

Mech'Časopis

THE VOICE OF MECHANICAL INNOVATION

Edition 12

July 2026



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About the Department of Mechanical Engineering

The Department of Mechanical Engineering was established in the year 2005. The Department is accredited by NBA New Delhi. We are witnessing remarkable growth and opportunities for the students especially recent advancements in materials, automation, and AI integration, 3D printing and also provide innovative solutions across various industries. The Department has highly qualified, experienced faculty members in different fields of specialization, driving student development in academic pursuits and career placement.

Our alumnus are working in remarkable positions in several Industries like DRDO, SIEMENS Renault Nission, TVS Tyres, Mercedes Benz, Altair, TVS – Sundram Fasteners, Bosch, Tataelxl, Motherson Automotive, TAFE, etc. Our focus is on preparing students to unlock the vast potential of Mechanical Engineering and to provide our students with a comprehensive education that combines theoretical learning with hands-on experiences, enabling them to address the challenges of our society effectively through Total Quality Education.



About Mech'Časopis

The name Mech'Časopis is taken from the Croatian language; Časopis (Pronounced as Chasopis) means Newsletter. This newsletter brings the outline of the students and faculty achievements with the activities of the department.



DEPARTMENT OF MECHANICAL ENGINEERING

VISION, MISSION, PEO'S & PSO'S



VISION

To make Department of Mechanical Engineering the unique of its kind in the field of Research and Development activities in the prominent field of Mechanical Engineering in this part of the world.

MISSION

To impart highly Innovative and Technical Knowledge in the field of Mechanical Engineering to the urban and unreachable rural student folks, through "Total Quality Education".

PROGRAM EDUCATIONAL OUTCOMES (PEO'S)

PEO 1: Graduates of the Programme will excel in Technical Knowledge and apply innovative skills in the field of Mechanical Engineering.

PEO 2: Graduates will contribute to Technological Development and Research Activities through "Total Quality Education".

PEO-3: Graduate of the Programme will accomplish Leadership Qualities and Social Responsibilities through "Life Long Learning".

PROGRAM SPECIFIC OUTCOMES (PSO'S)

PSO-1:
Graduates will be able to create and analyze the Research and Development activities related to design and manufacturing.

PSO-2:
Graduates will be able to design, develop need based products in Mechanical Engineering and allied Industries.

DEPARTMENT MECHANICAL ENGINEERING



Accredited by

National Board of Accreditation (NBA)

★★ **NEW DELHI** ★★



**July 2023 –
June 2026**



**July 2020 –
June 2023**



**July 2017 –
June 2020**



Department of Mechanical Engineering

Faculty Achievements



MoU SIGNED



STRONGER COLLABORATIONS | BRIGHTER FUTURES

- Enhancing Skills
- Empowering Careers
- Building a Better Tomorrow



MoU signed between KCET
and **Nettur Technical Training
Foundation (NTTF)** Bangalore



MoU signed between KCET and
**Central Institute of
Petrochemicals Engineering &
Technology (CIPET)** Madurai





Institute of Engineers (IE), Madurai
Sanctioned the **Seminar Grant** of
Rs.20000/-

to



Dr.B.Balavariavan
AP/Mech



Dr.B.K.Parrthipan
AP/Mech

for conducting one Day ALL India seminar on
**"Recent Trends in Use of Computational Fluid
Dynamics (CFD) for Turbo Machinery
Applications".**



Institute of Engineers (India)
Sanctioned the IEI **R&D Grant** of
Rs.45000/-

to

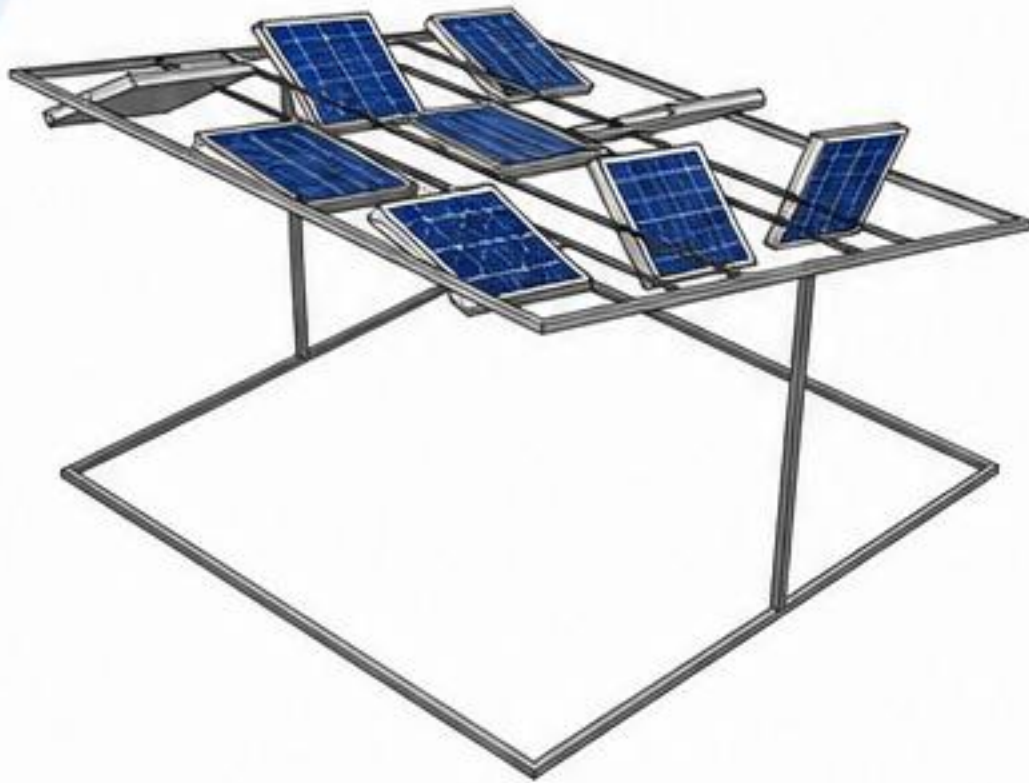


Dr.B.K.Parrthipan
AP/Mech

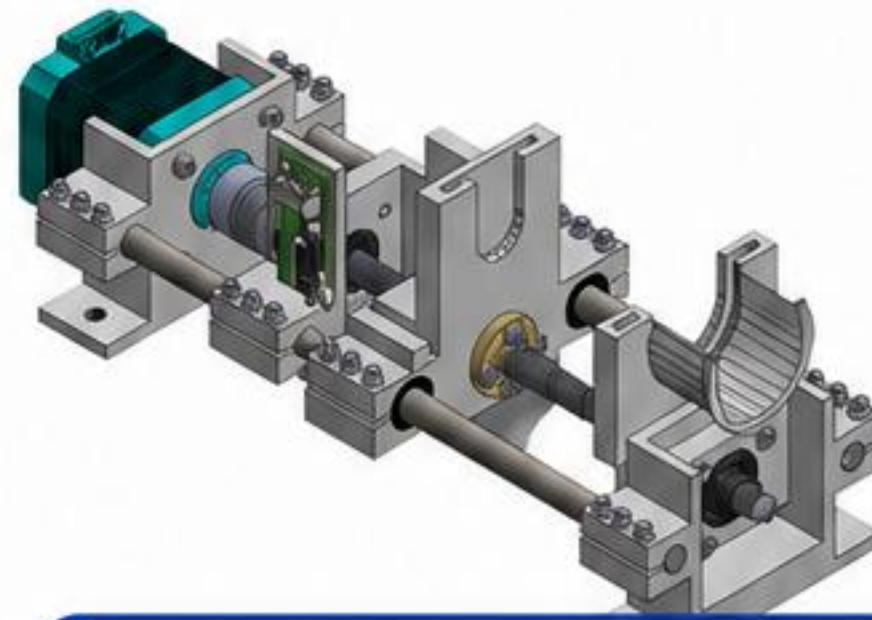
for the Research project entitled **"HEAL STEP:
Smart Foot wear with Pressure Mapping for
Pain and Fatigue Relief".**

Design Patent Granted

***16 Design Patent Granted During
the Academic Year 2025-2026***



A Design patent titled “ **FLIPPABLE SOLAR PANEL**” (390540-001/ Date 15.09.2025)
was granted to
Dr.R.Sakthivel Murugan AP/Mech



A Design patent titled “ **SYRINGE PUMP**”
(474647-001/ Date 29.01.2026) was
granted to
Dr.S.Senthil Prof/Mech



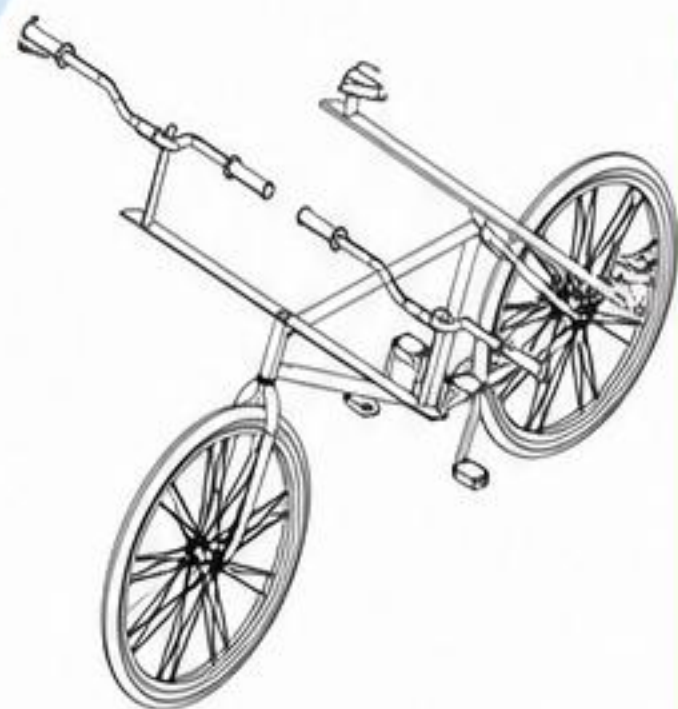
A Design patent titled “ **SEED DISPENSER** ”
(474018-001/ Date 11.12.2025) was
granted to
Dr.S.Senthil Prof / Mech



A Design patent titled “ **VERTICAL AXIS
WIND TURBINE** (450739-001/ Date
25.07.2025) was granted to
Dr. B.K.Parrthipan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr. B.Balavairavan AP/Mech

