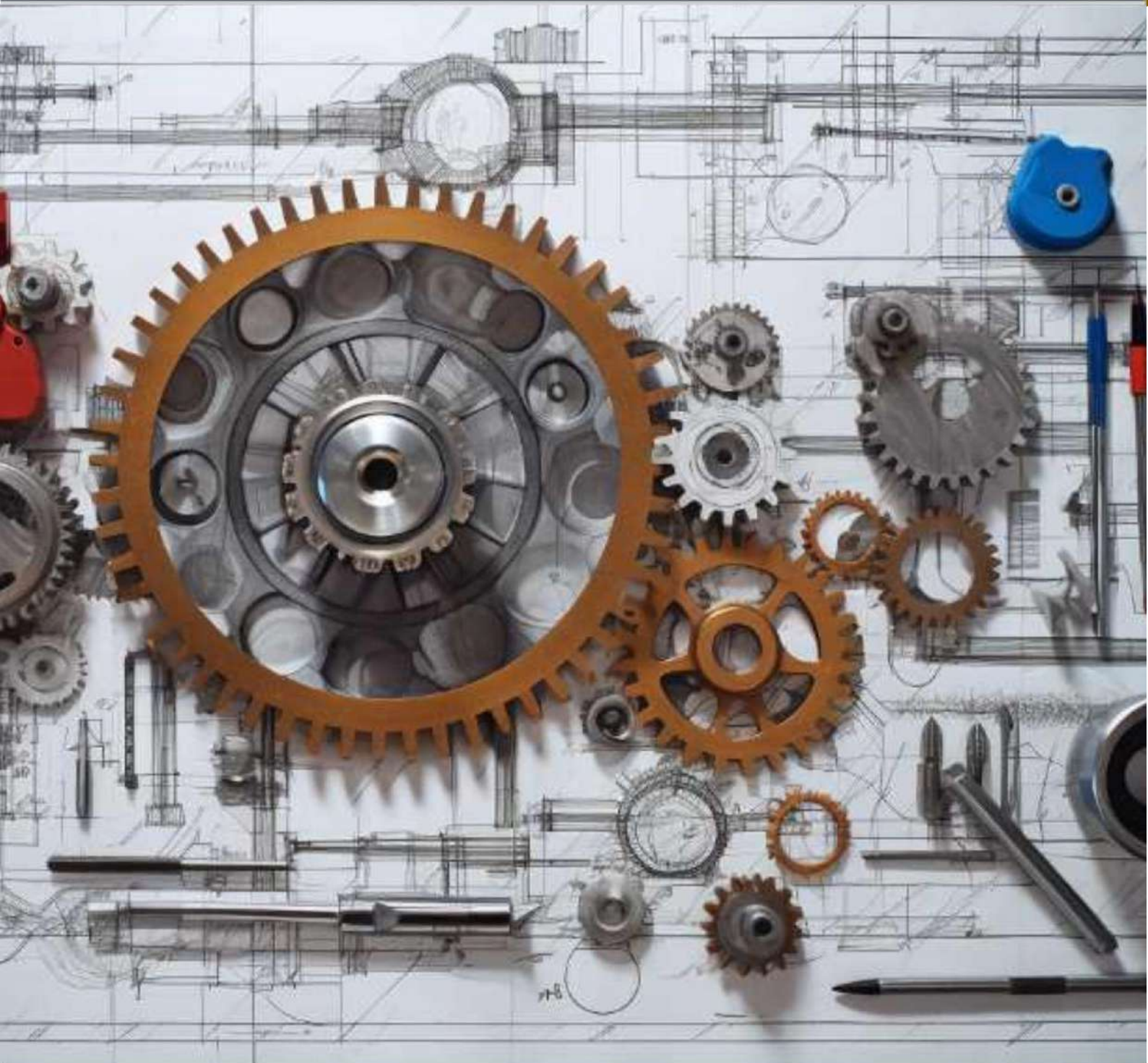


MECHRITZ

Department Newsletter

ISSUE 1 : 2020 - 2021



Mechanical 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 “FATIGUE ANALYSIS USING FEA”



