

MECHRITZ

Department Newsletter

ISSUE 2 : 2020 - 2021



Mechanical



RATHINAM
TECHNICAL CAMPUS
(AUTONOMOUS)



Engineering

Rathinam Technical Campus, Eachanari, Coimbatore - 641 012

News letter



CON

TENTS

VISION OF THE INSTITUTE

To be a leading and path-breaking Institution in multi-disciplinary education, research, and industry-related development for meeting the challenges of a New India.

MISSION OF THE INSTITUTE

M1. Provide quality Engineering Education, Foster Research and Development, inculcate innovation in Engineering and Technology through state-of-the-art infrastructure.

M2. Nurture young men and women capable of assuming leadership roles in society for the betterment of the country.

M3. Collaborate with industry, government organizations, and society for curriculum alignment and focused, relevant outreach activities.

Academic Achievements

Workshop / FDPs /

Conference

Events Organised

Faculty Publication

Patent Publication

Students Achievement

MoU Signed / Activities

Placement Achievement

Internship / Industrial Visit

Extra - Curricular Achievements

Sports

Faculty Refreshment party

Music & Festival Gallery

DEPARTMENT

VISION OF THE DEPARTMENT

To emerge as a leading influence in Mechanical Engineering education, research, and advancements driven by industry, making a substantial contribution to the transformative growth of the Nation

MISSION OF THE DEPARTMENT

M1 : Deliver top-tier Mechanical Engineering education, promote a culture of research and innovation, and leverage state-of-the-art infrastructure to stay at the forefront of Engineering and Technology.

M2 : Nurture future leaders in Mechanical Engineering, empowering them to take on pivotal roles in society and contribute significantly to the nation's advancement.

M3 : Foster dynamic collaborations with industry, government bodies, and society, ensuring curriculum alignment

Program Specific Outcome (PSOs)

PSO NO.	PROGRAM SPECIFIC OUTCOMES (PSOs)
PSO 01	Application of Mechanical Engineering concepts to solve Engineering problems using modern tools and techniques.
PSO 02	Identify and recommend alternative Engineering methods and materials for sustainable development.

Program Educational Objectives (PEOs)

PEO NO.	PROGRAM EDUCATIONAL OBJECTIVES STATEMENTS
PEO 01	Graduates will have professional & technical career in mechanical and inter disciplinary domains providing innovative and sustainable solutions using modern tools.
PEO 02	Graduates will have effective communication, leadership, team building, problem solving, decision making and creative skills.
PEO 03	Graduates will practice ethical responsibilities towards their peers, employers, and society