Design Patent Granted

16 Design Patent Granted During the Academic Year 2025-2026

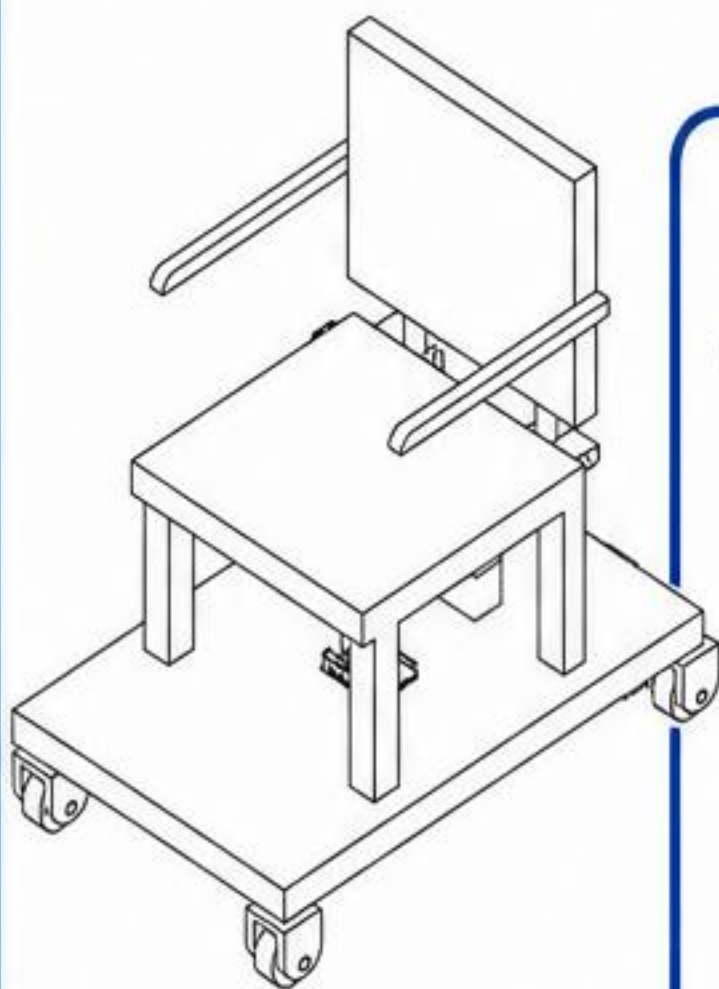


A Design patent titled “ BICYCLE ”
(465382-001/ Date 06.11.2025) was
granted to

Dr.B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof / Mech

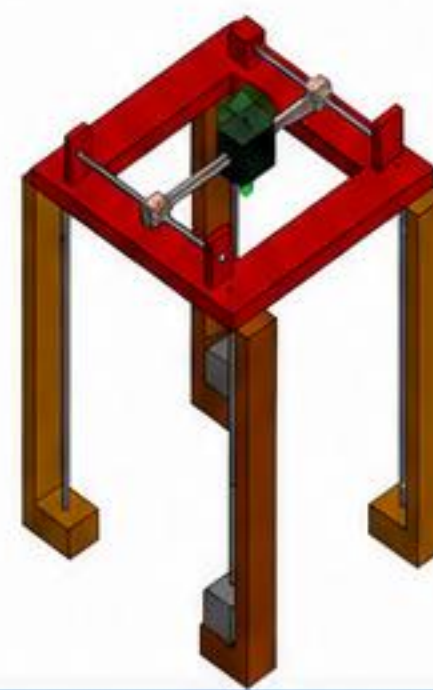


A Design patent titled “
INSULATOR ” (477-001/ Date
21.01.2026) was granted to
Dr. B.K.Parrthipan AP/Mech



A Design patent titled “ SMART WHEEL
CHAIR ” (429405-001/ Date 19.01.2026)
was granted to

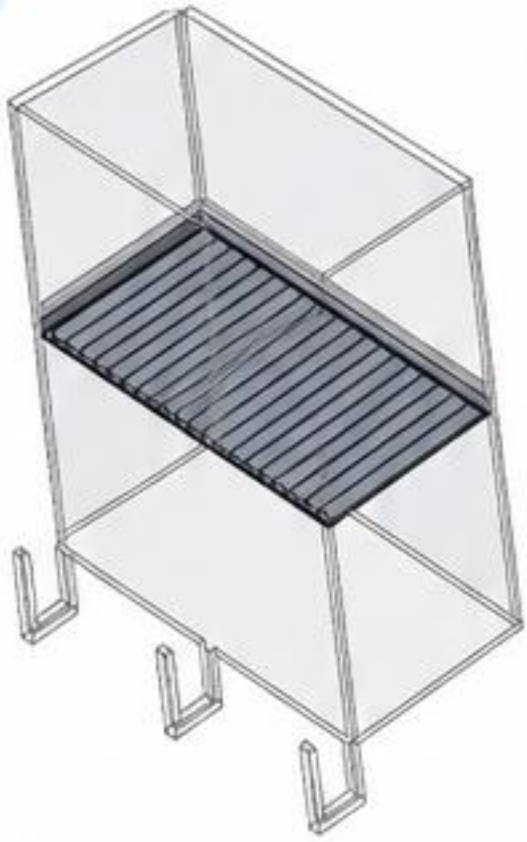
Dr.B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof / Mech



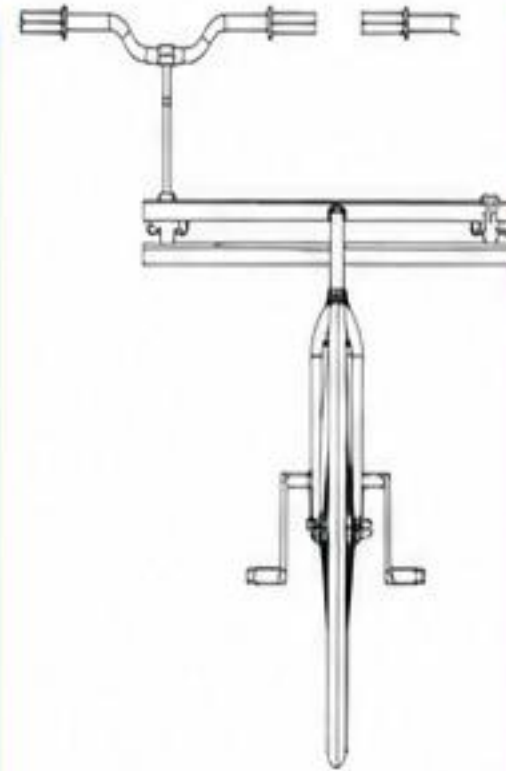
A Design patent titled “
PESTICIDE SPRAYER ” (477303-
001/ Date 02.02.2026) was
granted to
Dr.P.Narayansamy ASP/Mech
Dr.S.Senthil Prof/Mech

Design Patent Granted

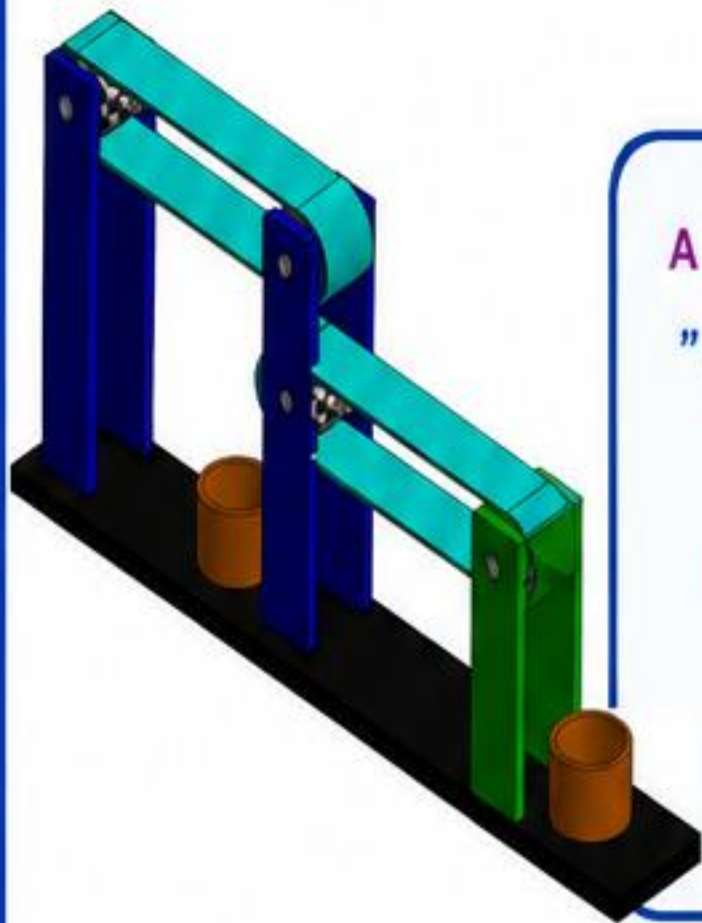
***16 Design Patent Granted During
Academic Year 2025-2026***



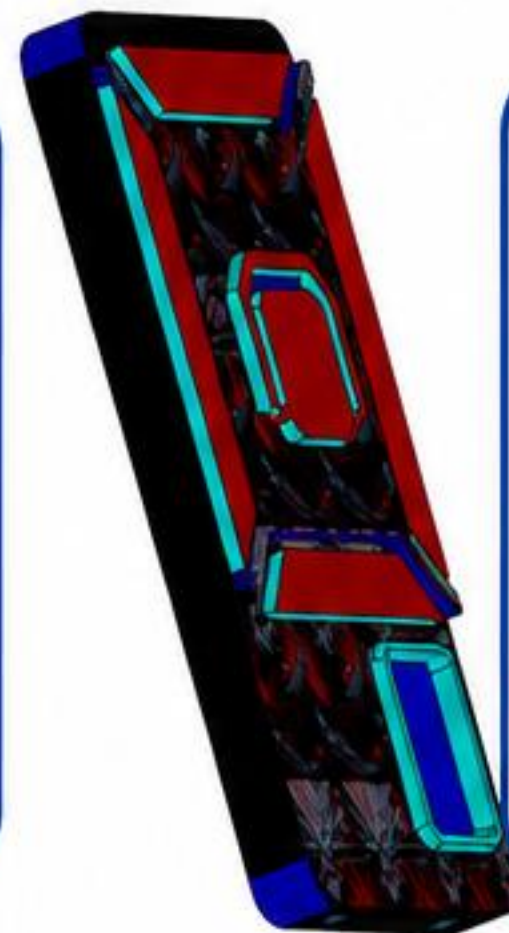
A Design patent titled “ FISH BREEDING BOX” (465475-001/ Date 25/09/2025) was granted to
Dr. B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof/Mech



A Design patent titled “ BICYCLE” (427779-001/ Date 12.03.2026) was granted to
Dr. B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan
ASP&HoD/Mech
Dr.S.Senthil Prof/Mech



