

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 (National Journals)

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.

Books /Instruction materials/monographs published

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

Funded Research Projects

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

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/1A7f7WRNT2f15w3fo4InCNr85kRBLLIfv/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/1ZZ4VAF9DJI5Ca18aU1q2L8YvVCL7cJtw/view?usp=sharing