women
8	18.12.2015	Guest Lecture	Interview Skills	K.S.R. College of Arts and Science for Women
9	29.07.2017 to 31.07.2017	Trainer	Business English Communication Workshop	Bishop Heber College, Trichy

10	03.08.2018 to 05.08.2018	Trainer	Business English Communication Workshop	Bishop Heber College, Trichy
11	03.07.2019 to 07.07.2019	Trainer	5-Day Workshop on Soft Skills	K.S.R. College of Arts and Science for Women
12	11.07.2019 to 13.07.2019	Trainer	Workshop on Career Development Skills	Bishop Heber College, Trichy
13	17.10.2019	Jury Member	Teen Talk – 2019	K.S.R. CAS for Women
14	06.06.2020	Resource Person	Webinar	Gokaraju Rangaraju Institute of Engg. & Tech., Hyderabad.
15	26.06.2020	Resource Person	Webinar	Velalar College of Engg. & Tech., Erode.
16	15.07.2020	Resource Person	Webinar	Government College of Technology, Coimbatore.
17	09.01.2021 – 13.01.2021	Resource Person	Webinar	Bishop Heber College, Trichy
18	05.02.2021	Jury Member	Teen Talk – 2021	K.S.R. CAS for Women
19	10.02.2021	Resource Person	Webinar on Soft Skills	Arasu Engineering College, Kumbakonam
20	22.10.2021 – 23.10.2021	Resource Person	Workshop on Career Development Skills	Bishop Heber College, Trichy
21	01.11.2021	Chief Guest & Guest Lecture	Students Induction Programme	K.S.R. College of Engineering
22	31.05.2022	Guest Lecture	Young Students Scientist Programme	K.S.R. Arts and Science College (Autonomous)

Name	Mr. M. S. VIJAYARAJ		
Designation & Department	Assistant Professor & Mathematics		
Qualification	M.Sc., M.Phil.,		
Area of Specialization	Advanced Functional Analysis		
Date of Joining (KSR IET)	04.06.2012		
Experience (as on 01.03.2023)	Teaching: 16 Years 09 Months	Industry: 00	Others: 00
Number of Papers Published	National Journals : 00 International Journals : 00		
Number of Papers Presented	National Conferences : 00 International Conferences : 00		
Books Published	National Publisher : 00 International publisher : 00		
Contact Details	E Mail: vijay.ms80@gmail.com Mobile: 94866 15373		

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	Teaching And Learning in Engineering (TALE)	NPTEL	Jan – Feb 2023	72 %

Training Offered

- Faculty Development Programme (Probability And Random Processes)
2015 at AVS College of Engineering, Salem.

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM)

Faculty Profile

Name	Dr. P. SANGAIYA			
Designation & Department	Assistant Professor, Department of Physics			
Qualification	M.Sc., Ph.D.,			
Area of Specialization	Metal oxide (Iron Oxide) nanoparticles. Biological studies, P-N Junction diode, Photocatalytic activity			
Date of Joining(KSRIET)	23-11-2021			
Experience (as on 01.03.2023)	Teaching: 2 years 7 months	Industry: 7 Years	Others: 07 Years (Full-Time Research Experience)	
Number of Papers Published	National Journals :- International Journals 09			
Number of Papers Presented	National Conferences : 04 International Conferences: 03			
Books Published	National Publisher :- International publisher : -			
Contact Details	EMail: sangaiahbose@ksriet.ac.in ; sangaiahbose@ksriet.ac.in Mobile: 9585119084			

Publications(International Journals)

1. **P. Sangaiya** & Jayaprakash, R. (2020) Influence of annealing temperature and electrical conductivity of α -Fe₂O₃ nanoparticles for Schottky barrier diode. *Journal of materials science and materials in electronics*. 31(18) 15153-15174.
2. **P. Sangaiya** & Jayaprakash, R. (2018) Tuning effect of Sn doping on structural, morphological, optical, electrical and photocatalytic properties of iron oxide nanoparticles. *Materials Science in Semiconductor Processing*, 85, 40-51.
3. **P. Sangaiya** & Jayaprakash, R. (2018) A review on iron oxide nanoparticles and their biomedical applications, *Journal of Superconductivity and Novel Magnetism*. 31(11), 3397-3413.
4. V. Mohanraj, R. Jayaprakash, **P. Sangaiya**, S. Gopi, R. Dilip, R. Suresh (2017). Study of photocatalytic activity and inherent property of surfactant (PVA) on CdS nanoparticles by ultrasonic wave irradiation method. *International Journal of Hydrogen Energy*, 42(47), 28266-28277.
5. Mohanraj V., Jayaprakash, R., **P. Sangaiya**, Chandrasekaran, J., & Robert, R.

(2017). Influence of pH on particle size, band-gap and activation energy of CdS nanoparticles synthesized at constant frequency ultrasonic wave irradiation.

Materials Science in Semiconductor Processing, 66.

6. Gopi Somasundaram., Jayaprakash Rajan., **P.Sangaiya.**, Dilip Ravikumar (2019). Hydrothermal synthesis of CdO nanoparticles for photocatalytic and antimicrobial activities. *Results in Materials*, 4, 100044.
7. Gopi Somasundaram., Jayaprakash Rajan., **P. Sangaiya.**, Dilip Ravikumar (2019). Phytochemicals and Morphological Influence of Aloe Barbadensis Miller Extract Capped Biosynthesis of CdO Nanosticks. *Journal of Inorganic and Organometallic Polymers and Materials* 29(5).
8. R Dilip, R Jayaprakash, **P. Sangaiya**, S Gopi (2020). The magnetic property alterations due to transition from Barium ferrite (BaFe_2O_4) nano rods to Barium carbonate (BaCO_3) quantum dots. *Results in Materials*, 100121

Publications(InternationalConferences)

1. Oral Presentation at “*International Conference on Advance Material for Power Engineering, 11-13 December 2015-(ICAMPE-2015)*” at Mahatma Gandhi University, P.D Hills P.O, Kottayam, Kerala, India.
2. Oral Presentation at “*International Conference on Renewable Energy and Environment, 15-16 December 2016-(ICREE-2016)*” at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, Tamil Nadu, India.
3. Oral Presentation at “*The 11th Asia Pacific Conference on Sustainable Energy & Environmental Technologies, 06-10 March 2017-(ICAMPE-2015)*” at B. R. Ambedkar Bihar University, Muzaffarpur, Bihar, India.


TrainingOffered

1. Advances in laser & Its applications by webinar at Department of Science and Humanities, Jai Shriram Engineering College, Avinashipalayam, Tiruppur

SubjectLinks:

<https://scholar.google.com/citations?hl=en&user=mCX9QjYAAAAJ>

DEPARTMENT OF EEE

Name	Dr.R.Jeyabharath			
Department	EEE			
Qualification	B.E.,M.E.,Ph.D			
Area of Specialization	Special Machines, Embedded System			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 31.05.2020)	Teaching:17 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	36
Number of Papers Presented	National Conferences : 04		International Conferences : 16	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:jeya_psg@rediffmail.com Mobile:9894913159			

Publications (International Journals)

1. Veena P, Indragandhi V, Jeyabharath R,(2014) – Review of grid integrationschemes for renewable power generation system|| International journal of renewable and sustainable energy reviews , Elsevier publishers, pp 628- 641
2. P.Veena, V.Indragandhi, R.Jeyabharath, (2013)–An Interleaved Soft Switching Boost Converter with Bidirectional Full Bridge Inverter for Photovoltaic power generation|| Research Journal of Applied Sciences, Engineering & Technology, Vol. 6. No. 22, pp.4204-4210, 2013
3. V.Indragandhi, P.Veena, R.Jeyabharath, (2013), –Photo Voltaic Power Generation using Interleaved soft Switching Boost Converter- cascaded H-Bridge Inverter|| International Review of Modeling and Simulations, Vol. 6. No. 2, pp. 329-335, 2013.
4. Manojkumar P, Veena Parasunath & Jeyabharath Rajaiah,(2019) „Sustainable development of universal electronic control unit for fuel saving in automobiles to

protect the environment pollution”, Journal of electrical Engineering, Vol 19, No.2 pp.152-164

5. Ravivarman, S, Jeyabharath, R & Veena P 2016, „Analysis and Design of Single Switch Hybrid Step-up Converter“, Circuits and Systems, vol. 7, no. 4, pp. 211-221.
6. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up boost converter integrated with voltage multiplier cell“, International Journal of Innovations in Engineering and Technology, vol. 7, no. 1, pp. 626-632.
7. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications“, World Applied Sciences Journal, vol. 34, no. 7, pp. 871-877.
8. Jeyabharath Rajaiah, Velmurugan Ramar & Veena Parasunath 2016, „Harmonic Minimization in Seven-Level Cascaded Multilevel Inverter Using Evolutionary Algorithm“, Circuits And Systems, Scientific research publishing, vol. 7, no. 9, 19th July 2016, pp. 2309-2322. (ISSN 2153-1285) (Updated list of Journals 2016).
9. Jeyabharath, R, Velmurugan, V R. & Veena, P 2016, „Harmonic minimization in seven level cascaded multilevel inverter using Selective Harmonic Elimination PWM Technique“, Circuits And Systems, Scientific research publishing. (Accepted)
10. Srihari.T, Dr.Jeyabharath.R, Dr.P.Veena, –Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor, Advances in Natural and Applied Sciences, Vol. 10, Issue 5, pp.6-14, June 2016, ISSN: 1995- 0772.
11. Srihari.T, Dr.Jeyabharath.R, Dr.P.Veena, –ANFIS Based Space Vector Modulation- DTC for Switched Reluctance Motor Drive, Circuits and Systems, Vol. 7, pp. 2940- 2947, May 2016, ISSN: 2153-1285.
12. N. Arulmurugaselvi, Dr. R. Jeyabharath, Dr. P. Veena, –An Efficient Feature Selection And Fuzzy Neuralnetwork With Content Based Image Retrieval To Diagnosis Mammogram Breast Cancer, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 3, December 2016 (1631-1645).
13. Arulmurugaselvi.N., Jeyabharath.R., Veena.P, –Content Based Mammogram Image Retrieval Using Particle Swarm Optimization And Hybrid Classifier, Asian Journal Of Research In Social Sciences And Humanities, Asian Research Consortium. (Accepted)
14. P. M. Dhanasekaran, Parasunath Veena, Rajaiah Jeyabharath, –New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction, Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189
15. P. M. Dhanasekaran, R. Balamurugan, P. Veena, – New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control, Journal of Circuits, Systems, and Computers Vol. 24, No. 7 (2015). DOI: 10.1142/S0218126615501029
16. P.M.Dhanasekaran, P.Veena, R.Jeyabharath, –Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016, DOI:10.15680/IJRSET.2016.0507133.
17. Kulandaivel Velusamy, Veena Prasunath and Jeyabharath Rajaiah, 2016. –Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor, Asian

Journal of Information Technology, pp 4662-4668.

18. Kulandaivel V, Veena P, Jeyabharath R, 2016. –Power Factor Enhancement in Bridgeless LUO Converter Fed Switched Reluctance Motor Using Fuzzy Controller‖, International Journal of Innovative Research in Science, Engineering and Technology, pp 12526-12532.
19. R.Jeyabharath, – Safety and Security in RFID based Multilevel Vehicle Parking System‖, International Journal in Research and Development, Vol.3, no.1, Jan 2016
20. Veena P, R.Jeyabharath and Rajaram M. (2010), „Performance Improvement of Direct Torque Control for Switched Reluctance Motor using Neuro-fuzzy Controller“, International Journal of Control and Intelligent Systems, Actapress Publishers, Canada. Vol. 38, No. 3, 2010 (paper no. 201-2118)
21. Jeyabharath R, Veena P and Rajaram M. (2010), „Modeling and Simulation of Direct Torque Control for Multi Phase Switched Reluctance Motor Drive“, International Journal of Modeling And Simulation, Actapress Publishers, Canada. Vol. 30. No.2. pp.1-8. 2010 (paper no. 205-5136)
22. Jeyabharath R, Veena P and Rajaram M. (2008), „A High Performance DTC Strategy for Torque Ripple Minimization Using Discrete Space Vector Modulation Techniques for SRM Drive“ International Journal of Applied Engineering Research, IJAER 2008, Vol.4, No.3, pp 371-379
23. Veena P, Jeyabharath R and Rajaram M(2009) –Neuro Fuzzy based direct torque control for Switched reluctance motor drive‖ Interntional Journal of ACTA ELECTRO TECHNICA , Vol 50 , no 3, 179-184.
24. Guru Ramalingam M, Veena P, Jeyabharath R (2014) –Test pattern generation using BIST schemes‖ International Journal of Innovative Research in Science Engineering and Technology, IJIRSET, Vol 3, No 1, Feb 2014, pp.1095 -1101.
25. Jeyabharath R, Rajasekaran C & Veena P (2014), „Enhanced Data Acquisition System Using Embedded Ethernet for Industrial Applications“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 16. PP. 1814-1823
26. Rajasekaran, C, Jeyabharath, R & Veena, P (2014), „Design and Development of a FPGA based High Speed Data Acquisition System“, International Journal of Applied Engineering Research. Volume 9, Number 23 pp. 19977-19990.
27. Rajasekaran C, Jeyabharath R & Veena P (2014), „Hardware-Software Reconfigurable Techniques for Wireless Sensor Network“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 17. pp.1855-1862
28. M. Murugan, R.Jeyabharath and P.Veena,(2014) –Stability Analysis and Parameter Design of BLDC Drive Utilizing Root-Locus Approach‖, Journal of Theoretical and Applied Information Technology, Vol.61, March 2014
29. M.Murugan, R.Jeyabharath and P.Veena, (2013) –Stability Analysis of BLDC Motor Drive based on Input Shaping‖ , International Journal of Engineering and Technology, Vol 5, No 5, pp 4339-4348, October 2013
30. M.Murugan, R.Jeyabharath and P.Veena, (2012) –An Efficient Active Clamp Resonant DC Link for BLDCM Drive Systems‖, European Journal of Scientific Research, Vol. 88, No 4, pp.475-483, October 2012.
31. Veena P, Jeyabharath R, –An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive‖ International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp 197-205

32. Veena P, Jeyabharath R, –ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp. 187-196
33. Veena P Jeyabharath R, and Rajaram M. (2009), „Torque Ripple Minimization in Direct Torque Control Using Fuzzy Logic for Switched Reluctance Motor Drive“ International Journal of Systemics, Cybernetics and Informatics, IJSCI -09. Jan- 09.No.1 pp.032-03
34. Veena P, Jeyabharath R and Rajaram M(2009) – An improved direct torque control using intelligent techniques for switched reluctance motor drive IETECH journal of electrical Analysis Vol 3, No.1, pp 15-19.
35. Rajasekaran C, Jeyabharath R and Veena P –FPGA SoC Based Multichannel Data Acquisition System with Network Control Module Circuits and Systems Vol 8(2017), Issue 2, 2017
36. –Effective Energy Management in Electric Vehicles using High-Power Bidirectional DC-DC Converter Asian Journal of Research in Social Sciences and Humanities, Vol 7(2017), No.1, pp 731-743.

Publications (International Conferences)

1. R.Jeyabharath, P.Veena (2020) –Artificial Intelligence based Traffic Control System for Emerging Vehicles, International Conference on Engineering and Technology (ICET 2020).
2. R.Jeyabharath (2016), – An improved Direct Torque Control using Intelligent Technique for Switched Reluctance Motor Drive International conference on Emerging Trends in Science, Engineering and Technology, March 2016.
3. R.Jeyabharath (2016), –Safety and Security in RFID based Multilevel Vehicle Parking System, International Conference on computer, Electrical, Electronics, Management and Information Technology, March 2016
4. R.Jeyabharath (2015), –Modeling and Design of SR Motor Speed Control with FLC using State Space Technique, 2nd international Conference on Engineering Technology and Science, March 2015.
5. R.Jeyabharath (2015), –Intelligent Vehicle Identification and Speed Estimation, International Conference on Advanced Computing, Control systems, Machines, and Embedded Technology, ICACT, March 2015
6. R.Jeyabharath, (2014) – Implementation and Performance Analysis of BLDC motor using FLC Controller International Conference on Engineering Technology and Science, Feb 2014.
7. R.Jeyabharath M.Murugan, , –Analysis and Design of Fast Response BLDC Drive System, International Conference on Computation of Power, Energy, Information and Communication, Adhiparasakthi Engineering College, Melmaruvathur 18-19, April 2012.
8. R.Jeyabharath M.Murugan, , S.Manivel – Selection and Modelling of PMBLDC motor for Torque Ripple Minimization, International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, Karunya University, 1-2, March, 2013, pp no. 2757-2761
9. R.Jeyabharath M.Murugan, , Arjun Mohanlal – Speed and Rotor position

Estimation of BLDC motor using Extended Kalman Filter, International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, Karunya University, 1-2, March, 2013, pp no. 1714-1718.

10. R.Jeyabharath M.Murugan, , ArjunMohanlal – Speed and Rotor position Estimation of BLDC motor using Extended Kalman Filter, International Conference on Computation of Power, Energy, Information and Communication, Adhiparasakthi Engineering College, Melmaruvathur, 17-18 April 2013.
11. Veena P Jeyabharath R, Rajaram M and Sivanandam S.N (2009). „Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B5-1–2B5-6.
12. Veena P, Jeyabharath R, Rajaram M. and Sivanandam S.N (2009). „A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive“ Proceedings of IEEE International Conference on Man- Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B9-1 – 2B9-6.
13. Veena P, Jeyabharath R and Rajaram M. (2008), „A Fuzzy Logic Approach To Direct Torque Control Of Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference on power electronics drives & power systems, Power Coin- 2008, march 20th & 21st 2008, pp.18-22.
14. Jeyabharath R, Veena P and Rajaram M. (2006), „A Novel DTC Strategy of Torque and Flux Control for Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference PEDES-2006, IEEE New Delhi Section. 12-15 Dec 2006, pp.132-136.
15. Veena P , Jeyabharath R, and Rajaram M. ((2006) –A new Scheme of Torque and Flux Control for Switched Reluctance Motor Drive, Proceedings of IEEE India International Conference on Power Electronics, IICPE-2006, 19-21 dec 2006, pp 269 - 273
16. Jeyabharath R, Veena P and Rajaram M. (2005), „A New Converter Topology for Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference Indicon-05. IEEE Madras Section. 11-13 Dec.2005, pp. 580-584.

Publications (National Conferences)

1. R.Jeyabharath, – IOT based Remote Braking System and Security Enhancement for Automobiles, Proceedings of National Conference on Emerging Trends in engineering and Technology, 16th March 2019
2. R Jeyabharath, – Air ventilation system for indoor area using forced convection, Proceedings of 4th National conference on Recent Trends in Electronics Engineering (NCRTEC2k18)
3. R Jeyabharath, –Biometric Strategy measure for Enhanceing security in Bank System, National conference on Recent Trends in Engineering and Technology, March 2014
4. R Jeyabharath, A Direct Torque Control of Switched Reluctance Motor Drive, National Conference on Recent Trends in electrical Engineering (RTEE-05), August 2005.

Patents Filled : 02

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published
1.	202041025188	A Novel Method for Detection of Quality of Apples using edge Detection Approach	15 th June 2020	Yet to publish
2.	202041012783	System for Automatic Fog Cleaner for VLSI Cooler	24 th March 2020	05 th June 2020

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	MODROBS- Control And Instrumentation Lab with Virtual Instruments	AICTE	13,12,034	Coordinator

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	06.05.2013	16.05.2013	Research and Reconfigurable Embedded System for Medical Science	AICTE 3.75 Lakhs

Awards and Achievements

Name of the Award	Organization
Excellence in Research	Novel Research Academy, Puducherry
Best Administrator	The Institution of Engineers (India)
Best Supervisor	The Institution of Engineers (India)

Membership in Professional Bodies

- ▯ Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- ▯ IEEE - 94145541

Name	Dr.P.Veena			
Department	EEE			
Qualification	B.E.,M.E.,Ph.D			
Area of Specialization	Intelligent control, Special Machines			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 31.05.2020)	Teaching:15.3 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	35
Number of Papers Presented	National Conferences : 06		International Conferences : 14	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:veena_gce@yahoo.co.in Mobile: 9600343366			

Publications (International Journals)

1. Veena P, Indragandhi V, Jeyabharath R,(2014) – Review of grid integrationschemes for renewable power generation system|| International journal of renewable and sustainable energy reviews , Elsevier publishers, pp 628- 641
2. P.Veena, V.Indragandhi, R.Jeyabharath, (2013)–An Interleaved Soft Switching Boost Converter with Bidirectional Full Bridge Inverter for Photovoltaic power generation|| Research Journal of Applied Sciences, Engineering & Technology, Vol. 6. No. 22, pp.4204-4210, 2013
3. V.Indragandhi, P.Veena, R.Jeyabharath, (2013), –Photo Voltaic Power Generation using Interleaved soft Switching Boost Converter- cascaded H-Bridge Inverter|| International Review of Modeling and Simulations, Vol. 6. No. 2, pp. 329-335, 2013.
4. Manojkumar P, Veena Parasunath & Jeyabharath Rajaiah,(2019) „Sustainable development of universal electronic control unit for fuel saving in automobiles to protect the environment pollution“, Journal of electrical Engineering, Vol 19, No.2

pp.152-164

5. Ravivarman, S, Jeyabharath, R & Veena P 2016, „Analysis and Design of Single Switch Hybrid Step-up Converter“, Circuits and Systems, vol. 7, no. 4, pp. 211-221.
6. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up boost converter integrated with voltage multiplier cell“, International Journal of Innovations in Engineering and Technology, vol. 7, no. 1, pp. 626-632.
7. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications“, World Applied Sciences Journal, vol. 34, no. 7, pp. 871-877.
8. Jeyabharath Rajaiah, Velmurugan Ramar & Veena Parasunath 2016, „Harmonic Minimization in Seven-Level Cascaded Multilevel Inverter Using Evolutionary Algorithm“, Circuits And Systems, Scientific research publishing, vol. 7, no. 9, 19th July 2016, pp. 2309-2322. (ISSN 2153-1285) (Updated list of Journals 2016).
9. Jeyabharath, R, Velmurugan, VR & Veena, P 2016, „Harmonic minimization in seven level cascaded multilevel inverter using Selective Harmonic Elimination PWM Technique“, Circuits And Systems, Scientific research publishing. (Accepted)
10. Srihari.T, Dr. Jeyabharath.R, Dr. P. Veena, –Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor, Advances in Natural and Applied Sciences, Vol. 10, Issue 5, pp. 6-14, June 2016, ISSN: 1995- 0772.
11. Srihari.T, Dr. Jeyabharath.R, Dr. P. Veena, –ANFIS Based Space Vector Modulation- DTC for Switched Reluctance Motor Drive, Circuits and Systems, Vol. 7, pp. 2940- 2947, May 2016, ISSN: 2153-1285.
12. N. Arulmurugaselvi, Dr. R. Jeyabharath, Dr. P. Veena, –An Efficient Feature Selection And Fuzzy Neuralnetwork With Content Based Image Retrieval To Diagnosis Mammogram Breast Cancer, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 3, December 2016 (1631-1645).
13. Arulmurugaselvi.N., Jeyabharath.R., Veena.P, –Content Based Mammogram Image Retrieval Using Particle Swarm Optimization And Hybrid Classifier, Asian Journal Of Research In Social Sciences And Humanities, Asian Research Consortium. (Accepted)
14. P. M. Dhanasekaran, Parasunath Veena, Rajaiah Jeyabharath, –New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction, Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189
15. P. M. Dhanasekaran, R. Balamurugan, P. Veena, – New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control, Journal of Circuits, Systems, and Computers Vol. 24, No. 7 (2015). DOI: 10.1142/S0218126615501029
16. P.M. Dhanasekaran, P. Veena, R. Jeyabharath, –Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016, DOI: 10.15680/IJIRSET.2016.0507133.
17. Kulandaivel Velusamy, Veena Prasunath and Jeyabharath Rajaiah, 2016. –Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor, Asian Journal of Information Technology, pp 4662-4668.

18. Kulandaivel V, Veena P, Jeyabharath R, 2016. -Power Factor Enhancement in Bridgeless LUO Converter Fed Switched Reluctance Motor Using Fuzzy Controller, International Journal of Innovative Research in Science, Engineering and Technology, pp 12526-12532.
19. P.Veena, - ANN based Regenerative Braking system of Electric Vehicle, International Journal in Research and Development, Vol.3, no.1, Jan 2016
20. ManojKumar Palaniswamy & P.Veena, 2017, Designing of Real Time Controlled Area Network for automobiles using LabVIEW and cRIO, Asian Journal of research in social sciences and humanities, Vol 7, No.3., pp.964-974
21. Veena P, R.Jeyabharath and Rajaram M. (2010), „Performance Improvement of Direct Torque Control for Switched Reluctance Motor using Neuro-fuzzy Controller“, International Journal of Control and Intelligent Systems, Actapress Publishers, Canada. Vol. 38, No. 3, 2010 (paper no. 201-2118)
22. Jeyabharath R, Veena P and Rajaram M. (2010), „Modeling and Simulation of Direct Torque Control for Multi Phase Switched Reluctance Motor Drive“, International Journal of Modeling And Simulation, Actapress Publishers, Canada. Vol. 30. No.2. pp.1-8. 2010 (paper no. 205-5136)
23. Jeyabharath R, Veena P and Rajaram M. (2008), „A High Performance DTC Strategy for Torque Ripple Minimization Using Discrete Space Vector Modulation Techniques for SRM Drive“ International Journal of Applied Engineering Research, IJAER 2008, Vol.4, No.3, pp 371-379
24. Veena P, Jeyabharath R and Rajaram M(2009) -Neuro Fuzzy based direct torque control for Switched reluctance motor drive, International Journal of ACTA ELECTRO TECHNICA , Vol 50 , no 3, 179-184.
25. Guru Ramalingam M, Veena P, Jeyabharath R (2014) -Test pattern generation using BIST schemes, International Journal of Innovative Research in Science Engineering and Technology, IJRSET, Vol 3, No 1, Feb 2014, pp.1095 -1101.
26. Jeyabharath R, Rajasekaran C & Veena P (2014), „Enhanced Data Acquisition System Using Embedded Ethernet for Industrial Applications“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 16. PP. 1814-1823
27. Rajasekaran, C, Jeyabharath, R & Veena, P (2014), „Design and Development of a FPGA based High Speed Data Acquisition System“, International Journal of Applied Engineering Research. Volume 9, Number 23 pp. 19977-19990.
28. Rajasekaran C, Jeyabharath R & Veena P (2014), „Hardware-Software Reconfigurable Techniques for Wireless Sensor Network“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 17. pp.1855-1862
29. M. Murugan, R.Jeyabharath and P.Veena,(2014) -Stability Analysis and Parameter Design of BLDC Drive Utilizing Root-Locus Approach, Journal of Theoretical and Applied Information Technology, Vol.61, March 2014
30. M.Murugan, R.Jeyabharath and P.Veena, (2013) -Stability Analysis of BLDC Motor Drive based on Input Shaping, International Journal of Engineering and Technology, Vol 5, No 5, pp 4339-4348, October 2013
31. M.Murugan, R.Jeyabharath and P.Veena, (2012) -An Efficient Active Clamp Resonant DC Link for BLDCM Drive Systems, European Journal of Scientific Research, Vol. 88, No 4, pp.475-483, October 2012.
32. Veena P, Jeyabharath R, -An Improved Direct Torque Control Using Intelligent

Technique for Switched Reluctance Motor Drive|| International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp 197-205

33. Veena P, Jeyabharath R, -ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive|| International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp. 187-196
34. Veena P Jeyabharath R, and Rajaram M. (2009), „Torque Ripple Minimization in Direct Torque Control Using Fuzzy Logic for Switched Reluctance Motor Drive“ International Journal of Systemics, Cybernetics and Informatics, IJSCI -09. Jan- 09.No.1 pp.032-03
35. Veena P, Jeyabharath R and Rajaram M(2009) – An improved direct torque control using intelligent techniques for switched reluctance motor drive| IETECH journal of electrical Analysis Vol 3, No.1, pp 15-19.

Publications (International Conferences)

1. Indra Gandhi V, Dr.P.Veena (2012), -A review of interleaved soft switching Boost converter for power generation|| proceedings of IEEE-International conference on Advances in Engineering, Science and Management (ICAESM-2012) March 30-31, 2012. Pp 27-31. 3/0.23
2. Veena P Jeyabharath R, Rajaram M and Sivanandam S.N (2009). „Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B5-1–2B5-6.
3. Veena P, Jeyabharath R, Rajaram M. and Sivanandam S.N (2009). „A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive“ Proceedings of IEEE International Conference on Man- Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B9-1 – 2B9-6.
4. Jeyabharath R, Veena P and Rajaram M. (2008), „A Fuzzy Logic Approach To Direct Torque Control Of Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference on power electronics drives &power systems, Power Coin-2008,march 20th &21st 2008, pp.18-22.
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6. Veena P , Jeyabharath R, and Rajaram M. ((2006) –A new Scheme of Torque and Flux Control for Switched Reluctance Motor Drive|| Proceedings of IEEE India International Conference on Power Electronics,IICPE-2006,19-21 dec 2006, pp 269 - 273
7. Jeyabharath R, Veena P and Rajaram M. (2005), „A New Converter Topology for Switched Reluctance Motor Drive“ Proceedings of IEEE International Conference Indicon-05.IEEE Madras Section. 11-13 Dec.2005, pp. 580-584.
8. S.KrishnaKumar, P.Veena, – Analysis of Diode Models of PV Cells||, International

- conference in Advancements in Electrical and Electronics Engineering, March 2014.
9. Elenthendral R, Veena P, - Reduction of Harmonics in Demodulator using PWM Techniques|| Proceedings of TEQIP Sponsored International Conference on Computational Intelligence (ICCI-15) Apr7 & 8 2015.
 10. R.Jeyabharath, P.Veena (2020) –Artificial Intelligence based Traffic Control System for Emerging Vehicles||, International Conference on Engineering and Technology (ICET 2020).
 11. P.Veena(2020), –Online remote monitoring and control of windmill||, International Conference on Engineering and Technology (ICET 2020).
 12. P.Veena,|| Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients|| Proceedings of International Conference on Information Sciences and Renewable Energy Sources (ICISRES-2K19)
 13. P.Veena, (2018),–Pick and drop robotic arm using embedded system||, Proceedings of International Conference on Interdisciplinary Research Practices and Applications, March 2018.
 14. P.Veena, - ANN based Regenerative Braking system of Electric Vehicle using BLDC Motor||, International Conference on computer, Electrical, Electronics, Management and Information Technology, March 2016

Publications (National Conferences)

1. P.Veena,|| Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients|| Proceedings of National Conference on Emerging Trends in engineering and Technology, 16th March 2019.
2. P.Veena, —Analysis and Implementation of BFS Algorithm for Devotees Tracking using ZIGBEE Wireless Sensor Networks||, 5th National Level Conference on Recent Trends in Electrical Science, Feb 2015.
3. P.Veena, –Analysis of Diode Models of PV Cells||, National conference on Recent Trends in Engineering and Technology, March 2014.
4. P.Veena, –A Novel Strategy of Troque and Flux control of Switched Reluctance Motor Drive,||, National Level Conference on Intelligent Integrated Control and Automation, (IICA2006), Feb 2006.
5. P.Veena, –A New Scheme of Direct Torque and flux Control of Switched Reluctance Motor Drive, National Conference on Modern trends in Electrical and Electronics Systems, March 2006.
6. P.Veena,|| A New Converter Topology for Switched Reluctance Motor Drive||, National Conference on Recent Trends in electrical Engineering (RTEE-05), August2005.

Patents Filled : 02

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published
1.	202041025188	A Novel Method for Detection of Quality of Apples using edge Detection Approach	15 th June 2020	Yet to publish
2.	202041012783	System for Automatic Fog Cleaner for VLSI Cooler	24 th March 2020	05 th June 2020

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	06.05.2013	16.05.2013	Research and Reconfigurable Embedded System for Medical Science	AICTE 3.75 Lakhs

Awards and Achievements

Name of the Award	Organization
Best Woman Scientist	Novel Research Academy, Puducherry
Best Faculty Advisor	The Institution of Engineers (India)
Best Supervisor	The Institution of Engineers (India)

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)

Name	A. MURUGESAN			
Department	EEE			
Qualification	M.E. Ph.D.			
Area of Specialization	Control & Instrumentation			
Date of Joining (KSR IET)	03-12-2012			
Experience (as on 01.06.2020)	Teaching: 15 Yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 02	
Number of Papers Presented	National Conferences : 04		International Conferences : 02	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: murugesana@ksriet.ac.in Mobile: 9952162179			

Publications (International Journals)

1. Murugesan.A, Dr.Jeyabharath.R, -Performance Analysis and Speed Regulation Estimation of SR Motor Using FT-ANN Controller with Steady State Stability and FFT Analysis, Middle-East Journal of Scientific Research, Vol. 24, No.12, pp.3667-3677, 2016.
2. P Dhivya, A Murugesan, -Intelligent car braking system with collision avoidance and ABS, International Journal of Computer Applications, 975-8887, pp.16-20, 2015

Publications (International Conferences)

1. Murugesan, A & Jeyabharath, R, -Speed regulation and control of SR Motor using PID controller, ICETS'15, An International Conference, Muthayammal College of Engineering, Rasipuram. March 5th and 6th, 2015.
2. Murugesan, A & Jeyabharath, R, -Modeling and design of SR Motor speed control with FLC using state space technique, ICETS'14, An International Conference, Muthayammal College of Engineering, Rasipuram. Feb 10th and 11th, 2014.

Publications (National Conferences)

1. Murugesan, A, -Fuzzy Logic Controller paper Machine Moisture controller and -Fuzzy based two tank level control system, INSTRUVISION – 2K8 National Conference, Kamaraj College of Engineering & Technology, Virudhunagar.
2. Murugesan, A, -Medical Image Segmentation by Normalised Cut method, ETICT – 2006 National Conference, Sethu Institute of Technology, Kariapatti.
3. Murugesan, A, -Speech Signal Analysis & Recognition, RAIN – 2005 National Conference, Noorul Islam College of Engineering, Thuckalay.
4. Murugesan, A, -Speech Signal Analysis & Recognition, NCICCA – 2005 National Conference, Arulmigu Kalasalingam College of Engineering, Krishnankoil.