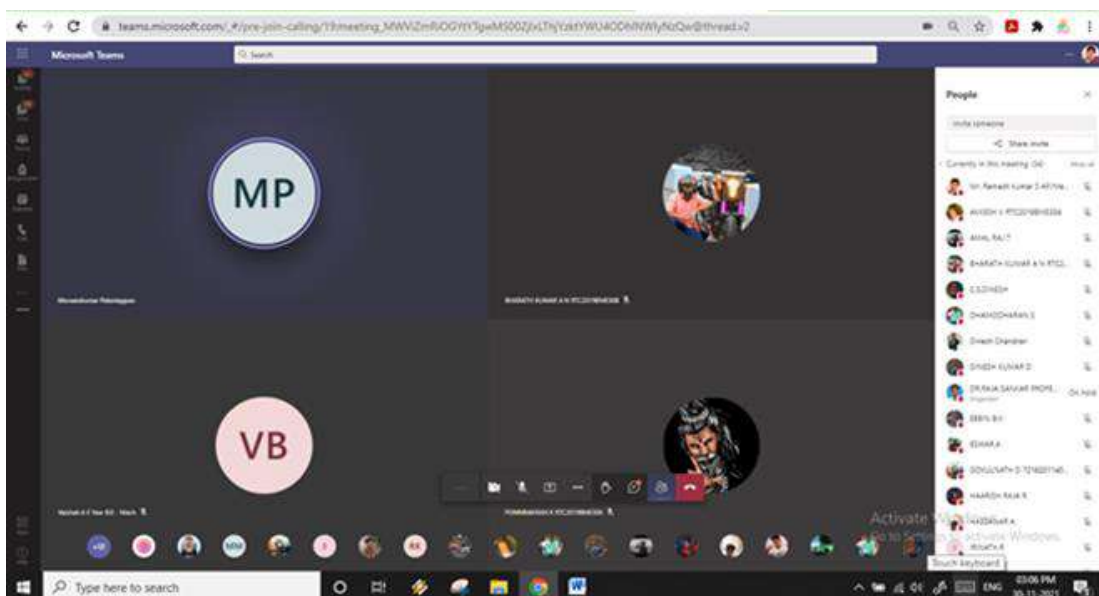
ACADEMIC ACHEIVEMENTS

Events organized

*Department of Mechanical Engineering organizes a webinar on
“SENSOR - BASED AUTONOMOUS VEHICLE TECHNOLOGY”*



The poster features a background image of a car's interior and exterior. At the top right, the logos for RATHINOM TECHNICAL CAMPUS and IITENG are displayed. The main text reads: "Department Of Mechanical Engineering Organises Webinar on Sensor-based Autonomous vehicle Technology". The event is scheduled for "22 FEB 2021 AT 9.00 AM TO 4.30 PM". A QR code is provided for access. The meeting details are: Meeting ID: 460 001 560 888, Passcode: p22ZAN. The guest speaker is Mr. A. Prabhakaran, Assistant Professor/Mech, KCT,CBE. The coordinator is Mr. K Kandasamy, AP/MECH. The convener is Dr.M. Raja Sankar, HOD/MECH. The website www.rathinamcollege.edu.in is listed at the bottom left.



*Department of Mechanical Engineering organizes a webinar on
“CASTING OF ADVANCED MATERIALS”*

DEPARTMENT OF MECHANICAL ENGINEERING
ORGANISES WEBINAR ON
CASTING OF ADVANCED MATERIALS

RATHINOM TECHNICAL CAMPUS | **IJES**

THE GUEST SPEAKER
Dr. S. Raja
PROFESSOR / MPT-HAN C&I
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE

COORDINATOR
Mr. G. Vijayasekaran, AP/MECH

CONVENOR
Dr. M. Raja Sankar, HOD/MECH

Meeting ID: 490 316 324 72
Passcode: 1NF25J

24-03-2021
9:00 to 4:30 PM

QR Code

GOES IIT@iitkerala.org
www.rathinomcollege.edu.in

17:30

Recording and transcription have started. Let everyone know they're being recorded and transcribed. [Privacy policy](#)

