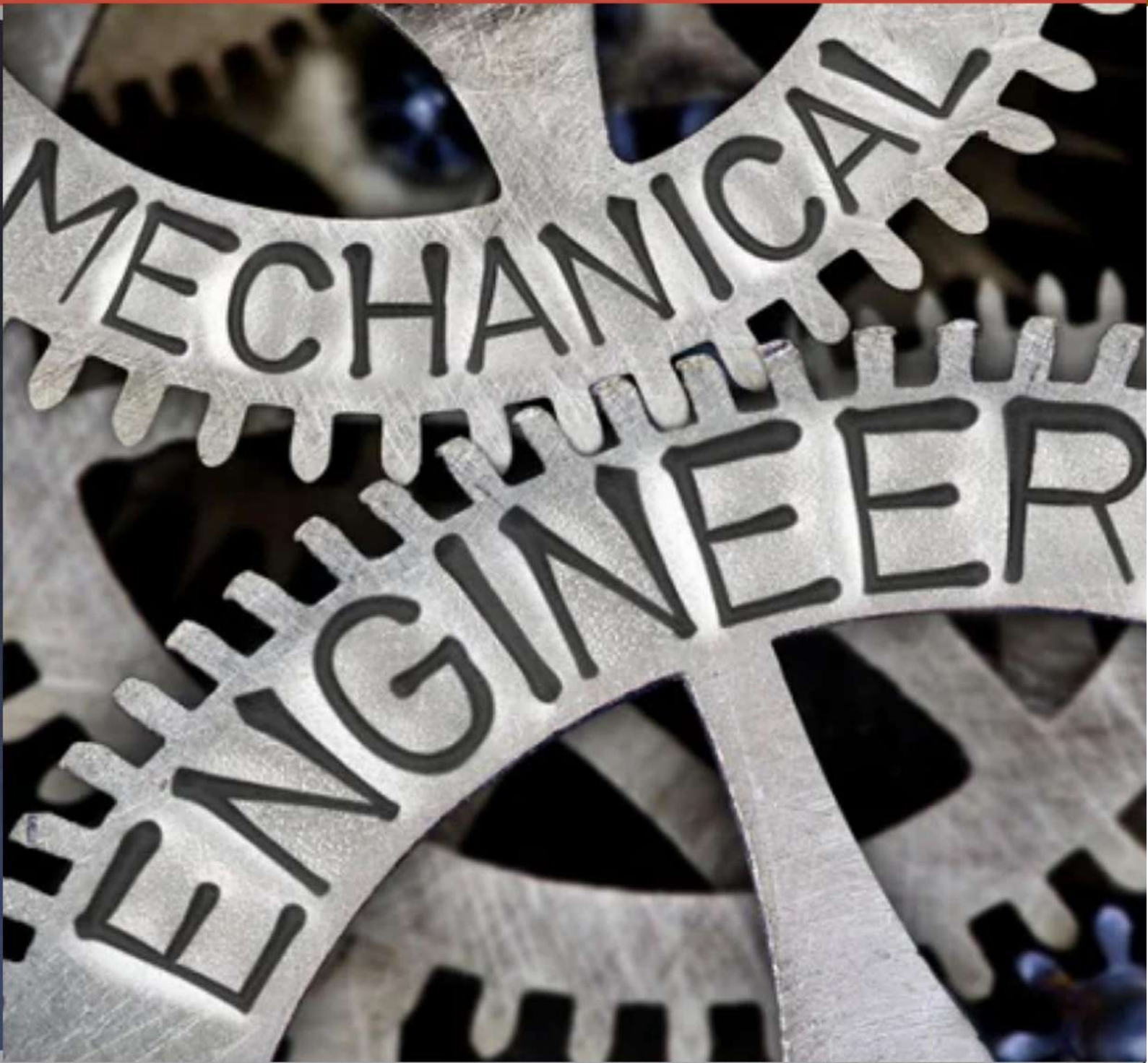


MECHRITZ

Department Newsletter

ISSUE 1 : 2021 - 2022



Mechanical Engineering

Rathinam Technical Campus, Eachanari, Coimbatore - 641 012



RATHINAM
TECHNICAL CAMPUS
(AUTONOMOUS)



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 Guest Lecture on
“HYBRID COMPOSITE MATERIALS AND IT’S APPLICATIONS”



RATHINAM TECHNICAL CAMPUS

DEPARTMENT OF MECHANICAL ENGINEERING

Guest Lecture on

"HYBRID COMPOSITE MATERIALS AND IT'S APPLICATIONS "

Resource Person

Dr. C Velmurugan
Professor
Department of Mechanical Engineering
Kumaraguru College of Technology
Coimbatore.