RATHINAM
TECHNICAL CAMPUS

Department Of Mechanical Engineering
Organises
Webinar on

**Fatigue Analysis
Using FEA**

12 AUG 2020 AT 9.00 AM TO 4.30 PM

Meeting ID: 472 859 212 187
Passcode: wgr5t

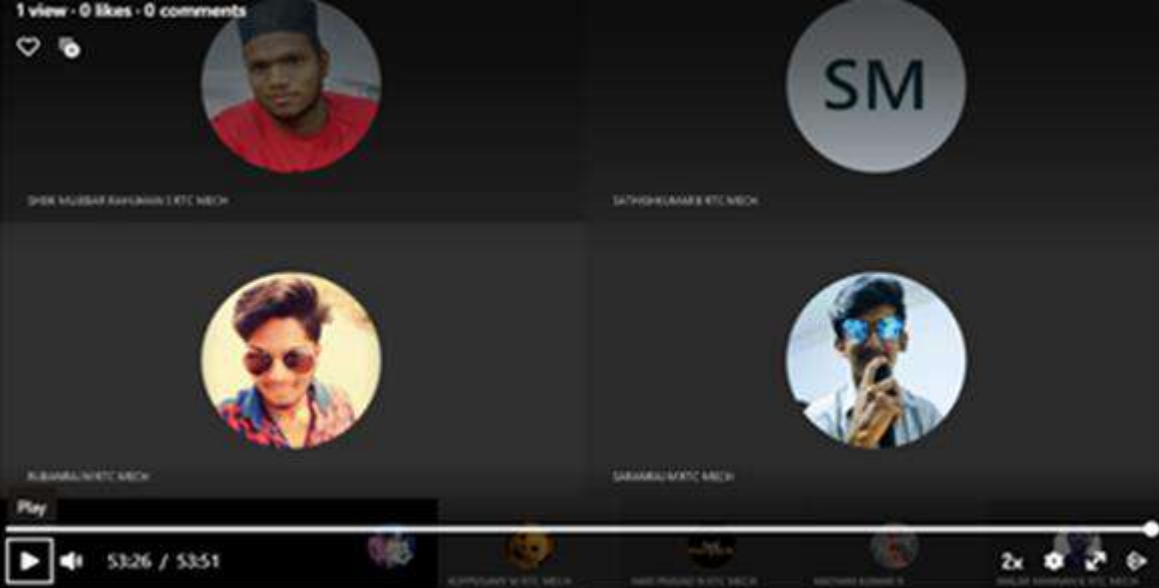
THE GUEST SPEAKER
Dr.S.Venkatachalam,
Professor /Aerospace Engineering