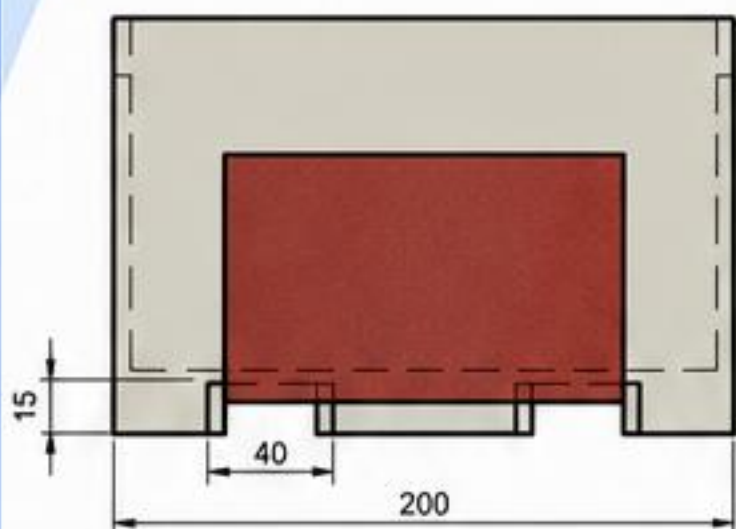
A Design patent titled “ CONVEYOR ” (477708-001/ Date 12.02.2026) was granted to
Dr.P.Narayansamy ASP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech



A Design patent titled “ MOBILE CASE” (477652-001/ Date 01.04.2026) was granted to
Dr.P.Narayansamy ASP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech

Design Patent Granted

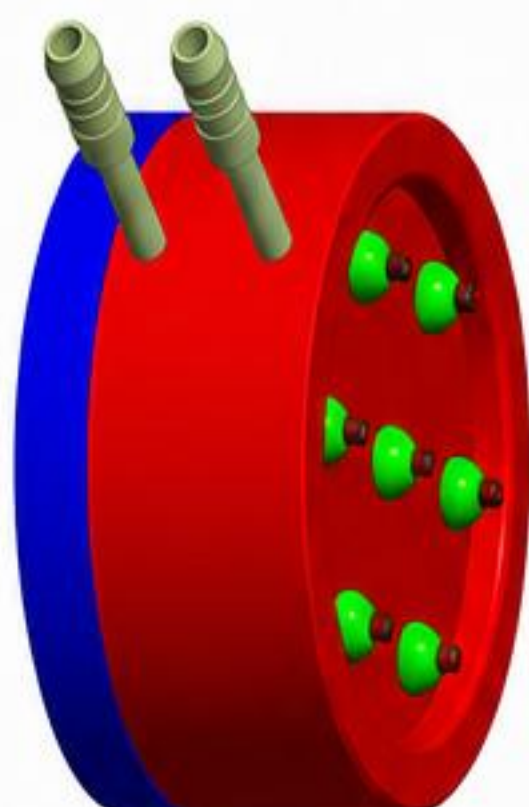
16 Design Patent Granted During the Academic Year 2025-2026



A Design patent titled "MEDICAL TRAY BOX " (410256-001/ Date 06.05.2026) was granted to Dr. N.R.Madhan AP/Mech



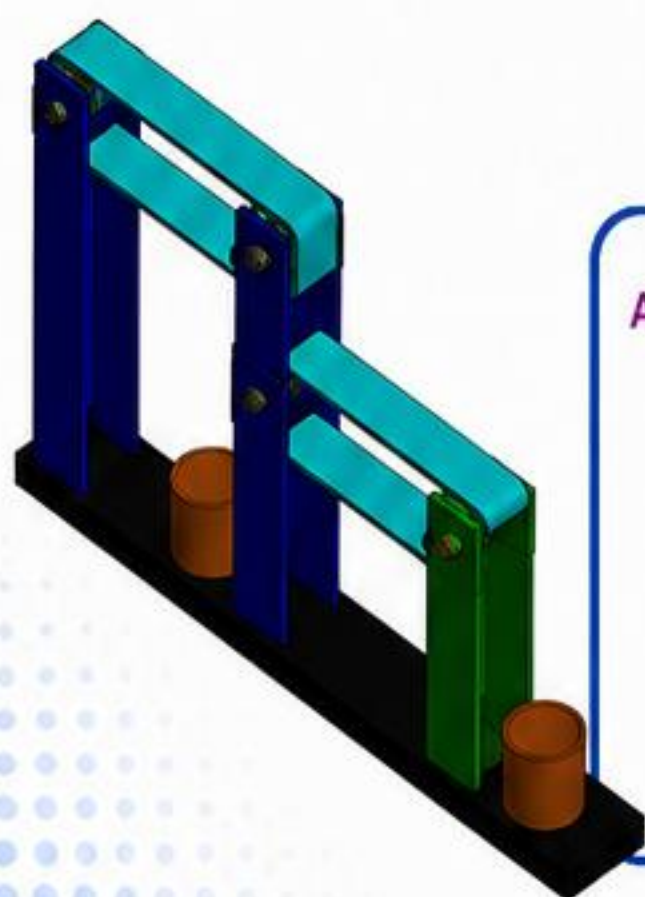
A Design patent titled " VERTICAL AXIS WIND MILL TURBINE WITH SOLAR PANEL " (465475-001/ Date 25/09/2025) was granted to Dr. B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech



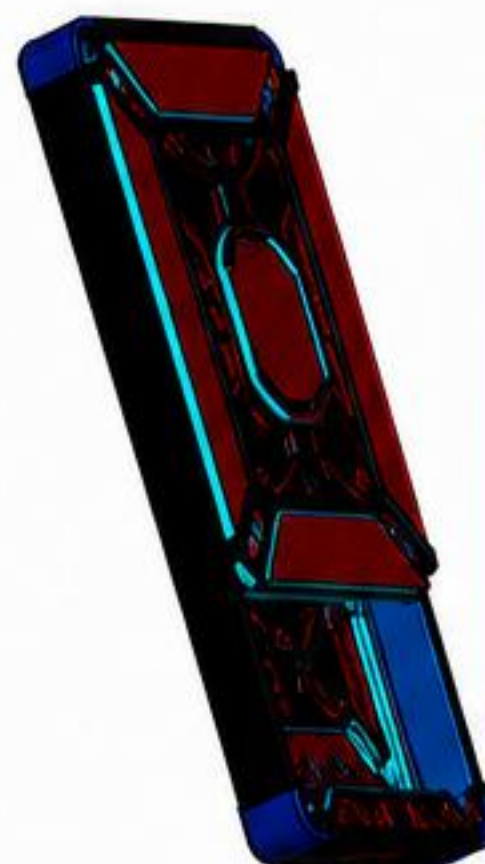
A Design patent titled " PHOTO REACTOR " (487779-001/ Date 14.05.2026) was granted to Dr.P.Narayansamy ASP/Mech
Dr.B.Balavairavan AP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech



A Design patent titled " POWER TRANSMITTING BUSHING " (478209-001/ Date 26.02.2026) was granted to Dr. B.K.Parrthipan AP/Mech



A Design patent titled " CONVEYOR " (477708-001/ Date 12.02.2026) was granted to Dr.P.Narayansamy ASP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech



A Design patent titled " MOBILE CASE " (477652-001/ Date 01.04.2026) was granted to Dr.P.Narayansamy ASP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech

Utility Patent Published

A Utility patent titled " Smart Cooker Timer Using Whistle Detection Sensor" is published in Online

Application no. 202541132832 dated 29/12/2025.

Authors :

**Mr. D.Palani kumar AP/Gen.Engg ,
Mr. A. Sankara Narayana
Murthy AP/Gen.Engg along with
BT, Chemistry Departments .**

A Utility patent titled 'Integrating Waste Fish Scale–Derived Gelatin and Orange Peel into Edible Composite Films, is published in Online.

Application No. 202541133816 and Reference No. TEMP/E-1/143699/2025-CHE

Authors :

**Dr. B. K. Parrthipan AP/Mech and
Dr. B. Balavairavan AP/Mech ,
along with the BT Department**

FACULTY AWARDS/ACHIEVEMENTS



Narayanasamy, Pandiarajan
Kamaraj College of Engineering and Technology

Rank: 258567

- Main Field: Enabling & Strategic Technologies
- Sub Field: Materials
- Rank in the SubField: 5824.0
- H-index: 11, Hm-index: 5

Top 2% Listed Year(s): 2025
Single Year Data

The data is verified and sourced from ELSEVIER and Stanford University's Top 2% Scientists list.

www.Top2SciNet.com

F-1322316

The Institution of Engineers (India)

**MEMBERSHIP
CERTIFICATE**

This Certificate of
Fellow is Granted to
THANGA KASI RAJAN S

on Twenty Fourth day of
October Two Zero Two Five

In witness where of the said Institution has
caused its Common Seal to be affixed on this
Twenty Fourth day of October Two Zero Two Five

Secretary and Director General

Note: This is a e-certificate auto-generated by system hence valid without signature.

Dr. P.Narayanasamy ASP/Mech received the **Vocational Excellence Award** from the Rotary Club of Virudhunagar on 15 October 2025 in **recognition of academic and research contributions.**

Dr.P.Narayanasamy ASP/Mech Listed among the **“Top 2% Scientists” Worldwide (2025)** by Elsevier BV and Stanford University based on **research impact and citations**

Dr.S.Thanga Kasi Rajan ASP&HoD/Mech received **“Certificate of Fellow”** from Institution of Engineers (India)

FACULTY AWARDS/ACHIEVEMENTS



Dr. B. K. Parrthipan AP/Mech
Elected as
“Honorary Secretary”
at Institution of
Engineers, Madurai Local chapter
for the
period of September 2025 –
September 2027

Dr. P. Narayanasamy ASP/Mech
Elected as
“Executive member”
in Mechanical Division at
Institution of Engineers, Madurai
Local chapter for
the period of October 2025 –
September 2027.

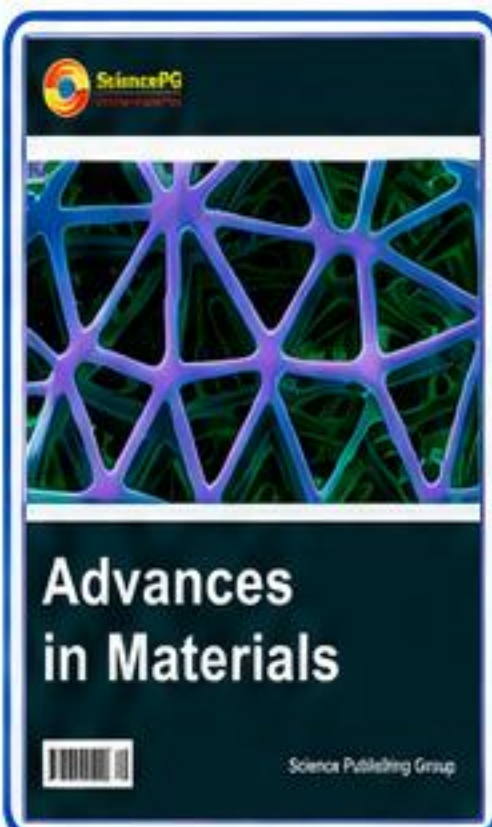
FACULTY AS EDITORIAL BOARD MEMBERS



Dr.S.Thangakasirajan
ASP&HoD/Mech appointed as
“Editorial Board member” for
the Journal "Composite
Materials", Science Publishing
Group.

Dr.B.Balavairavan AP/Mech
appointed as “Associate
Editor” in the International
journal of Material Science
and Applications, Science
Publishing Group, IF 2.8.