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Basic Electrical, Electronics and Instrumentation Engineering (monogram)	Dr. A. Murugesan	Department of EEE K S R Institute for Engineering and Technology	2019

Funded Research Projects


S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Modernization of Control and Instrumentation Lab with Virtual Instruments (MODROB)	AICTE	13,12,034	Subject Expert

Training Offered

- ▯ Hands on Training on Multisim

Membership in Professional Bodies

- ▯ Indian Society for Technical Education (ISTE) - Life Member (LM 47833)
- ▯ Institute of Engineers India (IE(I)) - Member (M-1596815)

Name	SACITHRAA R			
Department	EEE			
Qualification	M.E(Ph.D)			
Area of Specialization	CONTROL AND INSTRUMENTATION			
Date of Joining (KSR IET)	03-06-2013			
Experience (as on 01.06.2020)	Teaching:12.5Y	Industry:00	Others: 00	
Number of Papers Published	National Journals	01	International Journals	00
Number of Papers Presented	National Conferences : 02		International Conferences : 03	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:sacithraar@gmail.com			Mobile:9524041999

Publications (International Journals)

- -Quantitative Analysis of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares|| International Journal of Computer Applications.2013,Vol 1, P No:29-33.

Publications (International Conferences)


- -Quantitative Analysis of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares|| International Conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, conducted by Karunya University, Coimbatore, 1st & 2nd March 2013.
- -Eye Blink Sensor Controlled Home Automation for Paralysed and Elderly people|| International conference on Information Science and Renewable Energy Resources ICISRES-2019, conducted by Selvam college of technology, Namakkal.7th & 8th March, 2019.
- -Zone based speed control in electric vehicle|| 6th International conference on Engineering and Technology ICET-2020, conducted by Selvam college of technology, Namakkal. 4th & 5th March 2020.

Publications (National Conferences)

- –Constituent Determination of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares|| National Conference on Recent Trends in Communication, Computation & VLSI, Conducted by Sri Ramanathan Engineering College,Vijayamangalam, 21st February 2013.
- —An Arduino Based Water management and Automatic Bill generation System|| National Conference on Emerging trend in Engineering and Technology, conducted by Nandha College of Technology, Erode. 16th March 2019.

Membership in Professional Bodies

- ▯ **Indian Society for Technical Education (ISTE) - Life Member (LM 51640)**
- ▯ **Institute of Engineers India (IE(I)) - Member**

Name	SIVAKUMAR C			
Department	EEE			
Qualification	M.E.			
Area of Specialization	POWER SYSTEMS ENGINEERING			
Date of Joining (KSR IET)	09-06-2015			
Experience (as on 01.06.2020)	Teaching: 5 years	Industry: 5 months	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 04		International Conferences : 01	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: siva7606@gmail.com		Mobile: 9942688763	

Publications (International Journals)

-NIL-

Publications (National Journals)

-NIL-

Publications (International Conferences)

- -Smart Agricultural System|| 4th National conference on Recent Trends in Electronics Engineering(NCRTEC2k18), conducted by Jayalakshmi Institute of Technology, Thoppur. March 2018.
- International conference on Information Science and Renewable Energy Resources ICISRES-2019, conducted by Selvam college of technology, Namakkal.7th & 8th March, 2019.

Publications (National Conferences)

- -Self Balance Vehicle|| 4th National conference on Recent Trends in Electronics Engineering(NCRTEC2k18), conducted by Jayalakshmi Institute of Technology, Thoppur. March 2018.


- -Dual Axis Solar Tracking System|| National Conference on Emerging Trends in Engineering and Technology NCETET-20, conducted by Nandha College of Technology, Erode. 16th March 2019.
- -Energy Harvesting Using Piezoelectric Sensor in Roadways|| National Conference on Computing Communication Technology and Science NCCCTS-20, conducted by Mudhayammal College of Engineering, Namakkal. 6th March 2020.

unded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	20.07.2016	22.07.2016	Entrepreneur Awareness Camp program	Grants from DST in association with EDI India under NSTEDB Rs.20,000
2.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-I 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000
3.	16.08.2017	18.08.2017	Entrepreneurship Awareness Camp-II 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000
4.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-III 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000
5.	31.07.2018	02.08.2018	Entrepreneurship Awareness Camp-I 2018-19	Grants from DST in association with EDI India under NSTEDB Rs.20,000
6.	14.02.2019	16.02.2019	Entrepreneurship Awareness Camp-II 2018-19	Grants from DST in association with EDI India under NSTEDB Rs.20,000
7.	17.02.2020	19.02.2020	Entrepreneurship Awareness Camp-I 2019-20	Grants from DST in association with EDI India under NSTEDB Rs.20,000
8.	09.03.2020	11.03.2020	Entrepreneurship Awareness Camp-II 2019-20	Grants from DST in association with EDI India under NSTEDB Rs.20,000

Membership in Professional Bodies

- **Institute of Engineers India (IE(I)) - Member**

Name	Dr. S.VELMURUGAN			
Department	EEE			
Qualification	M.E.,Ph.D.,			
Area of Specialization	Power Electronics and Drives, Image Processing			
Date of Joining	04-12-2019			
Experience (as on 01.06.2020)	Teaching:14 years 10 Months	Industry:Nil	Others: Nil	
Number of Papers Published	National Journals : 00	International Journals	06	
Number of Papers Presented	National Conferences : 08	International Conferences	: 07	
Books Published	National Publisher : 00	International publisher	00	
Contact Details	E Mail:velmuruganmec@gmail.com		Mobile:8870769646	

Publications (International Journals)

1. Velmurugan S& Selvarajan S 2018,,,"A Multimodal Authentication for Biometric Recognition System Using Hybrid Fusion Techniques", International Journal of Cluster Computing Springer US, Print ISSN 1386-7857, Online ISSN 15737543 <https://doi.org/10.1007/s10586-018-1952-2> Published Online 02-March 2018.
2. Velmurugan S& Selvarajan S 2015,,,"Linear Binary Pattern Based Biometric Recognition Using Hand Geometry and Iris Images", International Journal of Applied Engineering Research, ISSN 0973-4562 © Research India Publication, vol. 10, no. 24, pp. 45675-45683.
3. S.Velmurugan &Amritha K.C, 2014 „Personal Identification Using Multibiometrics Score-Level Fusion" International Journal of Research in Engineering and Technology IJRET ISSN: 2321-7308 Volume: 03 Special Issue: 07pp.800-804.
4. Velmurugan S & Srilekha D „Physical Activity Classification and Monitoring using

Artificial Neural Network" International Journal of Computer Applications IJCA, ISSN 0975 – 8887 vol 01 pp.26-31

5. Dr.S.Velmurugan , P.Saran Raj , I.Sathiskumar , D.Raghul "Wireless Charging of Electric Vehicle", International Journal of Science & Engineering Development Research (www.ijedr.org), ISSN:2455-2631, Vol.4, Issue 4, page no.345 - 349, April-2019, Available :<http://www.ijedr.org/papers/IJEDR1904073.pdf>
6. Dr. S. Velmurugan ,Karthika Devi S, Latha S, Logeshwaran V, Dineshkumar S. (2020). Development of Smart Robot Car For Surveillance. International Journal of Advanced Science and Technology, 29(7), 4386-4393. <http://sersc.org/journals/index.php/IJAST/article/view/23251>

Publications (International Conferences)

1. Velmurugan S –Autonomous Drainage Cleaning Systeml International conference on Advancements in Science, Engineering & Technology (ICASET"19), M.P.Nachimuthu M.Jaganathan Engineering College 16th March 2019
2. Velmurugan S & Selvarajan S „Personal Identification Using Multibiometrics Score Level Fusion" International conference on Trends in Technology for Convergence „TITCON-2014",AVS Engineering College 8th &9th April 2014.
3. Velmurugan S & Harishankari R „Neural Network Based Wearable Physical Activity Classification System", TEQIP II Sponsored International Conference on Emerging Trends in Information Technology ICETIT"15,Anna University BIT Campus, Trichy 9th 10th March 2015.
4. Velmurugan S & Selvarajan S „ Median Robust Noise Resistant Extended Linear Binary Pattern With Hand Geometry and Iris Images" International Conference on Recent Trends in Engineering and Technology ICRTET"17 KSR Institute for Engineering and Technology,17th March 2017.
5. Velmurugan S „Emergency Transportation And Automation In Parking By Radio Frequency Technology" International Conference on Recent Trends in Engineering and Technology ICRTET"17 KSR Institute for Engineering and Technology 17th March 2017.
6. Velmurugan S Autonomous Drainage Cleaning System Fourth international Conference on Advancements in Science Engineering and Technology (ICASET"19) organized by

M.P .Nachimuthu M.Jganathan Engineering college 16th March 2019

7. Velmurugan S Wireless Charging of Electric Vehicle International Conference on Information Sciences and Renewable Energy Sources (ICISRES'19) Organized by Selvam College of Technology in Association with Institution of Engineers (india) and IJCA on 07th and 08th March 2019.

Publications (National Conferences)

1. Velmurugan S & Harishankari R „CAN Based Intelligent Vehicle Communication Controlled By Smartphone“, National Conference on Frontiers in Applied Sciences and Computer Technology (FACT'15) at National Institute of Technology(NIT) Trichy Vol 03 March 6&7 2015.
2. Velmurugan S & Srilekha D „Physical Activity Classification and Monitoring Using Artificial Neural Network“ TEQIP II Sponsored National conference on Information and Communication Technologies (NCICT'15), Coimbatore Institute of Technology 19th &20th February 2015.
3. Velmurugan S & Amritha K.C „A Biometric Identification System Using Face and Signature“, 4th National Conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, Erode 27th &28th February 2014.
4. Velmurugan S & Jomy Joy „Digital Video Watermarking System For Authentication Using DCT“, 4th National Conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, Erode 27th &28th February 2014.
5. Velmurugan S, -A generalized scalar PWM approach for three phase Voltage source inverter fed DC drive, National Conference On Recent Advancements & Challenges in Electrical Engineering and Applications Institute of Road and Transport Technology Erode, 01March , 2012 pp 127-131.
6. Velmurugan S& Sahira Farrvin Banu M, -Multilevel inverter Fed Grid Connected PV System, National Conference On Innovations in Electrical and Electronics Engineering (IEEE'11) M.P.Nachimuthu M.Jaganathan Engg College, 21 January, 2011 pp112-116.
7. Velmurugan S & Mahendran G, -Balancing the supply and Demand using Flexible Reliable Intelligent Energy Delivery System, National Conference On Cutting Edge

Technologies in Power Conversion and Industrial Drives, Bannari Amman Institute of Technology, Sathyamangalam, 16th & 17th March 2011 pp43-47


8. S.velmurugan, M.Muruganandham, -Total Design and simulation of modified fuzzy controller for closed loop control of four quadrant dc-dc converter fed dc drivell, National Conference On Advanced Computing, Control and Automation, K.S.Rangasamy College of Technology, Tiruchengode, 3 & 4 April, 2009 pp7-14.

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	13.08.2012	14.08.2012	Power Electronics for Renewable Energy Systems	TNSCST & NCSTC Sponsored
2.	03.06.2011	03.06.2011	Computational Intelligence Techniques in green energy	AICTE


Membership in Professional Bodies

- ☐ Indian Society for Technical Education (ISTE) - Life Member (LM70835)
- ☐ Member in Solar Society of India (SSI)-Life Member
- ☐ Life member in International Association of Engineers (IAENG)

Name	ARVIND T			
Department	EEE			
Qualification	M.E			
Area of Specialization	POWER SYSTEM ENGINEERING			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.06.2020)	Teaching: 5 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 03	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: tamilarvind1103@ksriet.ac.in			Mobile:7502066410

Publications (National Conferences)Books /Instruction materials/monographs published

- ☐ Smart Dustbin for Automatic Waste Segregation Based on IOT.
- ☐ Driving License Based Bio-Authenticated Smart Vehicle.
- ☐ Wireless Based Energy Meter Monitoring and Management System.

Name	Dr. C.SANTHA KUMAR			
Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
Qualification	B.E, M.E, PH.D			
Area of Specialization	POWER ELECTRONICS , RENEWABLE ENERGY , ELECTRICAL MACHINES.			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 30.05.2020)	Teaching:8.10 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals 00	International Journals 03		
Number of Papers Presented	National Conferences : 02	International Conferences : 02		
Books Published	National Publisher 00	International publisher 00		
Contact Details	E Mail:sss.santha79@gmail.com Mobile:99528-41020			

Publications (International Journals)

1. Santha kumar C, Shivakumar R & Bharatiraja C 2017, -A pulse width modulation for PV connected Diode assisted Z-source NPC- MLI to obtain high voltage gain ||, Journal of Electrical Engineering, ISSN 1582-4594, vol. 17,no. 4 pp.290-297.
2. Santha kumar C, Shivakumar R & Bharatiraja C 2018, -A self Balancing Space Vector PWM for Z Source T Multilevel Inverter||, Journal of Electrical Engineering, ISSN 1582-4594, vol. 18,no. 3 pp.135-143.
3. Santha kumar C, Shivakumar R & Bharatiraja C & Sanjeevikumar P 2017, -Carrier Shifting Algorithm for the Mitigation of circulating Current in Diode Clamped MLI Fed Induction Motor Drive ||, International Journal of Power Electronic and Drive System, ISSN 2088-8694, vol. 08,no. 2, pp.31-39.

Publications (International Conferences)

1. C.Santha kumar -Sequential control of soot blower in recovery boiler using PLC||, International conference on Recent Trends in Engg. And Technology, KSRinstitute for Engineering and Technology, 17th March, 2017.

2. C.Santha kumar –Grid frequency based Load control system using PIC microcontroller, International conference on Recent Trends in Engg. And Technology, KSR institute for Engineering and Technology, 17th March, 2017.

Publications (National Conferences)

1. C.Santha kumar –Vehicle monitoring and Accident Prevention using MEMS accelerometer with GPS tracking, 5th National conference on Recent Trends in Electrical science, KSR institute for Engineering and Technology, 26th Feb., 2015.
2. C.Santha kumar –Design and Implementation of Multi-level Inverter for Photovoltaic system using FPGA controller, National conference on Recent Trends in Power engineering, KSR institute for Engineering and Technology, 26th Feb., 2015.

Membership in Professional Bodies

- **Indian Society for Technical Education (ISTE) - Life Member (LM 42267)**

Name	Dr. T. Srihari, Professor			
Department	Electrical and Electronics Engineering			
Qualification	M.E., Ph.D.			
Area of Specialisation	Special Electrical Machine, Power Electronics and Drives			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.06.2020)	Teaching: 16	Industry:00	Others: 00	
Number of Papers Published	National Journals: 03		International Journals: 05	
Number of Papers Presented	National Conferences: 02		International Conferences: 02	
Patents Published	National: 03		International:	
Fund Received	Research Project : Rs.21,68,839 Workshop/Conference		: 2,60,000	
Contact Details	Email: k.t.srihari@gmail.com, srihari@ksriet.ac.in Mobile: 9442102071			

Research Member Links/ ID

Google scholar link	https://scholar.google.com/citations?user=UzgmW_cAAAAJ&hl=en
ORCID	https://orcid.org/0000-0003-3641-7396
ResearcherID	I-4370-2018
Scopus Author ID	57189073749

Publications

Patents

1. Dr.T.Srihari and 12 others "Artificial Intelligence Enabled Bot For Railway Track Cleaning",Application No is 202041007777 A, Date of File: 24th Day of February 2020.
2. Dr.T.Srihari and 23 others "Harvesting Machine For Tapioca Vegetables" Application No is 202041012787 A, Date of File: 24th Day of March 2020.

3. Dr.T.Srihari and 18 others "System For Automatic Fog Cleaner For VISI Cooler" Application No is 202041012783 A, Date of File: 24th Day of March 2020.

International Journals

1. C. Nelson Kennedy Babu, W. Deva Priya, T. Srihari, "Effective Crop Loss Assessment for Picture Based Insurance Claim", TEST Engineering & Management 83 (March - April 2020), 11605 – 11610.
2. Srihari, T, Jeyabharath, R & Veena, P 2016, 'Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor', Advances in Natural and Applied Sciences, ISSN: 1995-0772, vol. 10, issue 5, pp. 6-14.
3. Srihari, T, Jeyabharath, R & Veena, P 2016, 'ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive', Circuits and Systems, ISSN: 2153-1285, vol. 7, pp. 2940-2947.
4. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2016, 'Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach', Circuits and Systems, vol. 7, pp. 2168-2175 ISSN: 2153-1293
5. Devapriya, W, Babu, C & Srihari, T 2015, 'Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching', World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 9, pp. 1012- 1018. ISSN: 2010-3778

National Journals

1. Srihari, T.; Jeyabharath, R.; Veena, P.; 2016, 'An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive', South Asian Journal of Engineering and Technology vol. 2, No.16, pp. 125- 133. ISSN: 2454-9614
2. Srihari, T. & Ramya, A. 2016 'Raspberry Pi (Model B) Based Interactive Home Automation System' International Journal of Trend in Research and Development, Volume 3(1), vol. 3, No.1 pp. 438- 440. ISSN: 2394-9333
3. Suganya, R. & Srihari, T. 2014 'Neural Network Based Vehicle Classification', COMPUSOFT: International Journal of Advanced Computer Technology ISSN:2320-0790

International Conferences

1. W. Devapriya, C. N. K. Babu & T. Srihari 2016, 'Real-time speed bump detection using Gaussian filtering and connected component approach,' *IEEE World Conference on Futuristic Trends in Research and Innovation for Social Welfare (Startup Conclave)*, Coimbatore, 2016, pp. 1-5. DOI: 10.1109/STARTUP.2016.7583981
2. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2015, 'Advance Driver Assistance System (ADAS)—Speed Bump Detection', IEEE International Conference on Computational Intelligence and Computing Research, Madurai, 10-12 December, 1-6. <http://dx.doi.org/10.1109/ICCIC.2015.7435753>.

National Conferences

1. Srihari, T, Jeyabharath, R & Suryaprakash, S 2014, 'Torque Ripple Minimization of 8/6 Switched Reluctance Motor Based upon Evolutionary Computing Technique', International Conference on Science, Engineering and Management (ICSEM'14). ISBN-9789380530-70-3, vol. 3, pp. 431-438.
2. Srihari, T, Jeyabharath, R & Veena, P 2016, 'An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive', International Conference on Emerging Trends in Science, Engineering & Technology (ICETSET'16) vol.2,no.16,Pp. 125-133.

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	KSRIET Aspiring ICT based SPDC	AICTE, New Delhi	Rs.21,68,839	Coordinator
2.	IPR an entrepreneur view	MSME-IPR	Rs.1,00,000	Coordinator

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	20.07.2016	22.07.2016	Entrepreneur Awareness Camp program	Grants from DST in association with EDI India under NSTEDB Rs.20,000
2.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-I 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000
3.	16.08.2017	18.08.2017	Entrepreneurship Awareness Camp-II 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000
4.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-III 2017-18	Grants from DST in association with EDI India under NSTEDB Rs.20,000

5.	31.07.2018	02.08.2018	Entrepreneurship Awareness Camp-I 2018-19	Grants from DST in association with EDI India under NSTEDB Rs.20,000
6.	14.02.2019	16.02.2019	Entrepreneurship Awareness Camp-II 2018-19	Grants from DST in association with EDI India under NSTEDB Rs.20,000
7.	17.02.2020	19.02.2020	Entrepreneurship Awareness Camp-I 2019-20	Grants from DST in association with EDI India under NSTEDB Rs.20,000
8.	09.03.2020	11.03.2020	Entrepreneurship Awareness Camp-II 2019-20	Grants from DST in association with EDI India under NSTEDB Rs.20,000

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Wearable for Visually Impaired Using Embedded Systems	FORGE.FACTORY, G Floor, KCT Tech Park, #3 Athipalayam Road, Chinnavedampatti, Coimbatore, Tamil Nadu 641049
2.	IoT Based Home Automation Using Raspberry Pi B+	KSREI

Resource person

1. NI-Multisim based Hands-on simulation course for 90 hours at KSR Institute for Engineering and Technology.
2. Resource person for the workshop "MATLAB ONRAMP".
3. Resource person for Faculty Development Programme "Linear Integrated Circuits" organised by Equip Foundation.
4. Delivered the Electrical Know-how lecture for the higher secondary students.
5. Anna University, Chennai sponsored Faculty Development Training Program on

"Electronics Devices and Circuits"

6. Handled Session on "Entrepreneur Awareness Camp"

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

1. organised a One day workshop on "Ni Multisim Introduction" during 31-07-2013.
2. Organised workshop and act as a resource person for the course "Multisim" on 27.12.2014
3. Organised workshop and act as a resource person for the course "Multisim" on 21.08.2015
4. We organised a two days' workshop on "Sensorduino" 18.09.2015 to 19.09.2015.
5. Conducted two-day workshop on "Introduction to Raspberry pi with sensor interface" on 10.02.2017 & 12.02.2017
6. One day "Hands on the workshop of Android development studio" 26.02.2016
7. Five days Workshop on "Basic PLC programming" from 07.05.2016 to 12.05.2016
8. A two-day workshop on "PCB Design" 22.12.17 – 23.12.17
9. Organised a Three-day programme on "Raspberry Pi- A hands-on workshop" 07.12.2017 to 09.12.2017.
10. A one-week workshop on "Exploring C."

Workshop Attended:

1. Attended National Seminar on "Deep Learning Challenges in Big Data Analytics", SERB & Dept of ECE, KSRCT, 2018
2. Attended Two Days National Seminar, "Deep learning: Smart Tool for Big Data Challenge in Health Care", Dept of ECE, KSRCT
3. Participated in the Workshop on "Microcontroller & ARM", Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
4. Attended workshop on "Application of Mathematical Models in Digital Image Processing", Dept of ECE / University College of Engineering, Dindigul
5. Attended "Faculty Development programme in Entrepreneur" by Ministry of Science and Technology, at Knowledge Institute of Technology. 2013
6. Knowledge updated through five days FDP on "Product Based Design" at Government College of Technology, Salem.
7. ATAL 5-Day National Level Workshop on the Internet of Things (IoT) at University of Kerala 16th -20th October 2019
8. Six Days Webinar on "EXPLORING OUTCOME BASED EDUCATION (OBE) AND NBA PROCESS" Organised by knowledge Institute for Engineering 07.05.2020 – 13.05.2020.
9. "Webinar on Machine Learning using Python, Organised by Brainswig Edutech Pvt Ltd, Chennai on 20.04.2020

10. Webinar on Online Classroom - Need of the hour, Organised by IFEEES / GEDC / IUCEE Global Webinars on 20.04.2020
11. Webinar on Home automation – IoT, Organised by MSME on 22.04.2020
12. Webinar on "Research outcomes: Technical paper writing, Research proposal, Patent filing", Organised by Datateach on 22.04.2020
13. Writing Successful Proposal to Funding Agencies, R&D Cell, KSRIET

Responsibilities:

- K S R Institute for Engineering and Technology incubation center Manager
- NIPS Coordinator
- Vice President of Institution's Innovation Council (IIC)
- Coordinator of KSRIET Aspiring ICT Based SPDC, AICTE, New Delhi funded project.
- Nodal officer - Entrepreneur Development (ED) Cell
- Project Coordinator
- Class Advisor
- Mentor

Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE) - Life Member (LM 84482)
2. IEEE Membership - 90717071
3. IAENG International Association of Engineers - 119179
4. Institute for Engineering Research and Publication – IFERP (PMIN74658201)
5. Fellow member of The RED Institute of Research Engineers and Doctors
(SM10100060553)

Name	KALIMUTHU Y			
Department	EEE			
Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	06-06-2012			
Experience (as on 31.05.2020)	Teaching:9.11 years	Industry:00	Others: 00	
Number of Papers Published	National Journals 00	International Journals 01		
Number of Papers Presented	National Conferences : 05	International Conferences : 03		
Books Published	National Publisher 00	International publisher 00		
Contact Details	E Mail:ykalimuthu@gmail.com		Mobile: 9994407293	

Publications (International Journals)

1. V.Vaithianathan, Raja.J and Kalimuthu.Y, -Low Power CMOS LNA for Multi-Standard Wireless Applications, Journal of Advance Engineering Technology, Vol.I, Issue II, pp.220-230,2010.

Publications (International Conferences)

1. Kalimuthu.Y, -Analysis and Implementation of BFS Algorithm for Devotees Tracking using ZIGBEE Wireless Sensor Network, International conference on Engineering and Applied Science, Vetri Vinayaha College of Engineering and Technology, Trichy, 28th February, 2015.
2. Kalimuthu.Y, -Automatic Load Sharing of Transformer using WIFI Technology, International conference on Recent Trends in Engineering and Technology'17, K S R Institute for Engineering and Technology, Tiruchengode, 17th March, 2017.
3. Kalimuthu.Y, -Face Recognition with Raspberry PI Technology, International conference on Recent Trends in Engineering and Technology'17, K S R Institute for Engineering and Technology, Tiruchengode, 17th March, 2017.

Publications (National Conferences)

1. Kalimuthu.Y, -Low Power CMOS LNA for Multi-Standard Wireless Applications, National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies, Aarupadai Veedu Institute of Technology, Chennai, 2nd-3rd April, 2010.

2. Kalimuthu.Y, -Efficient Zigbee Based WSN Using Enhanced Switching Agent with Location Aided Routing, 4th National conference on Recent Advancements and Challenges in Electrical Science, Institute for Road and Transport Technology, Erode, 27th-28th February, 2014.
3. Kalimuthu.Y, -Target Detection Using Ripple Algorithm on a Real Time Monitoring System, 4th National conference on Recent Advancements and Challenges in Electrical Science, Institute for Road and Transport Technology, Erode, 27th-28th February, 2014.
4. Kalimuthu.Y, -Design of BFS Algorithm for Devotees Tracking using Wireless Sensor Network, 5th National conference on Recent Trends in Electrical Science, Institute for Road and Transport Technology, Erode, 26th February, 2015.
5. Kalimuthu.Y, -Android Based Infotainment and ADAS Analysis for Vehicle, 5th National conference on Recent Trends in Electrical Science, Institute for Road and Transport Technology, Erode, 26th February, 2015.

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member

Name	MEENATCHI K			
Department & Designation	EEE & Assistant Professor			
Qualification	M.E.			
Area of Specialization	EMBEDDED SYSTEMS			
Date of Joining (KSR IET)	01-06-2014			
Experience (as on 01.06.2020)	Teaching: 6 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals 00	International Journals 00		
Number of Papers Presented	National Conferences : 01	International Conferences : 01		
Books Published	National Publisher 00	International publisher 00		
Contact Details	E Mail: meenatchik26@ksriet.ac.in Mobile: 7708843887			

Publications (International Conferences)

1. K.Meenatchi, -Multiple Object Tracking and Segmentation in Video Sequences, International Conference on Global Innovations in Computing Technology, Jay Shriram Group of Institutions, India and St. Francis Xavier University, Canada on 06th and 07th March 2014.

Publications (National Conferences)

1. K.Meenatchi, -Multiple Object Tracking and Segmentation in Video Sequences, National Conference on Recent Trends in Engineering and Technology, K S R Institute for Engineering and Technology, India on 12th March 2014

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Embedded Systems (monogram)	Meenatchi K	Department of EEE K S R Institute for Engineering and Technology	2019

Name	NAGAPAVITHRA S			
Department	EEE			
Qualification	M.E.			
Area of Specialization	CONTROL SYSTEMS			
Date of Joining (KSR IET)	18.07.2022			
Experience (as on)	Teaching: 4 Years 9 months	Industry: 00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals 04			
Number of Papers Presented	National Conferences : 01 International Conferences : 02			
Books Published	National Publisher : 00 International publisher 00			
Contact Details	E Mail: pavithramahalakshmi@ksriet.ac.in Mobile: 9677874854			

Publications (International Journals)

- S.Nagapavithra, S.Umamaheswari, "ARTIFICIAL INTELLIGENCE", Vol-13, Issue- 2(Feb 2020), ISSN: 2349-3585, International Journal for Research and Development in Technology.
- S.Mahendran, S.Nagapavithra, "ANFIS CONTROLLER BASED POWER FACTOR IMPROVEMENT FOR INDUCTION MOTOR USING HYBRID INVERTER", Special 11 (2017), ISSN: 1995-0772, AENSI Publications, Advances in Natural and Applied Sciences.
- P. Suganthi, S. Nagapavithra and S. Umamaheswari, "MODELING AND SIMULATION OF CLOSED LOOP SPEED CONTROL FOR BLDC MOTOR," 2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 2017, pp. 229-233, DOI: 10.1109/ICEDSS.2017.8073686.
- S.Nagapavithra, S.Umamaheswari, "INTEGRATION OF BOOST FLYBACK

RECTIFIER AND ZSI BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, Vol-2, Issue-12, 2016 ISSN: 2454-1362, Imperial Journal of Interdisciplinary Research.

- S.Nagapavithra, S.Umamaheswari, “BOOST INTEGRATED FLYBACK CONVERTER BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, American Journal of Advanced Materials and Engineering Research Vol. 1 No.1 183- 187 (2016) 183.
- S.Nagapavithra, S.Umamaheswari, “ZETA CONVERTER FED BLDC MOTOR FOR POWER FACTOR CORRECTION AND SPEED CONTROL” IEEE Conference on Emerging Devices and Smart Systems, ISBN: 978-1-5090-2416-2, DOI: 10.1109/ICEDSS.2016.7587798.

Publications (National Journals)

-NIL-

Publications (International Conferences)

- Presented a paper entitled “BOOST INTEGRATED FLYBACK CONVERTER BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, International Conference on Engineering Technology and Science, Muthayammal Engineering College, Namakkal on 18th & 19th March 2016.
- Presented a paper, “ZETA CONVERTER FED BLDC MOTOR FOR POWER FACTOR CORRECTION AND SPEED CONTROL” IEEE Conference on Emerging Devices and Smart Systems, ISBN: 978-1-5090-2416-2, DOI: 10.1109/ICEDSS.2016.7587798 on 5th march 2016.

Publications (National Conferences)

- Presented a paper entitled on “MODELING OF HIGH POWER FACTOR ELECTRODELESS FLUORESCENT LAMP USING SEPIC CONVERTER” in the National Conference on grid and energy management organized by Department of EEE and Centre for Research in Energy Systems, Mahendra Engineering College, Namakkal on 27th March 2015.

Training Offered

- Five days online Faculty Development Programme on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) on May, 2022.
- One day faculty development programme on “PATENT DRAFTING FOR BEGINNERS”, organized by Salem College of Engineering and Technology, Salem on 26.04.2020. 📄
An online Faculty Development Programme on “CHALLENGES AND INNOVATION IN RENEWABLE ENERGY TECHNOLOGIES BY 2020”, organised by Department of EEE, Tagore Institute of Engineering and Technology on 2020.
- Faculty Development Programme on “INTRODUCTION TO RESEARCH”, by NPTEL – AICTE during Feb-Apr 2019.
- Two-day hands-on training program on “MATLAB IN ENGINEERING APPLICATIONS”, conducted by SCS-India & organized by Department of EEE, Mahendra Engineering College on 2017.

Membership in Professional Bodies

- ISTE

Name	KARTHIK.S			
Department	EEE			
Qualification	M.E.			
Area of Specialization	Embedded System Technologies			
Date of Joining (KSR IET)	04.07.2022			
Experience (ason)	Teaching: 6.9	Industry: 00	Research: 2.9	
Number of Papers Published	National Journals : 01		International Journals : 02	
Number of Papers Presented	National Conferences : 03		International Conferences : 05	
Books Published	National Publisher : 00		International publisher : 00	
	E Mail: karthik24487@ksriet.ac.in			Mobile:6382467098

Publications (International Journals)

1. Published a Research paper entitled as ***“Review Paper Renovation of Wastewater to Utilizable Energy”*** International Journal for Scientific Research & Development | Vol. 6, Issue 02, 2018.
2. Published a Research paper entitled as ***“Border Alert System using Smart Boat to Safeguard the Fisherman”*** (UGC Approved Journal Impact Factor: 4.312) International Journal on Future Revolution in Computer Science & Communication Engineering Volume 4, Issue 4, April 2018.

Publications (National Journals)

1. Published a Research paper entitled as ***“Address Resource Location Privacy in Wireless Sensor Networks”*** “in Transactions on Engineering and Sciences Vol.2, Issue 12, December 2014

Publications (International Conferences)

1. Presented a paper entitled, "**Design of Anti-Stuttering Device with Silence Ejection Speech algorithm using Arduino**", 3rd International Conference on Inventive Research in Computing Applications ICIRCA 2021, organized by RVS College of Engineering and Technology, Coimbatore
2. Presented a paper entitled "**IoT Based Safety Enhanced Swimming Pool with Embedded Techniques to reduce drowning accidents**," 2020 International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2020, pp. 843-847, DOI: 10.1109/ICOSEC49089.2020.9215247.
3. Presented a paper entitled, "**A Novel Smart Sanitation Module for Green Environment**," 2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Palladam, India, 2020, pp. 544-548, DOI: 10.1109/I-SMAC49090.2020.9243583.
4. Presented a paper entitled "**Smart Sanitation**" in the National conference on Recent Trends in Electronics and communication held on 22nd March 2018 at Jayalakshmi Institute of Technology.
5. Presented the paper entitled as "**Analysis of Enhanced Switching Agent for Zigbee Wireless Sensor Network**" in the international conference on Intelligent Engineering Systems held on April 4th 2014 at EASA College of Engineering And Technology.

Publications (National Conferences)

1. Presented a paper entitled "**Embedded system based Smart Safety Swimming pool**" in the National conference on Recent Trends in Electronics and communication held on 22nd March 2018 at Jayalakshmi Institute of Technology
 2. Presented a paper on the topic "**Efficient Zigbee Based WSN Using Enhanced Switching Agent with Location Aided Routing**" in the 4th National Conference on "Recent Advancements and Challenges in Electrical Sciences" held at IRTT Erode.
 3. Presented the paper entitled as "**Efficient Zigbee Based WSN Using Enhanced Switching Agent with Location Aided Routing**" in the National Conference on Recent trends in Engineering and Technology held at KSRIET, Tiruchengode.
- Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role

1.	Embedded system based smart safety swimming pool	Tamil Nādu Science and Technology (TNSCST) - Chennai	Rs 3500/-	Project Mentor
2.	Smart Sanitation	India Innovation Challenge Design Contest 2017	One project team received 200 \$ worth TI components	Project Mentor

Workshop/Value Added Course /Guest lecture offered

1. Acted as a Resource person in a one-day workshop on Electric and Autonomous Vehicle Technologies for engineering students held on **07.02.2018** at **Kumaraguru College of Technology, Coimbatore**.
2. Conducted a Non formal Three Days **value added courses** on **Embedded System Design** using Arduino Environment for second- and third-year students in the academic year 2017-18 held on 16th October 2016 at KSRIET.
3. Acted as a Resource person in a one day workshop on **Project based Learning in Arduino Uno and sensor application** for first year students in the academic year 2017-18 held on 09&10,11 August 2017 at KSRIET Tiruchengode.
4. **Acted as a Resource person in** valued added (Non formal) course on **Industrial Exposure in Embedded Environment** (IEEE) for the third year students in the academic year 2015-16.
5. Non formal course on **“Programming Msp430 with Energia”** for the third year ECE students in the year 2016

Conference/Workshop/Value Added Course Organized

1. **Acted as a Co-ordinator** for International Conference on Recent Trends in Engineering & Technology (ICRTET 2K17)
2. **Organized** Two days workshop on **“Numerical tool for Antenna design”** for UG & PG students in the academic year 2015-16.
3. **Organized** one day workshop on **Project Based Learning “Arduino, TI Launch Pad”** for UG Students held on February 18th 2017 at KSRIET, Tiruchengode.