COORDINATOR
Mr.K S.Sathish Kumar,ASP/Mech

CONVENOR
Dr.M. Raja Sankar ,HOD/MECH

QR Code

www.rathinamcollege.edu.in



1 view · 0 likes · 0 comments

SM

SHRI MURUGAN RAJANAN S,ETC MECH

SATHISHKUMAR S,ETC MECH

KUNJAL N,ETC MECH

SARABJIT S,ETC MECH

Play

53:26 / 53:51

FACULTY PUBLICATION

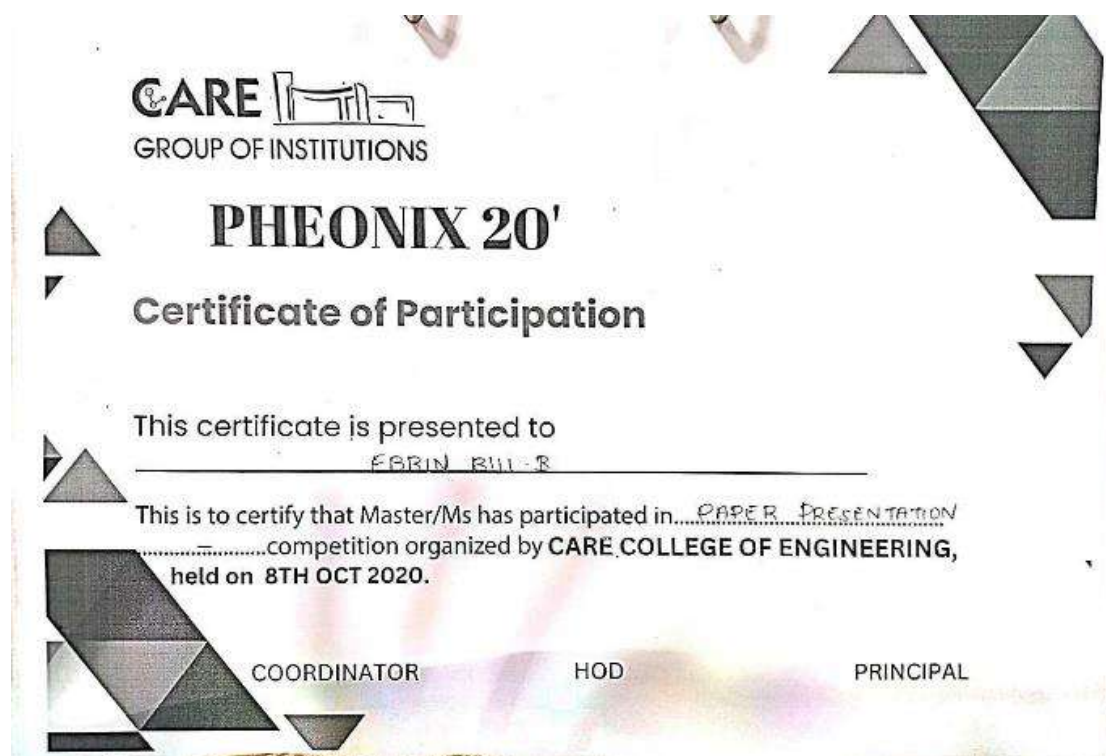
S. No	Faculty name	Title of the paper	Journal name	SCI/ SCOPUS/ WOS
1	Dr. M Rajasankar	Influence of Nano Additives in Bio-Diesel Blends: An Experimental Analysis	Annals of R.S.C.B. ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. 12015 - 12023	Scopus
2	Dr. M Rajasankar and KS Sathish Kumar	Performance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

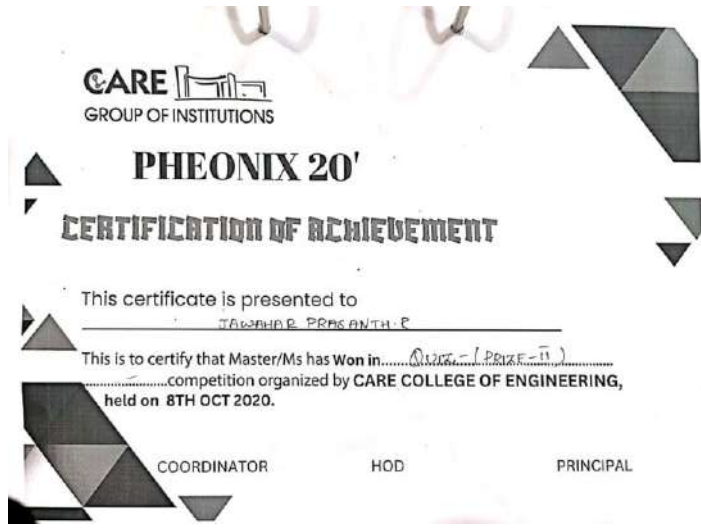
SPONSERED RESEARCH

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.	Chandra Sekar R	Paper Presentation	Kathir College of Engineering	5 Oct 2020	II Prize
2.	Gurumoorthy S	Paper Presentation	Kathir College of Engineering	5 Oct 2020	Participated
3.	AkashKumar V A	QUIZ	Kathir College of Engineering	5.Oct.2020	III Prize
4.	Arun Kumar M	QUIZ	Kathir College of Engineering	5.Oct.2020	Participated
5.	EbbinBiji.B	Paper Presentation	CARE Group of Institutions	8.Oct.2020	Participated
6.	Abilash N	Paper Presentation	CARE Group of Institutions	8.Oct.2020	Participated
7.	BalamuruganR	QUIZ	CARE Group of Institutions	8.Oct.2020	Participated
8.	Jawahar Prasanth R	Ouiz	CARE Group of Institutions	8.Oct.2020	II Prize
9.	Amrish Krishnan	Paper Presentation	Pollachi institute of Engineering	15.Sep.2022	II Prize
10.	Anshul Yohannan	Paper Presentation	Pollachi institute of Engineering	15.Sep.2022	III Prize
11.	Dhamodharan	Paper Presentation	Pollachi institute of Engineering	15.Sep.2022	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	Sree Kumaran Engineering - Coimbatore- 641034	05.07.2020	Core	30	Industrial Visit
2	Agni Tech- Coimbatore- 641034	07.08.2020	Core	29	Industrial Visit
3	Craftsman Automation Limited - Coimbatore - 641037	08.09.2020	Core	15	Industrial Visit