Dr. P. Narayanasamy
ASP/Mech appointed as
an “Associate Member of
the Institute of Physics
(IOP), UK”. Membership
ID is 80466333.



Dr.B.K.Parrthipan AP/Mech
appointed as “Associate Editor”
in journal of Advances in
Materials (AM) Science
publishing group Inc.

Dr. P. Narayanasamy A S P/ Mech
received “Peer Review Recognition
for 2023” from the American
Chemical Society (ACS) Publications

IOP
Institute of Physics



FACULTY AS EDITORIAL BOARD MEMBERS

Mesopotamian Journal of
Civil Engineering

Q1

Architecture

best quartile

SJR 2025

0.52

powered by scimagojr.com

Dr. P.Narayanasamy, ASP/Mech
acted as "Editorial Board
Member", Mesopotamian
Journal of Civil Engineering
(Scopus Indexed).

Advances in Polymer
Technology

Q2

Chemical
Engineering
(miscellaneous)

best quartile

SJR 2025

0.55

powered by scimagojr.com

Dr.P.Narayanasamy,ASP/Mech
acted as "Academic
Editor", Journal of
Advances in Polymer
Technology, Wiley
Publishers.

Scientific Reports

Q1

Multidisciplinary

best quartile

SJR 2025

0.89

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Dr.P.Narayanasamy,ASP/Mech
acted as "Editorial Board
Member", in Scientific
Reports,
Springer
Publications.

ARASHI
SCIENTIFIC PUBLISHERS

MEET OUR
EDITORIAL BOARD MEMBER



Dr. P. Narayanasamy

Associate Professor,
Department of Mechanical Engineering,
Kamaraj College of Engineering and Technology, India.

www.arashipublishers.com

editor@arashipublishers.com

Dr.P.Narayanasamy ASP/Mech
acted as "Editorial Board Member", Arashi
Journal of Metals & Material Sciences,
Arashi Publisher.



World Journal of
**Materials Science
and Technology**

Science Publishing Group

Dr. P.Narayanasamy, ASP/Mech
acted as "Editorial Board Member",
World Journal of Materials Science and
Technology, Science Publishing Group.

IOP
Institute of Physics



Faculty Research Publications

Institutions



IIT Madras



NIT Calicut



NIT Rourkela



Kazi Nazrul University
Asansol



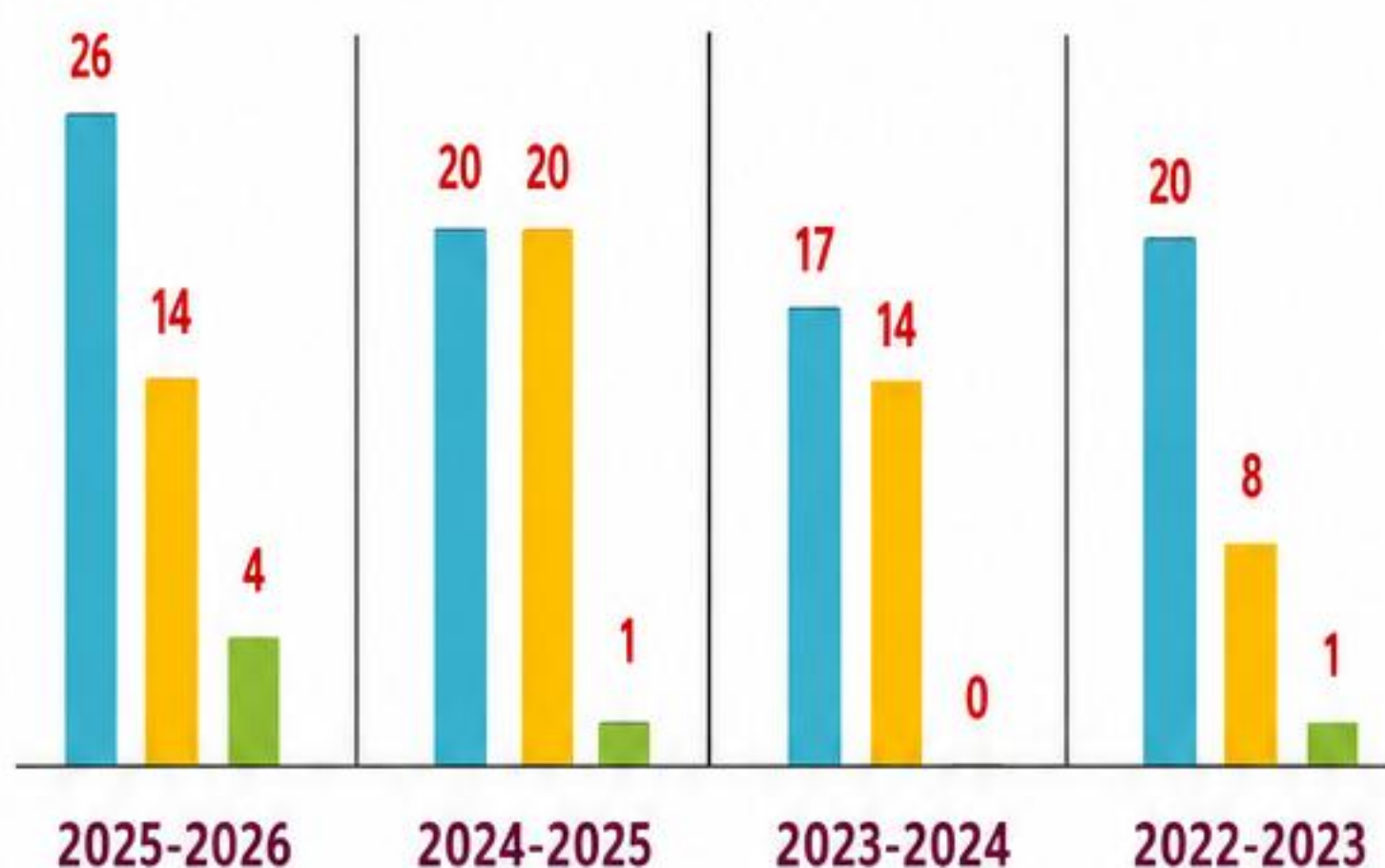
Research Publications Over the Years

A Commitment to Quality Research and Scholarly Excellence

Total Publications (2022-23 to 2025-26): **145**

RESEARCH PUBLICATIONS OVER THE YEARS

■ No. of Articles ■ No. of Conference Proceedings ■ No. of Book Chapter



Our Publications in Reputed Journals



ELSEVIER

WILEY



Springer

S Sage

Our Research Areas



Natural
Fiber
Composites



Polymer
Composites



Materials
Characterization



Mechanical
Properties



Sustainable
Materials

Research Supervisors



Dr.S.Senthil Prof/Mech



Dr. S. Thanga Kasi Rajan
ASP & HoD/Mech



Dr. P. Narayanasamy
ASP/Mech



Dr. B. Balavairavan
AP/Mech

Innovating Today for a Sustainable Tomorrow

Achievements in Research



.....
Dr. S.Senthil Prof/Mech. Dr. P.Narayanasamy ASP/Mech and Dr. B.Balavairavan AP/Mech
recognized as "STAR RESEARCHERS" in appreciation of their Exceptional Research
Contributions in the Year 2025.

Achievements in Research



**Dr. B.K.Parrthipan, Dr. R.Sakthivelmurugan, Dr. N.R.Madhan ,
Dr.S.Muthunatarajan, Mr.D.Palanikumar and Mr. A.
Sankaranarayanamurthy** recognized as **“EMINENT RESEARCHERS ”** in
appreciation of their Exceptional Research Contributions in the Year 2025.



**Dr. S. Thanga Kasi rajan ASP&HoD
/Mech** recognized as **“ACTIVE
RESEARCHER ”** in appreciation of
his Exceptional Research
Contributions in the Year 2025.

Appreciation to Faculty for Students Placement



The Management, Board Members, Secretary, and Principal of KCET highly appreciated the “Faculty members of the Mechanical Engineering Department” for their dedicated efforts in securing 100% placement for the 2026 passed out students

Conference Presentations



Dr. P. Narayanasamy, ASP/Mech, presented a paper titled “Thermal, Structural Analysis of Titanium-Titanium Boride Composites Using EDM” at the First International Conference AMISE 5.0 Advanced Multidisciplinary Innovations in Science & Engineering for Industry 5.0, organized by the Department of Mechanical Engineering, Dayananda Sagar Academy of Technology & Management, Bengaluru.



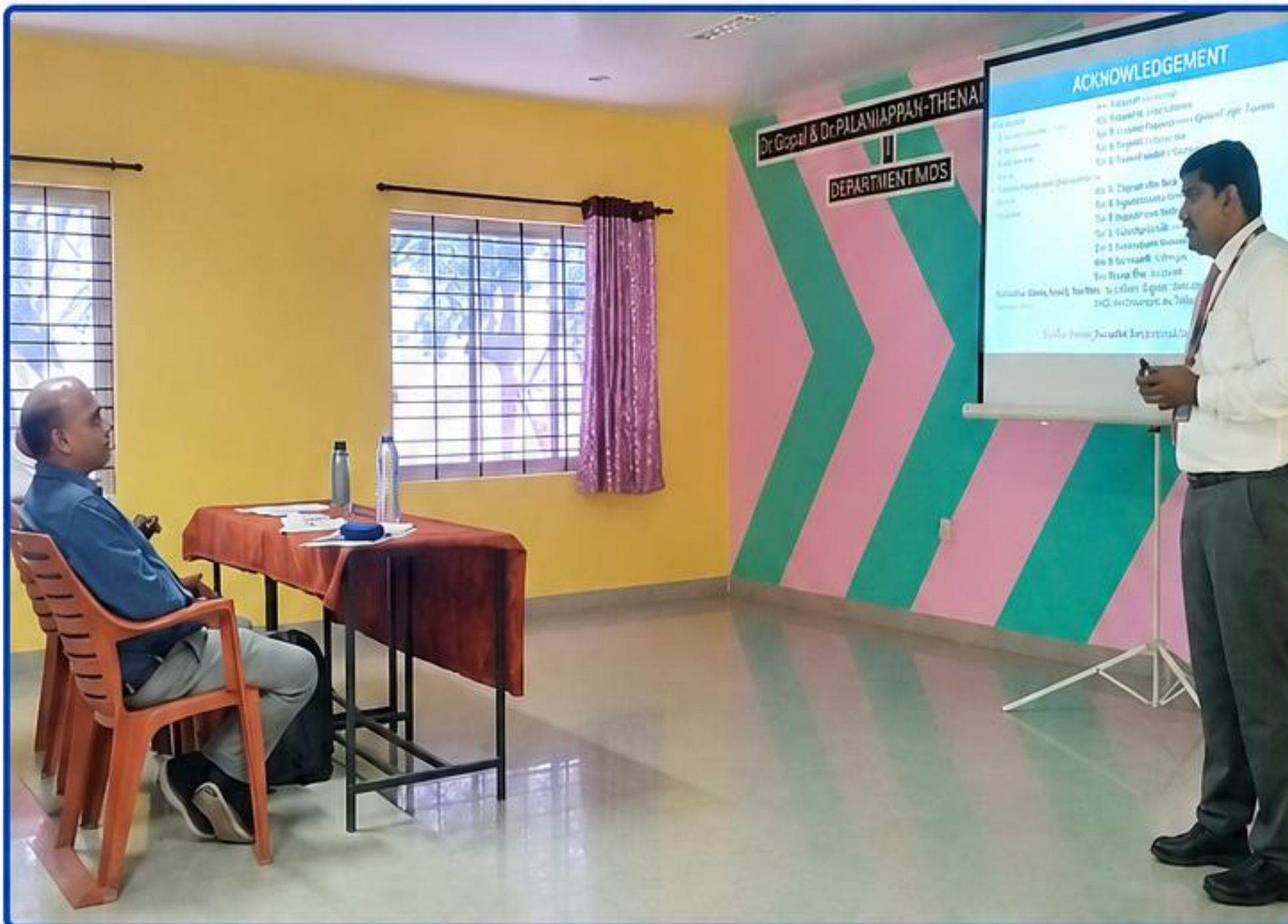
Dr. B. Balavairavan AP/Mech presented the Paper Titled ” Development of Sustainable PLA based Biofilms reinforced with Alkali treated Pigeon Pea Stem Peel Powder for Active Packaging Applications ” in CONVERGENCE 2026 “Two day Zonal conference on Emerging Multi Disciplinary Research Trends and Advanced Methodologies for Viksit Bharath 2047” Jointly organised by National Institute of Technology, Trichy and SHoDH on 28.02.2026.