Name	STEPHENRAJ M.A			
Department	EEE			
Qualification	M.E			
Area of Specialization	POWER SYSTEMS ENGINEERING			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.06.2020)	Teaching:8 Y	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 04		International Conferences : 05	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail:stephen1987.raj@gmail.com		Mobile:9944128029	

Publications (International Journals)

-NIL-

Publications (National Journals)

-NIL-

Publications (International Conferences)

1. ***'Energy Management in a Smart Grid with Robust Hierarchical Control Strategy Employed in Distributed Power System'*** in International Conference (ICREU' 2012) held at Coimbatore Institute Technology– Coimbatore.
2. Stephenraj M A, " ***A Smart Home Control System based on Context and Human Speech***", International Conference on Recent Trends in Engineering and Technology (ICRTET 2017) at KSRIET, March 2017

3. Stephenraj M A, " *Distribution Transformer Load Monitoring and Controlling using GSM*", International Conference on Recent Trends in Engineering and Technology (ICRTET 2017),at KSRIET, March 2017.
4. Stephenraj M A, "*Smart Helmet for Workers Safety in Hazardous Environment*", International Conference on Information Science and Renewable Energy Sources (ICISRES 2019) at SELVAM COLLEGE OF TECHNOLOGY, March 2019.
5. Stephenraj M A, "*Monitoring and Controlling of Toxic Gases in Drainage System Using IOT*", International Conference on Engineering and Technology (ICET 2020) at SELVAM COLLEGE OF TECHNOLOGY, March 2020.

Publications (National Conferences)

1. '*Supervisory Control & Energy Management System of Inverter Based Modular Smart Grid*' in National Conference held at IRTT College - Erode.
2. '*Energy Management in Realistic Distributed Power System using Inverter*' in National Conference held at K.S Rangasamy College of Technology –Tiruchengode.
3. Presented a paper entitled '*Linearity Testing of High Resolution ADC*' in National Conference held at KSRIET–Tiruchengode.
4. Presented a paper entitled '*Real Time Fault Detector & Problem Solving in Industrial Motor Network with Internet Platform Using LABVIEW*' in National Conference held at NCT –ERODE.

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Protection From Chain Snatching Using Iot Based System	Tamilnadu State Council For Science And Technology DOTE Campus, Chennai - 600 025	7500.00	Project Guide & Mentor

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- Member of the International Association of Engineers (IAENG). 118210

Name	A.RAVI			
Department	EEE			
Qualification	M.E.			
Area of Specialization	Embedded System Technologies			
Date of Joining (KSR IET)	13.07.2022			
Experience (ason)	Teaching:5	Industry: 2	Research: -	
Number of Papers Published	National Journals : -		International Journals	03
Number of Papers Presented	National Conferences: 02		International Conferences:	06
Books Published	National Publisher : -		International publisher :-	
	Email: ravi.athi91@gmail.com		Mobile: 9597771616	

Publications (International Journals)

1. Published a Research paper entitled as **ANN based Regenerative braking system of electric vehicle** in International Journal of Trend in Research and Development, Volume 3(1), ISSN: 2394-9333, pp434-437
2. Published a Research paper entitled as **A Novel step for the enhancement of security in Airports using optical ideology** in international Journal on Future Revolution in Computer Science & Communication Engineering ISSN: 2454-4248Volume: 4Issue: 5204–207
3. Published a Research paper entitled as **Voice controlled smart wheelchair** - International Journal for Scientific Research & Development| Vol. 6, Issue 05, 2018 | ISSN (online): 2321-0613

Publications (International Conferences)

1. Presented the paper on two days **“International conference on Electrical, Electronics, Instrumentation and Computer Communication on 2015”** held at Karpagam College of Engineering, coimbatore.
2. Presented the paper on one day **“International Conference on Synergistic Evolutions in Engineering on 2016”** held at Surya Engineering College, Erode.
3. Presented the paper on one day **“International conference on Computer, Electrical, Electronics, Management and Information Technology on 2016”** held at Ranganathan Engineering College, Coimbatore.


4. Presented the paper on two days **“International conference on Innovations in Information, Embedded and Communication System on 2016”** held at Karpagam College of Engineering, coimbatore.
5. Presented the paper on one day **“International Conference on Recent Trends in Engineering and Technology on 2017”** held at KSR Institute for Engineering and Technology, Tiruchengode
6. Presented the paper on one day **“International Conference on Advance Science and Engineering Research on 2019”** held at AL-AMEEN Engineering College, Salem.

Publications (National Conferences)

1. Presented the paper on two days **“National Conference on Recent Trends in Communication and Information Technology on 2018”** held at Knowledge Institute of Technology, Salem
2. Presented the paper on one day **“National conference on Recent Trends in Communication, Control, Signal & Image processing Applications (RTCCSIPA’15)”** held at Mahendra College of Engineering, Salem

Funded Research Projects


S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Soldier Navigation and Health Monitoring System using Arduino.	Tamil Nādu Science and Technology (TNSCST) - Chennai	Rs7,500	Project Mentor

Name	Dr. G. KIRUTHIKA	
Designation & Department	Associate Professor & Head, Mathematics	
Qualification	M.Sc., M.Phil., Ph. D., HDCA.,	
Area of Specialization	Graph-theory, Topological Indices (Chemical graph theory), Group-theory and Linear-algebra.	
Date of Joining (KSR IET)	04.11.2022	

Experience (as on 01.06.2022)	Teaching: 9 years 11 Months	Industry:00	Others: 00
Number of Papers Published	National Journals : 00	International Journals : 03	
Number of Papers Presented	National Conferences : 00	International Conferences : 04	
Books Published	National Publisher : 00	International publisher : 00	
Contact Details	E Mail: aisswaryakiruthika@gmail.com		Mobile: 9445743969

Publications (International Journals)

1. G. Kiruthika and D. Kalamani, Computation of Zagreb Indices on k-gamma Graphs, InternationalJournal of Research in Advent Technology, 7(5)(2019), 413-417.
2. D. Kalamani and G. Kiruthika, Subdivison vertex corona and Subdivision vertex neighbourhood corona of cyclic graphs, Advance in Mathematics:Scientific journal (9)(2020), 607-617.
3. G. Kiruthika and D. Kalamani, Degree based partition of the power graphs of a finite Abeliangroup Malaya Journal of Matematika , (1), (2020), 66-71.

Name	Dr.V.DEVABHARATHI			
Designation & Department	PROFESSOR			
Qualification	M.Sc.,M.Phil.,Ph.D.			
Area of Specialization	Thin Film Technology, Nanotechnology, Solar Cell Applications			
Date of Joining (KSR IET)	11-08-2011			
Experience (as on 18.02.2022)	Teaching:16	Industry:00	Others: 03	

Number of Papers Published	National Journals : 00	International Journals 11
Number of Papers Presented	National Conferences : 01	International Conferences : 03
Books Published	National Publisher : 01	International publisher 00
Contact Details	E Mail: devabharathi@ksriet.ac.in Mobile:9942619776	

Publications (International Journals)

1. R. Anandarasu, S. Surendhiran, S. K. Krishna, V. Devabharathi, A. Balamurugan, Y. A. Syed Khadar, 2022, ‘Monodisperse Ceria Nanoparticles Synthesized One Phase System by Hydro-solvothermal Method: Evaluation of its Anticorrosive Properties’, International Conference on Advances in Materials, Computing and Communication Technologies AIP Conf. Proc. 2385, 020005-1 to 9
2. K. L. Palanisamy, K. Vignesh, V.Devabharathi, 2021, ‘Superparamagnetic Iron Oxide Nanoparticles Synthesis by Carrier Oils Stabilization’, Journal of Nanotechnology and Nano-Engineering, Vol. 07, pp. 18-23
3. Y.A. Syed Khadar, S. Surendhiran, V. Gowthambabu, S Halimabi Alias Shakila Banu, V. Devabharathi, A. Balamurugan, 2021 ‘Enhancement of corrosion inhibition of mild steel in acidic media by green-synthesized nano-manganese oxide’ Materials today proceedings, Volume 47, Part 4, 2021, Pages 889-893.
4. A.Balamurugan, M.Sudha, S.Surendhiran, V.Devabharathi, Y.A. Syed Khadar, 2020, ‘Effect of Calcination Process On Structural and Optical Properties of Tungsten Doped ZnO Nanostructures’, International Journal of Multidisciplinary, Vol. 05, pp. 21-26.
5. K. L. Palanisamy, V. Devabharathi, N Meenakshi Sundaram, 2015 ‘Stability Analysis Of Carrier Oils Mediated Iron Oxide Nanoparticles And Its Photodegradation Studies’, Int. J. Chem. Ssci., Vol 13(1), 501-513.
6. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, ‘Corrosion Inhibition Studies Of Mild Steel With Carrier Oil Stabilized Of Iron Oxide Nanoparticles Incorporated Into A Paint’, International Journal of Chem Tech Research, vol.7, no.4, pp.1661-1664.

7. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Influence of pH on the performance of ZnO nanocrystal based dye sensitized solar cells', Superlattices and Microstructures, vol.75, pp. 99-104.
8. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Orange fruit mediated synthesis and characterisation of silver nanoparticles', International Journal of Chem Tech Research, vol.6, no.7, pp.3473-3477.
9. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Role of annealing temperature and pH on structural and optical properties of ZnO nanocrystals by precipitation method', International Journal of Chem Tech Research, vol.6, No.14, pp.5485 -5489.
10. K.L.Palanisamy, N.MeenakshiSundaram, V.Devabharathi & P.Thangarasu, 2013 'Synthesis and characterization of olive oil mediated iron oxide nanoparticles', Digest Journal Of Nanomaterials And Biostructures, Vol. 8, No. 2, pp. 607 – 612. Impact factor 1.092
11. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Investigation of carrier oil stabilized iron oxide nanoparticles and its antibacterial activity', 2014, African Journal of Biotechnology, vol.1, no.18, pp.1915-1919. Impact factor 0.654
12. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2013, 'The utility of magnetic iron oxide nanoparticles stabilized by carrier oils in removal of heavy metals from waste water', Impact: International Journal of Research in Applied, Natural and Social Sciences (Impact: IJRANSS) Vol. 1, no.4, pp. 15-22.
13. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2013, 'Water treatment studies of SPIONs treated with Olive Oil', Nano Vision, Vol.3, No.3, pp.161-167.
14. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Antibacterial study of olive oil stabilized superparamagnetic iron oxide nanoparticles', International Journal of Phyto Pharmacy Research, Vol 5, no.1, 48-52.
15. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Corrosion inhibition studies of mild steel with carrier oil stabilized of iron oxide nanoparticles incorporated into a paint', International Journal of Chem Tech Research
16. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'stability assessment of olive oil and linseed oil stabilized iron oxide nanoparticles and photodegradation studies of olive oil stabilized of iron oxide nanoparticles', International Journal of Chemical Sciences
17. A. Balamurugan, M. Sudha, S. Surendhiran, V. Devabharathi, Syed Khadar 2020, 'Effect of calcination process on structural and optical properties of tungsten doped ZnO nanostructures', International Journal of Multidisciplinary, Vol. 5, No.5, pp. 15-22

Publications (International Conferences)

1. Palanisamy, KL, Devabharathi, V, Meenakshisundaram, N & Rajendran, V 2010, 'Olive oil mediated synthesis and characterization of iron oxide nanoparticles', Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K.Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 311-316.


2. Palanisamy, KL, Devabharathi, V, Thangarasu, P, Meenakshisundaram N & Rajendran, V 2011, Low temperaturesynthesis and characterization of Metal oxide nanoparticles, Proceedings of ICNN, pp. 93
3. Maheswari, S, Thambidurai, M, Soundararajan, D, Mangalraj, D, Nataraj, D, Palanisamy, KL, Devabharathi, V, & Thangarasu, PT, 2010, Preparation and Characterization of Nanocrystalline $Zn_{1-x}Co_xO$ Thin Films Prepared by Sol-gel Method, Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K. Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 207-212.

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Engineering Physics	Dr.J.C.Kannan, Dr.V.Devabharathi & Dr.D.madhan	Charulatha Publications, 24, Thambaiah road, Chennai-33	2019

Membership in Professional Bodies

- ▯ Indian Society for Technical Education (ISTE) - Life Member

Name	R. KANAGASELVAM			
Designation & Department	ASSISTANT PROFESSOR OF ENGLISH			
Qualification	M.A., M.PHIL, (Ph.D.)			
Area of Specialization	ENGLISH			
Date of Joining (KSR IET)	06.07.2015			
Experience (as on 01.06.2020)	Teaching:5	Industry:00	Others: 00	


Number of Papers Published	National Journals 00	International Journals 00
Number of Papers Presented	National Conferences : 00	International Conferences : 03
Books Published	National Publisher 00	International publisher 00
Contact Details	E Mail: rkselfam729@gmail.com Mobile: 7373489495	

Publications (International Conferences)

1. R. Kanagaselvam, –The Representation of Nature in William Wordsworth’s Tintern Abbey, International Seminar on Nature in the Perspectives of Tamil and English Writers, KSR College of Arts and Science for Women, Tiruchengode, 11th December, 2015.
2. R. Kanagaselvam, –The need for equal status in D.H. Lawrence’s The Lost Girl, International Research conference on Gender Conflicts as Evident in Contemporary English Literature, KG College of Arts and Science, Coimbatore, 13th February, 2017.
3. R. Kanagaselvam, –Battle of Life and Death in Ernest Hemingway’s *The Old Man and the Sea*, International Seminar on Nautical Literature, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.

Membership in Professional Bodies

- ▯ Indian Society for Technical Education (ISTE) - Life Member (LM 92599)
- ▯ English Language Teachers’ Association of India (ELTAI) – Member (30009208)

Name	Mrs. P.UMADEVI			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	-			
Date of Joining (KSR IET)	18.11.2020			
Experience (as on 01.06.2022)	Teaching: 6 years 10 Months	Industry:00	Others: 00	

Number of Papers Published	National Journals 00	International Journals 00
Number of Papers Presented	National Conferences : 00	International Conferences : 00
Books Published	National Publisher 00	International publisher 00
Contact Details	E Mail: umache35@gmail.com Mobile: 9489148166	

DEPARTMENT OF IT

Name Dr. P. Meenakshi Devi
Designation & Department PROFESSOR & HEAD
INFORMATION TECHNOLOGY
Qualification M.E., Ph.D.
Area of Specialization Image Watermarking
Date of Joining (KSR IET) 01-07-2011



Experience **Teaching: 29 Years**

Number of Papers Published **National Journals : 01** **International Journals : 15**

Number of Papers Presented **National Conferences : 05** **International Conferences : 07**

Books Published **5**

Contact Details **E Mail:** drpmeenakshidevi@gmail.com

Mobile: 9944456156

INTERNATIONAL JOURNAL

1. Venkatesan, M., **Meenakshi Devi, P.**, Duraiswamy, K. and Thyagarajah, K. “**Cryptography-based secure authentication watermarking for binary images**”, CSI Communications, Vol. 31, Iss. 5, pp. 13-15, 2007.
2. Venkatesan, M., **Meenakshi Devi, P.**, Duraiswamy, K. and Thyagarajah, K. “**Secure authentication watermarking for binary images using pattern matching**”, International Journal of Computer Science and Network Security, Vol. 8, No. 2, pp. 241-250, 2008.
3. **Meenakshi Devi, P.** Venkatesan, M. and Duraiswamy, K. “**Reversible image authentication with tamper localization based on integer wavelet transform**”, International Journal on Computer Science and Information Security, Vol. 6, No. 2, pp.67-74, 2009.
4. **Meenakshi Devi, P.**, Venkatesan, M. and Duraiswamy, K. “**Authentication watermarking using integer wavelet transform**”, CiiT International Journal of Digital Signal Processing, Vol. 1, No. 4, pp. 12-18, 2009.
5. A.V.Santhosh Babu, **Dr.P.Meenakshi Devi**, K.Sudhakar, “**Performance Enhancements for Preemptive Ad-Hoc On-demand Multipath Distance Vector Routing**”, International Journal of Latest Research in Engineering and Computing, Vol. 1, Iss. 1 : pp. 21-25, September-October 2013.
6. A.V.Santhosh Babu, **Dr.P.Meenakshi Devi**, “**Energy aware Intrusion Detection System for MANETs**”, International Journal of Applied Engineering Research(IJAER) volume 10, pp 22300-22304 ,Number 29 (2015).

7. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network**”, International Journal of Inventions in Computer Science and Engineering, Volume 3, Issue 2, Feb 2016.
8. **M.Dhurgadevi**, **Dr.P.Meenakshi Devi** (2016), “**Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network**”, in International Journal Of Inventions in Computer Science and Engineering ,Vol.3,no.2, pp.2348 – 2343.
9. M.Dhurgadevi, **Dr.P.Meenakshi Devi** (2016), “**A Survey of hierarchical routing Protocols in Wireless sensor networks**”, in International Journal of Modern Computer Science and Applications , Vol.4, no. 4, pp.2321-2632.
10. M.Dhurgadevi ,**Dr.P.Meenakshi Devi**, “**Enhancing The Energy Efficiency Of Leach Protocol In WSN**”, in International Journal For Scientific Research & Development Vol. 3, No. 2, 2015,ISBN 23210613.
11. Suriya L, M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Survey on Secure Distributed Deduplication Systems with Cloud Storage**”, in International Journal of Trend in Research and Development Volume 3,pp.592-595 ISSN: 2394-9333 April 2016.
12. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**RDCG-Randomized distributed cluster grid topology for wireless power transfer technology in wireless sensor network**”, in Asian Journal of social science and humanities Vol. 6, No. 8, August 2016, pp. 303-317. ISSN 2249-7315.
13. M.Dhurgadevi, **Dr.P.Meenakshi Devi** (2016), “**PSO based Algorithm for Wireless Rechargeable Sensor Networks**”, in International Journal of Computer Applications, Vol.156, no. 4, pp.0975 – 8887.
14. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**TTRP-Three Level Threshold & Round Robin with Priority Scheduling for Wireless Rechargeable Network**” in Transactions on Engineering and Sciences, Volume 5, Issue 1, Jan-March 2017.
15. M.Dhurgadevi, M & **Meenakshi Devi P**, “**An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network**”, in Wireless personal communication Springer, Feb 2018.

NATIONAL JOURNAL

1. **Meenakshi Devi, P.**, Venkatesan, M. and Duraiswamy, K. “**A fragile watermarking scheme for image authentication with tamper localization using integer wavelet transform**”, Journal of Computer Science, Vol. 5, Iss. 11, pp. 832-837, 2009.

INTERNATIONAL CONFERENCE

1. **Dr.P.Meenakshi Devi**, “**A Secure Data Hiding Scheme with Quality Control for Binary Images**”, International Conference on Advanced communications Systems Government College of Technology, Coimbatore 10.01.2007 to 12.01.2007.
2. **Dr.P.Meenakshi Devi** , ”**A new data hiding scheme with quality control for binary images**” IEEE International Symposium on Information Assurance and Security Manchester, UK 14.03.2007.
3. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Opportunistic Routing protocol for improving energy efficiency in wireless sensor network**” in International conference on innovative computing and information processing ICICIP-2012, Mahendra Engineering College on 29th and 30th March 2012.

4. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Enhancing the Energy efficiency of LEACH protocol in wireless sensor network**” presented in International conference in Synergistic Evolutions in Engineering (ICSEE), Surya Engineering College on 04th and 05th March 2015.
5. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Analysis of Energy efficiency improvement through wireless energy transfer in wireless sensor network**” presented in ICEECE2016 in Vivekananadha college of engineering for women on 22nd and 23rd March 2016.
6. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Particle Swarm Optimization based Heuristics for Scheduling Travel Path of Charging Vehicle in Wireless Sensor Networks**”, has been presented in International Conference on Microelectronics, Communication and Computation, ISRD2016 Hosted at san diego USA
7. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Harmony Search algorithm for finding the travel path of wireless recharging vehicle in wireless sensor networks**”, presented in International Conference (ICRTET’17), KSR Institute for Engineering and Technology on March 17th 2017.

NATIONAL CONFERENCE

1. **Dr.P.Meenakshi Devi** “**A New Secure Data Hiding Scheme for Binary Images using Block Data Hiding Method**” National conference on Recent Trends in Advanced Computing SNS College of Technology, Coimbatore on 06.10.2006.
2. **Dr.P.Meenakshi Devi**, “**A Secure Data hiding Scheme with Quality Control for Binary Images**”, National conference on Current Trends in Soft Computing (NCCTSC’07) Sri Ramakrishna Engineering College, Coimbatore on 19.01.2007 & 20.01.2007.
3. **Dr.P.Meenakshi Devi**, “**Improved SHA-192 Algorithm for Message Integrity Analysis**”, National Conference on Information and Communication Technology-NCICT’10 K.S.Rangasamy College of Technology, Tiruchengode on 14.07.2010.
4. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Energy Efficient Data Management Technique in Wireless Sensor Networks**”, National conference on Intelligent Computing (FNCIC 2016) KSR college of Arts and Science on 17th September 2016.
5. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Implementation of energy efficient routing protocol in wireless sensor network**”, National conference on “NEXTGEN TECHNOLOGIES” Sengunthar Engineering College on 18th March 2017.

WORKSHOPS & SEMINAR ORGANIZED

1. National Symposium on “**National Symposium on Springfest**”, on 5-7th March 2012.
2. National conference on “**Recent trends in Engineering and Technology**” on 023th March 2013.
3. National Symposium on “**National Level Technical Symposium on Springfest**”, on 9th September 2013.
4. One day workshop on “**Big Data and Hadoop**”, on 13th September, 2013.
5. One day workshop on “**Software Testing tools and Techniques**”, on 06th February.
6. One day workshop on “**Embedded systems**”, on 12th February, 2014.
7. National Seminar on “**Mobile application developments pattern through android**” on 25th July and 26th February, 2014.
8. National conference on “**Recent trends in Engineering and Technology**”, on 06th March 2014.

9. Organized one week **“ISTE–SRM Sponsored STTP on Big Data Analytics and its Applications”** from 05.05.2014-10.05.2014.
10. National Seminar on **“Human computer interaction and Project in cloud computing”**, on 7th August, 2014.
11. National Symposium on **“National Level Technical Symposium on Springfest”**, on 12th September 2014.
12. Faculty development program on **“Wireless protocol design using NS2”** on 22th September 2014.
13. National Workshop on **“Web designing and application”**, on 31nd January, 2015.
14. National conference on **“Recent trends in Engineering and Technology”**, on 07th March 2015.
15. National Seminar on **“Big data Analyzing and visualization”**, on 29th August 2015.
16. National Symposium on **“National Level Technical Symposium on Springfest”**, on 21st-22nd August 2015.
17. Faculty development program on **“Mobile Application Development”** on 16th September 2015.
18. National Workshop on **“Mobile Application Development”**, on 19th December 2015.
19. National conference on **“Recent trends in Engineering and Technology”**, on 24th March 2016.

PROGRAMS ORGANIZED AS WOMEN CELL COORDINATOR

1. Conducted training for SHG women on **“Building skills of SHG women in establishing information Kiosk”** In association with **Centre for Empowerment of women, Anna University and Tamil Nadu Corporation for Development of women Ltd.**, from 14th to 26th Nov 2005.
2. Organized seminar for women students & faculty on **“Healthy nutrition for women”** on 27th Oct. 2006 by Dr.Kowsalya.,Reader,Department of food and Nutrition,Avinashilingam deemed university
3. Organized lecture for women students & faculty on **“Gynecological Problems for Women”** on 4th Oct. 2007 by Dr.Sumathi Padmanaban., Nishanathan Hospital, Erode.
4. Organized lecture for women students & faculty on **“Work-Life Balance”** on 24th Jan. 2008 by Mrs.Rita Bhattacharja., students Counsellor, KSRCAS.
5. Organized seminar for women students & faculty on **“Women Empowerment – Yesterday, Today and Tomorrow”** on 1st Feb. 2008.
6. Organized one day seminar on **“Life skills for women to achieve globally”** on 4th October 2008 by Ms.Vidhya D.Kulkarni.,I.P.S, Superintendent of police, Namakkal.
7. Organized **Fundraising programme** –collection of funds and donate it to a faith home orphanage, Chennai done by Ms.Jayashree Balasubramaniam.
8. Conducted various competitions for women students on women’s days 2013.
Advocate Mrs.Barbara Lydia acted as chief guest and given speech on Positive attitude.
Mrs.Kavitha Lakshmanan,Psychological counselor given speech on **“How to handle stress?”**
9. Organized one day lecture by Dr.Latha Senthilkumar on **“Gynecological disorder for Adolescence”** organized by women club on 19.2.2013.
10. Organized one day lecture by Dr.G.Suguna on **“Gynecological disorder for Adolescence”** organized by women club on 19.2.2013.
11. Organized one day **“Yoga program”** for II and III year Girls student by Manavalakalai mandram on 19.9.2013.

12. Organized **Fundraising programme** –Show Hope -A movement to care for orphans’ collection of funds and donate it to a faith home orphanage, Paramarikum Karangal, Vittampalayam.
13. Organized one Day workshop on **“BAKING CAKES, BISUITS & MAKING CHOCOLATES”** program organized by department of IT for faculty on 23.04.2015.
14. Organized one Day workshop on **“Basic Embroidery program”** organized by department of IT for first year students on 10.08.2016.
15. Conducted Essay, Speech and drawing competitions for all girls’ students on account of Independence Day celebration.
16. Organized one savings program through the co-optex in the name of **“Co-optex Kanavu Nanavu Thittam”** to all faculty members.
17. Conducted various competitions for all girls on women’s day celebration 2016, Mrs.Nalini Sampathkumar, acted as a chief guest and given a speech on Motivation Topic.
18. Conducted one day seminar by the lawyer **Ms.Barbara Lydia** on the topic **“Self-Protection”** on 24.08.2016.

Ph.D Students Guided

1. Ph.D. Scholars: 03
2. Ph.D guided: 01

INVITED TALKS

1. Titled **“A Water Marking Technique”** in a workshop, **“Recent Trends in Information Security”** on 31.01.2009 at **K.S.Rangasamy College of Technology**, Tiruchengode.
2. Titled **“Steganography - An Overview”** in an AICTE – ISTE funded Short Term Training Programme, **“E- Security”** on 17.02.2009 at **S.S.M. Institute of Textile Technology and Polytechnic College**, Komarapalayam.
3. Titled **“Applications of Wireless Sensor Networks”** in a AICTE Sponsored Faculty Development Programme, **“Recent Technology in Optical WDM Networks, Burst Switching Networks and Sensor Networks: A Scalable Approach”** on 10.07.2013 at **Excel College of Technology**, Komarapalayam.
4. Titled **“Emerging Trends in Computer Vision & Graphics”** in One day Seminar on 26.08.2014 at **Mahendra Engineering College**, Mallasamudram.
5. Titled **“Womens’ perspective in Social Networking”** in a workshop on 07.09.2016 at **K.S.R. College of Arts and Science for Women**, Tiruchengode.

BOOKS PUBLISHED

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Computer Architecture	Dr.P.Meenakshi Devi	AR Publications, Chennai	2015
2.	Distributed Systems	Dr.P.Meenakshi Devi M.Dhurga Devi	ARS Publications, Chennai	2016
3.	Programming and Data Structures – II	Dr.P.Meenakshi Devi	ARS Publications, Chennai	2016
4.	Ad hoc Sensor Networks	Dr.P.Meenakshi Devi M.Dhurgadevi K.G.Lavanya	AR Publications, Chennai	2016
5.	Distributed Systems	Dr.P.Meenakshi Devi M.Dhurga Devi	Magnus Publishers, Chennai	2017

PROPOSALS SUBMITTED TO FUNDING AGENCY

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1.	CS2203- Object Oriented Programming	Anna University, Chennai	As per AUC norms	FDP	2011 – 2012
2.	Research Application of WSN and Hands on Training on Simulators	AICTE	4,15,000	FDP	2012 – 2013
3.	Data Structures and Object Oriented Programming Lab	AICTE	3,60,000	MODROBS	
4.	Multicast Routing Protocol in Mobile Ad-Hoc Networks Using Soft Computing Techniques and its Applications to Engineering	CSIR	92,000	Seminar	2013 – 2014
5.	IT-2401-Service Oriented Architecture	Anna University, Chennai	As per AUC norms	FDP	
6.	Wireless Sensor Network and Green Telecom	ISTE - SRM	95,000	STTP	

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
7.	Big Data Analytics and Applications (sanctioned)	ISTE - SRM	1,00,000	STTP	
8.	Research Issues and Free Open source simulation tools for Wireless Sensor Networks	AICTE	4,48,100	FDP	
9.	Big Data Analytics in Business Intelligence	CSIR	62,000	Seminar	2014 – 2015
10.	Improving Women for their better health care	AICTE	20,000	Seminar Grant	
11.	WSN for Pervasive Medical Care	ICMR	50,000	Workshop	2015 – 2016
12.	FDP on Mobile Computing	Anna University Chennai	As per AUC norms	FDP	
13.	Challenges And Issues In 6lowpan And Zigbee Network For Environmental Monitoring And Forecasting	DST	50,000	Seminar	
14.	Big Data Security and Privacy Challenges	DRDO	50,000	Workshop	

SPONSORED PROGRAMS ORGANIZED

S. No.	Title of the Program	Name of the Funding Agency	Amount Sanctioned (Rs.)
1	Big Data Analytics	ISTE – SRM	Rs 1,00,000
2	An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network	ICMR	Rs 50,000

NPTEL COURSES COMPLETED

1. Introduction to modern application Development
2. Programming in C++

SUBJECT LINKS

Computer Architecture

- Processor and Control Unit - <http://bit.ly/2sLxC9Q>
- Booths Multiplication - <http://bit.ly/2Dv79Dj>
- Computer Organization and Design - <http://bit.ly/2FTM07>
- Arithmetic for Computers - <http://bit.ly/2S4CB3w>
- Memory Systems - <http://bit.ly/2FWLVA7>

Total Quality Management

- TQM Tools and Techniques I - <http://bit.ly/2B0hQMB>
- Total Quality Management - <http://bit.ly/2UeU1YJ>
- TQM Tools and Techniques II - <http://bit.ly/2B3unyV>
- Quality Systems - <http://bit.ly/2MvroDK>
- TQM Principles - <http://bit.ly/2Tf4oMc>

Graphics and Multimedia

- Output Primitives - <http://bit.ly/2FTUbRn>
- Multimedia System Handling - <http://bit.ly/2FPfUuH>
- Multimedia File Handling - <http://bit.ly/2FPgqZF>
- Hypermedia - <http://bit.ly/2sImbPU>
- Color Models - <http://bit.ly/2MtqIyX>
- Three Dimensional Concepts - <http://bit.ly/2RPj9Zd>

Name SELVAM L

Designation & Department PROFESSOR & HEAD
INFORMATION TECHNOLOGY

Qualification B.E.(CSE),M.E(CSE),Ph.D.,

Area of Specialization CLOUD COMPUTING SECURITY

Date of Joining (KSR IET) 20.08.2021

Experience **Teaching:21**



Number of Papers Published **International Journals : 6**

Number of Papers Presented **National Conferences :00** **International Conferences : 02**

Contact Details **E Mail: umaselvam_35@yahoo.com** **Mobile: 9787040760**

Publications (International Journal)

1. V. EzhilSwanly, **L. Selvam**, P. Mohan Kumar, J. ArokiaRenjith, M. Arunachalam, and K. L. Shunmuganathan, "Smart Spotting of Pulmonary TB Cavities Using CT Images," Computational and Mathematical Methods in Medicine, vol. 2013, Article ID 864854, 12 pages, 2013. doi:10.1155/2013/864854. – Annexure – I.
2. **L. Selvam**, P. Mohan Kumar & J. Arokia Renjith, "Encryption-Based Secure Sharing of Data with Fine-Grained Access Control in Public Clouds", Journal of Applied Security Research, Vol.9, Issue:2, pp:172-184, Apr 2014. – Annexure - II
3. Annie Daisy, J. Arokia Renjith, P. Mohan Kumar & **L. Selvam**, "Achieving Secrecy in Visual Secret Sharing Scheme Using Encrypted Images", Journal of Applied Security Research, Vol.9, Issue:2, pp:121-132, Apr 2014. – Annexure – II
4. **L.Selvam**, J. ArokiaRenjith," Implementation of Round Key AES with Honey Technique for Securing the Public Cloud Data Storage" International Journal of Engineering & Technology(UAE),vol.7 No3.1 (2018) pp:128-132 Annexure-II.

5. **L.Selvam**, J. ArokiaRenjith, “On developing dynamic and efficient cryptosystem for safeguarding healthcare data in public clouds” Journal of Ambient Intelligence and Humanized Computing, Vol.12, No.3, pp.3353- 3361, Springer, Annexure-I
6. **L.Selvam**, J. ArokiaRenjith, “An Efficient and Dynamic Encryption Model for Safeguarding Medical Cloud Storage Data” International Journal of Advanced Science and Technology Vol. 29, No. 12s, (2020), pp. 358-365

Publications (International Conferences)

1. **L.Selvam**, J. ArokiaRenjith, “Secure Data Sharing of Personal Health Records in Cloud Using Fine-Grained and Enhanced Attribute-Based Encryption”, Proceeding of 2018 IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore, India (ICCTCT '15), 2018.
2. P.Mohan kumar, **L.Selvam**, J. ArokiaRenjith, “Adaptable Criteria Progress Quality Management Indicators for Global Software Requirements Prioritization”, Proceeding of 3rd International Conference on Engineering Facilities Maintenance and Management Technologies, Botswana, India (ICCTCT '15), 2021.

Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE)
2. All India Council For Technical Skill Development

Subject link

PROBLEM SOLVING AND PYTHON PROGRAMMING

Algorithmic Problem Solving	: http://bit.do/eGyvA
Data, Expressions, Statements	: http://bit.do/eGyvM
Control Flow, Functions	: http://bit.do/eGyvT
Lists, Tuples, Dictionaries	: http://bit.do/eGyv6
Files, Modules And Packages	: http://bit.do/eGywh

PROFESSIONAL ETHICS IN ENGINEERING

HUMAN VALUES

https://drive.google.com/file/d/1yKoJjbAFeuVOWnwb1J6ht2JZWnky2_1F/view?usp=sharing

ENGINEERING ETHICS

<https://drive.google.com/file/d/176Qp14x0i0ixZxjIVEXXUeKaXfLUcBs6/view?usp=sharing>

ENGINEERING AS SOCIAL EXPERIMENTATION

<https://drive.google.com/file/d/1n0E1hsYk8FdNKwz0iSzBcLWBy1XGplUA/view?usp=sharing>

SAFETY, RESPONSIBILITIES AND RIGHTS

<https://drive.google.com/file/d/1fajpBpRHEslq66VDJMWAEzgJWNingKk6/view?usp=sharing>

GLOBAL ISSUES

https://drive.google.com/file/d/1CHlgm34VuQN-y0_XcNhN5I-muYXdjmlc/view?usp=sharing

Name Dr. N.B. Mahesh Kumar

Department INFORMATION TECHNOLOGY

Qualification B.Tech. (IT), M.E.(CSE), Ph.D.,(CSE)

Area of Specialization Image Processing

Date of Joining (KSR IET) 15.07.2020



Experience **Teaching: 14 Years 5 Months**

Number of Papers Published **International Journals: 10**

Number of Papers Presented **National Conferences: 09** **International Conferences: 08**

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Mobile: 9843177264

INTERNATIONAL JOURNALS

1. N.B.Mahesh Kumar, K.Premalatha, "A Survey of Image Enhancement Techniques for Vein Pattern Biometrics", International Journal of Computer Information Systems, Vol.2, No.4, pp. 12-17, April 2011.
2. N.B.Mahesh Kumar, K.Premalatha, "Finger Knuckle-print identification based on local and global Feature Extraction using SDOST", American Journal of Applied Sciences", Vol.11, No.6, pp. 929-938, April 2014.
3. N.B.Mahesh Kumar, "PamIprint Biometric System for Personal Authentication", International Journal of Computer Applications, pp. 14-17, November 2014.
4. N. B.Mahesh Kumar, K. Premalatha, "Palmprint Authentication System Based on Local and Global Feature Fusion Using DOST", Journal of Applied Mathematics, Hindawi Publishing Corporation, Volume 2014, December 2014, Article ID 918376, pp.1-11.
5. N.B.Mahesh Kumar, "A Survey on Palm Print Identification", International Journal of Modern Trends in Engineering and Science", Vol. 01, No. 12, pp. 7-11, 2015.
6. N. B.Mahesh Kumar, K. Premalatha, Personal Authentication Using FDOST in Finger Knuckle-Print Biometrics, World Academy of Science, Engineering and Technology, International Journal of Computer, Control, Quantum and Information Engineering, vol. 9, no.1, pp. 323-328, 2015.
7. N.B.Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", International Journal for Trends in Engineering and Technology, Vol. 3, No.1, pp. 32-28, January 2015.

8. N.B.Mahesh Kumar, "Encrypted Bigdata Using AES Deduplication in Cloud Storage", International Journal of Engineering and Computer Science, Vol.6, no. 7, July 2017.
9. N.B.Mahesh Kumar, "Conversion of Sign Language into Text", International Journal of Applied Engineering Research, Vol.13, no. 9, pp. 7154-7161, May 2018.
10. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Journal of Advance Research in Science and Engineering, Volume No.10, Issue No. 04, pp.62-68 April 2021.

INTERNATIONAL CONFERENCES

1. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, KSR Institute for Engineering and Technology.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Fog Computing Based Radio Access Network (F-Ran) in 5G Wireless Communications", IEEE Sponsored International Conference on Innovations in Information, Embedded and Communication Systems (Iciiecs'16), Karpagam College of Engineering, Coimbatore, pp.1162-1167, March 2016.
3. N.B. Mahesh Kumar, "Consistency Orientation Pattern for Fast and Accurate Palmprint Identification System", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, held at Karpagam College of Engineering, Coimbatore on March 2015 (DRDO sponsored).
4. N.B. Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", Proceedings of the International Conference on Innovations in Communications and Computer Engineering held at CIT, Coimbatore on February 2015.
5. N.B. Mahesh Kumar, "Palmprint Biometric System for personal Authentication", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, pp.72-75, held at Karpagam College of Engineering, Coimbatore on March 2014.
6. N.B. Mahesh Kumar, "A Novel Palmprint Identification using Discrete Stockwell Transform", International Conference on Advanced Computing, Machines and Embedded Technology, pp. 321-328, held at JKK Nattaraja College of Engineering and Technology, Namakkal on March 2013.
7. N.B. Mahesh Kumar and K.Premalatha, "Gabor Transform and Fourier Transform based Palmprint for Human Identification", Proceedings of the International Convention cum Pre-Conference Workshop on Innovations in Engineering and Technology for Sustainable Development, pp.319-323, held at Bannari Amman Institute of Technology on September 2012.
8. N.B. Mahesh Kumar, "Edge Detection Techniques for Finger Knuckle-print Biometrics", Proceedings of the 2nd International Conference on Computer Applications, conducted by Techno Forum Research and Development Centre, Pondicherry on Jan 2012.

National Conference

1. N.B. Mahesh Kumar, "Sign Language Recognition System: A Preliminary Study", Proceedings of the 4th National Conference on Recent Trends in Ubiquitous Computing and Communication Technology, 8th-9th December 2017 at Bannari Amman Institute of Technology, Sathyamangalam.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Providing an Best Quality of Service in Cloud Radio Access Network", Proceedings on National Conference on Innovations in Information Technology (NCIIT-2016), Bannari Amman Institute of Technology, pp. 526-532, Feb 2016.
3. N.B. Mahesh Kumar, "Palmprint Biometric for Personal Authentication", Proceedings of the 4th National Conference on Challenges and Innovations in Information Technology", held at Kongu Engineering College, Erode on February 2014.

4. N.B. Mahesh Kumar, "Personal Authentication using palmprint biometric", Proceedings of the 6th National Conference on Computing and Information systems, pp. 93-96, held at Sri Krishna College of Engineering and Technology, Coimbatore on February 2014.
5. N.B. Mahesh Kumar, "Palmprint Biometrics for Identification of Humans", Proceedings of the 4th National Conference on Challenges and Innovations in Information Technology", at Kongu Engineering College, Erode, pp. 105-113, 22nd February 2013.
6. N.B. Mahesh Kumar, "A Novel Finger knuckle print biometrics for personal authentication", Proceedings of the 4th National Conference on Recent Trends in Information and Intelligence system held at Vellalar College of Engineering and Technology, Erode, 17th March 2012.
7. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 2nd National Conference on Recent Advances in Computer Vision and Information Technology, 8th March 2009 at Government College of Technology, Coimbatore.
8. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 4th National Conference on Emerging Trends in Computer Science and Engineering, 20th February 2009 at K.S.Rangasamy College of Technology, Tiruchencode.
9. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 3th National Conference on "Networks, Intelligence and Computing Systems", 16th February 2009 at SNS college of Technology, Coimbatore.

Books Published (Monograph)

1. N.B. Mahesh Kumar and K. Premalatha, Palmprint Authentication by Discrete Orthonormal Stockwell Transform, Lambert Academic Publishing, 2017, ISBN 978-620-2-06697-6, 2017.
2. N.B. Mahesh Kumar and K. Premalatha, Finger Knuckle-Print Authentication Using Fast Discrete Orthonormal Stockwell Transform, Anchor Academic Publishing, ISBN 978-3- 96067-203-6, 2017.
3. N.B. Mahesh Kumar and K. Premalatha, Certain Investigations on Transform Based Techniques in Palmprint and Finger Knuckle-Print Biometrics for Personal Authentication, GRIN, ISBN 9783668562868, 2017.

WORKSHOP/SEMINAR/FDP/FTP PARTICIPATION

1. Participated in webinar on "Power of Artificial Intelligence in an IOT", "Parkinson's disease Analysis using Machine Learning" conducted by Bannari Amman Institute of Technology, IEDC College of Engineering, Kottarakkara in association with NoviTech, Ernakulam on 28.08.2020, 23.08.2020.
2. Participated in webinar on Brain Control Robot Design, Internet of Things Using NodeMCU, Design of Brain Controlled Applications, Face Recognition using Deep Learning, Image Processing Applications, Natural Language Processing, Object Recognition – YOLO/MOBILENET/CLOUD, Computer Vision Application Design, Robotics Operating Systems, Brain Computer Interface and Research Opportunities, IIOT Industry 4.0, Autonomous Vehicle Technology, Healthcare Technology, Electric Vehicle Design using Matlab, Machine Learning Applications using Python, Internet of Things using Raspberry Pi, Brain Computer Interface, Grid Tie Inverter Design, Choosing the right processor for embedded application, Emerging growth of virtual reality and augmented reality conducted by NITK-STEP, Shiv Kumar Singh Institute of Technology and Science, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Balaji Institute of Technology and Science, Warangal, AIMIT ST. Aloysius College, Mangalore, Siddhartha Institute of Technology and Sciences, Khalsa College for Women, Sidhwan khurd, Ludhiana, Atria Institute of Technology, Bengaluru, Adama Science and Technology University, Ethiopia, AISSMS

3. Institute of Information Technology, Shree Ramchandra College of Engineering, KL Deemed To Be University, Manav Rachna University, RV College of Engineering, Bengaluru, KL Deemed To Be University, Rajiv Gandhi College of Engineering Research and Technology, Chandrapur, Kongu Engineering College, Erode, SJB Institute of Technology, KL Deemed To Be University, Vijayawada, K.S.R.M. College of Engineering, in association with Pantech Solutions on 06.06.2020, 23.06.2020, 26.06.2020, 30.06.2020, 03.07.2020, 07.07.2020, 10.07.2020, 14.07.2020, 17.07.2020, 21.07.2020, 25.07.2020, 28.07.2020, 31.07.2020, 01.08.2020, 04.08.2020, 05.08.2020, 08.08.2020, 12.08.2020, 13.08.2020, 14.08.2020.
4. Participated in Cisco Small Business Virtual Summit conducted by Cisco Inc, Bangloare in association with moneycontrol, Rukna Mana hai on 17.07.2020.
5. Participated in A Walk through Natural Language Processing with Python, Mental Health in the Covid Era, What you see is What you mean, a walk-through on LATEX conducted by IEEE student branch Central University of Kerala in association with IEEE WIE Central University of Kerala and Department of Computer Science, Central University of Kerala on 15.07.2020, 29.07.2020.
6. Participated in Webinar on Renewable Energy, Lead Free Solder Development towards Green Technology, Industry 4.0 and Robot Applications conducted by Francis Xavier Engineering College, Tirunelveli on 25.06.2020, 13.07.2020 and 13.07.2020.
7. Participated in webinar on Find the Missing Millions-World Hepatitis Day 2020 Awareness conducted by VGM Foundation, Coimbatore on 02.08.2020.
8. Participated in Webinar on Getting Students Career Ready for the New World of Work conducted by Elets Techmedia Pvt.Ltd, Noia, Uttarpradesh and Harappa Education, New Delhi on 12.08.2020.
9. Participated in webinar on "Implementation of Image and Signal Processing Applications using MATLAB in Xilinx Boards conducted by Sri Ramakrishna Engineering College Coimbatore in association with IETE & Mathworks India Pvt. Ltd, Hyderabad on 13.08.2020.
10. Participated in Webinar on "Leadership: Key for Future Success" conducted by DIGISAKSHAM, Noida Uttarpradesh on 3rd September 2020.
11. Participated in 4-Day International Conference on Eradication of Biological and Chemical Weapons conducted by MIT World Peace University, Pune from 3rd -26th June 2020.
12. Participated in one week online Certificate Course on Digital Teaching Techniques conducted by ICT Academy from 29.06.2020 to 04.07.2020.
13. Participated in 12 Hours of Faculty Development Program on Cybersecurity Essentials (Online Live FDP) conducted by ICT Academy from 17.8.2020 to 22.08.2020.
14. Participated in Webinar on Health and Safety, Skills that Make You, An Insight of Essay (For Argument & Issues), Social Networks: An Insight Approach conducted by Ezeal Evolutions India Pvt Ltd, Tiruchirappalli on 28.07.2020, 26.07.2020, 30.07.2020, 21.07.2020.
15. Participated in Webinar on OBE Implementation and Academic to Achieve Excellence Leading to Accreditation Readiness through IonCUDOS on 7th April 2020.
16. Participated in Webinar on Additive Manufacturing in Academics held on 13th April 2020 in association with CoreEL Technologies and Stratays.
17. Participated in Online Workshops on Intellectual Property Rights conducted by IPPO on 10th -11th April 2020.
18. Participated in ICT Academy Convergence 2020 (Annual Members Meeting) on 15.07.2020.
19. Participated in Virtual Book Launch of Future of Higher Education – Nine Mega Trends conducted by ICT Academy on 30.06.2020.
20. Participated in Online Super Session webinar on Change is the Essence of Lif,expert session by Bharathi Baskar Future of Education Expert session by Prof. D P Singh, Personal Financial Management by CA. V. Pattabhi Ram, Good Teacher to Great Teacher by Dr. Sylendra Babu, The Power of A Teacher, Improving the Skill Set & Changing the Attitude, Expert session by Dr. Ramesh Prabbha, conducted by ICT Academy on 25.05.2020, 18.06.2020, 20.05.2020, 14.05.2020, 04.05.2020, 05.06.2020.

21. Participated Insightful Fridays of Skycampus Digital Knowledge Webinar Series, Expert
22. Talks & Panel Discussion, Jatinder K Kautish, Director - Data Science & AI, Capgemini, Amit Ravankar, Head - ER Transformation, Tata Consultancy Services Moderated by G Saravanan, DGM, ICT Academy, Insightful Fridays of Skycampus Digital Knowledge Webinar Series on the Theme "Building a Sustainable Future on 05.06.2020, 12.06.2020.
23. Participated in Insightful Fridays of Skycampus Digital Knowledge Webinar Series Expert Talks & Panel Discussion by Varughese, VP & Global Lead, Applied Intelligence - Accenture Security, Accenture Nidhi (Dr. Kiran) Kewalramani, Project Director - CSR, Tech Mahindra Foundation Moderated by G Saravanan, Head - Strategic Alliance powered by ICT Academy on 19.05.2020, 26.06.2020.
24. Participated in Season 7 of Skycampus on the theme "Accelerating Industry 4.0 - A Post Covid Paradigm" Day 1 - Conversation on "Industry 4.0 - A post Covid Paradigm", Day 2 - Accelerating Industry 4.0 - A Learning & Development Perspective, Day 3 - Impact of Artificial intelligence and cognitive computing, post covid 2019, Day 4 -Discover the Diamond in You, Day 5 - Catching the Cyber Virus powered by ICT Academy from 25.05.2020 to 29.05.2020.
25. Participated in Season 6 of Skycampus on the theme Future Tech 2020- Day 1- 5G as an Enabler In Digital Transformation, Day 2 – Global Mega Trends, Technologies and Covid 19 Impacting Sectors, Day 3 – Building Skills in Robotic Process Automation, Day 4 – Beyond Covid - Leading Through Change, Day 5 – Next Generation of Blockchain powered by ICT Academy from 18.05.2020 to 21.05.2020.
26. Participated in Season 5 of Skycampus on the theme The Future of Skills – Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 11.05.2020 to 15.05.2020.
27. Participated in Season 4 of Skycampus on the theme The Future of Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 04.05.2020 to 09.05.2020.
28. Participated in Season 3 of Skycampus on the theme The Future is Here Now – Day 1 – Opening Key Note Sessions, Day 2 to 5 powered by ICT Academy from 26.04.2020 to 30.04.2020, 01.05.2020
29. Participated in Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 1 - Opening Key Note Sessions, Day 2 - Expert Sessions, Day 3 - Expert Sessions, Day 4 - Expert Sessions, Day 5 - Expert Sessions powered by ICT Academy from 20.04.2020 to 24.04.2020.
30. Participated in Skycampus: Digital Knowledge Series: Season 1 - Session 1,2,4,5, 6,7,8,9 titled Robotic Process Automation: Basics and Beyond, Future of AI inspired by Customer Use Cases for AI-ML, Accelerating Experiential Learning in Engineering - A Mathworks Approach, The Future of Making, Introduction to AI & ML, Cybersecurity Essentials, Design Thinking - Preparing the mind for disruption, Digital Transformation in Enterprise powered by ICT Academy from April 9th to 18th 2020.
31. Participated in webinar, "Educational Institutions Under Lock-down: Byndr The Solution" held on 8th April 2020.
32. Two days Faculty Development Programme on Introduction to Big Data Analytics conducted by ICT Academy held at VSB College of Engineering Technical Campus, Coimbatore on 15th - 16th May 2019.
33. Participated in the VMware Academic Community Meet 2019 – Coimbatore powered by ICT Academy held on September 2019 at Hotel Vivanta, Coimbatore
34. Participated in the ICT Academy Bridge 2020 The High Impact Industry Institute Interaction Event of ASIA held on 26th February 2020 at IITM Research Park, Chennai
35. Participated in the ICT Academy Leadership summit held on 25th February 2020 at IITM Research Park, Chennai
36. Participated in the ICT Academy Research summit held on 25th February 2020 at IITM Research Park, Chennai

37. Participated in the ICT Academy CSR convergence 2019-Chennai organized by ICT Academy held on 27th August 2019 at ITC Grand Chola, Chennai
38. Participated in the IBM Learnnovate event held on 19th November 2018 organized by Adroit Technologies, Coimbatore
39. Two day Faculty Development Programme on Introduction to R Programming conducted by ICT Academy held at Kumaraguru College of Technology, Coimbatore on 22nd - 23rd November 2018
40. Two day National Summit on Industry Standard 4.0 – Disruptive Technologies held at Bannari Amman Institute of Technology, Sathyamangalam on 23rd - 24th March 2018
41. ICMR sponsored Two-day National Level workshop on Deep Learning in Health Care Informatics and Models, 22nd - 23rd December 2017 at Bannari Amman Institute of Technology, Sathyamangalam
42. Two day Faculty Development Programme on Introduction to Mobile APP Development conducted by ICT Academy held at Jay Sriram Group of Institutions, Tiruppur on 27th - 28th November 2017
43. Three-Week Short Term Training Course on Applied Statistics for Bioinformatics and Computational Biology Solutions using R and Bioconductor, 4th - 22nd September 2017
44. National Level Two days workshop on Real Time Applications using Internet of Things (IOT), 20th - 21st 2017 at Bannari Amman Institute of Technology, Sathyamangalam
45. DST-NIMAT sponsored Entrepreneurship Camp, 20th - 22nd July 2017 and 22nd – 24th August at Bannari Amman Institute of Technology, Sathyamangalam
46. Two Day workshop on Ethical Hacking, 21st - 22nd July 2017 at Bannari Amman Institute of Technology, Sathyamangalam
47. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore, 22nd and 23rd June 2017
48. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27th July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
49. Workshop on Multimedia and Animations, 27th June 2017 to 28th June 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
50. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore.
51. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27th July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
52. Workshop on App Development, 3rd - 2nd March 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
53. App development Workshop, 21st November 2016 to 22nd November 2016 at Bannari Amman Institute of Technology, Sathyamangalam
54. Code Optimization Workshop, 26th August 2016, at Bannari Amman Institute of Technology, Sathyamangalam
55. One Day Seminar on Adapt TestOut Labsim to Train IT IMS Skills, 15th September 2016, at Bannari Amman Institute of Technology, Sathyamangalam
56. One day Workshop on Twitter Literacy Programme, 27th August 2016 at Bannari Amman Institute of Technology, Sathyamangalam
57. Workshop on Global IPD Week, June 2016, Technical Field Engagement team of CISCO, 31st May 2016 to 3rd June 2016
58. iOS App development Workshop (Preparatory Session), 6th February 2016, at Bannari Amman Institute of Technology, Sathyamangalam
59. iOS App development Workshop, 13th February 2016, 05th March 2016 to 06th March 2016, 19th March 2016, 16th April 2016 to 17th April 2016, 14th May 2016 at Bannari Amman Institute of Technology, Sathyamangalam
60. Two-week ISTE STTP workshop on “Introduction to Design of Algorithms” conducted by Indian Institute of Technology, Kharagpur jointly with National Mission on Education
61. through ICT (MHRD) held from 27th April to 30th May 2015 at Bannari Amman Institute of Technology, Sathyamangalam

62. Two day RBT Workshop conducted by the Department of Computer Science and Engineering held on 23rd and 24th February 2015 at Bannari Amman Institute of Technology, Sathyamangalam
63. Workshop on “Multimedia and Animation” conducted by the Department of Computer Science and Engineering held on 26th and 27th August 2014 at Bannari Amman Institute of Technology, Sathyamangalam
64. Two-week ISTE workshop on “Computer Programming” conducted by Indian Institute of Technology, Bombay jointly with National Mission on Education through ICT (MHRD) held from 20th May to 21st June 2014 at Bannari Amman Institute of Technology, Sathyamangalam
65. Cisco Networking Academy Instructor Conference and Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 23rd August 2013 at The Residency Hotel, Coimbatore.
66. One day Yoga Programme – Introductory Lecture on “ART OF LIVING” conducted by the Department of Computer Science and Engineering held on 28th March 2013 at Bannari Amman Institute of Technology, Sathyamangalam
67. DRDO Sponsored National Seminar on “Recent Research Application of Support Vector Machines” conducted by the Department of Computer Science and Engineering held on 28th and 29th December 2012 at Bannari Amman Institute of Technology, Sathyamangalam
68. One day Training Programme on Open Source Software conducted by the Department of Computer Science and Engineering held on 21st November 2012 at Bannari Amman Institute of Technology, Sathyamangalam
69. CSIR sponsored National Workshop on “Recent Trends in Multimodal Biometric System” conducted by the Department of Computer Science and Engineering held on 26th and 27th July 2012 at Bannari Amman Institute of Technology, Sathyamangalam
70. Two day workshop on Personality Effectiveness Programme (PEP) conducted by the Department of Computer Science and Engineering held on 6th and 7th October 2012 at Bannari Amman Institute of Technology, Sathyamangalam
71. One day workshop on “Reinforcement session of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 21st April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
72. One day workshop on “III Module of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 11th and 12th April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
73. Cisco Networking Academy Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 29th July 2011 at Hotel Rathna Regent, Avinashi Road, Coimbatore
74. CSIR Sponsored National Seminar on “Security Intelligence for Global Applications” conducted by the Department of Computer Science and Engineering held on 27th and 28th May 2011 at Bannari Amman Institute of Technology, Sathyamangalam
75. ICMR Sponsored National Seminar on “Applications of Soft Computing in Medical Image Processing” conducted by the Department of Computer Science and Engineering held on 4th and 5th March 2011 at Bannari Amman Institute of Technology, Sathyamangalam
76. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
77. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
78. Faculty Development Programme on “Certificate in .NET Programming” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at PSG College of Technology, during 29th May to 5th June 2010

79. Cisco SAARC Academy meet 2010 event conducted by Cisco Inc. Sys, Bangalore held on 26th March 2010 at Taj Residency, Bangalore
80. Faculty Training Programme on “Essentials of .NET” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at Jayam Engineering College, Dharmapuri, during 27th and 28th January 2010
81. Workshop on “Open Source Tools for Research in Data Mining” conducted by the Department of Computer Science and Engineering held on 28th November 2009 at Bannari Amman Institute of Technology, Sathyamangalam
82. Workshop on “Wireless Networks and Security Applications Using QUALET 4.5” during October 31st 2009 organized by the Department of Electronics and Communication Engineering and Applied Digital MicroLogics India Pvt. Ltd., Coimbatore at Bannari Amman Institute of Technology, Sathyamangalam
83. FDP on “Industrial Perspective of Java Programming Language and Web Technology” conducted by the Department of Computer Science and Engineering held on 18th and 19th August 2009 at Bannari Amman Institute of Technology, Sathyamangalam
84. Workshop on “Advanced Developer Technologies” organized by Microsoft Corporation, Bangalore at Sri Krishna College of Engineering and Technology, Coimbatore during 24th April 2009
85. National Seminar on “Advances in Applied Mathematics” held on 23rd March 2009 at the Department of Applied Mathematics, Bharathiar University, Coimbatore
86. One Day National Level Doctoral Symposium on Information Technology organized by the School of Computer Science and Engineering during 30th March 2009, Bharathiar University, Coimbatore
87. Faculty Development Programme on “Free/Open Source Software (FOSS)” held at Sri Krishna College of Engineering and Technology, Coimbatore during 5th and 6th September 2008
88. Workshop on “Thrust Areas of Research and its methodologies in Information Technology” on 17th March 2007 organized by Department of Computer Science and Engineering and Information Technology, Government College of Technology, Coimbatore
89. Workshop on “Networks Lab” organized by the Department of Electronics and Communication Engineering jointly with TETCOS, Bangalore during 13th November 2006 at Sri Krishna College of Engineering and Technology, Coimbatore

SEMINAR/WORKSHOP/ CONFERENCE ORGANIZED

S. No.	Date	Title of the Seminar/Workshop Organized	National / International
1.	20 th & 21 th January 2012	CSIR sponsored Two-day National Seminar on Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	National
2.	26 th & 27 th July 2012	CSIR sponsored Two-day National Workshop on Recent Trends in Multimodal Biometric System	National
3.	21 st & 22 nd February 2019	IEEE sponsored International Conference on Intelligent Sustainable Systems (ICISS-2019)	International
4.	08 th & 09 th August 2019	CSIR sponsored Two-day National Workshop on Bigdata Analytics using Hadoop	National

VALUE ADDED COURSE ORGANIZED

S.No	Cisco Instructor	Course and Module Name	From	To
1.	Dr. N.B. Mahesh Kumar	CCNA - Module I (Introduction to Networks)	01.10 2016	31 .03 2017
2.		CCNA - Module II(Routing and Switching Essentials)	12.06.2017	22.02 2018
3.		CCNA - Module I (Introduction to Networks)	28.06 2017	22.02 2018
4.		CCNA - Module II(Routing and Switching Essentials)	08.02.2018	31.08 2018

SEMINAR/WORKSHOP PROPOSAL SUBMISSION

S.No.	National Seminar/Workshop Submitted	Faculty Name	Agency	Year
1.	Future Innovations in Networks and Information Security	Dr. P.Thangaraj N.B. Mahesh Kumar	AITCE	2011
2.	Robust Machine Learning Technique for Biometric Recognition	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2011
3.	Recent Advancements in Semantic Web Engineering: Tools and Applications	Dr. P.Thangaraj N.B. Mahesh Kumar	DST	2011
4.	Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	Dr. P.Thangaraj M.Pandi N.B. Mahesh Kumar	CSIR	2011
5.	Research Challenges in Image and Pattern Analysis	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2012
6.	Wavelets and its Application in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2012
7.	Semantic Applications Web Engineering: Tools and Engineering	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2012
8.	Research Challenges in Mobile Computing for Medicine	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2013
9.	Computational Analysis and Pattern Recognition in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2013
10.	Component Analysis Techniques for Image Classification in Computer Vision	N.B. Mahesh Kumar	BRNS	2013
11.	DNA Microarray Data Analysis using R/Bioconductor and Next Generation Computing	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. R.Balamurugan M.Pandi	DBT	2016
12.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar M.Pandi	SERB	2016
13.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar T.Kumaresan	CSIR	2016
14.	Big Data and Deep Learning	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	Meity	2017

15.	Deep Learning Techniques in Big Data Analytics	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	CSIR	2017
16.	Industry Standard 4.0 - Disruptive Technology Summit	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. N.Sadhasivam	DBT	2018
17.	Bigdata Analytics Using Hadoop	Dr. A.Ramesh Dr. N.B.Mahesh Kumar	CSIR	2019
18.	Internet Of Things(Iot) Applications	Dr. N.B.Mahesh Kumar	ISTE	2020

NPTEL Courses Completed

- ☐ NPTEL Online Certification of 8-week Course in Design and Analysis of Algorithms, funded by the Ministry of HRD, Govt. of India from August – October 2018.
- ☐ NPTEL Online Certification of 8-week Course in Database Management Systems funded by the Ministry of HRD, Govt. of India from January to April 2019.
- ☐ NPTEL Online Certification of 12-week Course in Operating System Fundamentals funded by the Ministry of HRD, Govt. of India from July to October 2019.

GUEST LECTURE/ FDP ORGANIZED

- ☐ Placement Awareness Programme was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 04.07.2018.
- ☐ Online Skill Assessment Test was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 05.07.2018.
- ☐ A Guest lecture about Recent Trends in IT Industry by Mr. SabarinathanMuthu, Executive Manager, Gateway Software Solutions, Coimbatore, Python and Networking by Mr. A.Jaiger, Managing Director, Stornics, Coimbatore on 13.07.2018.
- ☐ A Guest lecture about Cloud Computing by Mrs. A.FlorenceReena, Associate Technical Lead, CTS, Coimbatore on 08.09.2018.
- ☐ A Guest lecture about Image Processing by Mr. Karthick Shankar, MATLAB Software Developer, Blue Mount Technologies, Coimbatore on 02.02.2019.
- ☐ CSE Association was inaugurated by Mr. MadhanBabuBhoopal, Technical Lead, Robert Bosch Engineering and Business Solutions Ltd, Coimbatore on 16.02.2019.
- ☐ A Guest lecture about Web Development by Mr. M.Kumar, Central Manager, LIVEWIRE, Tiruppur on 23.02.2019.
- ☐ Faculty Development Program on “Presentation Skills”, The Resource person was Mr Aman Tyagi from the Corporate Social Responsibility (CSR) team of Tata Consultancy Services, Chennai on 29.10.2018.

Name : Dr.S.MARKKANDEYAN
Designation &Department : PROFESSOR
INFORMATION TECHNOLOGY

Qualification: M.E., Ph.D.

Area of Specialization : Data Mining, Web Mining

Date of Joining : (KSR IET) 16.07.2021



Experience: **Teaching:20**

Number of Papers Published: **International Journals : 10**

Number of Papers Presented : **National Conferences : 05** **International Conferences: 06**

Contact Details : **E Mail:** drsmkupt@gmail.com **Mobile:** 9443586582

Publications (International Journals)

1. **Markkandeyan, S & Indra Devi, M**, „Efficient Machine Learning Technique for Web Page Classification“, Arabian Journal for Science and Engineering, **Springer**, 2015, vol. 40, no. 12, pp. 3555-3566, ISSN: 1319-8025, E-ISSN: 2191- 4281, Impact Factor **2.334**.
(Annexure – I)
2. Arockia Christopher, A.B, Shunmughavel, V & **Markkandeyan, S**, „Large-scale Data Analysis on Aviation Accident Database using Different Data Mining Techniques“, **The Aeronautical Journal**, 2016, vol. 120, no. 1234, pp. 1849-1866, ISSN: 0001-9240, E-ISSN: 2059-6464, Impact Factor **0.976**.**(Annexure – I)**
3. **Markkandeyan, S**, Kalyanasundaram, P, Muthhaia, U, Nilavu Niza A, Gnanapriya P, „Application of Different Feature Selection and Machine Learning Techniques in Web page Classification“, AIP Conference Proceedings, 2021, vol. 2405, pp. 1-4, ISSN: 0094-243X, Impact Factor 0. 40. **(Scopus)**
4. **Markkandeyan, S**, Anitha, C, „Malicious URLs Detection System Using Enhanced Convolution Neural Network“, International Research Journal of Modernization in

Engineering Technology and Science, 2021, vol. 3, no. 2, pp. 1216-1220, ISSN: 2582-5208, Impact Factor 6. 752. **(UGC)**

5. **Markkandeyan, S**, Kalyanasundaram, P, Suresh, P, „Design and Implementation of War Simulation through Multiplayer Virtual Reality in Serious Gaming“, International Journal of Advanced Science and Technology, 2020, vol. 29, no. 4, pp. 5402-5409, ISSN: 2207-6360, Impact Factor 0. 41. **(Scopus)**
6. **Markkandeyan, S**, Muthhaia, U, Seetha, Y, „Classification Models and Hybrid Feature Selection Method to Improve Crop Performance“, International Journal of Innovative Technology and Exploring Engineering, 2019, vol. 8, no. 11(s2), pp. 323-326, ISSN: 2278-3075, Impact Factor 5.54. **(Scopus)**
7. **Markkandeyan, S**, Kalyanasundaram, P, Muthhaia, U, „Research of Novel Web Page Classifiers and Feature Selection Methods“, International Journal of Innovative Technology and Exploring Engineering, 2019, vol. 8, no. 11, pp. 51-55, ISSN: 2278-3075, Impact Factor 5.54. **(Scopus)**
8. **Markkandeyan, S & Meera, G**, „Effort Reduction in Social Network Privacy“, International Journal of Applied Engineering Research, 2015, vol. 10, no. 49, Special Issues, pp. 115-119, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**
9. **Markkandeyan, S & Sharanya, J**, „Peer-Peer Greedy DB based Personalized Web Search“, International Journal of Applied Engineering Research, 2015, vol. 10, no. 49, Special Issues, pp. 209-215, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**
10. **Markkandeyan, S & Indra Devi, M**, „Performance Analysis of Features and Algorithms Applied in Web Page Classification-Survey“, International Journal of Applied Engineering Research, 2014, vol. 9, no. 24, pp. 27613-27620, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**

Publications (Patent)

1. **Markkandeyan, S & Segottaiyan, N**, „SIGI prints“, Indian patent office, Application Number: 201841029518.

Publications (International Conferences)

1. **Markkandeyan, S**, „Data with attribute based encryption in cloud storage“, International Conference on Recent Innovations in Engineering (ICRIE18), March 24, 2018, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
2. **Markkandeyan, S**, „Application of machine learning classifiers in Web page classification“, International Conference on Recent Innovations in Engineering, March 25, 2017, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
3. **Markkandeyan, S & Sharanya, J**, „Peer-Peer greedy DB based personalized web search“, International Conference on Emerging Trends in Engineering, Technology & Management (ICETM-15), April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
4. **Markkandeyan, S & Meera, G**, „Effort reduction in social network privacy“, International Conference on Emerging Trends in Engineering, Technology & Management (ICETM-15), April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
5. **Markkandeyan, S & Indra Devi, M**, „Analysis of document similarity using nearest neighbor text classification in Web page“, International Conference on Recent Innovations in Engineering (ICRIE), March 13-14, 2014, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
6. **Markkandeyan, S & Indra Devi, M**, „An assortment method of features and algorithms used in Web page classification-Survey“, International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems (ICDASDC-2012), December 21-22, 2012, pp. 362-367, K.L.N College of Information Technology, Madurai, Tamilnadu, India, ISBN: 978-81-923777-9-7.

Publications (National Conferences)

1. **Markkandeyan, S & Indra Devi, M**, „A Comprehensive survey on novel machine learning techniques for Web page classification“, National Conference on Recent Trends in Social Mobile Analytics Cloud (NCRTSMAC-16), April 7, 2016, Kamaraj College of Engineering and Technology, Virudhunagar, Tamilnadu, India.

