

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

ANNUAL REPORT 2018-2019

K S R Institute for Engineering and Technology was erected in the year 2011 by the man of great insight, Thiru. R. Srinivasan, the younger son of Lion Dr. K.S. Rangasamy as the third engineering college. The institute offers five under graduate programmes:

1. B.E. Mechanical Engineering
2. B.E. Electronics and Communication Engineering
3. B.E. Computer Science and Engineering
4. B.E. Electrical and Electronics Engineering and
5. B.Tech. Information Technology

and four post graduate programmes:

1. M.E. Computer Science & Engineering
2. M.E. Embedded Systems Technology
3. M.E. CAD/CAM and
4. M.E. Software Engineering

Totally 1266 students are educated in our institute at present.

Faculty:

The institute has qualified and experienced faculty members. All the departments are spearheaded by well experienced faculty members. The institute functions with 123 teaching and 32 non-teaching faculty members. The faculty student ratio is 1:11.


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NBA Accreditation:


In a nutshell it is more satisfying year for each one of us. I am most delighted to let you know that our college has undergone NBA accreditation process in the first week of February 2019 for all the under graduate programmes. Though very young, within a short span of seven year the institute has managed to complete the NBA accreditation process and awaiting accreditation. A big thank you to all the Principals, faculty members, students and staff who participated in the process and rendered their great support in projecting the excellences of KSRIET to the expert committee members.

Best Practice:

KSRIET is making progress towards providing the best in class learning environment by adopting the best practices and innovative pedagogical tools. For evidence, AICTE has selected our institute as one of the best colleges in the category of "Best Practices in AICTE approved institutions". We are very proud to be one among the 29 colleges selected by AICTE in India and 4 colleges in Tamil Nadu.

Industry Supported Laboratories:

The technological updates and hands on experience have to be imparted to the students to make them aware of the industry expectations. This is made possible by establishing industry supported laboratories. The Institution has established laboratories in association with five organizations: EMC2 (DELL), Bengaluru, Oracle Academy, Bengaluru, VMWare Software India Pvt. Ltd., Bengaluru, Amazon Web Services, Chennai and ABE Semiconductor Designs, Chennai.


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Through the Centre of Excellence on Signal and Image Processing, the Department of ECE has established TEXAS Instrument Laboratory in association with STEPS knowledge services, Coimbatore & Texas Instrument India Private Ltd, Bangalore. The department has established CISCO Incubator Laboratory in association with Avatar Academy - Networking and Security by signing an MoU. The department has established Project and Research Lab in association with Enthru Technology Solution India Pvt. Ltd.

KSR Centre of Excellence for IOT aims at providing skill sets focused on individual talent based training in IOT field that is customized to the current demands of industrial requirements and job market. It offers a range of core training programmes to our students to best endurance and getting opportunities at the end of their degree completion based on an endowment. It offers final year students projects, new product development through research and development and industrial consultancy services.

The Department of CSE has established Advanced Microprocessor and Microcontroller Laboratory in association with ABE Semiconductor Designs, Chennai and an MoU has been signed to share information, infrastructure and exchange of faculty. The department has also signed an MoU with RED HAT Academy Bombay. VIRTUSA has established Centre of Excellence in our institute on CRM & Testing. It will provide better prospectus in placement recruitment and it will make the students industry ready by uplifting the quality of the students. MS Dynamics and Siebel tool trainings are provided in CRM. Training in Selenium Automation Tool and manual testing are given in testing.

Aspire Systems has also established Center of Excellence in our institute. Training on Java, Web development, Testing and .net are given to the students to hire, train and deploy through virtual internship to make them deployable from day one.


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Achievements in the University Examinations:

The teaching faculty, whose untiresome effort towards the focused vision accomplished the mission, is the primitive stage. The institute has been crowned in Anna University results. The dynamic and eagerness towards learning with creativity under the guidelines of the faculty mould the students themselves to reach great heights in academic performance.

Odd Semester Results:

In the Department of CSE, 187 students appeared and 107 students have passed. The department has got 57.21 pass percentage. The Department of EEE has given 56.68 pass percentage. Out of 187 students appeared for the exam, 106 have passed. The Department of ECE has given 63.93 percentage. Out of 280 students, 179 have passed. The Department of Mechanical Engineering has given 62.62 percentage. Out of 428 students, 268 have passed. The Department of IT has got 58.78 pass percentage. Out of 165 students appeared, 97 have passed. In M.E. CSE, 02 out of 02 have passed. So, the pass percentage is 100. In M.E. SE, 02 out of 02 have passed. So, the pass percentage is 100. In M.E. EST, out of 03 students 02 have passed. Hence, the pass percentage is 66.67.