Mr.D.Palanikumar AP/Gen.Engg, and Mr.A.Sankaranarayana murthy AP/Gen.Engg presented the Paper Titled “Process Optimization for 3D printing Using Artificial Intelligence” in International Conference on “ Sustainable Innovation in Material , Manufacturing and Optimization Jointly organized by Kalasalingam University and ASTI Academy Dubai on 26.03.2026.



SCHOLARS OF EMINENCE



Dr. N.R.Madhan
Public viva voce held at
29.08.2025
Supervisor
Dr. S. Senthil
Prof /Mech, KCET

Achievements in NPTEL Exams



CERTIFICATE OF APPRECIATION

is awarded to



B. K. PARRTHIPAN
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
VIRUDHUNAGAR, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

JUL - DEC 2025

THANK YOU FOR EMPOWERING LEARNERS AND SUPPORTING QUALITY EDUCATION

Months Enrolled	Months Present	Score (in %)					Toppers
		<40	40-59	60-74	75-89	>=90	
15	10	1	5	4	0	0	0



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

Congratulations!

PROUD ACHIEVEMENT IN
NPTEL EXAM



Dr. S. Muthu Natarajan
AP/General Engineering



“ We congratulate Dr. S. Muthu Natarajan for securing a place in the TOP 2% of all learners in the NPTEL Exam ”



Product Engineering and Design Thinking

A significant achievement reflecting excellence in reflecting goodclence in m eniengineering education. engineering



DEDICATION LEADS TO SUCCESS



CONTINUOUS LEARNING CREATES EXCELLENCE



YOUR ACHIEVEMENT INSPIRES US ALL

Your hard work, dedication and persistence have truly paid off! Keep excelling and Heartiest Congratulations!



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

Congratulations!

PROUD ACHIEVEMENT IN
NPTEL EXAM



Dr. R. Sakthivel Murugan
AP/ Mech



Scored **NPTEL ELITE+ GOLD** in AICTE Recognized "Navigating the future with additive manufacturing landscape" Jan-Apr 2025 | Elite+ Gold (Top 5%)



Extensive Course Knowledge



Applying the latest trends and industry practices



Academic Excellence



Future Leadership

Your dedication, hard work and continuous efforts are inspiring and A Result of Congratulations!



CERTIFICATE

— OF APPRECIATION —

is awarded to

S. THANGA KASI RAJAN

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

VIRUDHUNAGAR, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

PRODUCT DESIGN AND MANUFACTURING

JAN - APR 2026



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				
		<40	40-59	60-74	75-89	>=90	Toppers
11	11	1	1	9	0	0	0

FACULTY INTERACTIONS



Dr.S.Senthil Prof/Mech and our College President visited "DRDO COE" at Research and Innovation Park, at IIT Delhi



Dr. S. Thanga Kasi Rajan ASP&HoD /Mech "Visited Special labs and best practices" at Bannari Amman Institute of Technology.



Dr. S. Thanga Kasi Rajan ASP&HoD /Mech acted as "Resource person" in 5 days FDP program at Ramco Institute of Technology, Rajapalayam on 19.12.2025.



Dr. S. Thanga Kasi Rajan ASP&HoD /Mech participated in "Global Start-up Summit" at Coimbatore.



Dr. S. Thanga Kasi Rajan ASP&HoD /Mech acted as "Resource Person" for the Lecture Meeting on "Sustainability in Materials and Manufacturing" organised by IEI - Madurai Local Centre on 07.02.2026.

FACULTY INTERACTIONS



Dr. B. Balavairavan AP/Mech delivered the One day workshop on “Design of Engine Components” organized by St. Michael College of Engineering and Technology, Kalayarkoil on 04.11.2025.



Dr. S. Muthu Natarajan AP/Gen Engg acted as a “session chair” in the international conference organized by JP college of engineering, Tenkasi on 24.03.2026.



Dr. B.K. Parrthipan, AP/Mech Attended interaction meeting with MLA's at Hotel Tamilnadu Unit 3 (Pandian Hotel) on 20.05.2026.



Dr. B. Balavairavan AP/Mech delivered the Guest lecture Guest Lecture on “Design of Machine Elements” organized by Fatima Michael College of Engineering and Technology, Poovanthi on 07.10.2025.

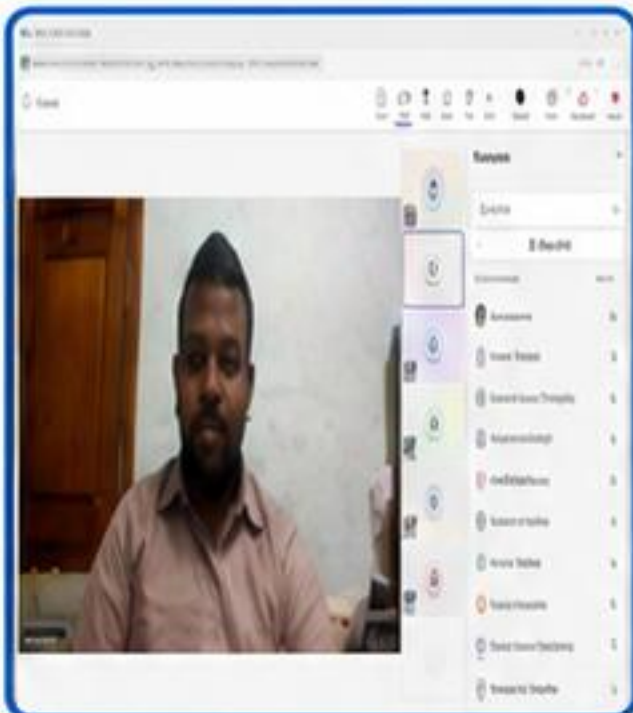


Dr. P. Narayanasamy ASP/Mech, acted as a “Resource Person at the International Conference” organized by JP College of Engineering, Tenkasi, on 24.03.2026.



Dr. R. Sakthivel Murugan, AP/Mech, delivered a “Technical talk” in the Short-Term Course (STC) on “Recent Trends in Additive Manufacturing and DfAM” , organized by the Department of Production Engineering, NIT Tiruchirappalli, on 26.02.2026.

FACULTY INTERACTIONS



Dr. P. Narayanasamy ASP/Mech delivered a technical presentation titled “AI-Driven Optimization of Material Combinations for Enhanced Metal Matrix Composite Properties” in the ATAL Online FDP on “AI Driven Materials Discovery and Design: A New Frontier in Materials Science” of Mechanical Engineering, Dr. Mahalingam College of Engineering and Technology, Pollachi on 05.12.2025.



Dr. P. Narayanasamy ASP/Mech delivered an online technical presentation on , “Current Trends in Bio-Composite Materials from Agricultural Waste Fibers” during the 5 Day FDP organized by Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, on 26.12. 2025.



Dr. B.K. Parrthipan AP/Mech acted as “Guest speaker for the seminar titled, “Technical Skills of an Engineer for Professional Success” at Nachiappa Swamigal Polytechnic College, Koviloor, Karaikudi on 29.01.2026.



Dr. B. Balavairavan AP/Mech and Dr. B. K. Parrthipan AP/Mech Visited the ‘INTEC 2026, International Machine Tools & Industrial Trade Fair’ at Codissia Intec technology centre Coimbatore on 07.06.2026.



Dr. S. Muthu Natarajan AP/Gen.Eng delivered “Guest lecture on “Applications Of Engineering Graphics” organised by Francis Xavier Engineering College, Tirunelveli through online on 27.11.2025.

INDUSTRY INSTITUTE INTERACTION BY FACULTY



> Dr. S. Thanga Kasi Rajan ASP&HoD/Mech along with third year students D.V. Sahi Bala Krishnan Visited “M/s. Packiam mills for project work on 25.03.2026.



> Dr. S. Thanga Kasi Rajan ASP&HoD/Mech visited the “Evident Laser Auto India Pvt Ltd, Bengaluru” and interacted with HR and our Alumni for Placement and Internship.

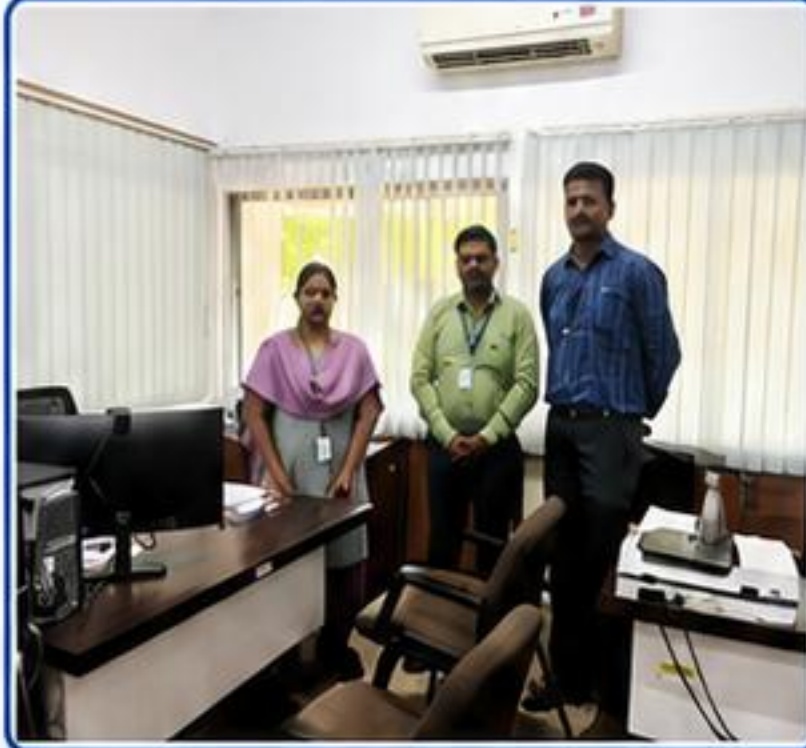


> Dr. S. Thanga Kasi Rajan ASP&HoD/Mech and Mr. A. Sankara Narayana Murthy AP/Gen.Engg Visited “SREE AMMAN AGRO FOODS, Madurai” Regarding Industry Project on 18.11.2025.