People | Chat | Reactions | Polls | More | Camera | Mic | Share | 100% | Leave

KISHAN K RICHAN | M | ANISH V RICHAN | RG | On hold | On hold

DS | SRIKANTH C | HANISH KAJA | SRIKANTH C | +5

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03:10 PM
23-03-2021

FACULTY PUBLICATION

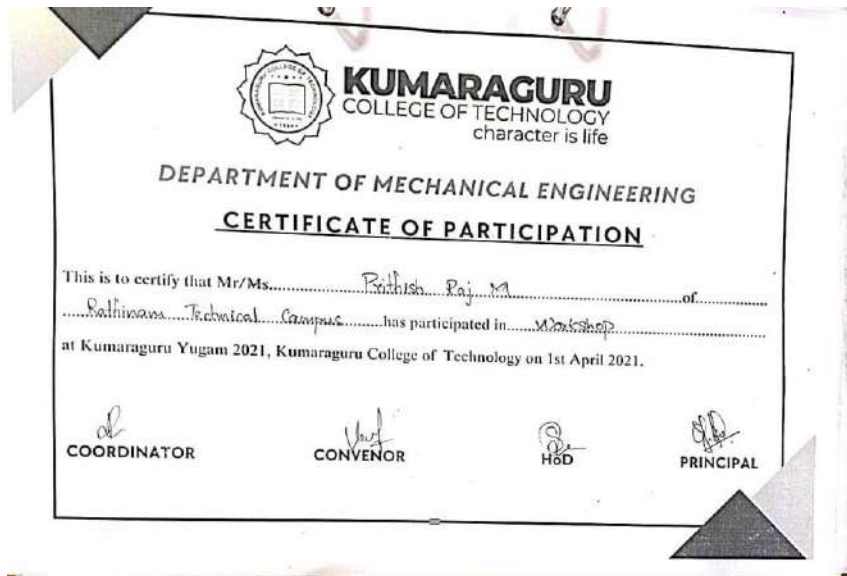
S. No	Faculty name	Title of the paper	Journal name	SCI/ SCOPUS/ WOS
1	Dr. M Rajasankar	Influence of Nano Additives in Bio-Diesel Blends: An Experimental Analysis	Annals of R.S.C.B. ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. 12015 - 12023	Scopus
2	Dr. M Rajasankar and KS Sathish Kumar	Performance And Emission Characteristics Of Diesel Engine Powered by Dual Blended Biodiesel	Annals of R.S.C.B. ISSN:1583-6258, Vol. 25, Issue 6, 2021, Pages. 13879 - 13886	Scopus

SPONSERED RESEARCH

Project Title	Duration	Funding Agency	Amount (in Lakhs)
Development of pd diffused transition metal based chalcogenic hetero structures support on carbon nano structures/ Ni foam for electrochemical watersplitting	3 years	ARDB	35,81155.00

STUDENT ACHIEVEMENTS

S.No	Student Name	Event	College Name	Event Date	Participation/ Prize
1.	Sachin kumar S	Technical Quiz	Shree Sakthi Engineering College, Coimbatore.	5.May.2021	Participated
2.	Saranraj M	3D Printing Technology	Sri Venkateswara College of Engineering	21.May.2021	III Prize
3.	Sri Dharani Dharan J.J	3D Printing Technology	Sri Venkateswara College of Engineering	21.May.2021	Participated
4.	Jayaprakash V	Paper Presentation	Sri Venkateswara College of Engineering	21.May.2021	Participated
5.	Vibi Narayanan	Paper Presentation	Sri Venkateswara College of Engineering	21.May.2021	Participated
6.	Vaishshak.A	Technical Quiz	Shree Sakthi Engineering College, Coimbatore.	5.May.2021	Participated
7.	Aravind.K	Conference	APR Institute of Engineering and Technology	26.Mar.2021	Participated
8.	Dinesh Kumar.D	Conference	APR Institute of Engineering and Technology	26.Mar.2021	II Prize
9.	Hari Haran R	Conference	APR Institute of Engineering and Technology	26.Mar.2021	Participated
10	Ponnimaran.K	Paper Presentation	Nehru group of institution, Coimbatore.	05.May.2021	II Prize
11	Prithish Raj.M	Workshop	Kumaraguru College of Technology	01.April.2021	Participated
12	GokuI.N	Workshop	Kumaraguru College of Technology	01.April.2021	Participated
13	Irfan AdattiI.M	Workshop	Kumaraguru College of Technology	01.April.2021	Participated
14	Kuppuraj V	Workshop	Kumaraguru College of Technology	01.April.2021	Participated



Initiatives related to Industrial Training

Sl No	Industry Visited	Date of Visit	Category of Industry (Core/Non-Core)	No. of Students Benefited	Activity
1	Indo Shell Cast Pvt Ltd - Coimbatore	05.02.2021	Core	30	Industrial Visit
2	Tv Sundram Iyengar & Sons Private Limited- Coimbatore	10.03.2021	Core	30	Industrial Visit
3	Siva Balaji Industries - Coimbatore	03.04.2021	Core	14	Industrial Visit



Mechanical Engineering