2. **Markkandeyan, S & Indra Devi, M**, „Novel Web page classification algorithms“, National Conference on State of art Enabling Technologies of Distributed Computing (NCSEDC-16), April 1-2, 2016, RVS College of Engineering, Dindigul, Tamilnadu, India.
3. **Markkandeyan, S & Indra Devi, M**, „Web page classification: A survey on SVM based classification“, National Conference on Knowledge Discovery and Data Mining (NCKDDM), 6 August 22-23, 2011, pp. 93-98, Thiagarajar College of Engineering, Madurai, Tamilnadu, India, ISBN: 978-93-81361-21-4.
4. **Markkandeyan, S**, „Network security in network intraface system“, National Conference on Recent Trends in Advanced Computing, April 10-11, 2008, K.L.N College of Information Technology, Madurai, Tamilnadu, India.
5. **Markkandeyan, S**, „Image security in biometrics“, National Conference on Information Technology and Management, February 16, 2008, P.S.N.A College of Engineering and Technology, Dindigul, Tamilnadu, India.

Workshops & Seminar Organized

1. Convener, One day National level Workshop on “Linux” held on 23rd August, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu and IIT Bombay, India.
2. Convener, One day National level Workshop on “Python” held on 22nd June, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu and IIT Bombay, India.
3. Convener, One day National level Workshop on “Outcome Based Education (OBE)” held on 18th June, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu, India.
4. Convener, Two days Faculty Development Program on “Cloud infrastructures and services” held on 18th and 19th June, 2018, ICT Academy & Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu, India.
5. Organizer, Two days National Conference on “State of art Enabling Technologies of Distributed Computing (NCSEDC-16)”, April 1-2, 2016, RVS College of Engineering,

Dindigul, Tamilnadu, India.

6. Organizing Committee Member, Two days International Conference on “Emerging Trends in Engineering, Technology & Management (ICETM-15)”, April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
7. Organizing Committee Member, One day Workshop on “Creating Good Research Papers using LaTeX”, 22nd August, 2014, Department of Information Technology, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
8. Coordinator, One day Workshop on “Web standards for Practice”, 30th September, 2011, Department of Information Technology, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.

Membership in Professional Bodies

1. Life Member of The Indian Society for Technical Education (ISTE)
2. Life Member of International Association of Computer science and Information Technology (IACSIT)

NPTEL Courses Completed

1. „Data Mining“, Elite Certificate, February - April 2019, 2020, NPTEL, IIT Chennai, India.
2. „Data Base Management System“, August - September 2018, NPTEL, IIT Chennai, India.

UG & PG Projects Guided: 90

Guest Lectures Delivered: 05

Programmes Participated (Workshops , Seminars, FDP and STTP): 73

Name K. G. Lavanya

Designation & Department ASSISTANT PROFESSOR
INFORMATION TECHNOLOGY

Qualification M.Tech

Area of Specialization Mobile Ad Hoc Networks

Date of Joining (KSR IET) 02-06-2014



Experience **Teaching: 9 Years** **Industry: 2.5 Years**

Number of Papers Published **National Journals : International Journals :**

Number of Papers Presented **National Conferences : 01 International Conferences : 03**

Books Published 1

Contact Details **E Mail:** lavanyakg@gmail.com

Mobile: 8754254806

INTERNATIONAL CONFERENCE

1. **K.G.Lavanya, “Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis”** has presented at International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems Using Internet of Things (ICSAIOT 2019) conducted by K.S.Rangasamy College of Technology, Namakkal.
2. **K.G.Lavanya, S. Shanmugapriya, “Simulation of Broadcasting Algorithm using Neighbour Information in Mobile Ad Hoc Networks”** has published in International Conference on Intelligent Systems and Control –ISCO 2012 organized by Karpagam College of Engineering, Coimbatore on 06.01.2012 and 07.01.2012.
3. **K.G.Lavanya, “A Survey of Adaptive Beaconing in MANET for geographic Routing”** has published in International Conference on Innovative Research in Engineering and Technology organized by Park College of Engineering and Technology, Coimbatore from 03.01.2013 to 05.01.2013.

NATIONAL CONFERENCE

1. **K.G.Lavanya, C.Nallusamy, “A Scrutiny of Forwarding Strategies for Geographic Routing in MANET”** has published in National Conference on Recent Trends in Engineering and Technology organized by KSR Institute for Engineering and Technology on 24.03.16.

BOOKS PUBLISHED

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Ad hoc Sensor Networks	Dr.P.Meenakshi Devi M.Dhurgadevi K.G.Lavanya	AR Publications, Chennai	2016

PROPOSALS SUBMITTED TO FUNDING AGENCY

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1.	Challenges And Issues In 6lowpan And Zigbee Network For Environmental Monitoring And Forecasting	DST	50,000	Seminar	2015 - 2016

NPTEL COURSES COMPLETED

1. Introduction to modern application Development

SUBJECT LINKS

Operating Systems

1. Operating Systems Overview
<http://bit.do/eGynL>
2. Process Management
<http://bit.do/eGyoj>
3. Storage Management
<http://bit.do/eGyot>
4. I/O Systems
<http://bit.do/eGyoA>
5. Case Study
<http://bit.do/eGyoR>

Ad hoc Sensor Networks

1. MAC Protocols for Ad Hoc Wireless Networks
<http://bit.do/eGypq>
2. Routing Protocols and Transport Layer in Ad Hoc Wireless Networks
<http://bit.do/eGypL>

Name D.BALAKRISHNAN
Department INFORMATION TECHNOLOGY
Qualification M.E(CSE)
Area of Specialization ARTIFICIAL INTELLIGENCE
Date of Joining (KSR IET) 01-06-2018



Experience (as on 01.06.2020) **Teaching: 8.5 Years**

Number of Papers Published **National Journals: 02** **International Journals : 07**

Number of Papers Presented **National Conferences : 06** **International Conferences : 07**

Books Published **01**

Contact Details **E Mail: balakrish.careers@ksriet.ac.in**
Mobile: 9489796499

INTERNATIONAL JOURNALSS

1. **D Balakrishnan, T Gowri, “Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks”, International Journal of Science and Engineering Research, Volume 4 Issue 1, 2016.**
2. **D Balakrishnan, K Ranjitha, R Sangeetha, D Sumithra, V Varshini, “Secure Transmission of Images Based on DNA Computing Sequence”, International Journal of Modern Trends in Engineering and Science, Volume 4 Issue 3, 2017.**
3. **D Balakrishnan, “Implementation of Text and Voice Enabled Artificial Intelligence Chatter Bot”, International Journal of Research in Computer Science, Volume 5 Issue 2, 2018.**
4. **D Balakrishnan, “Appliance of Artificial Intelligence Techniques to Develop a chatterbot”, Pramana Research Journal, Volume 8 Issue 9, 2018.**

5. L.Priyanga Devi, K.G.Lavanya, S.M.Keerthana, **D Balakrishnan**, “**Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis**”, International Research Journal of Multidisciplinary Technovation (IRJMT), ISSN no. 2582-1040, November-2019
6. J.P. Jessica Collins, R. Santhosh Kumar, M. Priyadharshini, **D. Balakrishnan**, “**A Platform for Healthy Coders Community**”, GIS Science Journal, ISSN no. 1869-9391, Volume 8, Issue 1, 2021.
7. R. Jotheeswaran, B. Joshua daniel, S. Sriram ,**D. Balakrishnan**, “**Designing and Implementation of Multilingual Lexicography**”, International Journal of Engineering Research & Technology (IJERT), ISSN no. 2278-0181, Volume 9, Issue 5, 2021.

INTERNATIONAL CONFERENCES

1. D. Balakrishnan, “**A Novel Approach to Set Fixation Point of an Object for Segmentation**”, International Conference on Communication and Computer Vision (ICCCV-2013) conducted by RVS Faculty of Engineering, Coimbatore.
2. D. Balakrishnan, “**Secure Data Intrusion Resilience in Mobile Unattended WSNs**”, International Conference on Recent Trends in Signal Processing, Image Processing & VLSI conducted by Don Bosco Institute of Technology, Bangalore in 2014.
3. D. Balakrishnan, “**Thread Detection and Mitigation Using Port Scanning**”, International Conference on Synergistic Evolutions in Engineering conducted by Surya Engineering College, March 2016.
4. D. Balakrishnan, “**Inter Network Design Using Interior Routing Protocol**”, International Conference on Explorations and Innovations in Engineering and Technology (ICEIET-2016) conducted by Hindusthan Institute of Technology, Coimbatore.
5. D. Balakrishnan, “**Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks**”, International Conference on Recent Trends in Electronics, Communication and Computation Technologies (ICRTECCT-2016) conducted by Sri Ramanathan Engineering College, Tirupur.
6. Presented a paper entitled “**Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds**” at 7th National Conference on Networking and Communication Systems (NCS'19) conducted by Excel Engineering College, Namakkal

7. Presented a paper entitled **“Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis”** at International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems Using Internet of Things (ICSAIOT 2019) conducted by K.S.Rangasamy College of Technology, Namakkal

NATIONAL CONFERENCES

1. D. Balakrishnan, **“Approach to Segment an Object within the Fixation Limit”**, National Conference on Advanced Technology in Computer Science, Communication & Electrical (NATC²E-2013) conducted by MET’s School of Engineering, Thrissur.
2. D. Balakrishnan, **“TPF Scheduler to Implement Trustworthy Operations”**, 1st National Conference on Recent Trends in Intelligent and Distributed Technologies (nCRTIDT 2014) conducted by Park College of Engineering and Technology, Coimbatore.
3. D. Balakrishnan, **“Implementation of Genetic OFCR Mechanisms for Multiport Devices”**, 2nd National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.
4. D. Balakrishnan, **“Performance Evaluation of Different Routing Protocols in Mobile Adhoc Networks”**, National Conference on Innovations in Engineering and Management (NCIEM-2018) conducted by Info Institute of Engineering, Coimbatore.
5. D. Balakrishnan, **“Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds”**, 7th National Conference on Networking and Communication Systems (NCS’19) conducted by Excel Engineering College, Namakkal.
6. D. Balakrishnan, **“An Web Application for Coding Aspirants and Geeks”**, Seventh National Conference on Networking, Intelligence & Computing (NCNIC 2020) conducted by CSI – KEC Student Chapter, Kongu Engineering College, Erode.

AWARDS

1. Won **“Best Paper Award”** in the 2nd National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.

PROPOSALS SUBMITTED TO FUNDING AGENCY

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1	Cyber Forensics and its Applications	ISRO	1,00,000	Seminar	2017 – 2018
2	High Performance Computing using GPU	TNSCST	49,000	Seminar	2018 – 2019
3	Self Sufficient Tamilnadu for water needs	TNSCST	42,000	Popularization of Science Activities	2018 – 2019
4	Blockchain Technologies and its Applications	ISRO	1,40,000	Seminar	2019-2020
5	Blockchain Technology in Connected Health Care	ICMR	1,00,000	Workshop	2019-2020
6	Intellectual Property Rights (IPRs)	CFD, Anna University	30,000	FDTP	2021-2022

PROGRAMMES ORGANIZED

1. Organized Two Days Eye Screening Camp on Sep 18 & 19, 2017
2. Organized one day Health Awareness Programme titled “FUEL YOUR HEART” Oct 20, 2017
3. Organized one week First Aid Training Programme Starts from Feb 06 2018 to Feb 15, 2018
4. Organized one day yoga training on Mar 06, 2018
5. Organized One day Workshop titled “BLOCKCHAIN ARCHITECTURE” Sep 07, 2019
6. Organized Five days FDTP titled “Web Technology” from May 27 to 31, 2019
7. Organized one day seminar titled “DevOps & Cloud technology” on July 20, 2019
8. Organized Various UBA Activities at adopted villages
9. Organized one day webinar titled “Get Set Go” on Aug 01, 2020
10. Organized one day webinar titled “Entrepreneurial Opportunities in Digital Marketing” on Sep 25, 2021
11. Organized one day webinar titled “ஸ்டாட்ஸ்ததோட்டத்தில பரமபரிய வததகள” on Feb 02, 2022

WORKSHOPS, SEMINARS AND FDP ATTENDED

1. Participated in Six Days Online Faculty Development Program on **“Cybersecurity Infrastructure Configuration (Online Live FDP)”** conducted by ICT Academy on 20 Sep 2021 to 24 Sep 2021
2. Participated in Five Days Faculty Development Program on **“Framework for Online Assessment”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chennai during 12th July 2021 to 16th July 2021
3. Completed a Lead Auditor Course on **“Environment Management System, Green Campus Audit, Energy Audit and Hygiene Audit”** to Educational Institutions and Industrial sectors organized by the Nature Science Foundation, Coimbatore during 31st May 2021 to 04th June 2021
4. Participated in Five Days Faculty Development Program on **“Blended Learning & Flipped Classroom”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chandigarh during 31st Aug 2020 to 04th Sep 2020
5. Participated in Six Days Online Faculty Development Program on **“Digital Marketing (Online Live FDP)”** conducted by ICT Academy on 15 Jun 2020 to 20 Jun 2020
6. Attended a One Day Webinar on **“Research Article writing and Publishing in Good Impact Journal”** at IFERP on 13th June 2020
7. Participated in Five Days Online Faculty Development Programme on **“Recent Trends in Computing and Research Methodology Competency”** at Jayamukhi Institute of Technological Sciences, Warangal, during 05th to 09th June 2020
8. Attended a One Day International Webinar on **“Science and Engineering for Nature Conservation”** at J. C. Bose University Of Science and Technology YMCA, Faridabad on 05th June 2020
9. Attended a Two Days Webinar on **“Data Driven Innovation”** at Sathyabama Institute of Science and Technology, Chennai on 02th & 04th June 2020
10. Participated in Five Days Faculty Development Program on **“Augmented Reality (AR)/ Virtual Reality (VR)”** Sponsored by AICTE- ATAL conducted by University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra during 25th to 29th May 2020
11. Participated in Panel Discussion on **“Copyright issues in Online Teaching & Learning”** Organized by Internship and Placement Committee, Dr Ram Manohar Lohiya National Law University as part of the National Webinar Series Programme-2020, on May 24, 2020
12. Participated in Five Days Hands on Faculty Development Program on **“Data Science using Python”** conducted by Jeppiaar Institute of Technology, Chennai during 18th to 22nd May 2020
13. Participated in Five Days Online Faculty Development Program on **“Introduction to Data Science”** conducted by Guntur Engineering College, Kakinada during 18th to 22nd May 2020

14. Attended a One Day Webinar on **“Deep Dive in Digital Disruptive Technologies (IOT/AI/ML/DL)”** at Akshaya College of Engineering and Technology, Coimbatore on 21st May 2020
15. Attended a One Day Webinar on **“The Scope of Cyber Security”** at Jeppiaar Institute of Technology, Chennai on 14th May 2020
16. Participated in Two Days Online Faculty Development Program on **“RDBMS PostgreSQL”** conducted by Vellore Institute of Technology, Chennai during 09^h to 10th May 2020
17. Participated in International Eco Club Student Chapter Meet Conducted by Nature Science Foundation, Coimabtoe on 01st Feb 2020
18. Participated in One Day Webinar on **“Virtual and Augmented Reality”** at Vivekanandha College for Women, Tiruchengode on 07th May 2020
19. Participated in Two Days National Workshop on **“Socially Relevant Technical Education: Exploring Cooperation Oriented Action”** at NITTTR, Chennai, during 06th to 07th December 2019
20. Participated in Three Days Faculty Development Programme on **“Teaching Learning Process”** at IIT, Madras, during 16th to 18th October 2019
21. Participated in Three Days Workshop on **“Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes”** at KSR Institute for Engineering and Technology, Tiruchengode, during 19th to 21st November 2019
22. Participated in Two days National Workshop on **“Publishing Articles in SCI Indexed Journals and Filing IPR”** at KSR Institute for Engineering and Technology, Tiruchengode, during 25th to 26th July 2019
23. Participated in Two Weeks Faculty Development Programme on **“Artificial Intelligence Techniques In Data Analytics And Information Retrieval”** at Bannari Amman Institute of Technology, Erode, during 03rd to 16th June 2019
24. Participated in One Week Faculty Development Programme on **“Programming in C++”** conducted by NPTEL-AICTE during Jan-Mar 2019
25. Participated in Two Days Faculty Development Programme on **“Introduction to PHP Programming”** conducted by ICT Academy during 27th to 28th September 2018
26. Participated in **One-Day Training Programme for RRC Programme Officers & Student Volunteers** Sponsored by Tamil Nadu State Aids Control Society (TANSACS) and conducted by RRC of Anna University Regional Campus Coimbatore on 24th Mar 2018
27. Attended a One Week Faculty Development Training Programme on **“IT6007- Free and Open Source Software”**, at K S R College of Engineering, Tiruchengode during 01st to 5th and 19th & 20th December 2016
28. Participated in Three Days Hands-On Training on **“Grid and Cloud Computing”** at Info Institute of Engineering, Coimbatore during 17th to 19th Sep 2016
29. Attended a Two Days Faculty Development Programme on **“Graph Theory and its Application”**, at Velalar College of Engineering and Technology, Erode during 25th to 26th May 2016

30. Attended a One Day Faculty Development Programme on “**Mobil Application Development Laboratory**”, at K S R Institute for Engineering and Technology, Tiruchengode on 19th December 2015
31. Participated in Two Days National Level Seminar on “**Research Challenges in Mobile Computing**” Sponsored by Tamilnadu State Council for Higher Education held on 27th & 28th July 2015 at Hindusthan College of Arts & Science
32. Participated in International Seminar on “**Recent Trends in Wireless Communication and Networking**” by Dr. Hong Shen, Professor, School of Computer Science, University of Adelaide, Australia held on 17th December 2014 at Maharaja Engineering College for Women

INVITED TALKS

1. Titled “Fundamentals of Data Structures in C” in one day Virtual Guest Lecture on 08.10.2020 at Info Institute of Engineering, Coimbatore

BOOKS PUBLISHED

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1	Supply Chain Management	Dr. B. Kalaavathi D. Balakrishnan R. Sathya Priya	ARS Publications, Chennai	2021

MEMBERSHIP IN PROFESSIONAL BODIES

1. ISRD
2. IAENG
3. IFERP

CERTIFICATIONS

NPTEL

1. Introduction to Programming in C - IIT, Kanpur
2. Programming in C++ - IIT, Kharagpur

IITBombayX

1. Programming Basics – IITBombayX
2. Object-Oriented Programming – IITBombayX

AICTE Sponsored

1. Digital Marketing - Globsyn Business School
2. Industry 4.0 - Globsyn Business School

Name S.NANDHAGOPAL

Designation & Department ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY

Qualification M.E(CSE)

Area of Specialization DATA MINING

Date of Joining (KSR IET) 01-06-2018



Experience (as on 01.01.2018) Teaching:4.5 Industry:00 Others: 1.8 years

Number of Papers Published National Journals : 00 International Journals : 00

Number of Papers Presented National Conferences : 02 International Conferences : 01

Books Published National Publisher : 00 International publisher : 00

Contact Details E Mail: nan.ecs1@gmail.com Mobile:9787677167

Publications (International Conferences)

1. Presented “Image clustering Using Agglomerative Algorithm” -International Conference in innovations in science, Engineering and Technology for Sustainable Development at Muthayammal Engineering College.

Publications (National Conferences)

1. Presented “Image Clustering Using Agglomerative Algorithm” NVRTCSIT’14 held at Ranganathan Engineering College, Coimbatore.
2. Presented “Novel Privacy Measure for Data Publishing”-NCAC’13 held at United Institute of Technology, Coimbatore.

Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE)

Subject link

Design and Analysis of Algorithms

UNIT 1- INTRODUCTION

<https://bit.ly/2R5NRYZ>

UNIT 2- BRUTE FORCE AND DIVIDE-AND-CONQUER

<https://bit.ly/2RMSgVY>

UNIT 3- DYNAMIC PROGRAMMING AND GREEDY TECHNIQUE

<https://bit.ly/2AXIqpS>

UNIT 4- ITERATIVE IMPROVEMENT

<https://bit.ly/2CIdeuD>

<https://bit.ly/2sL0pv7>

UNIT 5- COPING WITH THE LIMITATIONS OF ALGORITHM POWER

<https://bit.ly/2R9tp9J>

Object oriented programming

UNIT 1- INTRODUCTION TO OOP AND JAVA FUNDAMENTALS

<https://bit.ly/2FXKBNh>

UNIT 2- INHERITANCE AND INTERFACES

<https://bit.ly/2RKuM3O>

UNIT 3 - EXCEPTION HANDLING AND I/O

<https://bit.ly/2Rbiufl>

UNIT 4 - MULTITHREADING AND GENERIC PROGRAMMING

<https://bit.ly/2FKKoxS>

UNIT 5- EVENT DRIVEN PROGRAMMING

<https://bit.ly/2Tba4GP>

Name	N.RENUKA
Designation &Department	ASSISTANT PROFESSOR INFORMATION TECHNOLOGY
Qualification	M.TECH (IT)
Area of Specialization	MACHINE LEARNING & DEEP LEARNING
Date of Joining (KSR IET)	01-07-2021
Experience	Teaching: 07 Months
Number of Papers Published	International Journals 03
Number of Papers Presented	National Conferences: 02 International Conferences: 01
Number of Book Chapter Published	Scopus Index: 01



Contact Details E Mail: renuka66ksr@ksriet.ac.in

Mobile: 8610949712

Publications (Journal Publication)

- Published Research Paper “PLANT LEAF DISEASES DETECTION USING DEEP LEARNING” in International Journal of All Research and Scientific Methods (IJARESM), March-2021.
- Published Research Paper “A SURVEY ON DIABETES DISEASES PREDICTION USING DATA MINING TECHNIQUES” in International Journal of Research and Analytical Reviews (IJRAR), June-2020.
- Published Research Paper “BLOCK CHAIN TECHNOLOGY BASED VOTING SYSTEM USING IRIS RECOGNITION TECHNIQUES” in Journal of Computational and Theoretical Nanoscience, March-2021.

National Conferences

- Presented Paper “SMART ENERGY MANAGEMENT SYSTEM USING IOT” in National Conference on Vivekanandha College of Engineering for Women.
- Presented Paper on “NATIONAL CONFERENCE ON CRYPTOGRAPHY & NETWORK SECURITY – 2021” at IIMT College of Engineering.

International Conferences

- Presented Paper "HEALTH PREDICTION SYSTEM USING DATA MINING TECHNIQUES" in International Conference On Emerging Trends In Engineering and Management on Dhanalakshmi Srinivasan College of Engineering.

Publications (Book chapter)

- Published Book chapter "BLOCK CHAIN FOR TRANSPARENT, PRIVACY PRESERVED AND SECURE HEALTH DATA MANAGEMENT" in Elsevier Scopus Index Series, June -2021.

Faculty Development Program/ Workshops

- Attended VLAB FDP, organized by PALS – IIT Madras during the year August 2021.
- Attended ATAL FDP on "Cyber Security & Cryptography: Trends and Technologies", organized by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram during October 2021.
- Attended Two Days Online Hands-on Training on "Amazon Web Services" at Kongu Engineering College, during December 2021.
- Attended Workshop on "Building Cloud Native Applications" at PSG Institute of Technology and Applied Research – Dept CSE, during January 2022.
- Attended 6 Days AU-FDP on "Computational Intelligence", organized by Sri Ramakrishna Engineering College during January 2022.
- Attended Workshop on "Outcome Based Education & Assessment of CO-PO Attainment" at KSR Institute for Engineering and Technology, Tiruchengode, during September 2021.

International Webinars

- Attended an International Webinar on "Decision Science and Intelligence in the Context of an AI/ML Driven World", organized by PSG Institute of Technology and Applied Research, Coimbatore during December 2021.

NPTEL COURSES COMPLETED

- Certificate awarded for successfully completing the long term course on "Deep Learning" from NPTEL conducted by IIT, Kharagpur from January – April 2020.
- Certificate awarded for successfully completing the long term course on "PYTHON FOR DATA SCIENCE " from NPTEL conducted by IIT, Kharagpur from August – September 2019.

- Certificate awarded for successfully completing the long term course on "BIG DATA COMPUTING" from NPTEL conducted by IIT, Kharagpur from August – October 2021.

CERTIFICATION COURSES

- Participated in IBM CE – “Software Foundation Course – Advanced” in VIETW
- Certificate for Completion of “CPP Training” from IIT BOMBAY
- Participated in FDP “C and CPP” organized by Jaywantrao Sawant polytechnic in Association with Spoken Tutorial IIT Bombay from April –May.
- Certificate of Participation SEN-MAT 2020 (online) in Sengunthar Management Aptitude test from Sengunthar Engineering College.
- Certificate of Participation webinar in “Machine Learning” organized by Vivekanandha College of Technology for Women.
- Certificate for Completion of “Introduction to Artificial Intelligence” online course offered by NPTEL.
- Certificate for Completion of “Introduction to IOT” online course offered by ICT Academy.
- Certificate for Completion of “Cyber Security Essentials” online course offered by ICT Academy.
- Certificate for Completion of “Intro to data and data science” online course offered by 365 Data Science.
- Certificate for Completion of “Deep Learning with Tensor Flow” online course offered by 365 Data Science.

Name N.KANNAN

Department INFORMATION TECHNOLOGY

Qualification M.E(CSE)

Area of Specialization SOFTWARE ENGINEERING

Date of Joining (KSR IET) 25-02-2021



Experience **Teaching: 5 months**

Number of Papers Published **International Journals: 00**

Number of Papers Presented **National Conferences: 00** **International Conferences: 00**

Contact Details **E Mail: kannanmese@gmail.com**

Mobile: 637969874

Name P.Keerthana

Designation & Department ASSISTANT PROFESSOR
INFORMATION TECHNOLOGY

Qualification M.E

Area of Specialization Image Processing

Date of Joining (KSR IET) 19-12-2019



Experience **Teaching:** 4.5 Years

Industry: Nil

Number of Papers Published **National Journals:** Nil

International Journals: 05

Number of Papers Presented **National Conference:** 01

International Conference: 07

Books Published Nil

Contact Details **E Mail:** Keerthanabtechme@gmail.com

Mobile: 9677805384

INTERNATIONAL JOURNAL

1. Published a paper on “**T-TRACKING ALGORITHM FOR DATA TRACKING IN WIRELESS SENSOR NETWORKS**” in IJESRT, ISSN: 2277-9655, Volume 7,2018
2. Published a paper on “**NETWORK CAPACITY BASED GEOGRAPHICAL QOS ROUTING FOR MULTIMEDIA STREAMS OVER MANET**” in IJESRT, ISSN: 2277- 9655, Volume 7, 2018
3. Published a Research Paper on “**INFRASTRUCTURE CLOUD USING VIRTUAL MACHINE**” in INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY, Volume 5, Special Issue 9, May 2016, DOI:10.15680/IJIRSET.2016.0506501.
4. Published a Research Paper on “**CRUSTOSE USING SHAPE FEATURES AND COLOR HISTOGRAM WITH K - NEAREST NEIGHBOURCLASSIFIERS**” in INTERNATIONAL JOURNAL OF FUTURE INNOVATIVE SCIENCE AND ENGINEERING RESEARCH, Volume 3, Issue 1, March 2017, ISSN (Online):2454- 1966.
5. Published a Research Paper on “**A HYBRID MODEL FOR LOAD BALANCING IN CLOUD USING FILE TYPE FORMATTING**” in INTERNATIONAL JOURNAL OF ADVANCE RESEARCH IN SCIENCE AND ENGINEERING, Volume No. 10, Issue No. 04, April 2021, ISSN (Online):2319-8354.

NATIONAL CONFERENCE

1. Ms.P.Keerthana, Ms.Gayathri, “**T-TRACKING ALGORITHM FOR DATA TRACKING IN WIRELESS SENSOR NETWORKS**” in 2nd National Conference on CEIET-2019 organized by Cheran College of Engineering, Karur
2. Ms.P.Keerthana, Ms.Karthika, Ms.Karkuzhali and Ms.Kowsalya “**STUDENT GRIEVANCE SUPPORTED SYSTEM**” in National Conference on Challenges and Opportunities in Industry 4.0 (COIN-2020) organized by KSR Institute for Engineering and Technology, Tiruchengode.

INTERNATIONAL CONFERENCE

1. Ms.P.Keerthana, Dr.B.G.Geetha, “**INFRASTRUCTURE CLOUD USING VIRTUAL MACHINE**” in International Conference on Emerging Trends in Engineering Organized by NMAM Institute of Technology at Karnataka.
2. Ms.P.Keerthana, Dr.B.G.Geetha and Ms.Kanmani “**CRUSTOSE USING SHAPE FEATURES AND COLOR HISTOGRAM WITH K-NEAREST NEIGHBOUR CLASSIFIER**” in International Conference on Electrical, Electronics and Computer Engineering organized by Vivekananda College of Engineering for Women at Tiruchengode.

- Ms.P.Keerthana, Mrs.M.Agalya, “ANALYSE FEATURES OF LICHEN USING COLOR HISTOGRAM WITH K-NEAREST NEIGHBOUR CLASSIFIER” in 5th International Conference on latest trends in science Engineering and Technology Organized by Karpagam Institute of Technology at Coimbatore (Indexed in GOOGLE Scholar).
- Ms.P.Keerthana, Mr.S.Arun Prasath, “IDENTIFY PATTERN RECOGNITION OF IMAGE USING K- NEAREST NEIGHBOUR CLASSIFIER” in 5th International Conference on latest trends in science Engineering and Technology Organized by Karpagam Institute of Technology at Coimbatore (Indexed in GOOGLE Scholar).
- Ms.P.Keerthana, Ms.Karthika, Ms.Karkuzhali and Ms.Kowsalya “STUDENT GRIEVANCE SUPPORTED SYSTEM” in International Conference on Engineering and Technology organized by Selvam College of Technology at Namakkal.
- Ms.P.Keerthana, Mr.S.Girinath, Mr.R.Kalidass, Mr.G.Naveen Kumar and Mr.V.Sathish Kumar “A TIME SERIES MINING APPROACH FOR AGRICULTURAL AREA DETECTION” in International Conference on Challenges and Opportunities for Innovation in New Normal Scenario in Organized by K S R Institute for Engineering and Technology at Tiruchengode.
- Mr.K.S.Keerthivarma, Mr.A.Manikandan, Mr.G.Mounish, Mr.G.R.Rajaraveendhar and Ms.P.Keerthana “A HYBRID MODEL FOR LOAD BALANCING IN CLOUD USING FILE TYPE FORMATTING” in International Conference on Challenges and Opportunities for Innovation in New Normal Scenario in Organized by K S R Institute for Engineering and Technology at Tiruchengode.

BOOKS PUBLISHED

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
Nil				

PROPOSALS SUBMITTED TO FUNDING AGENCY

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
Nil					

NPTEL COURSES COMPLETED

Nil

SUBJECT LINKS

Object Oriented Analysis and Design

https://drive.google.com/file/d/127oz1ww_jQRH-i2U0mL-jBYxdD123Efc/view?usp=sharing
<https://drive.google.com/file/d/1HnD5qHWSTP-OVq6ESIRxCHU1Y0AVHAAAt/view?usp=sharing>
<https://drive.google.com/file/d/1aybHNWk08TbxyOOkJ2ycRxb-QoJ5HMTN/view?usp=sharing>
<https://drive.google.com/file/d/1UBMRXkwBIYtjiiz-AFMlkinEXof-d3s/view?usp=sharing>
<https://drive.google.com/file/d/1LeLCx1C8sWgdoVtbqGMd4ARQZ-Uvzyfq/view?usp=sharing>

Problem Solving and Python Programming

https://docs.google.com/document/d/1dDvEzn_aufF57n6Z8Pjr1ZmdPJNkbusD/edit?usp=sharing&ouid=105626054326701429981&rtfpof=true&sd=true
<https://docs.google.com/document/d/1TEHbRhXwDHDQplxHQ11dCVDGsTKnX18/edit?usp=sharing&ouid=105626054326701429981&rtfpof=true&sd=true>
<https://docs.google.com/document/d/1C3hG4Unsv5cIqPsq9E5ksDxaFzf6puP/edit?usp=sharing&ouid=105626054326701429981&rtfpof=true&sd=true>
<https://docs.google.com/document/d/11Z5fpozQfgC7HUwY3jSQ8WUwz5l4xZXL/edit?usp=sharing&ouid=105626054326701429981&rtfpof=true&sd=true>
<https://docs.google.com/document/d/1ZS5QxjDx2A2pRHexSpLP6nrm3v0ePnWM/edit?usp=sharing&ouid=105626054326701429981&rtfpof=true&sd=true>

FACULTY DEVELOPMENT PROGRAM ATTENDED

- Attended **Recent Advancements in Deep Learning**, organized by Anurag Engineering College during February 2022
- Attended **Computational Intelligence**, organized by Sri Ramakrishna Engineering and College during January 2022

3. Attended **Challenges and Opportunities of Data Science in Smart Healthcare: Turning Data into Clinical Intelligence** AICTE-AQIS Sponsored FDP, organized by K.S.Rangasamy College of Technology during April 2021
4. Attended **Emerging Technology of Fourth Industrial Revolution (4IR)**, organized by SRM Institute of Science and Technology during June 2020
5. Attended **Machine Learning with Python in Data Science – Applications and Research Perspectives** STTP, organized by SRM Institute of Science and Technology during October 2020
6. Attended **Research Skill Development**, organized by Sathyabama Institute of Science and Technology during August 2020
7. Attended **Robotics - An Application in Medical Science** AICTE-ATAL Sponsored FDP, organized by Maulana Azad National Institute of Technology during December 2020
8. Attended **E-learning Resource Creation - A Beginning towards new Era of Elearning**, organized by D.Y.Patil College of Engineering and Technology during June 2020
9. Attended **Practical Approach for Data Science** STTP, organized by R.N.G. Patel Institute of Technology during June 2020
10. Attended **Machine Learning and Artificial Intelligence in Data Science**, organized by PACE Institute of Technology and Sciences during December 2020
11. Attended **Internet of Things(IoT)** AICTE sponsored ATAL Online FDP, organized by Army Institute of Technology during November 2020
12. Attended **Robotics** AICTE sponsored ATAL Online FDP, organized by Motilal Nehru National Institute of Technology, Allahabad during November 2020
13. Attended **Cyber Security** AICTE sponsored ATAL Online FDP, organized by National Institute of Technology, Nagaland during June 2020
14. Attended **Research Opportunities in Image Processing and Machine Learning**, organized by Chaitanya Bharathi Institute of Technology during June 2020
15. Attended **IOT & Machine Learning**, organized by G Pulla Reddy Engineeringa College during June 2020
16. Attended **Computer Vision using Convolutional Neural Networks**, organized by Anurag University & BlackBucks during June 2020
17. Attended **Two Weeks FDP on Managing Online Classes and Co-Creating MOOCs**, organized by Ramanujan College(Unive rsity of Delhi) during April/May 2020
18. Attended **Data Sciences** AICTE sponsored ATAL Online FDP, organized by IIIT Nagpur during April 2020
19. Attended **Artificial Intelligence** AICTE sponsored ATAL Online FDP, organized by University Institute of Engineering and Technology Kurukshetra University, during May 2020
20. Attended **Artificial Intelligence**, organized by Sathyabama Institute of Science and Technology during June 2020
21. Attended **Artificial Intelligence and Machine Learning**, organized by CMR Technical Campus, Telangana during May 2020
22. Attended **ICT Tools in Education Using Moodle**, organized by PACE Institute of Technology and Sciences during May 2020
23. Attended **Innovative Trends In Engineering And Technology**, organized by Shree L R Tiwari College of Engineering during May 2020
24. Attended **Python 3.4.3**, organized by Government of Polytechnic Awasari during May 2020
25. Attended **Data Science and Research Opportunities**, organized by Sri Ramakrishan College of Arts and Science during May 2020
26. Attended **ICT Tools in Teaching**, organized by K S R College of Engineering during February 2020
27. Attended **Two Weeks FDP on Online Teaching – Learning and Research Methodology**, organized by Government P.G. College during July 2020

28. Attended **NBA Preparation & CO PO Mapping**, organized by SVPM's College of Engineering during June 2020
29. Attended **Performance Measurement and Testing in Big Data Architecture and Cloud Infrastructure**, organized by Sathyabama Institute of Science and Technology during June 2020
30. Attended **Virtual Labs**, organized by PALS-VLABS 2020-21 INITIATIVE with NITK Surathkal during September 2020

TRAINING PROGRAMME ATTENDED

1. Successfully Completed Python Skills, organized by Centre for University – Industry Collaboration (CUIC), Anna University during June 2020

WORKSHOP ATTENDED

1. Attended **Ethical Hacking**, organized by Sengunthar College of Engineering during May 2020
2. Attended **Big Data Analytics**, organized by SSN College of Engineering during May 2020

Name P.S.PRAKASH KUMAR
Designation & Department ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY
Qualification M.E(CSE)
Area of Specialization WIRELESS SENSOR NETWORKS
Date of Joining (KSR IET) 03-06-2013



Experience **Teaching:9 Years**

Number of Papers Published **International Journals : 01**

Number of Papers Presented **National Conferences : 02** **International Conferences : 04**

Contact Details **E Mail:** psprakashkumar39@gmail.com **Mobile:** 9944716181

Publications (International Conferences)

1. Presented "An Energy Efficient Technique for object tracking in Wireless Sensor Network", CSNT, 2013, Gwalior.
2. Presented "Design of smart home environment monitoring system based on Raspberry Pi", ICMSC'15 at Karpagam College of Engineering on 15 and 16 OCT 2015.
3. Presented "Cache Invalidation Mechanisms For Maintaining Cache Consistency", ICETSET 4th and 5th -March-2016, Nandha College of Technology, Erode, .
4. Presented "Intelligence of Safeguard Security based on IOT" -International Conference in innovations in science and Engineering and Technology for Sustainable Development at Muthayammal Engineering College.