> Dr. S. Thanga Kasi Rajan ASP&HoD/Mech and Dr.K. Kannan HoD/MTRE visited “MANNA Foods Pvt Ltd.,” Madurai on 09.12.2025.

INDUSTRY INSTITUTE INTERACTION BY FACULTY



➤ Dr. S. Thanga Kasi Rajan ASP&HoD /Mech and Mr. A. Sankara Narayana Murthy AP/Gen.Engg visited the “JK Fenner (India) Pvt Ltd., Madurai” for Industrial Collaboration, Consultancy Project work and Internship on 13.05.2026

➤ Dr. S. Thanga Kasi Rajan ASP&HoD /Mech and Mr. A. Sankara Narayana Murthy AP/Mech visited the “TVS Sundaram Fasteners Ltd., Aaviyur”, Madurai for Project work and Internship on 13.05.2026.

➤ Dr. B. Balavairavan AP/Mech visited Ms Kalis Sparkling Water Private Limited, SIPCOT, Nilakottai, Dindugul District regarding consultancy projects and student internships on 08.05.2026.

INDUSTRY IINSTITUTE INTERACTION BY FACULTY



➤ Dr. B. Balavairavan AP/Mech and Mr. A. Sankara Narayana Murthy AP/Gen.Engg visited Ashok Leyland, Chennai” - regarding Industry Collaboration in Research and Students placement on 17.02.2026.



➤ Dr. B. Balavairavan AP/Mech and visited Auro Lab, Madurai” regarding Final Year Mech Students Placement Drive on 18.10.2025 and interacted with alumnus Surya bharathi /Quality Manager and Pavalanathan / Quality Engineer.



➤ Dr. N.R.Madhan AP /Gen.Engg Visited the “Senthil Plastic Containers Pvt Ltd., Virudhunagar” regarding consultancy Project on 21.04.2026.



➤ Dr. P.Narayanasamy ASP /Mech Visited the “Kalieswari Metal Powder Pvt Ltd., Virudhunagar” regarding consultancy Project on 10.10.2025.



➤ Dr. B. Balavairavan AP/Mech visited Ms Kalis Sparkling Water Private Limited, SIPCOT, Nilakottai, Dindugul District” regarding consultancy projects and student internships on 08.05.2026.



➤ Dr. P.Narayanasamy ASP /Mech Visited the “Sobana Printing Plate and Machinery , Virudhunagar” regarding consultancy Project on 10.12.2025.

Skill Training Conducted by Faculty



➤ Skill Training on " Introduction of Strength of Materials and Fluid Mechanics Lab" was conducted for II year Mech students on 30.12.2025.



➤ Skill Training on, " Introduction to Theory of Machines Laboratory " was conducted for II Mechanical Engineering students on 29.12.2025.



➤ Skill Training on "Engineering Graphics" through "quiz" for II Mechanical Engineering students on 30.12.2025.



Students Achievements and Awards



IE Students Chapter Established

004546

625701/KCET/MC

The Institution of Engineers (India)



is pleased to establish Students' Chapter at the

Department of Mechanical Engineering

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

Madurai, Tamil Nadu

This Student Chapter is established for a period of

ONE YEAR



05 March 2026



04 March 2027



Issued on : 05 March 2026

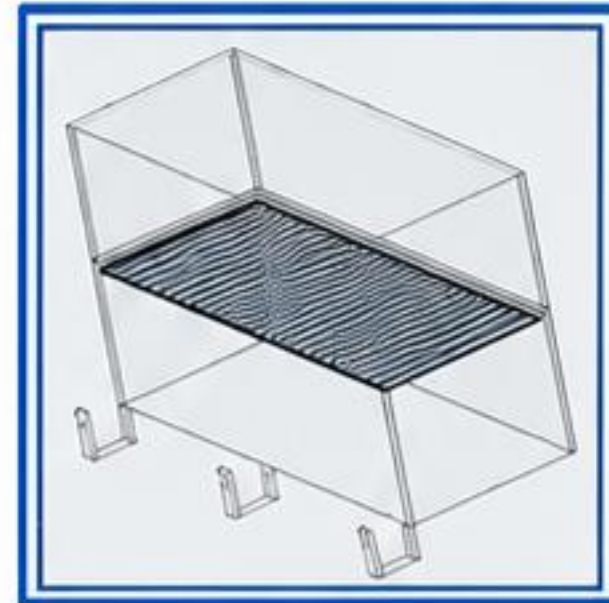
Valid up to : 04 March 2027



A handwritten signature in blue ink.

SECRETARY & DIRECTOR GENERAL

Patent granted

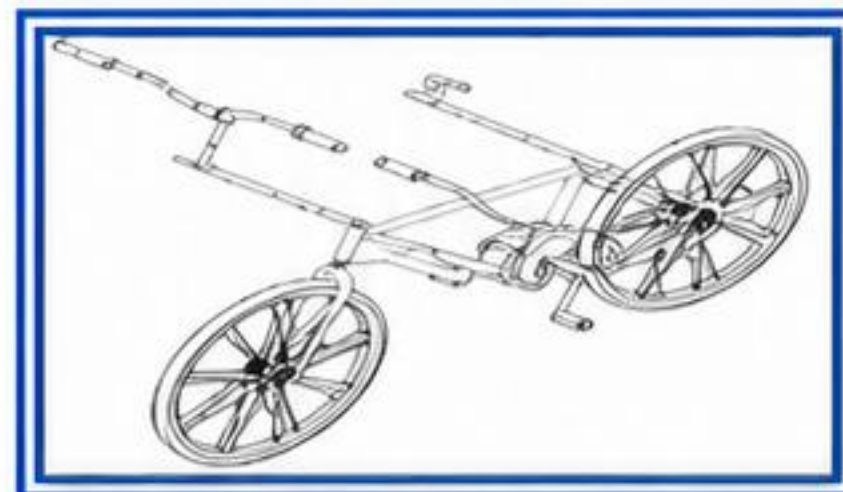


A Design patent titled “ FISH BREEDING BOX” (427514-001/ Date 25.09.2025) was granted to final year Mech Students V.Aathi , Aniket Lakra, V.Naveen sarathi along with faculty members

**Dr.B.K.Parrthipan AP/Mech
 Dr. B.Balavairavan AP/Mech
 Dr.P.Narayanasamy ASP/Mech
 Dr.S.Thangakasirajan ASP&HoD/Mech
 Dr.S.Senthil Prof / Mech**



Patent granted

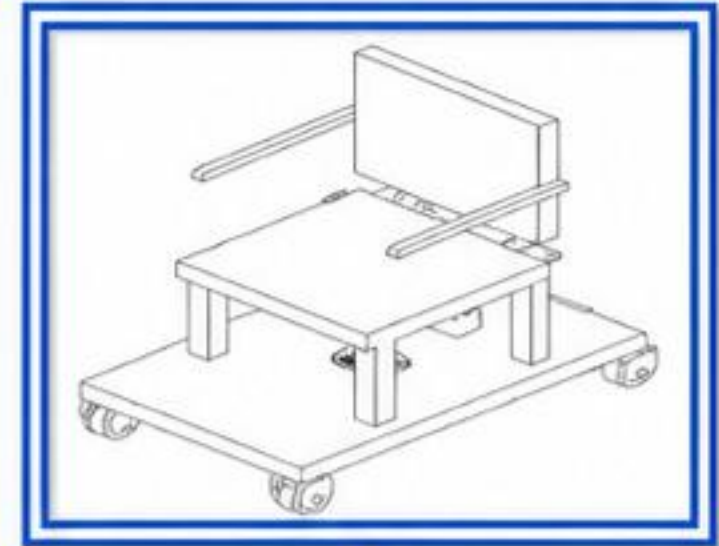
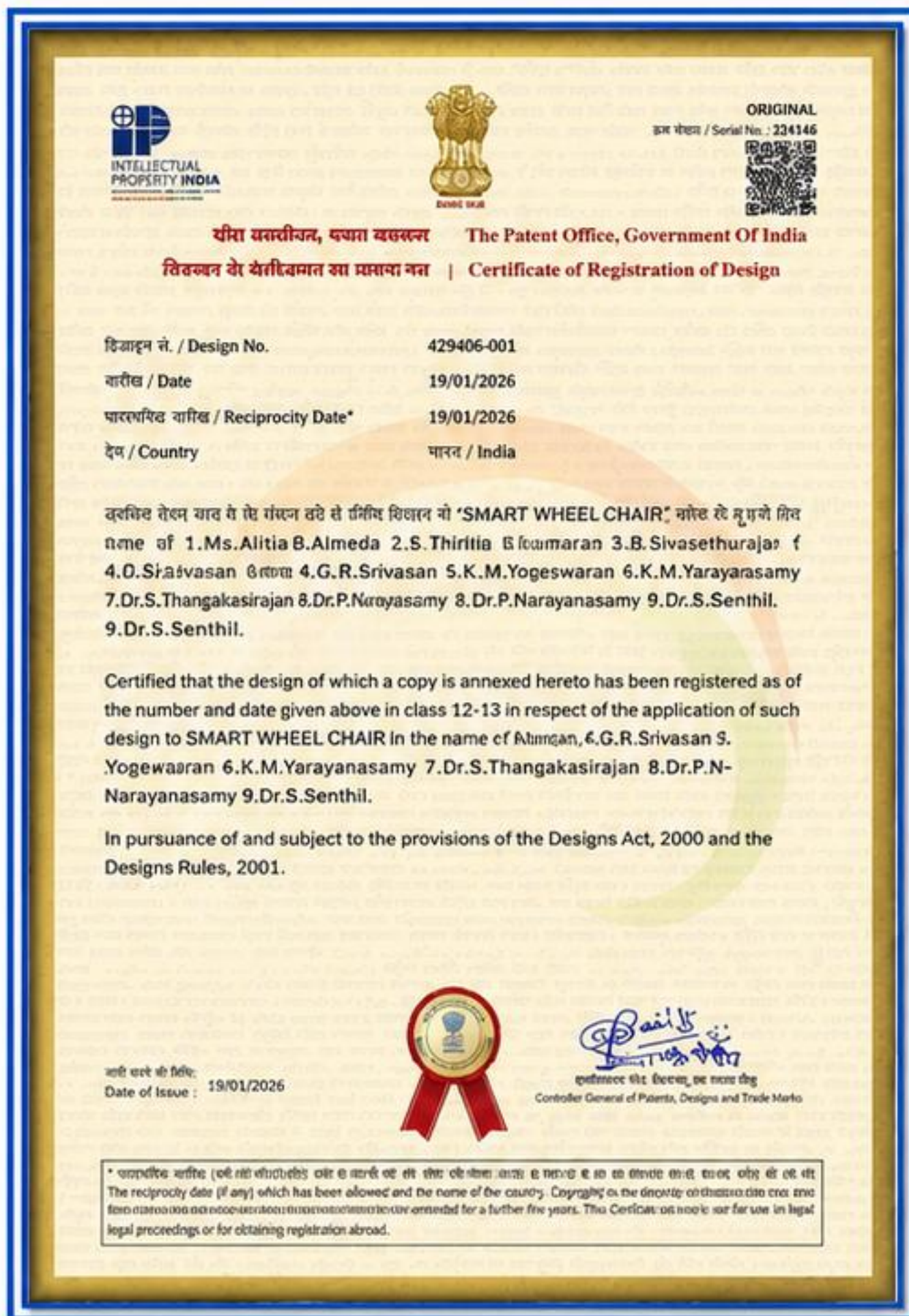


