

NEWSLETTER

Technie's Dreams

Vol.6, Issue 2, 2021

EDITORIAL STUDENT MEMEBR:

Mr.S.Aswath
Mr.G.Srisanth

EDITORIAL FACULTY MEMEBR:

Mr.R.Ramesh Babu
AP/Mechanical

INSTITUTION VISION AND MISSION:

VISION:

- To impart quality technical education emphasizing innovations and research with social and ethical values.

MISSION:

- Establishing state-of-the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.
- Creating a conducive environment for nurturing innovative ideas and encouraging research skills.
- Inculcating social and ethical values through co-curricular and extra curricular activities.

RABWIN

Excelling Expectations



MoU Signed With Rabin Industries Pvt Ltd ,
Coimbatore on May 07, 2021

MAY 2021



HOD's MESSAGE

- The department's mission is to provide engineering education with excellence in value. The faculty in the department is highly skilled and committed. The department works to educate and teach students in the newest technology. In order to fulfil the demands of advancing technology, the department's goal is to prepare students for successful careers in industry, research, and academia. Our goals are to help students become more adept at combining information and technological ideas for use in product design. Students get the chance to work on diverse projects as a team member or as the project leader thanks to the department. In addition to educating students about professional ethics and norms, we encourage them to pursue lifelong learning.
- At last, I thank to the editorial team of 'Technie Dreams' for their sincere efforts and I offer my best wishes to the readers of this newsletter.

Dr.A.Saiyathibrahim



DEPARTMENT VISION AND MISSION:

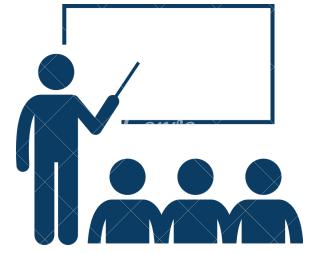
VISION:

- To create innovative, entrepreneurial and socially committed Mechanical Engineers to meet industrial demands.

MISSION:

- Developing core competency in Mechanical Engineering through state-of-the-art facilities and effective teaching practices.
- Encouraging and nurturing research potential and promoting entrepreneurial endeavors.
- Instilling social and ethical values through extension activities.

FACULTY MEMBERS LIST



Dr.P.Manimaran
Dr.S.Krishnakumar
Dr.S.Goshteeswaran
Dr.P.Pitchandi
Dr..A.Saiyath Ibrahim
Mr.S.N.Vijayan
Mr.S.Praveendhanapal
Mr.T.Gunasekaran
Mr.R.Ramesh Babu
Mr.P.Sathishkumar
Ms.S.Karthika
Mr.N.Suresh
Mr.M.Pradeep
Mr.A.J.Infant Jegan Rakesh
Mr.K.P.Harshavardhan
Mr.S.Rajendran
Mr.B.Manup
Mr.P.Prakash
Mr.K.Santhosh
Mr.K.Logeshkumar
Mr.P.Mathankumar
Mr.S.Rajendran

Professor
Professor
Professor
Professor

Associate Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

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Assistant Professor

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Assistant Professor

FACULTY PUBLICATIONS



Dr.P.Manimaran

- Dr. P. Manimaran publishes research on hybrid composites from palm sheath and sugarcane bagasse fibers, offering sustainable solutions for automotive applications.
- Dr. P. Manimaran unveils new insights into the characterization of cellulosic fibers from Nendran Banana Peduncle, advancing sustainable material solutions for various applications.
- Dr. P. Manimaran explores the potential of natural cellulosic fibers from Nendran Banana Peduncle, advancing eco-friendly material options for diverse industries.

- Mr. R. Ramesh Babu investigates the effect and optimization of machining parameters on Material Removal Rate (MRR) and Surface Roughness (SR) for Monel 400 material using the Taguchi method.



Mr.R.Ramesh Babu



Dr.A.Saiyathibrahim

- Dr. A. Saiyathibrahim optimizes friction stir welding parameters for aluminum alloy using the Taguchi method, aiming to improve welding efficiency, strength, and overall quality of the welded joints.
- Dr. A. Saiyathibrahim investigates the cladding of stainless steel over mild steel using Flux Cored Arc Welding, focusing on enhancing the bonding strength and performance of the welded materials.

- Mr. S. N. Vijayan conducts a study on ballast water management systems to reduce ocean pollution, aiming to enhance environmental sustainability and protect marine ecosystems.
- Mr. S. N. Vijayan explores the tribological characteristics of powder metallurgy-processed Cu-WC/SiC metal matrix composites, focusing on their wear resistance and performance in various industrial applications.



Mr.S.N.Vijayan

DEPARTMENTAL ACTIVITIES



- Unleashing Creativity: Technische Grafiken Ignites Design Brilliance!
- Talent Hunt 2021 brought innovation to life with Technische Grafiken, a poster presentation event exclusively for first-year students. Held on February 25th, the event challenged budding designers to showcase their technical artistry and creative flair, guided by coordinators Mr. N. Suresh and Mr. K.P. Harshavardhan. A perfect blend of technology and imagination!

Engineering Graphics Drawing Contest (Technische Grafiken)



Principal Dr.P.Manimaran distributed the Prize for the winner.



Head of the Department -
Mechanical Dr.A.Saiyath
Ibrahim distributed the Prize
for the winner.





Head of the Department S&H
Dr.Padmanathan distributed
the Prize for the winner.



Mr.N.Suresh AP/Mech
distributed the Prize for the
winner.