Publications (National Conferences)

1. Presented "Object Tracking in Wireless Sensor Networks for Optimizing the Energy using Predictive Technique ", NCFCSCT 2013, Sri Ramakrishna Engineering College, Coimbatore, 2013.

2. Presented “Integrating and data cleaning on NOSQL”, Computing and Information Systems 2015, Kongu engineering College, 06.02.15 to 07.02.15.

Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE)

Subject link

PROBLEM SOLVING AND PYTHON PROGRAMMING

Algorithmic Problem Solving : <http://bit.do/eGyvA>
Data, Expressions, Statements: <http://bit.do/eGyvM>
Control Flow, Functions: <http://bit.do/eGyvT>
Lists, Tuples, Dictionaries: <http://bit.do/eGyv6>
Files, Modules And Packages: <http://bit.do/eGywb>

PROFESSIONAL ETHICS IN ENGINEERING

HUMAN VALUES

https://drive.google.com/file/d/1yKoJjbAFeuVOWnwb1J6ht2JZWnky2_1F/view?usp=sharing

ENGINEERING ETHICS

<https://drive.google.com/file/d/176Qp14x0i0ixZxjIVEXXUeKaXfLUcBs6/view?usp=sharing>

ENGINEERING AS SOCIAL EXPERIMENTATION

<https://drive.google.com/file/d/1n0E1hsYk8FdNKwz0iSzBcLWBy1XGplUA/view?usp=sharing>

SAFETY, RESPONSIBILITIES AND RIGHTS

<https://drive.google.com/file/d/1fajpBpRHEslq66VDJMWAEzgJWNingKk6/view?usp=sharing>

GLOBAL ISSUES

https://drive.google.com/file/d/1CHlgm34VuQN-y0_XcNhN5I-muYXdjmlc/view?usp=sharing

NPTEL COURSES COMPLETED

1. Introduction to modern application Development
2. Wireless Ad Hoc Sensor Networks

Name SELVAPRABHU T
Designation & Department ASSISTANT PROFESSOR
INFORMATION TECHNOLOGY
Qualification B.TECH(IT),M.E(CSE),
Area of Specialization DATA ANALYTICS & NETWORKS
Date of Joining (KSR IET) 12-08-2021
Experience **Teaching:10**



Number of Papers Published **International Journals :5**
Number of Papers Presented **National Conferences :08** **International Conferences : 02**

Contact Details **E Mail ID: selvaprabhut@yahoo.co.in** **Mobile: 9994114070**

Publications (National Conference)

1. Presented Paper on “Enhanced Nearer Neighbor Searching Spatial Database using OLS Technique” at KSR College of Technology, Tiruchengode.
2. Presented Paper on “QGRID-An Adaptive Trust Aware Resource Sharing” at KONGU Engineering College, Erode.
3. Presented Paper on “Detection of Epilepsy by Probabilistic Neural Network” at Anna University of Technology, Tiruchirappalli.
4. Presented Paper on “Novel Searching of Database Using OLS Technique” at RajaRajeswari Engineering College, Chennai.
5. Presented Paper on “GNP-Base Fuzzy Class-Association Rule Mining with Subattribute Utilization” at RMD Engineering College, Chennai.
6. Presented Paper on “A Multi Dialectal Provision E-Mail Server” at Adithya Institute of Technology, Coimbatore.
7. Presented Paper on “Impact of Machine Learning in Cyber Security” at KGiSL Institute of Technology, Coimbatore.

8. Presented Paper on “National Conference on Cryptography & Network Security – 2021” at IIMT College of Engineering.

Publications (International Journal)

1. **“Implementation of Hybrid Search on IBM CELL Broadband Engine”** Published at International Journal on Recent Trends in Engineering and Technology”, ISSN: 2158-5563, Vol: 5, No: 1, March 2011.
2. **The Application of Wireless Sensor Network in the Irrigation Area Automatic System”,** Publish at International Journal in Computer Technology and Application ISSN: 2229-6093. Vol: 3, No: 1, Feb 2012.
3. **“Detecting Phishing Attacks in Purchasing Process through Proactive Approach”,** Publish at Advance Computing: An International Journal, ISSN: 2229-6727, Vol: 3, No: 3, May 2012.
4. **“A Multi Dialectal Provision E-Mail Server”,** Published at IJETS, ISSN: 2349-3976, Sep 2015, with impact factor 0.887.
5. **“Impact of Machine Learning in Cyber Security”,** Published by UGC Approved Journal with ISBN No: 9789352915621.

Publications (International Conferences)

1. Presented Paper on **“Intrusion Detection Model Based on Fuzzy GNP and Probability Distribution for Intrusion Classification”** at Dr. MGR Educational & Research Institute, Chennai.
2. Presented Paper on **“Impact of Machine Learning in Cyber Security”** at KG Institute of Technology, Coimbatore.

Guest Lectures Given

1. Given Guest Lecture on the topic **“Machine Learning Technique”** for the CSE students of **Nanjai Lingammal Polytechnic College, Karamadi, Coimbatore.**
2. Given Guest Lecture on the topic **“Recent Trends in Multimedia”** for the CSE students of **GRG Polytechnic College, Coimbatore.**
3. Given Guest Lecturer on the topic **“Creating Own App & Website”** for several +2 Students in

Adithya Summer Skill Camp.

4. Given Guest Lecture on the topic **“Google Sketch up”** for the CSE students of **Shree Venkateshwara Hitech Polytechnic College**, Sathyamangalam, Erode.
5. Given Guest Lecture on the topic **“Google Sketch up”** for the CSE students of **Arulmigu Palaniandavar Polytechnic College**, Palani.

Workshops

1. Attended One Day Workshop on “Network Simulator 2” Organized by School of Computing Science & Engineering VIT University, Chennai Campus.
2. Attended One Day Workshop on “Recent Trends in Cloud Computing” Organized by the Department Computer Science & Engineering at SRM Easwari Engineering College, Chennai.
3. Attended One Day Workshop on “” Organized by MaxCADD, Coimbatore.
4. Attended Three Days Workshop conducted by “WIPRO MISSION 10X” at Adithya Institute of Technology.
5. Attended Two Days Workshop on “IOT Workshop” Organized by the Department Computer Science & Engineering at Adithya Institute of Technology, Coimbatore.
6. Attended One Days Workshop on “Workshop on PYTHON” Organized by the Department Computer Science & Engineering at Adithya Institute of Technology, Coimbatore.
7. Attended Two Days Workshop on “Big Data” Organized by Department of Computer Science & Engineering at National Institute of Technology – Trichy.
8. Attended Four Days of Workshop on “Instructional Excellence in Intelligent Systems” at Adithya Institute of Technology.
9. Attended Three Days of Workshop on “Certificate Program in UAV Systems under Multirotor Expert Program” at Adithya Institute of Technology.
10. Attended Workshop on “Building Cloud Native Applications” at PSG Institute of Technology and Applied Research – Dept CSE, during January 2022.

Faculty Development Program / STTP

1. Attended Two Days FDP on “Teaching Methodologies” at VelTech MultiTech Dr.Rangarajan

Dr.Sakunthala Engineering College,
Avadi, Chennai.

2. Attended Two Days FDP on “Mastering Machine Learning with Python” at Sona College of

Technol
ogy,
Salem.

3. Attended Three Days FDP on “Teaching Learning Program” at Indian Institute of Technology –

Madra
s,
Chenn
ai.

4. Attended many more Online FDP Programs during
Covid-19 Period

5. Attended VLAB **FDP**, organized by PALS – IIT Madras during the year
August 2021.

6. Attended ATAL FDP on “Cyber Security & Cryptography: Trends and Technologies”, organized by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram during October 2021.

7. Attended 6 Days AU-STTP on “Cyber Security”, organized by MIT – AICTE
during January

2
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2
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International Webinars

1. Attended an International Webinar on "Decision Science and Intelligence in the Context of an AI/ML Driven World", organized by PSG Institute of Technology and Applied Research, Coimbatore during December 2021

2. Attended an International Webinar on “ Research Data Collection & Data Analysis”,
organized

by Institute of Global Professionals, during January 2022.

Subject link

PROBLEM SOLVING AND PYTHON PROGRAMMING

Algorithmic Problem Solving	: http://bit.do/eGyvA
Data, Expressions, Statements	: http://bit.do/eGyvM
Control Flow, Functions	: http://bit.do/eGyvT
Lists, Tuples, Dictionaries	: http://bit.do/eGyv6
Files, Modules And Packages	: http://bit.do/eGywh

Name Ms. C.AARTHY

Designation & Department ASSISTANT PROFESSOR &
INFORMATION TECHNOLOGY

Qualification M.E(CSE)

Area of Specialization Data science

Date of Joining (KSR IET) 13-07-2022

Experience (as on 11.09.2019) Teaching:3.6 years Industry:00 Others: 00

Number of Papers Published National Journals : 00 International Journals 01

Number of Papers Presented National Conferences : 00 International Conferences 00

Books Published National Publisher : 00 International publisher 00

Contact Details E Mail: aarthychellakannu@ksriet.ac.in Mobile:9789362393

Publications (International Conferences)

1. Cryptanalysis and improvement of the image encryption. International Journal on Applications in Engineering and Technology volume 8, issue 2, may 2022.



Subject link

CS8592 OBJECT ORIENTED ANALYSIS AND DESIGN

UNIT I UNIFIED PROCESS AND USECASE DIAGRAM

https://drive.google.com/file/d/1-JZ4bY_xuTMadVkERstJPmaHDWE4-AW6/view?usp=share_link

UNIT II STATIC UML DIAGRAMS

https://drive.google.com/file/d/1Ahxb0V-SucYUo2hRwp7zOPhIjMsJQakE/view?usp=share_link

UNIT III DYNAMIC AND IMPLEMENTATION UML DIAGRAM

https://drive.google.com/file/d/1p61I3b1ptaRFFCQv8i9445p8-yOIx0Tr/view?usp=share_link

UNIT IV DESIGN PATTERN

https://drive.google.com/file/d/1Ahle2XbMNZU-OzLdHUTPc8y4ofjUEXFz/view?usp=share_link

UNIT V TESTING

https://drive.google.com/file/d/1kgWy-W_OOVDZvB0zJtOg9fOapNOfv9Y5/view?usp=share_link

Name	G.MOHESHKUMAR
Designation &Department	ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY
Qualification	M.E(CSE)
Area of Specialization	DATA MINING
Date of Joining (KSR IET)	18-07- 2022
Experience (as on 01.01.2018)	Teaching: 4.6 Industry:00 Others: 0.0 years



Number of Papers Published **National Journals : 00** **International Journals : 01**

Number of Papers Presented **National Conferences : 00** **International Conferences : 02**

Books Published **National Publisher : 00** **International publisher : 00**

Contact Details **E Mail: mohesh.mohesh@ksriet.ac.in** **Mobile:9543766662**

Publications (International Conferences)

1. Presented “**Privacy-Preserving-outsourced Association Rule Mining on Vertically Partitioned Database**”-International Conference on Advances and Challenges in interdisciplinary Engineering and Management at Vidyaa Vikas College of Engineering and Technology(12-Feb-2017).
2. Presented “**Research on Text Classification Algorithm Based on BiLSTM-WS Attention**” -International Conference on Management,Engineering,Science,Humanities at Builders Engineering College(19-Jan-2022).

Publications (International Journals)

1. Published“**Survey On Location-Based Services**” **ISSN 2347-9272 held at InnovationInternational Journal Research(IJAR-522) .**

Faculty Development Program/ Workshops

- ☐ Attended FDP on Naan Mudhalvan Big Data Analytics
- ☐ Attended FDP on Java Full Stack in Wipro Certificated Faculty Program
- ☐ Attend Workshop in Outcome Based Education And NBA Process(AICTE-MARGDARSHAN SCHEME)
- ☐ Attend Workshop in Effective Business Plan and Start-up Strategy(Entrepreneurship Development Cell)
- ☐ Participated in the Webinar on How to start a business organized by Entrepreneurship Development Cell)
- ☐ Participated in the Webinar on Design Thinking organized by Entrepreneurship Development Cell
- ☐ Participated in the Webinar on Exploring Business, Marketing & Entrepreneurship organized by Entrepreneurship Development Cell

Subject link

WEB TECHNOLOGY

UNIT 1-WEB SITE BASICS AND HTML

https://drive.google.com/file/d/1dKaXcvfG83vnUpEXdyfq8Hz5hWW9-kRu/view?usp=share_link

UNIT 2- CSS AND CLIENT SIDE SCRIPTING

<https://drive.google.com/file/d/1gLzghKoEohezUk06ATtpShI58bBcEN0U/view?usp=sharing>

UNIT 3- DYNAMIC PROGRAMMING AND GREEDY TECHNIQUE

https://drive.google.com/file/d/1WZfqGGdy8p4piKclkgMLyTiAXhwhYPts/view?usp=share_link

UNIT 4- SERVER SIDE SCRIPTING

https://drive.google.com/file/d/18jjwP8xSeUGTwNL_HyNVa3y7BRbo1rC/view?usp=share_link

UNIT 5- JSP AND XML

<https://drive.google.com/file/d/1cdM8SA4YyaqfBAVxAGLMJZVvGbst6gNN/view?usp=sharing>

COMPUTATIONAL INTELLIGENCE

UNIT 1- INTRODUCTION

https://drive.google.com/file/d/1oWV_z7brz7eb3ae4zGnDoimoRfRtlQJF/view?usp=sharing

UNIT 2- KNOWLEDGE REPRESENTATION AND REASONING

https://drive.google.com/file/d/1oWV_z7brz7eb3ae4zGnDoimoRfRtlQJF/view?usp=sharing

UNIT 3 - UNCERTAINTY

https://drive.google.com/file/d/1oWV_z7brz7eb3ae4zGnDoimoRfRtlQJF/view?usp=sharing

UNIT 4 - LEARNING

https://drive.google.com/file/d/1oWV_z7brz7eb3ae4zGnDoimoRfRtlQJF/view?usp=sharing

UNIT 5- INTELLIGENCE AND APPLICATIONS

https://drive.google.com/file/d/1oWV_z7brz7eb3ae4zGnDoimoRfRtlQJF/view?usp=sharing

Name	P.RAVI
Designation &Department	ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY
Qualification	M.E(CSE)
Area of Specialization	CLOUD
Date of Joining (KSR IET)	COMPUTING04-08- 2022
Experience	
(as on 01.01.2023)	Teaching:3.0 Industry:00 Others: 00 years



Number of Papers National Journals : 00 International Journals 01

Published

Number of Papers National Conferences : 00 International Conferences 00

Presented

Books Published National Publisher : 00 International publisher 00

Contact Details E Mail: palanisamyravi1993@ksriet.ac.in Mobile: 7418328130

Publications (International Journals)

“Traffic Accident Severity Prediction Using Machine Learning And Deep Learning Model” in
“International Journal of Research Publication and Reviews”, Volume 3, Issue 6, 2022.

Faculty Development Program/ Workshops

- ☐ Attended FDP on Microsoft Power BI Data Analyst Associate
- ☐ Attended FDP on Android Development with kotlin (online Live FDP)
- ☐ Attend Workshop in Accelerated Data processing and Machine Learning(BOSTON Training)
- ☐ Celonis Business Process Mining Expert (online Live FDP)
- ☐ Idea Generation Methods (Online Live FDP)
- ☐ Microsoft Azure Fundamentals (Online FDP)
- ☐ Course Completion on AWS Academy Cloud Foundations
- ☐ Course Completion on Module 1:Orientation towards technical education and curriculum aspects of NITTT.
- ☐ Attended workshop on Python Programming in NIT, Raipur.
- ☐ Attended workshop on HTML5atAnnaUniversity, Chennai.

Subject link

COMPUTER NETWORKS :

- ☐ INTRODUCTION AND PHYSICAL LAYER : <http://bit.do/eGyvA>
- ☐ DATA-LINK LAYER & MEDIA ACCESS : <http://bit.do/eGyvM>
- ☐ NETWORK LAYER : <http://bit.do/eGyvT>
- ☐ TRANSPORT LAYER : <http://bit.do/eGyv6>
- ☐ APPLICATION LAYER : <http://bit.do/eGywb>

Name Mrs.K.SHANMUGHA PRIYA

Designation & Department ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY

Qualification M.E(CSE)

Area of Specialization Data Mining

Date of Joining (KSR IET) 01-08-2022



Experience (as on 18.9.2013) Teaching:2.6 Industry:00 Others: 00

Number of Papers Published National Journals : 00 International Journals 00

Number of Papers Presented National Conferences : 02 International Conferences 00

Books Published National Publisher : 00 International publisher 00

Contact Details E Mail: nandhinimecse05@ksriet.ac.in Mobile:9952607065

Publications (National Conferences)

1. Presented Database response policies to support our intrusion response system held at Vellalar college of Engineering,Erode
2. Presented Database response policies to support our intrusion response system held at J.K.K.N college of Engineering college

Subject link

C PROGRAMMING AND DATA STRUCTURES

https://docs.google.com/document/d/1eivYjL-BMdDGcp3EvvV33aUUL9WFBclBp/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

https://docs.google.com/document/d/1EVDe75zBLv7jlh3WL9tWTdt23fjzW47s/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

https://docs.google.com/document/d/1ME_hysCj_c8NBh45baAuegPXOdaOWNC/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

https://docs.google.com/document/d/149jMLUOIh6SgT9eu0KWZ7PjUkSff9Ky1/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

https://docs.google.com/document/d/193-oOpfNnVKOe2FkA2w2OIOTxD4Bdxub/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

OPERATING SYSTEM UNIT - I

INTRODUCTION

https://docs.google.com/document/d/10GDaYZz2GPdoaPg2mdjghWvbAExMzvjV/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

UNIT- II PROCESS MANAGEMENT

https://docs.google.com/document/d/1pUUtUh_fiAMpzz4p5Heuc98B6u131FqU/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

UNIT- III MEMORY MANAGEMENT

https://docs.google.com/document/d/1JWOx4C5MGe4X8NZTY-vKtjO7wVyDclv/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

UNIT IV STORAGE MANAGEMENT

https://drive.google.com/file/d/1BADOBwnARSlOKus0PkXfO4npa79iMH_2/view?usp=share_link

UNIT V VIRTUAL MACHINES AND MOBILE OS

https://docs.google.com/document/d/193-oOpfNnVKOe2FkA2w2OIOTxD4Bdxub/edit?usp=share_link&ouid=113272879745109711848&rtpof=true&sd=true

Name	Dr. B.Murugesan			
Designation & Department	Professor & Head- Chemistry			
Qualification	M.Sc., M.Phil., Ph.D., MISTE.,			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	04.06.2012			
Experience (as on 01.06.2020)	Teaching: 9 years 5 months	Industry:12 years 6 months	Others: 00	
Number of Papers Published	National Journals : 00		International Journals	06
Number of Papers Presented	National Conferences : 01		International Conferences :	00
Books Published	National Publisher : 00		International publisher	00
Contact Details	E Mail: rbmurrugesan@gmail.com		Mobile:9486152591	

Publications (International Journals) : 6

- **B. Murugesan**, A. Sivakumar, A. Loganathan and P.Sivakumar, Synthesis and photocatalytic studies of lanthanum oxide doped nano carbon hollow spheres, Journal of the Taiwan Institute of Chemical Engineers, 71, 2016, 364-372.doi:10.1016/j.jtice.2016.11.020.(**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, A review on decolourisation of dyes by photodegradation using various bismuth catalysts, Journal of the Taiwan Institute of Chemical Engineers, 45, 2014, 2300-2306.doi:10.1016/j.jtice.2014.07.003. (**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, Synthesis of ZnO nano wire and ZnO/CeO₂ solid solution nano wire by bio-morphing and its characterization, Journal of the Taiwan Institute of Chemical Engineers, 78, 2017, 462–470.doi:10.1016/j.jtice.2017.05.030. (**Impact factor : 5.876**)
- Loganathan, A. Sivakumar, **B. Murugesan** and P.Sivakumar, Solar Light Active CeO₂/rGo Hybrid Photocatalyst for Direct Violet 51 degradation, Rasayan Journal of Chemistry, Vol.12,No.4, 1710-1724, 2019. (**Impact factor : 1.23**)
- Loganathan, **B. Murugesan**, A. Sivakumar and P.Sivakumar, Acid Red 88 Dye Degradation by Green Synthesized CeO₂/rGO Nanohybrid Photocatalyst under Solar Light, Indian Journal Of

Environmental Protection, Vol.40, No.5, 518-526, 2020. **(Impact factor : 0.25)**

- Loganathan, A. Sivakumar, B. Murugesan and P.Sivakumar, Green Synthesis and Applications of Nano CeO₂/rGO Solar Active Photocatalyst for the Degradation of Basic Auramine-O Dye, Asian Journal of Chemistry, Vol 32, No.3, 528-538, 2020. **(Impact factor : 0.535)**

Publications (National Journals): Nil Publications

(International Conferences): Nil Publications

(National Conferences): 1

1. **B. Murugesan**, A. Sivakumar, A. Loganathan, P. Sivakumar, *Novel synthesis of various nano sized bismuth compounds and their impact on photocatalytic performances – A Review*, MoES Sponsored National conference on “Recent advances in Nanotechnology, Chemistry and Environmental Research (RANCER 2014)” held on 11th and 12th December 2014, organized by Department of Chemistry, Kongu Engineering College, Perundurai.

Name	Mrs. R. KAVITHA			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil., M.Ed., PGDCA.,			
Area of Specialization	Differential Equations			
Date of Joining (KSR IET)	01.09.2017			
Experience (as on 01.06.2022)	Teaching: 13 years 9 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: rkavitha.nikesh@gmail.com		Mobile: 9750039323	

T.NANDHINI

Komarapalyam

Namakkal District-638183

Mobile no: 9952607065/9865669709

Email Id:nandhinimecse05@gmail.com



CAREER OBJECTIVE

To work in a challenging environment where I can contribute with my skills for the growth of the Organization.

ACADEMIC CREDENTIAL

QUALIFICATION	INSTITUTION	YEAR OF PASSING	PERCENTAGE
M.E(CSE)	Institute of Road and Transport Technology,Erode	2018	7.8 CGPA FIRST CLASS
B.E(CSE)	Excel Engineering College, komarapalayam	2016	6.74CGPA FIRST CLASS
HSC	JKK Nattraja Matric Higher Secondary School,komarapalayam	2012	83% FIRST CLASS
SSLC	Holy Cross Matric Higher Secondary school, Komarapalayam	2010	61% FIRST CLASS

AREA OF INTEREST

- Object Oriented Programming.
- Python Programming
- Database Management System

TECHNICAL SKILLS

Languages	:	C, C++, JAVA, Python, JavaScript
Database	:	SQL
Operating System	:	Windows

TECHNICAL EXPOSURE

- Participated Seminar on “**PL/SQL**” from 25th to 26th February 2019 at J.K.K.Nattraja college of Engineering and Technology, 2019.
- Participated as one day National Workshop on “**Machine Learning**” organized by J.K.K.Nattraja college of Engineering and Technology, 2019
- Participated in a One day Faculty Development Workshop in “**Introduction to Python Programming**” organized by J.K.K.Nattraja college of Engineering and Technology, 2018.
- Presented a paper in the National level conference “**INNOVATION COMPUTING AND COMMUNICATION**”, ICC18 Organized by Sri shanmugha college of Engineering and Technology, Sankari
- Presented a paper in the International level Technical symposium on “**RECENT TRENDS INFORMATION AND TECHNOLOGY**”, Amarphens 2012” conducted in Excel college of technology, komarapalayam
- Participated in a two days ICT Academy conducted **Faculty Development Programming** in Mahendra Engineering college, Nammakal on **Introduction to python programming**
- Participated in a one day Centre of Image Creative Education conducted **Faculty Development Programming** in J.K.K Nattraja college of Engineering and technology

college, Komarapalayam on **Animation and Visual Effects in Web Designing**

PAPER PUBLICATIONS

Published a paper “Improving Energy Efficient in Wireless Sensor Network by using Artificial Neural Network”

paperid:IJISRT18JU57

INDUSTRIAL EXPOSURE

☐ Attended In plan Training Unique Technologies, Chennai-June,2015.

PROJECTS DETAILS

UG PROJECT:

Title: Efficient Data Gathering With Mobile Collector Using Multiple Cluster in WSN

Software Used: Visual studio 2005,SQL

Domain: Networking

PG PROJECT:

Title: Improving Energy Efficient in Wireless Sensor Network by using Artificial NeuralNetwork.

Software Used: VM-ware,NS2 simulation

Domain: Networking

PROFESSIONAL EXPERIENCES

Institution:J.K.K.Nattraja College of Engineering and Technology, Komarapalayam.

Designation:Assistant professor

Department:Computer Science and Engineering

Experiences:4 years(27.06.2018 to 30.06.2022)

PERSONAL QUALITIES

- Committed, Focused and Dedicated to the work.
- Able to adapt to any Environment.
- Ability to organize & work in a team
- Willingness to learn new technologies and explore them with new ideas.

PERSONAL DETAILS

Father'sname : Mr. K.Thangavel

Mother'sname :Mrs.T.Mohana

Dateofbirth : 15.05.1995

Gender :Female

PermanentAddress : 163/E8 west colony, Ammaiappan kovil opp,
Komarapalayam, Namakkal district- 638183

Nationality :Indian

MaritalStatus : UnMarried

Linguisticskills : Tamil and English [Can read, write and speak]

DECLARATION

I hereby declare that the above information given by me is true to the best of my knowledge.

.

DATE :

Yours faithfully,

PLACE : KOMARAPALAYAM

[**NANDHINI.T**]

Name	Dr. P. MURUGESAN			
Department	Mechanical Engineering			
Qualification	B.E. M.E., PhD.			
Area of Specialization	HEAT TRANSFER ENHANCEMNT			
Date of Joining (KSR IET)	01.08.2011			
Experience (as on 18.06.2020)	Teaching: 23Years 7 Months	Industry:NIL	Others: NIL	
Number of Papers Published	National Journals : 01 International Journals : 17			
Number of Papers Presented	National Conferences : 23 International Conferences : 11			
Books Published	National Publisher : 02 International publisher : NIL			
Contact Details	E Mail: hod_mech@ksriet.ac.in Mobile: 9944777862			

Publications (International Journals)

1. Murugesan, P., Mayilsamy, K. and Suresh, S. “Heat Transfer and Pressure Drop Characteristics of Laminar Flow in a Tube Fitted with Trapezoidal-Cut Twisted tape insert”, **International Journal of Emerging Technologies and applications in Engineering, Technology and Sciences**, Vol. 2, No. 2, pp. 780-784, 2009.
2. Murugesan P , Mayilsamy K., and Suresh S. “Heat Transfer and Friction Factor Studies in a Circular Tube Fitted with Twisted Tape Consisting of Wire-Nails, “**Chinese Journal of Chemical Engineering**” Vol. 18, No. 6, pp. 1038-1042, 2010. (Elsevier)
3. Murugesan, P. Mayilsamy,K, and S.Suresh,, “Turbulent Heat Transfer and Pressure Drop in a Tube Fitted with Square-Cut Twisted Tape”, **Chinese Journal of Chemical Engineering**, Vol.18, No.4, pp. 609-617, 2010. (Elsevier)

4. Murugesan, P., Mayilsamy, K., Suresh, S. and Srinivasan, P.S.S. "Heat Transfer and Pressure Drop Characteristics in a Circular Tube Fitted with and Without V-Cut Twisted Tape Insert", **International Communications in Heat and Mass Transfer**, Vol. 38, No. 3, pp. 329-334, 2011. (Elsevier)
5. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat Transfer in Tubes Fitted with Trapezoidal-cut and Plain Twisted Tape Inserts", **Chemical Engineering Communications**, Vol. 198, No. 7, pp. 886-904, 2011. (Taylor and Francis)
6. Murugesan, P., Mayilsamy, K. and Suresh, S., "Heat Transfer and Friction Factor in a Tube Equipped with U-Cut Twisted Tape Insert", **Jordan Journal of Mechanical and Industrial Engineering**, Vol. 5, No. 6, pp. 559-565, 2011.
7. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat Transfer in a Tube Fitted with Vertical and Horizontal Wing-Cut Twisted Tapes", **Experimental Heat Transfer**, Vol. 25, No.1, pp. 1-18, 2012. (Taylor and Francis)
8. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat transfer and pressure drop characteristics of laminar flow in a tube fitted with trapezoidal-cut twisted tape insert", **International Journal of Emerging Technologies and applications in Engineering, Technology and Sciences**, Vol. 2, No. 2, pp. 780-784, 2009.
9. Murugesan, P. and Nithiyesh Kumar, C. "Review on Twisted Tape Heat Transfer Enhancement", **International Journal of Scientific and Engineering Research**, Vol. 3, No. 4, pp. 780-784, 2012.
10. Murugesan, P., Mayilsamy, K., Rathanakumar, P., and Suresh, S. "Laminar Heat Transfer and Friction factor Characteristics of CNT/Water Nano Fluids", **Journal of Nano Science and Nano Technology**, 2013
11. Murugesan, P., Mayilsamy, K., Rathanakumar, P., and Suresh, S. "Experiments on Turbulent Heat Transfer and friction Factor in Reaction with Carbon Nano Tube Based Nano Fluids", **Journal of Mechanical and Materials Engineering**, Vol. 8, No-2, 2013
12. Murugesan, P., Mayilsamy, K., Rathanakumar, P., and Suresh, S. "Comparison of Heat Transfer and Friction Factor Characteristics of Carbon Nanotubes Based Nanofluids in a Circular Tube Fitted With Helical Screw inserts With Spacers", **Journal of Nanofluids**, Vol. 2, No-274-282, 2013
13. Murugesan, P., Mayilsamy, K., Rathanakumar, P., and Suresh, S. "Laminar Heat transfer and pressure drop in Tube Fitted With Helical Louvered Rod Inserts Using CNT/water Nanofluids", **Journal of Bio Nanoscience**, Vol. 8, No. 1-11, 2014.

14. Murugesan, P., Sasidaran, R., Vasanthakumar, R., “Study of Airflow Through Modified HVAC Ducts in a Multi Utility Vehicle using CFD software” **International Journal for Research in Mechanical Engineering**- ISSN-2349-3860 Vol-3: issue 04 2016.
15. Murugesan,P., “CFD Studies on Heat Transfer and Friction Factor Characteristics of a Double Pipe Heat Exchanger”, **International Journal of Science and Engineering**,Vol.1, Issue 1, ISSN-2454-2016, 2017
16. Murugesan,P., “Numerical Analysis of Fluid Flow and Heat Transfer in Single Tube Fin Arrangement of an Automotive Radiator”, **International Journal of Thermal Technologies**, Vol.9 ,No.1, ISSN-2277-4114, 2019
17. Murugesan, P., Mayilsamy, K., and Siva Subramaniam, A.P,“ Heat transfer and Friction Factor Characteristics of a Double Pipe Heat Exchanger fitted with Variant Plain Tape Insert”, **Thermal Science**, ISSN-2334-7163, Vol. 24, No. 1-pp 623-633, 2019.

Publications (National Journals)

1. Murugesan, P., Mayilsamy, K., Suresh, S. and Srinivasan, P.S.S “Experimental and CFD Studies on Heat Transfer Characteristics of a Double Pipe Heat Exchanger”, **Journal of Technological World**, Vol.11, No.3, pp.59-63, 2009.