**A Design patent titled “ BICYCLE ”
(465382-001/ Date 06.11.2025) was
granted to 2025 passed out Students
Ms.Alitia B.Almeda, S.Thirumaran,
B.Sivasethurajan, G.R.Srivasan,
K.M.Yogeswaran along with faculty
members**

**Dr.B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof / Mech**

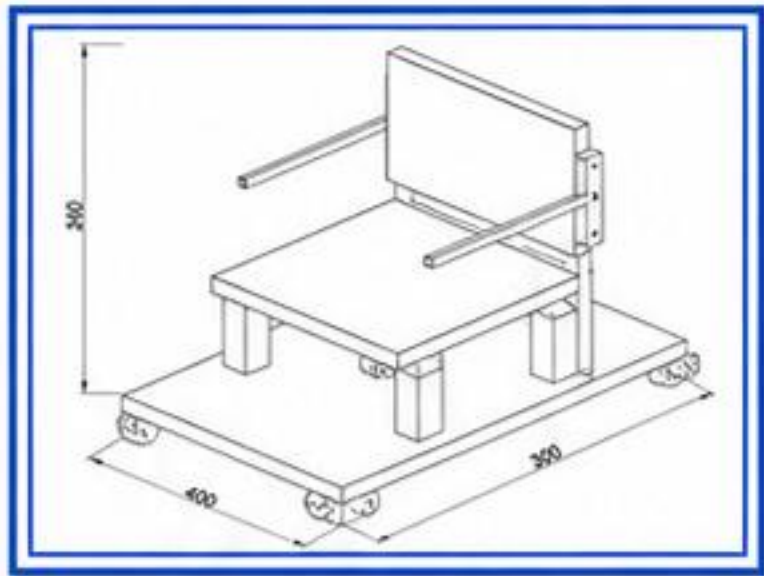


Patent granted



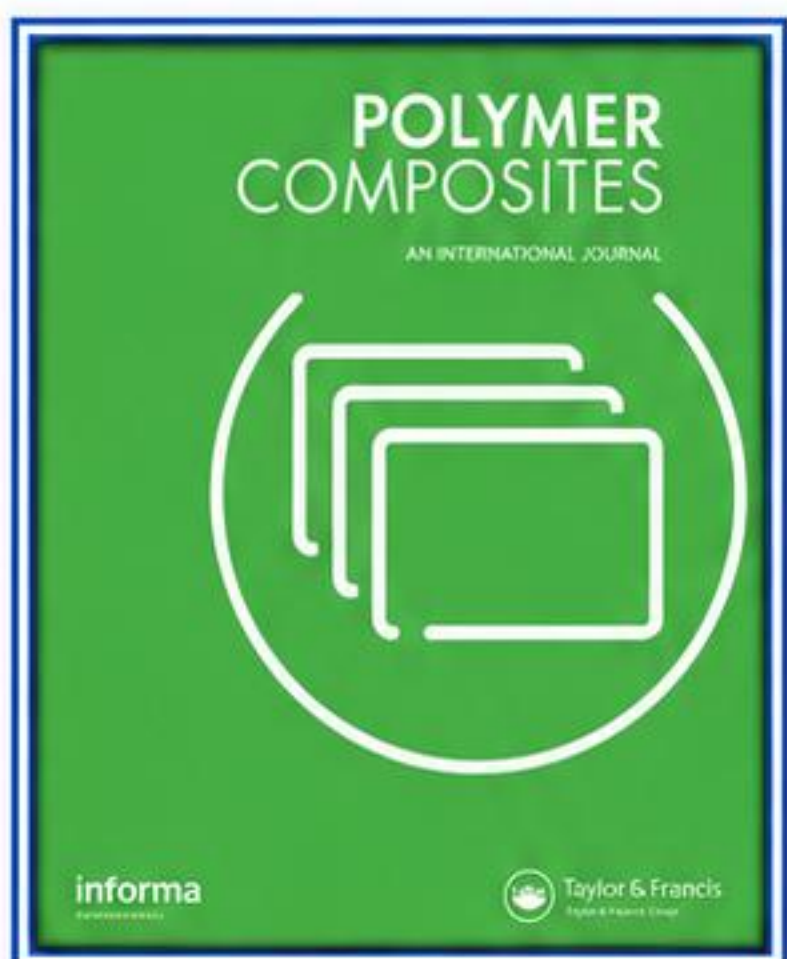
A Design patent titled “ SMART WHEEL CHAIR ” (429406-001/ Date 19.01.2026) was granted to final year Mech Students Ms.Alitia B.Almeda, S.Thirukumaran, B.Sivasetthurajan, and third year Mech Students K.Subramanipandi , P.Balakrishnan along with faculty members

**Dr.B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayanasamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof / Mech**



38

Journal Publication



Third year Mech Students M. Aravind Kumar (23UME008) and K. Ashwin (23UME011) published a research article titled, "Enhancement of the Functional Properties of Vinyl Ester Composites Using Alkali-Treated Cocos nucifera Shell Biochar for Sustainable Applications" 47(2), 1523-1537.

along with faculty members

Dr. B. Balavairavan AP/Mech

Dr. B. K. Parrthipan AP/Mech

Dr. P. Narayansamy ASP/Mech &

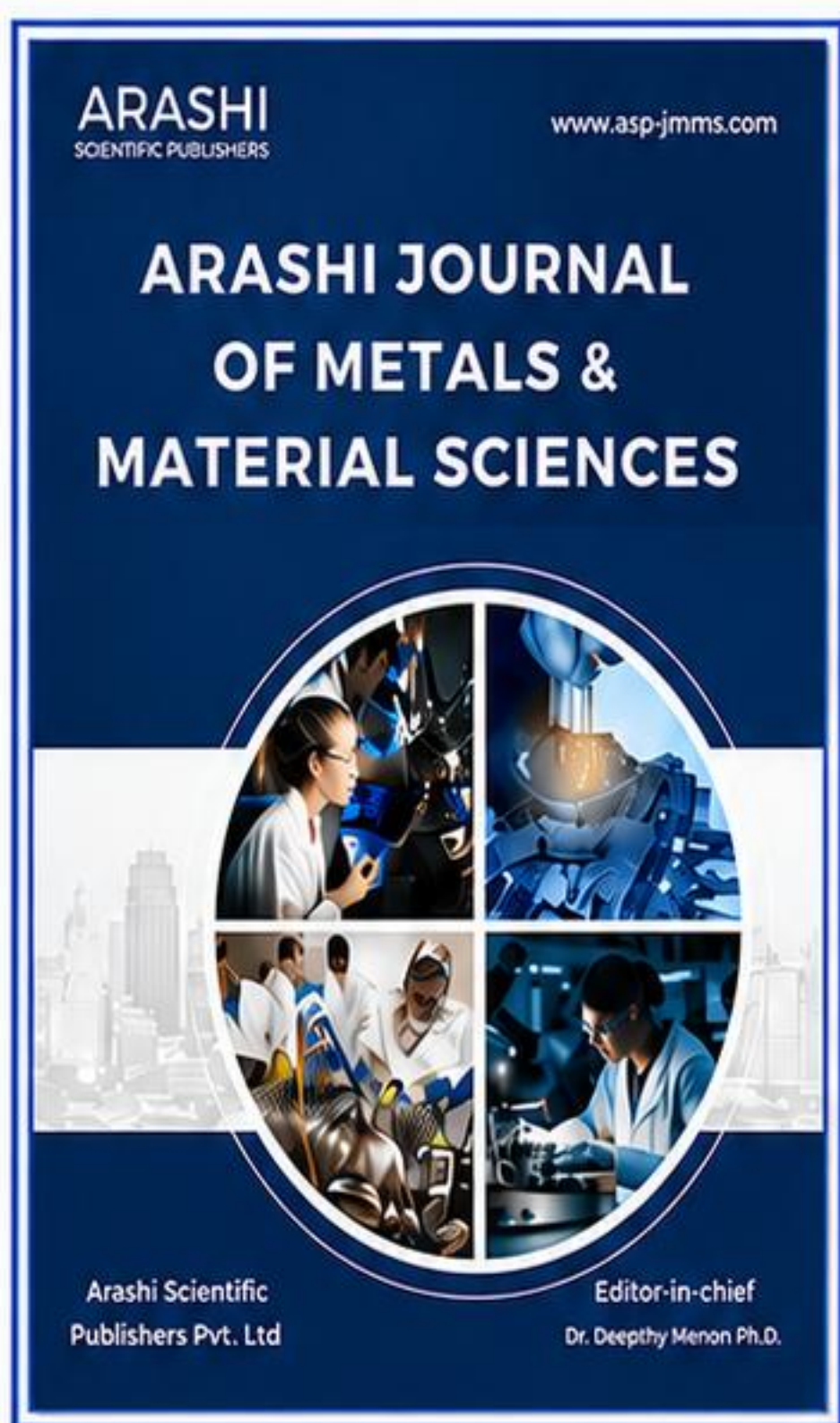
Dr. S. Thangakasirajan ASP&HoD/Mech

in Polymer Composites, Wiley online Library (DOI:1

<https://doi.org/10.1002/pc.20233>) Impact Factor 4.7 ,

Quartile (Q1).