Venue
SEMINAR HALL
TIME: 09:00AM to 4:30 PM

Coordinator
Mr K.Kandasamy,
AP/Mech

Convenor
Dr.M. Raja Sankar
HOD/MECH

3rd Sep 2021

www.rathinamtechnicalcampus.com Last date Registration :02-09-2021 Registration Link :<https://fb.gg/gjqpc7>



WORKSHOP/ SEMINAR

Department of Mechanical Engineering organizes a Seminar on
“ADVANCEMENTS IN WELDING TECHNOLOGY”

RATHINAM TECHNICAL CAMPUS **IWS**

DEPARTMENT OF MECHANICAL ENGINEERING
Seminar on
ADVANCEMENTS IN WELDING TECHNOLOGY

Resource Person
Dr.J.Maniraj
Professor
Department of Mechanical Engineering,
Kaisinar Krishnanthi Institute of Technology
Coimbatore

Venue
SEMINAR HALL
TIME: 09:00AM to 4:30 PM

08th NOV 2021

Coordinators
Mr. M. Pandi Elavarasan,
AP/ MECH

Convener
Dr.M. Raja Sankar
HOD/MECH

www.rathinamtechnicalcampus.com Last date Registration :05-11-2021 Registration Link :<https://fb.gy/9gqgq7>



FACULTY PUBLICATION/ RESEARCH

S.No	Faculty name	Title of the paper	Journal name	SCI/SCOPUS/WOS
1	A Thirumoorthy and K Kandasamy	Optimisation of Aluminium Alloy Squeeze Cast Parameters Lm 13/ Sic On Mechanical Properties	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Scopus
2	K Kandasamy	The Mechanical Behaier effect of FDM process by using PA6 and PA66for varying its infill density on a rectilinear pattern	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Scopus
3	G Vijayasekaran	Performance Analysis and Emission Behaviour on Turbocharger and EGR in BS4 Vehicles based on Fuel Efficiency	International Journal for Science and Advance Research in Technology (IJSART)	UGC
4	KS Sathish kumar	Vibrational Behaviour of Kevlar Composite Fibre	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Scopus

PATENT

Sl.No.	Name of the Applicants	Name of the Inventors	Application Number	Patent Title
1	A Thirumoorthy	A Thirumoorthy, KS Sathish Kumar, M Rajasankar, K Kandasamy	347226-001	Aerodynamic Duct Design

STUDENT ACHIEVEMENTS

S.No	Student Name	Event	College Name	Event Date	Participation/Prize
1.	Nibi Narayanan	Design Contest	Cheran College of Engineering	30 Oct 2021	Participated
2.	Akkesh V	Design Contest	Cheran College of Engineering	30 Oct 2021	III Prize
3.	Gokulnath D	Robo Wars	Cheran College of Engineering	30 Oct 2021	Participated
4.	RamKumar V	Robo Wars	Cheran College of Engineering	30 Oct 2021	Participated
5.	Thejus M	Paper Presentation	Kongunadu College of Engineering and Technology	25.Sep.2021	II Price
6.	Vasanth KaruppuSamy P	Paper Presentation	Kongunadu College of Engineering and Technology	25.Sep.2021	III Price
7.	Amrish Krishnan	Robotic CAD	LD College of Engineering	10.Aug.2021	II Price
8.	Anshul Yohannan	Robotic CAD	LD College of Engineering	10.Aug.2021	Participated
9.	Vaishhak A	Conference	Sri Venkataramana Swamy College	27.Nov.2021	Participated





MPECO SCHLENK ENGINEERING COLLEGE

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
UG Programmes - NBA Accredited (TIER - I), NAAC Accredited with 'A' Grade
An ISO-9001:2008 Certified Institution

MECHANICAL IDEA FEST 2021

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. Abhishek V of RTS
.....has participated in..... WORKSHOP
at Mechanical Idea Fest 2021, Mepco Schlenk Engineering on 25th September 2021.


COORDINATOR


CONVENOR


HoD


PRINCIPAL



CREATOR MECH'21

This is to certify that Mr/Ms. AMRITHA KESHAVAN of ENTHUSIASM TECHNICAL
CONVENT has won II-PRIZE in ROBOTIC CAD at CREATORS MECH'21
National Level Tech Fest organized by L.D. COLLEGE OF ENGINEERING
on 10/08/2021.


CO-ORDINATOR
Dr. H. C. Dhanday


PRINCIPAL
Dr. Rajan Dey



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi, Affiliated to Anna University Chennai, Accredited by NAAC
Accredited by NBA (CSE, ECE, EEE & MECH), Recognized by UGC with 2(F) & 12 (B), An ISO 9001:2015 Certified Institution.
Namakkal - Trichy Main Road, Tholurpatti Post, Thottalam Taluk, Trichy - 621215, Tamil Nadu.

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF ACHIEVEMENT

This is to certify that Mr/Ms. TRIVAS M of
ENTHUSIASM TECHNICAL CONVENT has won II PRIZE in POWER PRESENTATION Nat Tek
Cluster 21 organized by the Department of Mechanical Engineering, Kongunadu College of Engineering
and Technology (Autonomous) on 25th of September 2021.


COORDINATOR


CONVENOR


HoD


PRINCIPAL

Initiatives related to Industrial Training

Sl No	Industry Visited	Date of Visit	Category of Industry (Core/Non-Core)	No. of Students Benefited	Activity
1	Amal Technology - Coimbatore	01.08.2021	Core	15	Industrial Visit
2	Sakthi Gear Products - Coimbatore	04.10.2021	Core	25	Industrial Visit
3	Hari Auto Consulting Center - Coimbatore	03.11.2021	Core	10	Industrial Visit