Publications (International Conferences)

1. P. Murugesan, K. Mayilsamy and S. Suresh, "Heat Transfer Characteristics in the Horizontal Double Pipes with and without Twisted Tape Insert", in; S. Vijayrangan, I. Rajendran [Ed.], **Proceedings of the International Conference on Materials and Mechanical Engineering Recent Trends**, Narosa publishing [2009], pp 554-559
2. P. Murugesan, K. Mayilsamy and S. Suresh, "Heat Transfer and Pressure Drop Characteristics of Laminar Flow in a Double Pipe Heat Exchanger Fitted with and Without Full Length Twisted Tape Insert" **Advances in Mechanical and Building Sciences** in the 3rd Millennium, VIT University, Vellore, December 14&16th [2009], pp 25
3. P. Murugesan, K. Mayilsamy and S. Suresh, "Turbulent Heat Transfer and Friction Characteristic in a Tube Fitted With Plain Twisted Tape", **International Conference on Emerging Trends in Science, Engineering and Management**, K.S. Rangasamy College of Technology, December 22&24 [2010]
4. P. Murugesan, C. Nithiyesh Kumar, K. Mayilsamy and S. Suresh, "CFD Studies on Heat Transfer and Friction Factor Characteristic of a Tube With Horizontal Wing-Cut Twisted Tape Insert", **Proceedings of the International Conference on Advanced Mechanical and Building science**, [2012], pp 554-559.
5. P. Murugesan, "CFD Simulation of Horizontal Wing Twisted Tape Fixed in the Circular Tube", **Proceedings of the International Conference on Adaptive Technologies for Sustainable Growth**, [2015].
6. P. Murugesan, "Review of Simulation Studies of Heat Transfer Augmentation Techniques", **Proceedings of the International Conference on Modelling, Simulation and Control**, [2015].
7. P. Murugesan, "CFD Simulation of Heat Transfer Enhancement in Circular Tube with Twisted Tape Insert by using Nano Fluid", **Proceedings of the International Conference on Adaptive Technologies for Sustainable Growth**, [2016].
8. P. Murugesan, R. Sasidaran, R. Vasanthakumar, "Computational Study of Airflow Through Modified HVAC Ducts in a Multi Utility Vehicle", **Proceedings of the International Conference on Air Quality Management**, [2016]. (IIT MADRAS)
9. P. Murugesan, "Heat Transfer in a Tube Fitted with Trapezoidal Cut Twisted Tape", **Proceedings of the International Conference On Innovations in Science, Engineering and Technology For Sustainable Development - (DST-SERB Sponsored)**, [2018].

- 10.P.Murugesan, ,“CFD Analysis of Fluid Flow and Heat Transfer In Single Tube Fin Arrangement of an Automotive Radiator”, **Proceedings of the International Conference on Sustainable Materials**, [2019].
- 11.P.Murugesan, “CFD Analysis of Fluid Flow and Heat Transfer In Single Tube Fin Arrangement of an Automotive Radiator”, **Proceedings of the International Conference on Innovative Engineering Initiatives**, [2019].

Publications (National Conferences)

1. P.Murugesan, “Optimization of Flue Gas Temperature in Industrial Boiler”, Proceedings of the National Conference on **Advances in Mechanical and Production Engineering** in the era of globalization (AMPEEG-2005) [2005], pp 554-559
2. P.Murugesan, “Analysis of Flue Gas Duct Erosion Between AH and ESP using CFD”, **Proceedings of the National Conference on Emerging Trends in Design and Manufacturing -ETDM** [2006], pp 554-559
3. P. Murugesan, S.Jagadeeswaran, E.Jayabalaji, V.Prasanna Kumar, M.Vimal, “Analysis of Flue Gas Duct Erosion Between AH and ESP using CFD”, **Proceedings of the National Conference on Emerging Technologies in Mechanical Engineering** [2006], pp 105-108
4. P. Murugesan, K.Mayilsamy, R.Elangovan, A.Boobalan, M.Shanmugam,A.M.Suresh, P.T.Vinoth kumar, “Analysis of Heat Transfer Coefficient Of Nano-Fluids by using Fluent”, **Proceedings of the National Conference on Emerging Trends in Mechanical Engineering** [2007] pp 33-38
5. P. Murugesan, K.Mayilsamy, K.A.Ibrahim Sheriff, J.Narasimhaan, C.Karthikeyan, D.Karthik Ragha Vender, M.Madhan Kumar, “Analysis of Heat Transfer Rate of Water with and without Twisted Tape Insert in Double Pipe Heat Exchanger”, **Proceedings of the National Conference on Advances and Contemporaries in Mechanical Engineering (ACME)** [2008] pp 59
6. P. Murugesan, K.Mayilsamy, K.A.Ibrahim Sheriff, “CFD Analysis on Double Pipe Heat Exchanger With Twisted Tape Insert”, **Proceedings of the National Conference on Application of Emerging Technologies** [2008] pp 12.
7. P. Murugesan, K.Mayilsamy, J.Dhanasekaran, “Simulation Study of Heat Transfer and Pressure Drop Characteristics using Passive Techniques in Tube Heat Exchanger”, **Proceedings of the National Conference on Recent Advances in Mechanical Engineering**, [2009] pp 46.

8. P. Murugesan, K.Mayilsamy, J. Dhanasekaran, "Experimental and CFD Analysis on Thermal Performance of a Double Pipe Heat Exchanger, **Proceedings of the National Conference on Application of Emerging Technologies**, [2009] pp 23.
9. P. Murugesan, K.Mayilsamy, Sanal Rajendran, K.P.Ponnar, A.M.Santhosh, "Development of Correlation for Heat Transfer and Friction Factor in a Tube Fitted with Twisted Tape Insert for Turbulent Flow", **Proceedings of the National Conference on Recent Trends in Mechanical Engineering**, [2009] pp 6.
10. P. Murugesan, K.Mayilsamy, J.Dhanasekaran, "Simulation Study of Heat Transfer and Pressure Drop Characteristics using Passive Techniques in Tube in Tube Heat Exchanger", **Proceedings of the National conference on Optimization Techniques in Engineering Sciences and Technologies**, [2009] pp 43.
11. P. Murugesan, R. Surendiran, "Review of Passive Heat Transfer Augmentation Techniques", **Proceedings of the National Conference on Recent Advances in Mechanical Engineering**, [2010] pp 8
12. P. Murugesan "Heat Transfer and Friction Factor Prediction For Twisted Tape under Laminar Flow", **First National Level Conference on Trends and Developments in Aeronautics And Avionics**, [2011], pp.68-71
13. P. Murugesan, C.Nithiyesh Kumar, K.Mayilsamy, S.Suresh, "Review on Twisted Tape Heat Transfer Enhancement, **Proceedings of the National Conference Trends and Developments in Aeronautics And Avionics**, [2011] pp 18
14. P. Murugesan, C.Nithiyesh Kumar, "Numerical analysis on Horizontal Wing-Cut Twisted Tape for Laminar And Turbulent Flow, **Proceedings of the National Conference on Recent Advances in Mechanical Engineering**, [2012]
15. P. Murugesan, C.Nithiyesh Kumar, "Numerical analysis on Horizontal Wing-Cut Twisted Tape for Laminar and Turbulent Flow", **Proceedings of the National Conference on Chemical Engineering Processes in Environmental Applications** ,Anna University, Chennai, [2012]
16. P. Murugesan, C.Nithiyesh Kumar, "CFD Studies on Horizontal Wing-Cut Twisted Tape in a Tube for Laminar Flow, **Proceedings of the National Conference on Recent Advances in Mechanical Engineering** at Anna University, Chennai, [2012] pp 18
17. P. Murugesan, "Fabrication and Mechanical Properties of Cu-Coated Woven Carbon Fibers Reinforced Aluminium Alloy Composite, **Proceedings of the National Conference on Modern Trends in Mechanical Engineering**, [2014]

- 18.P.Murugesan, “Review of Heat Transfer Augmentation Techniques”, **Proceedings of the National Conference on Innovations in Engineering and Technology-(ISTE Sponsored), [2017].**

- 19.P.Murugesan, “Heat Transfer in a Tube Fitted With Vertical Wing Cut Twisted Tape Insert”, **Proceedings of the National Conference on Innovative Technologies in Mechanical Engineering, [2017].**

- 20.P.Murugesan, “Heat Transfer in a Tube Fitted With Horizontal Wing Cut Twisted Tape Insert”, **Proceedings of the National Conference on Innovative Technologies in Mechanical Engineering, [2017].**

21. P. Murugesan,”CFD Studies on Heat Transfer and Friction Factor Characteristics Of A Double Pipe Heat Exchanger” **Second National Level Conference Recent Advancements in Mechanical Engineering, [2018].**

22. P. Murugesan,” CFD analysis of fluid flow and Heat Transfer in single tube of automotive radiator” **Robotics and Automation Engineering, [2019].**

23. P.Murugesan, K.Mayilsamy, and A.P. Siva Subramaniam, ,“Experimental Investigation on Heat Transfer Enhancement in Double Pipe Heat Exchanger Using PT-SCA and PTT-SCA Twisted Insert Profile”, **Proceedings of the National Conference on Fluid Mechanics and Fluid Power, [2019].**

Books /Instruction materials/monographs published

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Unconventional machining processes	Dr.P.Murugesan Dr.P.Gopinath	M.G.Publications	2016
2.	Basic civil and Mechanical Engineering	Dr.P.Murugesan Dr.P.Gopinath	Anuradha Publications	2017

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	8.11.2012	9.11.2012	Heat Exchangers and its Applications	CSIR &Rs 250000/-
2.	3.03.2016	04.03.2016	Recent Development in Prosthesis Materials & its Challenges in Medical Applications	ICMR & Rs40000/-
3.	18.6.2018	23.6.2018	Low cost automation for agriculture enhancement using MEMS	AICTE-ISTE& Rs 300000/-

Membership in Professional Bodies

- **Member in Indian Society for Technical Education (ISTE) - Life Member (LM 42947)**
- **Member in Society in Mechanical Engineer (MSME) – Life Member (M/FR**

091055) Awards and Recognitions

- **Best Paper Award** for “CFD analysis on double pipe heat exchanger with twisted tape insert
“in 5th National conference on Application of Emerging Technologies organized by ISTE
chapter, Adhiyamaan College of Engineering, Hosur.
- **Best ISTE SECRETARY AWARD 2010-** from ISTE, New Delhi
- **Best ISTE SECRETARY AWARD 2019-** from ISTE, New Delhi
- **Accreditation and Outcome Based Learning, NPTEL Online Certification with Elite + Silver grade**
- **Sir M VISVESVARAYA AWARD 2020 -from Society for Aerospace And Mechanical Engineering Professionals (SAMP) 5th National Level Convention, 2020**

Subject Links

1. Unconventional Machining Process

[https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional Machining Process](https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process)

Name	Dr.P.GOPINATH			
Designation & Department	ASSISTANT PROFESSOR & MECHANICAL ENGINEERING			
Qualification	B.E., M.E., MBA., Ph.D.			
Area of Specialization	CAD			
Date of Joining (KSR IET)	01.07.2011			
Experience (as on 01.01.2018)	Teaching:19	Industry: NIL	Others: NIL	
Number of Papers Published	National Journals 02	International Journals 02		
Number of Papers Presented	National Conferences : 11	International Conferences : 09		
Books Published	National Publisher 02	International publisher : NIL		
Contact Details	E Mail: gopipalani@ksriet.ac.in Mobile: 9500998458			

Publications (International Journals)

1. P. Gopinath, A.Mohanraj & P. Suresh “Investigation of mechanical properties of jute fiber epoxy reinforced composites using Taquchi method” International Journal of Tierarztliche Praxis, Vol-9:Issue-3 ISSN-0303-6286.
2. P. Gopinath, & P. Suresh, 2018, „Effect of Jute Reinforcement Parameters on Mechanical Properties of Composite Structures“, Journal of Testing and Evaluation, <https://doi.org/10.1520/JTE20170531>.
ISSN 0090 - 3973. (Impact Factor – 0.669) ANNEXURE I & SCI - INDEXED JOURNAL
3. P. Gopinath, & P. Suresh, 2014, „Mechanical Behaviour of Fly Ash Filled, Woven Banana Fiber Reinforced Hybrid Composites as Wood Substitute“, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 4, Issue 2, Apr 2014,
111- 116. SCOPUS

INDEXED.

Publications (National Journals)

1. P. Gopinath,” Modelling and Analysis of thrust force and Torque in Drilling Natural FRP Composites”, Proceeding of the national Journal for science and Technology (Tech Scripts), pp 56.
2. P. Gopinath,” Smart Agricultural Farm using IOT (Internet of Things)”, Proceeding of the International Journal of Engineering Science and Computing, ISSN 2250-1371, Vol 9 Issue No.3 March 2019.

Publications (International Conferences)

1. P. Gopinath, “Analysis of Thrust Force and Torque in Drilling Natural FRP Composites”, Processing of the international conference on Advance in Civil and Mechanical Engineering in (ACME-2014).
2. P. Gopinath, “Delamination Analysis of Jute Fiber Composites”, Proceedings of the international conference on Modelling, Simulation and Control in (ICMSC-2015).
3. P. Gopinath, “Eco friendly Characterization of Composite Materials”, Proceedings of the international conference on Innovative Engineering Skills in (ACETIC-2014).
4. P. Gopinath, “Investigation of Mechanical Properties and behaviour of Stir Cast AL-alloy based Composites”, Proceedings of the international conference on Civil, Mechanical, Chemical Engineering and Technologies - 2018 in (ICCMCT - 2018).
5. P. Gopinath, “Characterization of Jute – Epoxy Reinforced Composites”, Processing of the international Conference on Innovations in Science, Engineering and Technology for Sustainable Development in (ISETSD-2018).
6. P. Gopinath, “Optimization of Mechanical Properties using Ridge Gourd, Sisal and Jute Fibres”, Processing of the international Conference on Innovations in Science, Engineering and Technology for Sustainable Development in (ISETSD-2018).
7. P. Gopinath, “Jute Fibre and Ridge Gourd, Composites using Vinyl ester”, Proceedings of the international Conference on Advanced Manufacturing and Automation in (INCAMA-2018).
8. P. Gopinath, “Smart Agricultural Farm using IOT (Internet of Things)”, Proceeding of the international Conference on Innovative Engineering Initiatives in (ICIEI-2019).
9. P. Gopinath, “Soil Testing for Smart Agriculture using Arduino UNO”, Proceeding of the international Conference on Sustainable Materials in (ICSM-2019).

Publications (National Conferences)

1. P. Gopinath, “Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composities”, Proceeding of the national Conference on Mechatronics and Mechanical Systems in (NCMMS-2013).
2. P. Gopinath, “Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composities”, Proceeding of the national Conference on Recent Trends in

- Engineering and Technology in (NCRTET-2013).
3. P. Gopinath, “Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composites”, Proceeding of the national Conference on Emerging Trends in Engineering and Technology in (ETET-2014).
 4. P. Gopinath, “Development of Fracture Fixation Plate using Natural Composite Materials”, Proceeding of the national Conference on Modern Trends in Mechanical Engineering in (MTME-2014).
 5. P. Gopinath, “Comparison of Thrust Force and Torque in Drilling Composite Materials by Experimental Analytical and Fuzzy Logic”, Proceeding of the national Conference on Recent Inventions in Dynamic Engineering in (RIDE-2015).
 6. P. Gopinath, “CFD Combustion Analysis of Hydrogen Supplement with Diesel Fuel in CI Engine”, Proceeding of the national Conference on Computational Fluid Dynamics Applications in Biotechnology Process in (DST-2015).
 7. P. Gopinath, “Failure Analysis in Composite Material Using Lamb wave Methods”,
Proceedings of the ISTE Sponsored National conference on Innovations in Engineering and Technology (NCIET-2017).
 8. P. Gopinath, “Green Manufacturing Analysis in Composite Material”, Proceedings of the ISTE Sponsored National conference on Innovations in Engineering and Technology (ITME-2017).
 9. P. Gopinath, “Optimization of Mechanical Properties Using Ridge guard, Sisal and Jute Fibres”, Proceeding of the Project Expo ENTHIRA – 17 Sponsored by SOCIETY OF AEROSPACE AND MECHANICAL PROFESSIONALS (SAMP).
 10. P. Gopinath, “Design and Analysis of Heavy Vehicle Head Light Frame Using Banana Fibre Composite Material.” Proceeding of the Project Expo ENTHIRA – 17 Sponsored by SOCIETY OF AEROSPACE AND MECHANICAL PROFESSIONALS (SAMP).
 11. P. Gopinath, “Study on Performance Analysis of IC Engine Fins”, Proceeding of the national Conference on Energy & Environment in (NCONEE-2018).

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishin
1.	Unconventional machining processes	Dr.P.Murugesan Dr.P.Gopinath	M.G.Publications	2016
2.	Basic civil and Mechanical Engineering	Dr.P.Murugesan Dr.P.Gopinath	Anuradha Publications	2017

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

1. Two days National Seminar on “Consumables through Composites Processing and Preparation” during 6th January to 7th January 2012. at Kongu Engineering College, Perundurai.
2. Three days Workshop on “Hands on Training on Modelling and Simulation using MATLAB – Simu link and Soft Tools” during 14th September to 16th September 2012. At Kongu Engineering College, Perundurai.
3. Two days National Seminar on “Heat Exchanger and its Applications”, 8th November & 9th November, 2012 at K S R Institute for Engineering and Technology, Tiruchengode
4. Three days National Symposium on Acoustics “Design and Analysis of Flexible Carping”, 5th December to 7th December, 2012 at K S R Institute for Engineering and Technology, Tiruchengode.
5. One day National Seminar on “Characterization and Applications of Composite Materials”, 10th March, 2014 at N.S.N College of Engineering and Technology, Karur.
6. One day Seminar on “Writing Effective Research Paper (S) and Thesis”, 19th July 2014 at K S R College of Engineering, Tiruchengode.
7. One-week Faculty Development Training Programme on “ME2036- Production Planning and Control”, 17th December to 23rd December 2014 at Karpagam College of Engineering, Coimbatore.
8. One day Workshop on “Composite Materials and its Technology Innovation”, 22nd July 2015 at Karpagam College of Engineering, Coimbatore.
9. One day Workshop on “Intelligent Product Design and Manufacturing”, 24th August 2015 at Karpagam College of Engineering, Coimbatore.
10. One day Workshop on “Robotics in Industrial Automation (RIA-2015)”, 20th November 2015 at Karpagam College of Engineering, Coimbatore.
11. One day Workshop on “Environmental Pollution and Control (EPC-2015)”, 21st November 2015 at Karpagam College of Engineering, Coimbatore.
12. One day Workshop on “Safety and Security in Automobiles (SSA-2015)”, 24th November 2015 at Karpagam College of Engineering, Coimbatore.
13. Two days Workshop on “Manufacturing Process and Applications of Advanced Composite Materials”, 14th and 15th February 2017 at Karpagam College of Engineering, Coimbatore.
14. One day International Workshop on “Writing and Publishing Research Papers in High Impact Factor Journals” 17th August 2017 at Hindustan College of Engineering and Technology, Coimbatore.
15. One day National Workshop on “Applications of Mathematical Modelling and Simulation in Engineering Problems”, 31st August 2017 at Muthayammal Engineering College, Rasipuram.
16. One day National Seminar on “Human Factors and Ergonomics in Healthcare and

- Patient Safety”, 14th September 2017 at Muthayammal Engineering College, Rasipuram.
17. Two days National Seminar on “Recent Advances in Cryogenics and its Industrial Applications”, 6th October & 7th October 2017 at Muthayammal Engineering College, Rasipuram.
 18. One day Workshop on “Tips for writing research proposals, journal papers and patent filing”, 27th February 2018 at K S R Institute for Engineering and Technology, Tiruchengode.
 19. One-week Faculty Development Programme on Fundamentals of “Pedagogy in Engineering education”, 14th May to 19th May 2018 at Karpagam College of Engineering, Coimbatore.
 20. One-week Faculty Development Training Programme on “ME6701- Power Plant Engineering”, 4th June to 10th June 2018 at Gnanamani College of Technology, Namakkal.
 21. Three days Workshop on “Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes”, 19th November to 21st November 2019 at K S R Institute for Engineering and Technology, Tiruchengode.
 22. Three days Research Conclave on “Testing and Evaluation of Mechanical Properties on Jute Fibre Plain Woven Fabric Composite Structures”, conducted by Teaching Learning Centre, CIT Coimbatore January 2020. RSC ID – 33, Track ID – MS – 429 Dated: 10.01.2020, 2.30PM to 5.00PM.

Awards and Achievements

Name of the Award	Organizatio
Best	JCI,
Best Supervisor	The Institution of Engineers (India)
Best Faculty Advisor	The Institution of Engineers (India)

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 42264)

Subject Links

- 1.Unconventional Machining Process
[https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconv
entional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZA hWMso8KH](https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconv+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZA hWMso8KH)

Name	AMARNATH M			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	B.E., M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	03.06.2013			
Experience (as on 01.03.2020)	Teaching: 7 Years 9 Months	Industry:1 Year	Others: NIL	
Number of Papers Published	National Journals : NIL International Journals 01			
Number of Papers Presented	National Conferences: 01 International Conferences : 02			
Books Published	National Publisher : NIL International publisher : NIL			
Contact Details	E Mail: tmamar@ksriet.ac.in Mobile: +91 9790021118			

Publications (International Journals)

1. S. Karthick, A.V.T. Shubhash, M. Amarnath, Dr. P. Kulandaivelu, “Modeling and Analysis Car wheel Rim by Using Peek Material”, International National Journal for Scientific Research & Development, Vol. 3, Issue 03, 2015 | ISSN (online): 2321-0613.

Publications (International Conferences)

1. M.Amarnath, “Investigation of Failed Spur Gear”, International Conference & Exhibition on Total Engineering, Analysis & Manufacturing Technology, TEAMTech 2009, November 2009.
2. M.Amarnath “Modeling and Analysis of Car Rim by Using Peek Material”, International Conference on Advanced Engineering and Technology for Sustainable Development, Karpagam College of Engineering, March 2015.

Publications (National Conferences)

1. M.Amarnath, “Metallurgical Analysis on a Failed EN-353 Steel Spur Gear”, National Conference on Recent Advancements in Mechanical Engineering 2010, K.S.Rangasamy College of Technology, January 2010.

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)

Subject Links

1. Unconventional Machining Process

<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZQQ6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>

2. Dynamics of Machines

https://books.google.co.in/books?id=YI7vAwAAQBAJ&printsec=frontcover&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false

Name	S.BALAMURUGAN			
Designation& Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.			
Area of Specialization	MANUFACTURING SYSTEMS AND MANAGEMENT			
Date of Joining (KSR IET)	03.06.2013			
Experience (as on 31.05.2020)	Teaching: 11 years 4 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals	03
Number of Papers Presented	National Conferences: 01		International Conferences : 01	
Books Published	National Publisher : Nil		International publisher	: Nil
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Publications (International Journals) 03

1. S.Balamurugan,” Performance analysis of ceramic and carbide cutting tools in machining of EN36”, International journal of science and Engineering, Vol-1: Issue-1 ISSN-2454-2016
2. S.Balamurugan,” Design and Analysis of Mixed Flow Pump Impeller”, South Asian Journal of Engineering and Technology, Volume: 04 Issue: 06 2019
3. S.Balamurugan,, “Preparation and Characterisation of Bio-Diesel Extraction from Waste Cooking Oil”, International Journal of Engineering Science and Computing , Volume: 9 Issue: 3 2019

(International Conferences) 01

1. S.Balamurugan, R.A.Sachin, “Effect of Speed, Feed and Depth of Cut on surface roughness of OHNS steel during Hot Turning” International Conference in Magna on Emerging Engineering Trends” ICMEET 2k13, 10-13 April 2013 at Magna College of Engineering – Chennai
Publications (National Conferences) 01
2. S.Senthilkumaran, S.Balamurugan, S.Rajendra Boopathy, “Investigation into the Effect of Shot Size and Field Strength on the Cooling Rate of Magnetic Molding of Lm6 Al Alloy

Casting” National Conference on Advances in Robotics, Precision Engg., and Manufacturing Techniques AIRPAM 2008, 13-14 march 2008 at Madras Institute of Technology – Chennai.

Training Offered

- o Hands on Training on “CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR”
during 09.01.2016 to 13.01.2016
- o Hands on Training on “Measuring Instruments”

Membership in Professional Bodies

Indian Society for Technical Education (ISTE)- Life Member

Subject Links

<https://www.google.co.in/books/edition/Mechatronics/295zNfZaDYyC?hl=en&gbpv=1>

Name	P. CHAKRAVARTHI			
Designation & Department	AP & MECHANICAL			
Qualification	M.E			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	02.06.2014			
Experience (as on 31.05.2020)	Teaching: 9 years	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals	04
Number of Papers Presented	National Conferences : 02		International Conferences : 01	
Books Published	National Publisher : Nil		International publisher :	Nil
Contact Details	E Mail: chakravarthime@ksriet.ac.in Mobile : 9750554605			

Publications (International Journals)

1. P.Chakaravarthi, Abuthaker.A, Arun.S, Karthikeyan.U “Design and Performance Analysis of handy harvester” International Journal of Advance Research And Innovative Ideas In Education (ISSN(o): 2395-4396, paper Id: 1832) Volume- 2 issue-2 2016
2. Chakravarthi P, Shankar Ram R, Vasanth S, Tarun Chouhan S, Vishwanthan M S Characterization of Biodiesel Extracted from Cotton Seed Oil blended with Diesel EPH International Journal of Science and Engineering (ISSN: 2454 – 2016) Special Issue No.1, Volume -1 Recent Advancements in Mechanical Engineering - RAME'18
3. P. Chakravarthi, A. Karthikeyan, P. Kumar, R. Prakash, G. Karthik “Analysis of Reinforced Natural Fiber Cement Composites Roofing tiles” International Journal of Engineering Science and Computing, March 2019 (ISSN: 2321-3361) (20674 -20677) Volume 9 Issue No.3
4. P.Chakravarthi, D.Adhishankaran, S.Ajith Kumar, S.Gaby Sachin, B.Giridharan, “Profile Drag Analysis Of Sedan Car Using Computational Fluid Dynamics” International Journal of Engineering Science and Computing, March 2019 (ISSN: 2321-3361) (20259 -20263) Volume 9 Issue No.3

Publications (International Conferences)

1. P.Chakravarthi , “Modeling and Simulation control” proceedings of the International Conference, Karpagam College of Engineering, Coimbatore on 15th and 16th October 2015.

Publications (National Conferences)

1. P.Chakravarthi , “Tribological Analysis of Aluminum (LM4) composites reinforced with alumina particulates” proceedings of the National Conference, KSR College of Engineering , Thiruchengode on 11 February 2011.
2. P.Chakravarthi, Thermal Distribution Analysis on Surface Coated Cutting Tool Using ANSYS 13.0” proceedings of the National Conference, KSR Institute for Engineering and Technology, Tiruchengode, 10 Apr 2013.

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	30.03.2016	04.06.2016	Recent Developments in Prosthesis Materials and its Challenges in Medical Applications	ICMR & Rs.40,000/-

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Product development ,part programming code generation and Machining of Mini Lift Gear Box	SMW Hydraulics India
2	Product development, part programming code generation and Machining of Mixer drive shaft	United Manufacturing India

Training Offered


- Hands on Training on “ADVANCEMENT IN CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR” during 29 & 31st July 2015.
- Hands on Training on “CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR” during 09.01.2016 to 13.01.2016.

Membership in Professional Bodies

Indian Society for Technical Education (ISTE) - Life Member (LM 99904)

Subject Links

Sl. No	Subject name	Subject material Link
1	Fluid Mechanics and Machinery	https://drive.google.com/file/d/1A7f7WRNT2f15w3fo4InCNr85kRBLlLfV/view?usp=sharing
2	Process planning and cost estimation	https://drive.google.com/file/d/1xlGMOSS3yeVBFnge1ouHHhi_JgZvzCX9/view?usp=sharing
3	Automobile Engineering	https://drive.google.com/file/d/1ZZ4VAF9DJI5Ca18aUlq2L8YvVCL7cJtw/view?usp=sharing

Name	Dr. P. KANAKARAJAN			
Department	Mechanical Engineering			
Qualification	B.E. M.E., Ph.D.,			
Area of Specialization	PRODUCTION TECHNOLOGY & ACOUSTIC EMISSION TECHNIQUE			
Date of Joining (KSR IET)	01.04.2021			
Experience (as on 30.06.2021)	Teaching: 29 Years 10 Months	Industry: 00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals 03			
Number of Papers Presented	National Conferences : 00 International Conferences : 00			
Books Published	National Publisher : 00 International publisher : 01			
Contact Details	E Mail: kanagu.dhana@ksriet.ac.in Mobile: 9842555119			

Title of Ph.D. Thesis

: Experimental investigation on surface roughness of machined alumina and simultaneous wear of silicon carbide grinding wheel by using acoustic emission technique.

Faculty in which Ph.D. was awarded

: Faculty of Mechanical Engineering

Recognized Ph.D. Supervisor

□ Anna University Supervisor Ref. No.: 3320071, Chennai – 600 025, Tamil Nadu, INDIA.

Publications (International Journals)

1. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Sathishkumar, P 2015, „Acoustic emission testing of surface roughness and wear caused by grinding of ceramic materials“, Materials Testing, vol. 57, no. 4, pp. 337-342.
2. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Venkatachalam, R 2016, „Acoustic emission testing of the machining performance of SiC grinding wheel shaped Al₂O₃ ceramics“, Materials Testing, vol. 58, no. 10, pp. 908-912.
3. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Venkatachalam, R 2017, „Prediction of the surface roughness and wheel wear of modern ceramic material (Al₂O₃) during grinding using multiple regression analysis model“, Indian Journal of Engineering & Materials Sciences, vol. 24, June 2017, pp. 182-186.

Books / Instruction materials / monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	“Electrochemical Super Capacitors Fabricated by the Layer-by-Layer (LbL) Technique”	P.Kanagarajan C.Moganapriya, P. Sathish Kumar & Samir Kumar Pal	Materials Research Forum LLC 26 (doi.org/10.21741/9781945291579-8), Chapter 8, pp. 236 – 262.	2018

NPTEL Online Certification Course:

1. „Fundamentals of Manufacturing Processes“, P. Kanakarajan, Jul – Oct 2019, for successfully completed with Elite from Indian Institute of Technology, Roorkee.

Patents:

1. Accident Prevention System by Electromagnetic Bumper, Patent filled on 03.12.2019, Intellectual Property India, Government of India. Application No: 201941049644. Reference No: E-2/38872019-CHE.

Membership of Professional Bodies:

- Life Membership, Indian Society for Technical Education (ISTE) India.
- Life Membership, MIE.

List of Short Term Courses Organized:

Sl. No.	Details of Short term Courses/Conferences Organized
1.	Coordinator for a workshop on “Advanced IC engines”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, during 23 – 24, February 2017.
2.	Coordinator for a workshop on “Environmental Sustainability through Research and Development”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 09, September 2016.
3.	Coordinator for a workshop on “Automotive Engine and Vehicle Technology” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 12 August 2015.
4.	Coordinator for a workshop on “Present Scenario of Automobile Industries” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 10 January 2015.
5.	Coordinator for a National Level Technical Symposium conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 22 August 2014.
6.	Coordinator for a one day seminar on “Recent Trends in Automobile Electronics” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 07 October 2013.
7.	Coordinator for a one day seminar on “Latest Technologies in Automobile Industries”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 19 January 2013.
8.	Coordinator for a one day seminar on “Best Practices in Automobile Industry”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 04 July 2012.

9.	Coordinator for a workshop on “New Frontiers in Research Computing”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, during 03 – 04, February 2012.
10.	Coordinator for a one day seminar on “Vehicle Dynamics and Testing”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 28 January 2012.
11.	Coordinator for a one day seminar on “Emission Control Methods and Norms for Automotive Vehicles”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 20 December 2011.

List of Short Term Courses Attended:

Sl. No.	Details of Short term Courses/Seminars/Workshops Attended
1.	A webinar on “Latest Developments in Robotic & Manual MIG Welding Systems” conducted by the Siemens Centre of Excellence in Manufacturing, NIT, Trichy, Trichy in association with AMAR Tech, Bangalore & Kemppi India Ltd on 03.06.2021.
2.	5 - Days online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by AICTE from 14 – 18 June 2021.
3.	The online webinar on “Composite in Precision Engineering” organized by Department of Mechanical Engineering, BIST, BIHER, Chennai and Department of Mechanical and Manufacturing, UKM, Malaysia on 05 th June 2021.
4.	MHRD sponsored Faculty Development Programme on “Fundamentals of manufacturing processes” organized by NPTEL-AICTE from July 2019 to October 2019.
5.	One day workshop on “Outcome Based Education” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 01 November 2018.
6.	A National level workshop on “Big data analytics, Artificial Intelligence, Machine learning and Deep Learning” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 31 October 2018.
7.	A One Day National level workshop on “Writing Successful Proposal to Funding Agencies” organized by K.S.R. Institute For Engineering and Technology, Thiruchengode, Namakkal, Tamilnadu on 31 August 2018.
8.	A National level Workshop on “Industrial Automation using – PLC program” organized by Department of Mechanical Engineering, Nandha College of Technology, Erode, Tamilnadu from 02 August to 03 August 2017.
9.	One day seminar on “Patent Filing in India and other Countries” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 08 August 2016.
10.	A International level workshop on “Journal Paper Writing and Preparation of Winner Research Proposal” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu from 19 August to 20 August 2016.
11.	A National level Workshop on “Blooms Taxonomy and its Assessments” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 20 March 2015.

Name	K.GOPALAKRISHNAN			
Designation& Department	ASSISTANT PROFESSOR&MECHANICALENGINEERING			
Qualification	M.E			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	01.06.2015			
Experience (as on30.05.2020)	Teaching: 5 Years 3 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals 04	
Number of Papers Presented	National Conferences: Nil		International Conferences : 04	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	E Mail:kgkrishnan91@ksriet.ac.in		Mobile: +91 -9442822032	

Publications (International Journals)

1. K.Gopalakrishnan, Design and Fabrication of Automatic box Packing Machine published in International Journal of Advanced Research Methodology in Engineering and Technology (IJARMET) Volume 4, Issue 1, February 2020 ISSN 2456 -6446.
2. K.Gopalakrishnan, Optimization of Cutting parameters in Turning of Aluminium 7075 alloy using RSM – IJESC (ISSN: 2321- 3361) Volume No 9 Issue No. 3 2019.
3. K.Gopalakrishnan, Optimization of Cutting parameters in Milling of Aluminium 7075 alloy using Response surface Methodology –International Journal of Science and Engineering (ISSN: 2454-2016) Volume No 1 2018.
4. K.Gopalakrishnan, Optimization of Cutting parameters in Drilling of Aluminium 7075 alloy using Response surface Methodology –International Journal of Science and Engineering (ISSN: 2454-2016) Volume No 1 2018.

Publications (International Conferences)

1. Presented a paper titled on “Design and Fabrication of Automatic box Packing Machine” International Conference on science, Technology, Engineering and Management ICSTEM 20,


Dr. Kalam Institute of Engineering Research, Coimbatore.

2. Presented a paper titled on “Design and Fabrication of coconut Dehusking Machine” International Conference on science, Technology, Engineering and Management ICSTEM 20, Dr. Kalam Institute of Engineering Research, Coimbatore.
3. Presented a paper titled on “Optimization of Cutting parameters in Turning of Aluminium 7075 alloy using RSM International Conference on Innovative Engineering Initiatives (ICIEI 2019) at Nandha College of Engineering, Erode.
4. Presented a paper titled on “Optimization of cutting parameters in milling of Aluminium 7075 alloy using RSM International Conference on Innovative Engineering Initiatives (ICIEI 2019) at Nandha College of Engineering, Erode.