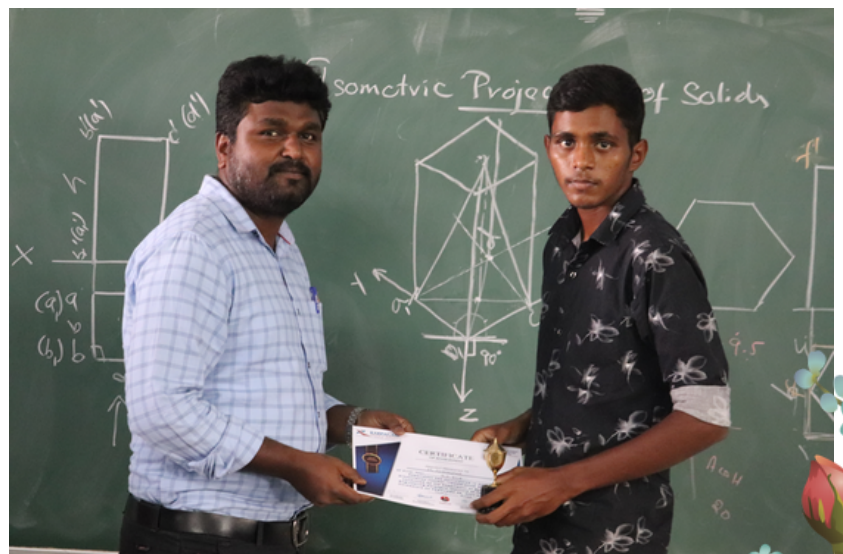




Mr.S.N.Vijayan AP/Mech distributed the Prize for the winner



Mr.P.Prakash AP/Mech distributed the Prize for the winner





Mr.R.Ramesh Babu AP/Mech distributed the Prize for the winner.



Mr.A.J Infant Jegan Rakesh AP/Mech distributed the Prize for the winner.



FDP ATTENDED BY FACULTIES



Dr. P. Manimaran actively participated in the Faculty Development Program on Thermal Power and Energy Engineering, enhancing expertise in sustainable energy solutions and advanced power systems.

Dr.P.Manimaran

Dr. A. Saiyathibrahim successfully attended the Faculty Development Program on Additive Manufacturing, gaining insights into cutting-edge technologies and advancements in modern manufacturing processes.



Dr.A.Saiyathibrahim



Mr. S.N. Vijayan actively participated in the Faculty Development Program on Additive Manufacturing and Solar Energy: Technologies and Applications, enhancing knowledge on sustainable energy solutions and modern manufacturing techniques.

Mr.S.N.Vijayan

FDP ATTENDED BY FACULTIES

Mr. P. Prakash successfully participated in the Faculty Development Programs on 3D Printing & Design and Additive Manufacturing, gaining valuable insights into advanced manufacturing technologies and design innovations.



Mr.P.Prakash



Mr. M. Pradeep successfully attended the Faculty Development Program on 3D Printing & Design, enhancing expertise in cutting-edge manufacturing technologies and design methodologies.

Mr.M.Pradeep

Mr. R. Ramesh Babu actively participated in the Faculty Development Programs on Thermal Power and Energy Engineering, Recent Trends in Composite Materials, and 3D Printing & Design, gaining in-depth knowledge of advanced technologies and emerging trends.



Mr.R.Ramesh Babu

FDP ATTENDED BY FACULTIES



Mr.A.J.Infant Jegan Rakesh

Mr. A.J. Infant Jegan Rakesh actively participated in the Faculty Development Programs on 3D Printing & Design, Additive Manufacturing, and Thermal Power and Energy Engineering, gaining profound insights into cutting-edge manufacturing techniques and sustainable energy advancements. His dedication to continuous learning reflects a strong commitment to driving innovation and excellence in engineering education and practice!

PLACEMENTS

S.NO	Name of the student	Company
1.	Akash R	Nesans Mining and Automation Private Limited
2.	Arun S	Stanadyne India Private Limited, Kovil Kuppam Amavasai Rd
3.	Ashwanth kumar C R	SIMS SOLUTION
4.	Ashwin kumar S	CLOCKNEXT SOLUTIONS
5.	Dhivakar U	SIMS SOLUTION
6.	Gobinath R	Sundaram Fasteners Limited
7.	Gokul S	Stanadyne India Private Limited
8.	Gokul V U	SIMS SOLUTION
9.	Gupendhiran S	Hexaware Technologies

PLACEMENTS

S.NO:	Name of the student	Company
10.	Jerom Issac M	Hexaware Technologies
11.	Kailashwaran G	Tech Mahindra Limited
12.	Kamalnath J	Stanadyne India Private Limited
13.	Karthik A	Sundaram Fasteners Limited
14.	Kavi prakash E	Tech Mahindra Limited
15.	Kumaran M	Tech Mahindra Limited
16.	Logesh K	Indoshell Private Limited
17.	Manikandan S	Indoshell Private Limited
18.	Nagarajan V	Hexaware Technologies

PURSUING HIGHER STUDIES

SI.NO:	Name Of The Student	Name Of The College	Course
1.	Midhun S	M.Kumarasamy college of Engineering, Karur	ME (Manufacturing)
2.	Mugilan N	Sri Krishna College of Technology, Coimbatore	MBA(HR and General Management)
3.	Cibi Balachander S	University of New Haven (USA)	MS (Engineering and Operation Management)
4.	Nirmal K	New Jersey Institute of Technology (USA)	Master of Science in Mechanical Engineering
5.	Arwind S	Coventry University(U K)	MSC Renewable Energy Engineering





KARPAGAM
INSTITUTE OF TECHNOLOGY
Inspiring Innovation

**Imagination is
more
important
than
knowledge**