Even Semester Results:

In the Department of CSE, 190 students appeared and 125 students have passed. The department has got 65.78 pass percentage. The Department of EEE has given 70.80 pass percentage. Out of 274 students appeared for the exam, 194 have passed. The Department of ECE has given 64 percentage. Out of 350 students, 224 have passed. The Department of Mechanical Engineering

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has given 72.44 percentage. Out of 577 students, 418 have passed. The Department of IT has got 55.33 pass percentage. Out of 150 students appeared, 83 have passed. In M.E. CAD/CAM, out of 04 students, 03 have passed. Hence, the pass percentage is 75. In M.E. CSE, 01 out of 01 passed has passed. So, the pass percentage is 100. In M.E. SE, 01 out of 01 passed has passed. So, the pass percentage is 100. In M.E. EST, out of 4, 3 have passed. So, the pass percentage is 75.

Training and Placement Activities:

In the continuation of rigorous training, KSRIET has an admirable record of placement for 2019 batch of graduates. The Central Placement Cell of K.S.R. Institutions brought many companies to the campus for Recruitment Drives in which our students proved that the training programmes gave them fruitful results as they have been selected by various well-known companies.

To make the students placement ready, 193 days of training have been given. The training includes 53 days of Aptitude & Reasoning Skill, 28 days of Communication Skills, 25 days of Soft Skills and 87 days of Technical Skills.


Out of 425 final year UG and PG students, 208 students have been placed in various reputed organizations. Out of 43 students in CSE department, 24 got placed. Out of 89 students, 38 have been placed in EEE department. 50 students out of 79 have been placed in ECE department. 76 students out of 175 students have been placed in Mechanical department. 20 students out of 34 have been placed in IT department.


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Awards, Recognitions & Achievements:

Our faculty members have published 63 research papers in various journals. 66 of our faculty members have presented papers in conferences. Our faculty members have received grants for Rs. 3,92,500/-. 69 faculty members have attended various training programmes. 23 have completed online courses.

1. Dr. R. Nandakumar, Head, Department of ECE and Mr. P. Gopinath, Associate Professor of Mechanical have received "Best Teacher Award" from Junior Chamber International.
2. Dr. J.C. Kannan, Professor & Head, Department of S&H gave an invited talk in AIMST University, Malaysia and was given as Distinguished Professor Award.
3. Dr. S. Satheeshkumar, Professor of Physics, presented a paper in AIMST University, Malaysia and his paper was given Best Paper Award.
4. Dr. C. Muhuntarajan, Head, Department of English has successfully completed a three day workshop and has become an IELTS Trainer certified by British Council.
5. Mr. S. Madhan, Assistant Professor of English has attended a four day Teacher Development Programme for English Language Teachers of AICTE approved Colleges in association with Cambridge Assessment English at AICTE, New Delhi. Out of 477 applications, 30 applicants from all over the country were shortlisted by AICTE through the process of an online diagnostic. He was one among the 30 from all over India and one among the two participants from Tamil Nadu.
6. Dr. B. Kalaavathi, Head, Department of CSE has applied a patent titled "Deep Convolutional Neural Network Architecture for Classifying the Lung Tumor".


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7. Mr. V. Gopinath, Assistant Professor of CSE has become a VIRTUSA certified Trainer in IVS Testing.
8. Ms. R. Deebika, Ms. N. Sharmila and Ms. D. Kavinya, Assistant Professor of CSE, have become ICT certified C++ Trainers.
9. A special mention of T. Yogesh of third year Mechanical Engineering is worthy. He has presented more than 29 papers in symposium and won 21 prizes for papers presentation and other technical events. He has spoken in five Public Speeches organized by Readers' Conclave and JCI. He has been selected in Youth Parliament, an event organized by the Central Government to visit New Delhi to meet our honourable Prime Minister on 25th February 2019. He is the ambassador of Internshala for our institute. He is also receiving intensives from Internshala for promoting its events. He has undergone 2 internships and yet to undergo 5 more. He is congratulated for the tireless academic efforts.
10. To support young talents from economically backward sections of the society, Aspire Systems provides Aspire's Bright Star Scholarship to the students to pursue higher education in the field of engineering. Totally, 165 students of our institute applied for the scholarship. Out of 36 applications shortlisted after document verification, four of our students will receive Aspire's Bright Star Scholarship worth Rs.27,500 per year for four years. A big thank to Aspire Systems for their keen support to the needy.
11. A final year project of ECE department has been selected for receiving fund of Rs.7,500 from Tamilnadu State Science and Technology.
12. S. Ilakiya and S. Aswin of third year and R. Priya and M.M. Shanmathi of second year ECE have won the first prize in Youth Talk organized by IE Chapter.