Membership in Professional Bodies

Nil

Subject Links <https://drive.google.com/drive/folders/1FFXCtSzeakt-Kdl8Tvw2mczCfFhP9KrV?usp=sharing>
<https://drive.google.com/file/d/1aYSpOWoxjpXe5tN2NUjxmXK44yd5rxNx/view?usp=sharing>

Name	P.MANIKANDAN			
Department	MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04-08-2011			
Experience (as on 30.05.2020)	Teaching: 9 Years, 6 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil	International Journals	02	
Number of Papers Presented	National Conferences: 05	International Conferences	: 02	
Books Published	National Publisher : Nil	International publisher	: Nil	

Contact Details	E Mail: maniksriet@ksriet.ac.in Mobile: 9944715534
------------------------	--------------------------------------------------------------------------------------------------------

Publications (International Journals) .

1. P.Manikandan, “ Design and Analysis of Parallel Hybrid Two Wheeler” International Journal of Engineering Science and Computing, Vol-9:Issue-3 ISSN-2321-2019, (Impact Factor – 5.611)
2. P.Manikandan, “Design and Performance Analysis of P2H Electric Vehicle” International Research Journal of modernization in Engineering Technology and Science, Volume:02/Issue:03/March-2020,

Publications (National Journals)

Nil

Publications (International Conferences)

1. P.Manikandan,“Designandmodificationoffixturetoavoidsealdamageandoilleak in engines”, in international conference on advances on biotechnology, civil & Mechanical Science(ICABCMS-2017) Selvam College of Technology, March 2017.

Publications (National Conferences)

1. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, Proceedings of the National Conference on Advances in Mechanical Engineering (NCAME- 2010)MahendraEngineeringCollege, April2010.
2. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, National conference on Recent Advances in Mechanical Engineering (RAME 2010), K.S.Rangasamy College of Technology, Tiruchengode
3. P.Manikandan,“Design and Fabrication of Composite Spur Gear Using Coir Fiber” National conference on Recent Advances in Mechanical Engineering 2015 (RAME 2015), K.S. Rangasamy College of Technology, April2015.
4. P.Manikandan,“Fracture Behaviour Analysis of Fly Ash Composites”, National conference on Recent Inventions in Dynamic Engineering 2015 (RIDE 2K15), Mahendra Institute of Engineering and Technology, March 2015.
5. P.Manikandan,“Hydraulic Activated Mono Suspension”, National conference on Emerging Trend in Engineering and Technology 2017 (ETET 2K15), Gnanamani College of Technology, March2017.
6. P.Manikandan,“Analysis of P2H Vehicle”, National conference on Advances Technologies on Aerospace & Mechanical Engineering, CSI College of Engineering, January 2020.

Funded Programmes Organized(Seminar/Conference/Workshop/FDP/STTP/Other)

S.No.	Date		Topic/Title	Funding agency and Amount Sanctioned
	From	To		
1.	8.11.2012	9.11.2012	Heat Exchangers and its Applications	CSIR & Rs 30,000/-

Training attended

1. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
2. Training on Compressor dismantling and assembling held at ELGI Equipments Ltd, Erode.
3. Faculty Development Program on Advanced CNC and Automation Tools held at K.S.Rangasamy College of Technology, &organized by MTAB Technology Center on December 2014.
4. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
5. Workshop on Environmental Pollution and Control held at Karpagam College of Engineering on November 2015.
6. Workshop on Safety and Security in Automobile held at Karpagam College of Engineering on November 2015.
7. Workshop on Robotics in Industrial Automation Karpagam College of Engineering on November 2015.
8. Seminar on Human factors and Ergonomics in Health care and Patient Safety held at Muthayammal Engineering College, on September 2017.
9. Seminar on Recent Advances in Cryogenics and Industrial Application shield at Muthayammal Engineering College, on October 2017.
10. Workshop on Tips for Writing research proposals, journal papers and patent filing held on February 2018.

Membership in Professional Bodies

1. Indian Society for Technical Education(ISTE)-Life Member (LM77215)

Subject Links

1. https://www.google.co.in/books/edition/Engineering_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover
2. https://www.google.co.in/books/edition/Engineering_Drawing_And_Graphics_+_Autocad/93bf_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover
3. https://www.google.co.in/books/edition/A_Textbook_of_Strength_of_Materials/2IHEqp8dN_WwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover
4. https://www.google.co.in/books/edition/Power_Plant_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover

Name	J.Mathan			
Department	Mechanical Engineering			
Qualification	M.E			
Area of Specialization	Computer Aided Design			
Date of Joining (KSR IET)	01-06-2016			
Experience (as on 01.01.2016)	Teaching:4.2 Years	Industry: NIL	Others: NIL	
Number of Papers Published	National Journals : NIL		International Journals	03
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher : NIL		International publisher	: NIL
Contact Details	E Mail: my.mathan@ksriet.ac.in		Mobile: 9698199798	

Publications (International Journals)

1. V. Manimaran, S.Vigneshwaran, S. Sakthivel, J. Mathan and S.Tamilvanan, “Studies on Microstructures and Processing of Ss409m Sheet”, IJAR Int. J. Adv. Res. 5(4), 586-591
2. V.Manimaran,J Mathan,E.Thirumoorthy ,A.Kumaravel’ “Studies on Cutting Performance of Plasma Spray Coated Swing Hammer”, International Journal of Innovative Research in Technology, Science & Engineering (IJRTSE), ISSN: 2395-5619, Volume – 2, Issue – 5
3. J.Mathan, L.Ashwin, P.Bharath, P.Dharani Shankar, P.V.Jackson “Aero Dynamic Analysis of Multi Winglets in Light Weight Aircraft”, SSRG-IJME, ISSN:2348-8360, pp-12-19.

Subject Links

1. Mechatronics

<https://drive.google.com/drive/folders/1UJmtHhS-BpOhWE53v7K6EA9dmUa5wlS>

2. Unconventional Machining Processes

<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZQQ6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>

Name	A.MOHANRAJ			
Designation & Department	Assistant Professor & Mechanical Engineering			
Qualification	M.E.			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04.08.2011			
Experience (as on30.05.2020)	Teaching: 9Years, 6 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals	01
Number of Papers Presented	National Conferences : 02		International Conferences : Nil	
Books Published	National Publisher : Nil		International publisher	: Nil
Contact Details	E Mail:mohanrajksriet@gmail.com Mobile:9952555077			

Publications (International Journals)

1. A.Mohanraj, "Investigation of mechanical properties of jute fiber epoxy reinforced composites using Taquchi method" International Journal of Tierarztliche Praxis, Vol-9:Issue-3 ISSN-0303-6286

Publications (National Conferences)

1. A.Mohanraj, "Fracture Behaviour Analysis of Fly Ash Composites", National conference on Recent Inventions in Dynamic Engineering 2015 (RIDE 2K15), Mahendra Institute of Engineering and Technology, March 2015.
2. A.Mohanraj, "Hydraulic Activated Mono Suspension", National conference on Emerging Trend in Engineering and Technology 2017 (ETET 2K15), Gnanamani College of Technology, March 2017.

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	SHAFT AND GEAR MACHINING	United CAD Solution - Salem

Training attended


1. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
2. Faculty Development Program on Advanced CNC and Automation Tools held at K.S.Rangasamy College of Technology, & organized by MTAB Technology Center on December 2014.
3. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
4. Workshop on Environmental Pollution and Control held at Karpagam College of Engineering on November 2015.
5. Workshop on Safety and Security in Automobile held at Karpagam College of Engineering on November 2015.
6. Workshop on Robotics in Industrial Automation Karpagam College of Engineering on November 2015.
7. Seminar on Human factors and Ergonomics in Health care and Patient Safety held at Muthayammal Engineering College, on September 2017.
8. Seminar on Recent Advances in Cryogenics and Industrial Application shield at Muthayammal Engineering College, on October 2017.
9. Workshop on Tips for Writing research proposals, journal papers and patent filing held on February 2018.

Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE) - Life Member (LM77214)

Subject Links

1. https://www.google.co.in/books/edition/Engineering_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover
2. https://www.google.co.in/books/edition/Engineering_Drawing_And_Graphics_+_Autoc/yOY93bf_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover
3. https://www.google.co.in/books/edition/A_Textbook_of_Strength_of_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover
4. https://www.google.co.in/books/edition/Power_Plant_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover

Name	Dr. M.SIVAKUMAR			
Designation & Department	ASSOCIATE PROFESSOR & MECHANICAL ENGINEERING			
Qualification	M.E., Ph.D			
Area of Specialization	IC Engines, Alternative Fuels			
Date of Joining (KSR IET)	01.07.2022			
Experience (as on 30.06.2022)	Teaching: 14 Years	Industry: 5 Years 10 Months	Others: NIL	
Number of Papers Published	National Journals : NIL International Journals : 05			
Number of Papers Presented	National Conferences: 01 International Conferences : 01			
Books Published	National Publisher : NIL International publisher : 01			
Contact Details	E Mail: kpmshiva@ksriet.ac.in Mobile: +91 9944651425			

Publications (International Journals)

1. Senthil Kumar, M.S, **Sivakumar, M**, Rameshkumar, R, Avinash A. (2022) Towards improved performance and lower exhaust emissions using exhaust gas recirculation coupled compression ignition engine fuelled with nanofuel blends. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, **Published online: 13.02.2022. (Impact factor–3.447)**
2. **Sivakumar, M**, Shanmugasundaram, N, Rameshkumar, R. (2020) ‘Investigation on effects of the exhaust emission characteristics of diesel engine fuelled with mahua oil methyl esters and its blends with diesel’. International Journal of Automotive Engineering and Technologies, Vol. 9, no. 1, pp. 20-28.
3. **Sivakumar, M**, Shanmugasundaram, N, Rameshkumar, R, Syed Thasthagir, M. (2018) Effects of Aluminium oxide nanoparticles blended Pongamia Methyl Ester on Performance, Combustion, and Emission Characteristics of Diesel Engine. Renewable Energy, Vol. 116, pp. 518-526. **(Impact factor – 8.001)** (Elsevier Publications)
4. **Sivakumar, M**, Shanmugasundaram, N, Rameshkumar, R, Syed Thasthagir, M. (2018) ‘Effects of Nanoparticles Blended Biodiesel on Single Cylinder CI Engine’, Material Today:Proceedings, Vol. 5, pp. 6831-6838. (Elsevier Publications)

5. **Sivakumar, M**, Shanmugasundaram, N, Rameshkumar, R, Syed Thasthagir, M. (2017) Effects of Pongamia Methyl Esters and its Blends on a Diesel Engine Performance, Combustion, and Emission Characteristics. Environmental Progress & Sustainable Energy, Vol. 36, no.1, pp. 269-276. (**Impact factor – 2.431**) (John Wiley & Sons Publications)

Publications (National Journals)

NIL

Publications (International Conferences)

1. **Sivakumar, M**, Shanmugasundaram, N, Rameshkumar, R, Syed Thasthagir, M. (2017) Effects of Nanoparticles Blended Biodiesel on Single Cylinder CI Engine. International Conference on Emerging Trends in Materials and Manufacturing Engineering, National Institute of Technology, Tiruchirappalli, 10-12 March 2017.

Publications (National Conferences)

1. **Sivakumar, M**. (2018) Comprehensive Review of Biodiesel as an Alternative Fuel for CI Engine. National Conference on Science, Engineering, Technology and Management, Annapoorana Engineering College, Salem in association with The Institution of Engineers (India), Salem Local Center, Salem, 25 January 2018.
2. **Sivakumar, M**. (2015) Optimization of Biodiesel Production from Karanja oil. National level Conference on Recent Trends in Civil & Mechanical Engineering, RTCME'15, Annai Mathammal Sheela Engineering College, Namakkal, Tamilnadu, 28 March 2015.

Books /Instructionmaterials/monogramspublished


S. No.	Title of the Book	Author's Name	Publisher	Year of Publication
1.	Effectives of Additives on the Performance and Emission Attributes of Diesel engines	Dr.M.Sivakumar Dr.N.Shanmuga Sundaram	IGI Global book series, Engineering Science Reference, an imprint of IGI Global (ISBN 9781799825401)	2020

Details of Patents

S. No.	Patent Title	Name of Applicants	Patent No.	Award Date	Agency/ Country	Status
1.	Fully Automatic Commercial line vehicle assembly line system	Dr.M.Sivakumar Dr.R.Rameshkumar Dr.P.Kanakarajan	202241007000 A	09-02-2022	INDIA	Published
2.	Fabrication of E Vehicle with reverse gear mechanism and cruise control system	Dr.M.Sivakumar	202241033467	13-06-2022	INDIA	Filed
3.	Fabrication of Motorized Tri Cylinder Air Compressor	Dr.M.Sivakumar	202241033660	13-06-2022	INDIA	Filed
4.	Accident Prevention System by Electromagnetic Bumper	Dr.R.Rameshkumar Dr.P.Kanakarajan Dr.M.Sivakumar M.Syed Thasthagir S.Soundararajan	201941049644	03-12-2019	INDIA	Filed

Membership in Professional Bodies

- Life Membership, Indian Society for Technical Education (ISTE) India – LM 74482.
- Life Membership, International Association of Engineers (IAENG) - 218563

Name	S.RAHUL	
Department	Mechanical Engineering	
Qualification	M.E	
Area of Specialization	Computer Aided Design	
Date of Joining (KSR IET)	03-06-2017	

Experience (as on 16.06.2020)	Teaching:6 Years	Industry: Nil	Others: nil
Number of Papers Published	National Journals : 01 International Journals 01		
Number of Papers Presented	National Conferences : 04 International Conferences : 03		
Books Published	National Publisher : nil International publisher : nil		
Contact Details	E Mail: kevin.rahul40@gmail.com Mobile: 9942686279		

Publications (International Journals)

1. Paper entitled "Investigation And Improving Impact Strength Of Hybrid Composites On Two Wheeler Side Box" is now accepted for oral presentation and also publish in Journal indexed by Scopus and Anna University Annexure-II by pay additional charges along with registration fee. Paper ID - AMESHE – 313

Publications (National Journals)

1. Tribological Behaviour of Aluminum Hybrid Metal Matrix Composite Reinforced With Coconut Shell Ash and Egg Shell Ash”, Rahul.S¹, Praveen Kumar.S², Saran.K³, Velmurugan.T, Vijay Anand.G

Publications (International Conferences)

1. Presented a paper titled on “Design And Analysis Of Helical Spring Using Composite Materials” International Conference on Innovative Engineering Initiatives (ICIEI 2019) at SRM TRP Engineering College Trichy.
2. Presented a paper titled on “Design and Analysis of Stretcher with Portable Bed” International Conference on Computer, Civil, Electronical, Electronics, Mechanical and Management I3C2E2M 2017, Sri Sai Ranganathan Engineering College, Coimbatore.
3. Paper entitled "Investigation And Improving Impact Strength of Hybrid Composites On Two Wheeler Side Box" is now accepted for oral presentation and also publish in Journal indexed by Scopus and Anna University Annexure-II by pay additional charges along with registration fee. Paper ID - AMESHE – 313

Publications (National Conferences)

1. Presented a paper titled on “Tribological study of aluminum nano particles” in National conference on emerging trends in mechanical engineering at KSR

College of technology, Namakkal.

2. Presented a paper titled on “Fabrication of Tri Engine Compressor at Nandha College of engineering, Coimbatore sponsored by ISTE, ISME & JOET.
3. Participated in the one day national level national conferences held on “characterization and application of composite materials” conducted by N.S.N College of Engineering and Technology, Karur.
4. Participated in a national level conference on “Recent Advancement In Mechanical Engineering” conducted by K.S.Rangasamy College of Technology, Tiruchengode.

Subject Link

1. <https://drive.google.com/drive/folders/1UJmtHhS-BpOhWE53v-7K6adA9dmUa5wlS?usp=sharing>
2. <https://www.google.co.in/books/edition/Robotics/295zNfZaDYYC?hl=en&gbpv=1>
3. <https://nptel.ac.in/courses/119/104/112104121/>

Name	R.VASANTHAKUMAR			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	THERMAL POWER			
Date of Joining (KSR IET)	03-06-2013			
Experience (as on 31.01.2020)	Teaching :15 Years 6 Months	Industry : Nil	Others : Nil	
Number of Papers Published	National Journals : Nil		International Journals : 05	
Number of Papers Presented	National Conferences : 03		International Conferences : 05	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	Email : mrvasanth@ksriet.ac.in Mobile : 9865019515			

Publications (International Journals)

1. **R.Vasanthakumar**, Design and analysis of formula-3 frame, International Journal of Engineering Science and Computing Vol-9:Issue-3, ISSN-2321-2019
2. **R.Vasanthakumar**, Heat transfer enhancement of solar water heater using various tape inserts, International journal of science and Engineering Vol-1: Issue-1 ISSN-2454-2016
3. R.Sasidaran, P.Murugesan, **R.Vasanthakumar**, Study of airflow through modified

HVAC ducts in a multi utility vehicle using CFD software-International journal for research in mechanical engineering-Vol-3: issue 042016.

4. AVT Shubhash, **R.Vasanthakumar** , CFD Investigation of Heat Transfer Enhancement in Flat Plate Solar Collector using Various Cross Sectional Inserts- IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 03, 2015 | ISSN (online): 2321-0613
5. AVT Shubhash, **R.Vasanthakumar** , CFD analysis of flat plate solar collector for heat transfer enhancement using various insets International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19(2015)

Publications (International Conferences)

1. R.Vasanthakumar, P.Navaneethakrishnan, **Study of heat transfer through solar water heater with various inserts**, proceedings of the International Conference in Synergistic Evolutions in Engineering(ICSEE), Surya Engineering college, Erode on 04 & 05th March2015.
2. R.Vasanthakumar, P.Navaneethakrishnan, **CFD analysis of solar water heater with various inserts**, proceedings of the International Conference on evolution of Topical InMechanical Engineering (e-TIME 2016) at Vidyaa Vikas College of Engineering and Technology, Tiruchengode on 12th April2016.
3. R.Vasanthakumar, P.Navaneethakrishnan, **Enhancement of Heat transfer in solar water heater with nano fluids**, proceedings of the International Conference on Advancement in Science, Engineering, Technology & Management-2016 (ICASETM“16) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 16th April2016.
4. R.Vasanthakumar, P.Navaneethakrishnan, **“Analysis of Heat Transfer through Solar Water Heater with various inserts”** International conference on Advancements in Science, Engineering, Technology & Management-2017 (ICASETM“17) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 25th March
2
0
1
7
.
5. R.Vasanthakumar, **“ Heat and Friction Factor Characteristics of variant twistedtape fitted in a double pipe heat exchanger”** International conference on Modern Engineering, Science and Technology held at Dr.Kalam Institute of Engineering Research, Chennai on 17th February 2020.

Publications (National Conferences)

1. R.Vasanthakumar, **Integration of Renewable and non renewable fuels for environmental friendly analysis**, Proceedings of the national Conference on Development-Cum-Environment Friendly Future Industrial Fuels (DEFIF), Kumaraguru college of Technology, Coimbatore. [2005] pp45-48
2. R.Vasanthakumar, **Modeling of Generator in vapour absorption**

Refrigeration system, Proceedings of the national conference on advances in Mechanical Engineering (AIMS), Sengunthar College of Engineering, Tiruchengode [2010] pp110-115.

3. R.Vasanthakumar, S.Ravi, **CFD based thermal analysis of hotel kitchen Environment for Ergonomics Designs**, Proceedings of the national conference on advances in civil and mechanical engineering (ACME), Sengunthar College of Engineering, Tiruchengode [2012]pp67-72.

Membership in Professional Bodies

Indian Society for Technical Education (ISTE) - Life Member (LM77215)

Subject Link

(Renewable Energy Sources)

1. <https://drive.google.com/file/d/1SejSj2LNNdiAh3tdvH9BH36QqaksWwEg/view?usp=sharing>
2. <https://drive.google.com/file/d/14jUdG131VhpOxhxAqZXw-B33M3lJSYhg/view?usp=sharing>
3. <https://drive.google.com/file/d/1cFr8-Z4sBVYQCMxEUnzsTAlf4OSpr6hd/view?usp=sharing>

Name	G.VENKATESH			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.,(Ph.D.,)			
Area of	FRICTION STIR WELDING			
Date of Joining	01-08-2022			
Experience	Teaching:2 Years	Industry:00	Others: 03	
Number of Publications	National Journals : 00 International Journals : 00			
Number of Publications	National Conferences : 00 International Conferences : 00			
Books Published	National Publisher : 00 International publisher : 00			
Contact Details	E Mail:venkat92@ksriet.ac.in Mobile: 9791524984			

Publications (International Journals)

Nil

Publications (National Journals)

Nil

Publications (International Conferences)

Nil

Publications (National Conferences)

Nil

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of
1.	Nil			

Funded Research Projects

S.No	Title of the Project	Name of the Funding	Amount Sanctioned (Rs.)	Role
1.	Nil			

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Tonic / Title	Funding agency and
	From	To		
1.			Nil	

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Nil	

Training Offered Nil

Membership in Professional Bodies

- MISTE - Member of Indian Society for Technical Education


Name	Dr. N KUMARAVEL			
Designation &	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil., SET, P.hd.,			
Area of Specialization	Graph Theory and Fuzzy Graph Theory			
Date of Joining (KSR IET)	01.06.2015			
Experience (as on 01.06.2020)	Teaching: 9 years 9 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 16	
Number of Papers Presented	National Conferences : 04		International Conferences : 02	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: kumaramaths@gmail.com		Mobile: 9698277170	

Publications (International Journals)

1. N. KUMARAVEL & M. RAMAKRISHNAN, “**On Regular Strong Fuzzy Graphs**”, CiiT International Journal of Fuzzy Systems, Issue: December 2011, ISSN: 0974 – 9608 (IF – 0.441).
2. K. RADHA & N. KUMARAVEL, “**The Degree of an Edge in Cartesian Product and Composition of Two Fuzzy Graphs**”, International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), ISSN: 2319 – 3972, Vol. 2, Issue 2, May 2013, 65 – 78, © IASET (IF (JCC) – 2.6305).
3. N. KUMARAVEL & S. PRABHA, “**Complement and μ -Complement of a Regular Fuzzy Graph**”, International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), ISSN: 2319 – 3972, Vol. 2, Issue 4, Sep. 2013, 1 – 14, © IASET (IF (JCC) – 2.6305).
4. K. RADHA & N. KUMARAVEL, “**The Degree of an Edge in Union and Join of Two Fuzzy Graphs**”, International Journal of Fuzzy Mathematical Archive, ISSN: 2320 – 3242(P), 2320 – 3250 (Online), Vol. 4, No. 1, March 2014, 8 – 19 (IF (ISRA) – 1.137).
5. K. RADHA & N. KUMARAVEL, “**The Degree of an Edge in Alpha Product, Beta Product and Gamma Product of Two Fuzzy Graphs**”, IOSR Journal of Mathematics, ISSN: 2319- 765X (P), 2278-5728 (Online), Vol. 10, Issue 5 Ver. II, Sep- Oct. 2014, 1 – 19 (IF (AQJ) – 3.97).
6. K. RADHA & N. KUMARAVEL, “**On Edge Regular Fuzzy Graphs**”, International

- Journal of Mathematical Archive, ISSN: 2229 – 5046, Vol. 5, No. 9, Sep. – 2014, 100 – 112 (IF (SJIF 2012) – 4.908, IC Value – 5.09).
7. K. RADHA & N. KUMARAVEL, **“Edge Regular Property of Tensor Product and Normal Product of Two Fuzzy Graphs”**, International Journal of Fuzzy Mathematical Archive, ISSN: 2320 – 3242(P), 2320 – 3250 (Online), Vol. 7, No. 2, Jan. 2015, 135 – 145 (IF (ISRA) – 1.137).
 8. K. RADHA & N. KUMARAVEL, **“On Edge Regular Bipolar Fuzzy Graphs”**, Annals of Pure and Applied Mathematics, ISSN: 2279 – 087X(P), 2279 – 0888 (Online), Vol. 10, No. 2, Oct. 2015, 129 – 139 (IF (ISRA) – 2.117).
 9. K. RADHA & N. KUMARAVEL, **“Edge Regular Property of Alpha Product, Beta Product and Gamma Product of Two Fuzzy Graphs”**, IOSR Journal of Mathematics, ISSN: 2319- 765X (P), 2278-5728 (Online), Vol. 11, Issue 4 Ver. III, Jul.-Aug. 2015, 70 – 88 (IF (AQ CJ) –3.97).
 10. K. RADHA & N. KUMARAVEL, **“Edge Regular Property of Complement and $\bar{\alpha}$ -Complement of a Fuzzy Graph and Edge adjacency Sequence in Fuzzy Graph”**, International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on- line version), Volume 107, Number 3, 2016, url: <http://www.ijpam.eu>, doi: 10.12732/ijpam.v107i3.15, 673 – 682 (IF – 4.6).
 11. K. RADHA & N. KUMARAVEL, **“Edge Regular Property of Cartesian Product and Composition of Two Fuzzy Graphs”**, International Journal of Mathematics and Soft Computing, ISSN: 2249 – 3328 (printed version); ISSN: 2319 – 5215 (on-line version), Vol.6, Number 2, 2016, 21 – 32 (IF: 5.120 (Cosmos)).
 12. K. RADHA & N. KUMARAVEL, **“The Edge Degree and The Edge Regular Properties of Truncations of Fuzzy Graphs”**, Bulletin of Mathematics and Statistics Research (BOMSR), ISSN: 2348 – 0580, Volume 4, Issue 3, 2016, 7 – 16 (IF – 4.495 (SJIF)).
 13. K. RADHA & N. KUMARAVEL, **“On Edge Regular Fuzzy Line Graphs”**, International Journal of Computational and Applied Mathematics (IJCAM), ISSN: 1819 – 4966, Volume 11, Number2, 2016, 105 – 118.
 14. K. RADHA & N. KUMARAVEL, **“The Degree of an Edge in Subdivision, Middle and Total Fuzzy Graphs with their Edge Regular Properties”**, International Journal of Scientific Research (IJSR), ISSN: No 2277 – 8179, Volume 5, Issue 9, September 2016, 153 – 165 (IF – 3.508, IC Value – 69.48).
 15. K. RADHA & N. KUMARAVEL, **“On Edge Regular Square Fuzzy Graphs”**, International Journal of Applied Mathematical Sciences, ISSN: 0973 – 0176, Volume 9, Number 2, 2016, 169 – 176.
 16. K. RADHA & N. KUMARAVEL, **“On Edge Regular Antipodal Fuzzy Graphs”**, International Journal of Mathematics And its Applications (IJMAA), ISSN: 2347 – 1557, Volume 4, Issue 2–D, 2016, 67–74 (IF – 0.564).

Name	Dr. S.Agiladevi	
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Designation & Department	Professor & Chemistry			
Qualification	M.Sc., M.Phil., Ph.D., MISTE.			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	22.08.2015			
Experience (as on 01.06.2020)	Teaching:14 years 11 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 02	International Journals	05	
Number of Papers Presented	National Conferences : 06	International Conferences :	Nil	
Books Published	National Publisher : 00	International publisher	00	
Contact Details	E Mail: agilakarmega@gmail.com		Mobile:9994743365	

Publications (International Journals) :


05

1. S.Agiladevi., S.Rajendran., Corrosion Behaviour of 18carat gold in Ringer solutions in the presence of sodium chloride and glucose, *European Chemical Bulletin.*, 2020, 9(2), 69-74.
2. S.Agiladevi., Susai Rajendran., J. Jeyasundari., M.Pandiarajan., Corrosion resistance of metals in simulated ringer solution-A., *European Chemical Bulletin.*, 2013, 2(2), 84-87.
3. S.Agiladevi., S.Rajendran., Corrosion Behaviour of Metals in Ringer Solution-A. Studied by Electrochemical Impedance Spectroscopy., *Chem. Sci Rev Letters.*, 2014, 3(12), 791- 798.
4. S.Agiladevi., S.Rajendran., Electrochemical studies on the corrosion behaviour of metals and alloys in simulated Ringer's solution., *Rasayan Joutnal of Chemistry.*, 2019, 12 (1), 22 – 31.
5. S.Gowri., J.Sathiyabama., S. Rajendran., Z. Robert Kennedy., S. Agiladevi., *Chem.sci.trans.*, 2013, 2(1), 275-281.
6. S.Agiladevi ., S.Rajendran., Investigation of Sodium Triphosphate – Zn^{2+} system as corrosion inhibitor for stainless steel in sea water-EE15, 2012.
7. S.Agiladevi., S.Rajendran., Inhibition of corrosion of carbon steel by PVC Zn^{2+} system - EE8, 2013.

Publications (National Conferences: 06)

1. Presented paper about on “Corrosion Control” at Sri Vasavi Arts and Science College, Erode on 13.09.2015.
2. A Two Days National level seminar on “Corrosion control ,,” at SRM Institute, Chennai on 13.09.2012 & 14.09.2012.
3. A Two Days National level seminar on “Corrosion control and surface Engineering” at National Institute of Technology, Trichy on 23.02.2013 & 24.02.2013.
4. Attended Two Days National Convention in Corrosion at PSGR Krishnammal Arts and Science College, Coimbatore on 25.09.2014 & 26.09.2014.
5. Attended One Day National Level Seminar on Environmental Pollution at Mahendra Engineering College, Tiruchengode on 15.02.2015.
6. Attended National Level Seminar on Nano Material Science and Technology at Mahacollege of Engineering, Salem on 12.09.2016.

Membership in Professional Bodies**Indian Society for Technical Education (ISTE) - Life Member**

Name	MOHAN. P			
Designation & Department	ASSISTANT PROFESSOR OF ENGLISH			
Qualification	M.A., M.PHIL,			
Area of Specialization	ENGLISH			
Date of Joining (KSR IET)	06.01.2015			
Experience (as on 01.06.2020)	Teaching:11.8	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 02	

Books Published	National Publisher 00 International publisher 00
Contact Details	E Mail: litmohans@gmail.com Mobile: 9965848971

Publications (International Journals)

NIL

Publications (National Journals)

NIL

Publications (International Conferences)

1. **P. Mohan, “Search for Identity in D. H. Lawrence’s *The Plumed Serpent*”,** International Research conference on Gender Conflicts as Evident in Contemporary English Literature, KG College of Arts and Science, Coimbatore, 13th February, 2017.
2. **P. Mohan, “Battle of Life and Death in Ernest Hemingway’s *The Old Man and the Sea*”,** International Seminar on Nautical Literature, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.

Membership in Professional Bodies

- **English Language Teachers’ Association of India (ELTAI) – Member (30009207)**



**GOVERNMENT OF TAMILNADU
DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE**

OCCUPATION CERTIFICATE (குடியேறும் சான்றிதழ்)

(Given Under Sec 26, 33 of TNPH Act 1939)

Certificate No:13079/A4/2017

Date: 9 .01.2018

This is to certify that the building of K.S.R.Institute for Engineering and Technology situated at the S.F.No:206, 202/2, 202/3, 202/4, 205/1, 202/1, K.S.R.Kalvi Nagar, Thokkavadi Post, Tiruchengode Taluk, Namakkal District is provided with water, Sanitation, Drainage facility as per requirement of the TNPH Act 1939 and fit for occupation. This Certificate is given with the following conditions.

1. The Certificate is valid for this Building only on S.F.No:206, 202/2, 202/3, 202/4, 205/1, 202/1 of Building.
2. On inspection water, sanitation, drainage, septic tank facility to be maintained properly.
3. If any New Building/Additional Building is built separate certificate should be obtained for that.
4. No sullage, sewage should be let out in street or in any other water course.
5. The Building should not be a place for Fly Nuisance.
6. The Building should not be a place for Mosquito Nuisance.
7. The Building should not be a place of infective disease like ADD, Cholera and other Communicable Diseases.
8. The solid waste should be disposed hygienic method
9. If swimming pool is maintained it should be free from infection.
10. If the building is not properly maintained the certificate is liable to be cancelled.



Signature :

Designation : **Deputy Director of Health Services
Namakkal.**

Signature :

Designation : **Block Health Supervisor,
Tiruchengode Block,
Govt. Primary Health Centre,
ERAYAMANGALAM-637 210**



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare*

*K S R Institute for Engineering and Technology
K.S.R. Kalvi Nagar, Tiruchengode, Dist. Namakkal, affiliated to Anna University,
Tamil Nadu as
Accredited*

*with CGPA of 3.35 on four point scale
at A⁺ grade
valid up to April 04, 2027*

Date : April 05, 2022



S. C. Srinivas
Director



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : K S R Institute for Engineering and Technology

Place : K.S.R. Kalvi Nagar, Tiruchengode, Dist. Namakkal, Tamil Nadu

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point ($Cr WGP_i$)	Criterion-wise Grade Point Averages ($Cr WGP_i / W_i$)
I. Curricular Aspects	100	345	3.45
II. Teaching-Learning and Evaluation	350	1196	3.42
III. Research, Innovations and Extension	110	260	2.36
IV. Infrastructure and Learning Resources	100	391	3.91
V. Student Support and Progression	120	385	3.21
VI. Governance, Leadership & Management	092	305	3.32
VII. Institutional Values and Best Practices	100	376	3.76
Total	$\sum_{i=1}^7 W_i = 972$	$\sum_{i=1}^7 (Cr WGP_i) = 3258$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3258}{972} = \boxed{3.35}$$

Grade = A⁺

Date : April 05, 2022



S.C. Dharma
Director

- This certification is valid for a period of Five years with effect from April 05, 2022
- An institutional CGPA on four point scale in the range of 3.51 - 4.00 denotes A⁺⁺ grade, 3.26 - 3.50 denotes A⁺ grade, 3.01 - 3.25 denotes A grade, 2.76 - 3.00 denotes B⁺⁺ grade, 2.51 - 2.75 denotes B⁺ grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 33-370/2017-NBA

Date 14-06-2022

To
The Principal
K S R Institute for Engineering and Technology,
K.S.R. Kalvi Nagar, Tiruchengode- 637 215,
Namakkal District, Tamil Nadu

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier-II offered by K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu.

Sir,

This is regarding Compliance Report submitted by K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2019-20 to 2021-22 whose validity of accreditation would expire on 30.06.2022.

2. An Expert Team conducted data verification of the programs on 7th May, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electrical & Electronics Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Information Technology		Accredited		
3.	Electronics & Communication Engineering		Accredited		
4.	Computer Science & Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.


4. The programs have been granted accreditation for further 3 years. K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu should submit fresh online application through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd./...

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy each of Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,


(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1.Copy each of Report of the Visiting Team in respect of the programs.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State