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13. In Thulir Conference organized by JCI Association, S. Ilakiya of third year and K. Reshma of second year ECE have won the first prize in Oratorical and Dance competitions respectively.
14. First prize in paper presentation has been achieved by third year IT Department, G. Priyadarshini and V. Yaksheetha in VSB Engineering College.
15. S. Neshak Kumar and M. Hakeem of third year IT have won the second prize in paper presentation in Kongunadu College of Engineering and Technology.
16. A team project titled "Smart Farm Monitoring System" has been selected in the top twenty finalist teams in InnoWah Project Competitions by PALS Association IIT Madras.
17. T. Yogesh of third year Mechanical Engineering has won the first prize and the second prize in paper presentation in GCE, Bargur and Selvam College of Engineering respectively.
18. Our college Go-Kart team has got "Best Innovation Award" in National Level Go-Kart Racing Event and received "Best Design Award" with cash prize Rs.10,000 in Go-Kart organized by CADD Technologies, Coimbatore and "Best Innovation Award" with cash prize Rs.5,000 in Go-Kart in Kings Karting Championship organized by Kings Engineering College, Chennai.
19. 34 students & 09 faculty members have passed NPTEL Online Certification Courses. Among the 34 students, 09 students and among 09 faculty members 07 have got Elite Grade. Ms. P. Saranya and Ms. B. Latha, Assistant Professors of ECE were Toppers of five percentage in the courses.

Extra-Curricular Activities:

It's my pleasure to state that our students have proved their skills not only in academics but also in extra-curricular activities. Totally, 137 students


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have participated in sports and 205 students in NSS, NCC and Social Activities.

1. In Anna University Zone Level Athletic, M. Mohammed Abbas of second year Mechanical has won the Silver Medal in Javelin Throw.
2. G. Vignesh of third year CSE has bagged the Silver Medal in Hammer Throw.
3. S.K. Sanjay Kumar of third year has clinched Silver Medal in High Jump and Bronze in 400 meter Hurdles.
4. In Pole Vault, S. Karthikeyan of second year CSE has won the Bronze.
5. In Anna University Inter Zone Level Athletic for Men, S.K. Sanjay Kumar of third year Mechanical has bagged the Bronze Medal in High Jump.
6. P. Kannan of final year Mechanical has won the Bronze Medal in Anna University Inter Zone Level Best Physique.
7. In Chief Minister Trophy, S. K. Sanjaykumar of third year Mechanical has won the Gold Medal in High Jump.
8. In 22nd Namakkal District Junior Level Athletic Championship, S.K. Sanjay Kumar of third year Mechanical has bagged the Silver Medal in High Jump.
9. In Javelin Throw, M. Mohamed Abbas of second year Mechanical has won the Silver Medal.
10. P. Sakthivel of second year Mechanical has won the Bronze Medals in 800 meter and 1500 meter.
11. In Satyadev Memorial Cricket Park State Level 5's Football Tournament, final year ECE C. Selvarakesh Kumar and final year IT A. Kousik have got the third place.
12. In 3rd Kongu State Level 5's Football Tournament, A. Kousik of final year IT, S.R. Aravinth of second year Mechanical, A.R. Amrith of first year CSE and final year ECE C. Selvarakesh Kumar have been the Runners.

Programmes Organized and Participated:

The college has organized 05 Industrial Visits, 17 Workshops, 36 Seminars, 19 Value Added Courses, 05 Alumni Interaction Programmes and 49 Faculty Development Programmes for the skill development of Faculty members and students. 112 of our faculty members have participated in many programmes such as FDP, seminars, workshops and conferences. 60 of our faculty members were provided the financial support by the management to participate in FDP, seminars, workshops and conferences held in various institutions and organizations.

Achievement of our Students in Various Activities:

Our students have actively participated in the national and state level co-curricular events and presented 231 papers in Symposiums. 324 papers have been published in Conferences and Journals. 130 students have attended workshops and 281 students have attended Seminars. 196 students have undergone inplant trainings and 27 students have gone to Project Internships in the companies in and around Chennai and Bengaluru. 1062 students have attended Value Added Courses and 81 students have participated in Project Contests. 68 have undergone Online Courses.


20/7/19
IQAC CO-ORDINATOR


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