Journal Publication



Third year Mech Student D. V. Sahi (23UME014)
and Final Third year student V. Aathi (22UME014)

published a
research article titled, "Experimental
Investigation on Mechanical Properties of
Post-Weld Heat-Treated Inconel 718/316L
Dissimilar TIG Weldments" along with faculty
members

Dr.B.K.Parrthipan AP/Mech

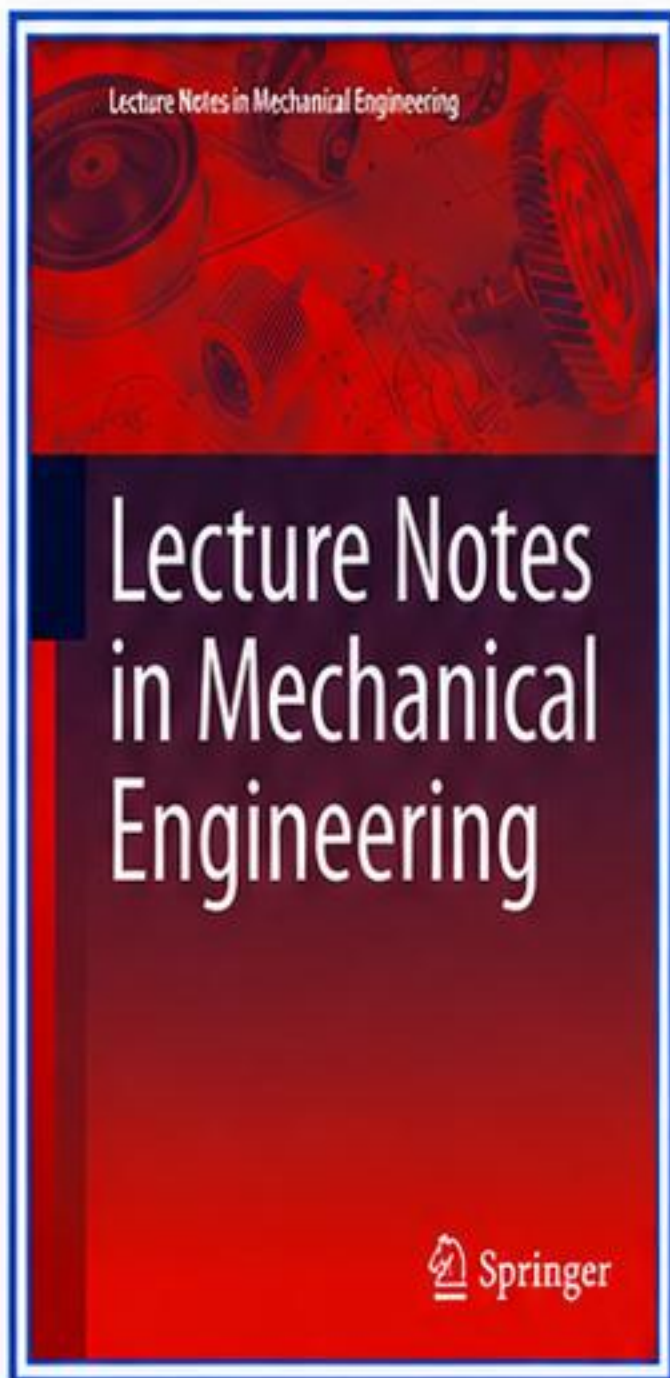
Dr. B.Balavairavan AP/Mech

Dr.P.Narayansamy ASP/Mech

in Arashi Journal of Metals & Material Sciences.
(DOI:10.54646/jmms.2025.0004), Impact Factor 2.2,
Crossref and Google Scholar indexed



Book Chapter Publication



2025 Passed out Mech Students
G.R Srivasan
(21UME034), M.Kannan (21UME015),
V.Pragathiswaran (21UME033)
published a Book Chapter titled,
“ Improving Photogrammetry
System through the Development of
Low –Cost Data Acquisition Device
Setup for the Construction of
Complex Geometries, Responsible and
Resilient Design for Society”,
Volume 9, ICoRD 2025 (pp. 245-255)
along with faculty member
Dr.R.Sakthivel Murugan AP/Mech
in Lecture Notes in Mechanical
Engineering, Springer Singapore .
(https://doi.org/10.1007/978-981-96-7312-4_19),
Impact Factor 0.16, Quartile (Q4).

Lecture Notes in Mechanical Engineering

Q4

Aerospace Engineering

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IIT Madras
Chennai, India

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**ICSESBM
2025**

International Conference on
**Surface Engineering of
Sustainable &
Bio Materials**

09 - 12 DECEMBER, 2025

IIT MADRAS, CHENNAI



Paper Titled

**“ Development and
Characterisation of novel
Artocarpus Heterophyllus
Seed Sheath Particulate
Filler Reinforced
Polylactic Acid Biofilms for
Sustainable Packaging ”**



Mr. D.V. Sahi
Third Year
Mechanical Engineering
Student



Dr. B. Balavairavan
Assistant Professor
Department of
Mechanical Engineering



Mr. K. Ashwin
Third Year
Mechanical Engineering
Student



PROUD MOMENT

Dr. B. Balavairavan along with
Third year Mechanical Engineering
students Mr. D.V. Sahi and
Mr. K. Ashwin presented their
research paper in the prestigious
International Conference on
Surface Engineering of
Sustainable and Bio Materials
(ICSESBM 2025) at
IIT Madras, Chennai.



*Your dedication to research and innovation paves the way for
a sustainable future. Wishing you continued success!*



IIT Delhi



IIT Madras



SHARPEN, Thailand



Sustainable
Materials



Surface
Engineering



Innovation for
a Better Future

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S.P.G.C. Nagar, K. Vellakulam - 625 705 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering
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Congratulations!



Congratulations to the first-year Mechanical Engineering students
Mr. N. K. Shusekan Babu and Mr. R. Praveen, along with faculty
members **Dr. S. Muthu Natarajan (AP/General Engineering)** and
Dr. J. Dhanalakshmi (AP/Chemistry), for successfully presenting a
paper at the International Conference on Innovations in Thermal,
Manufacturing, Structural and Environmental Engineering
(ICITMSEE'26), organized by **Kongunadu College of Engineering
and Technology, Trichy**, on **23.03.2026**.



Dr.S.Muthu Natarajan
AP/Gen. Engg.



Dr.J.Dhanalakshmi
AP/Chem



Mr.N.K.Shusekan Babu
1st Year - Mech



Mr.R.Praveen
1st Year - Mech



Students Achievements



Third Year Mechanical Engineering students M. Aravind Kumar (23UME008), N. Vasanth kumar (23UME008), N. Mahalingam (23UME023), and J. Sharukesh (23UMF026) “🏆” won the overall third prize of ₹2,000 in the ‘Sky Forge’ event . The competition, which included Quiz, Modeling of Drone and its Simulation, was conducted by the Department of Aeronautical Engineering at Kalasalingam University on 13th & 14th March 2026. 🍌 🍌



Second Year Mechanical Engineering Student M.Ariharasudhan “🏆” won second place and a cash prize of Rs. 1500/- in the speech competition titled ‘இலக்கியத்தில் பொறியியல் பொறியியல் 🏆’, jointly organised by the Tamil Mandram and the Rotaract Club of KCET” on 12.03.2026. 🍌 🍌



Second Year Mechanical Engineering students Lakshmanan (24UME021) and A.C.T .Mohan Ram (24UME015) “🏆” won “2nd prize” in the Non-Technical event 'Movie Recreation' and a cash prize of ₹1,000! 🍌 conducted by SNS Engg College on 13.03.2026. 🍌 🍌



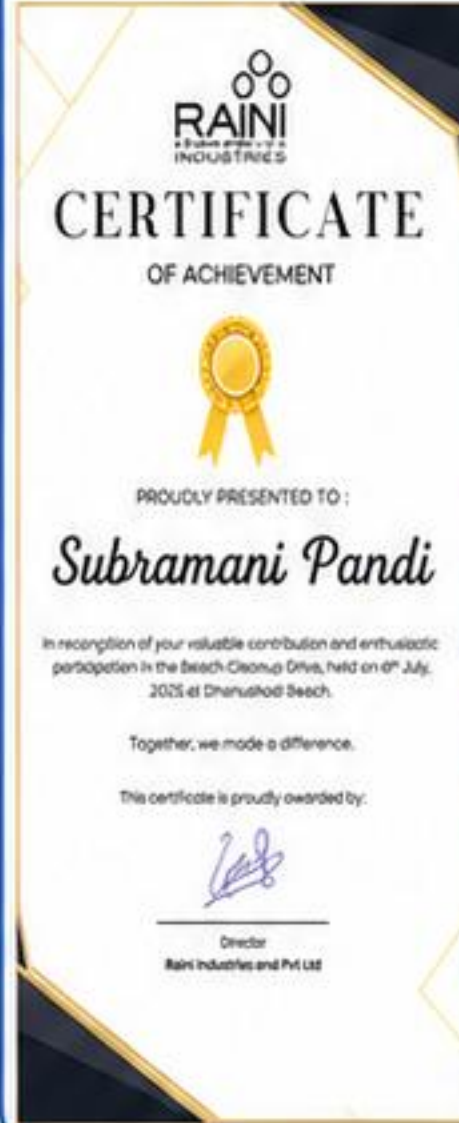
Third YEAR Mechanical Engineering Students N. Vasanthkumar (23UME010) and M.Thangapadiraja (23UME018) “🏆” won Second Prize in Technical Quiz event and received cash prize of Rs.1000/- at the national level symposium 'Yuvasakthi 2k26' 🏆 held at NPR college of engineering and Technology, Dindugul on 07.03.2026. 🍌 🍌



Students Achievements



Third-year Mechanical Engineering student **M. Vasantha Kumar (23UME010)** was honoured by the Chairman of the IE Madurai Local Centre, Mr. N. Narayanasamy, for his innovative design and 3D-printed memento. 🍊 🍊



சென்னை திருமல்லலாங்கம் தமிழ்தாடு மாநில தொழில் மேம்பாட்டு
மெகத்தித் கேரல் சிபுமெத்திள் ரொங்ஹி இண்டஸ்ட்ரீஸ் திஸ் ஓதலிப
வினத்தித். விமில் டெரகத்தித், துள்திதததததிதததததத் திவததத் தாத்
கபர்க் காத் ததி துண்டத்தித் துண்டத் கத்திதததத். கெட. திதததத்
தம் பத்தகனாம், கார் டெகத்தித் துருகனத் துரு துருத்திததத
துலதெயர்ல் துதித் ரொன் தெனாததி இலாண்ட்ரில் துயத்மாத் ததி
இயுதியா ரொர்க, இலபத்தித் பத்திததத் கத்தித் கெத்தித்
தத்தித் மதத் திபத்தாம் தெனத்தித் இலபத்தித் கத்தித் கத்
தததத் ப தத்தகார்ல் இத்தித் துருத் பவ சததத டனிகத் இத்தித்
இலபத்தித் சன்று தெபதி இலாண்ட்ரில் தததித் தொதினனர்கள் யத்தித்
இயத்தித் தாதிததததத்.

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94870 13182

NEWS PAPER Clippings

✨ ✨ ✨ Hands That Clean, Hearts That Care! ✨ ✨ ✨

III year Mechanical students **K. Subramani Pandi (23UME007)** and **M. Vishal (23UME015)** for taking part in the beach clean-up drive organised by Raini Industry, Chennai on 06.07.2025 during the Internship Period. 🍊 🍊

Students Achievements



Final year mechanical Engineering student Naveen Sarathi (22UME022) received a 🏆 "Students Change maker of the Year Award" 🏆 from the Bhumi NGO on 14.12.2025. 🙌 🙌

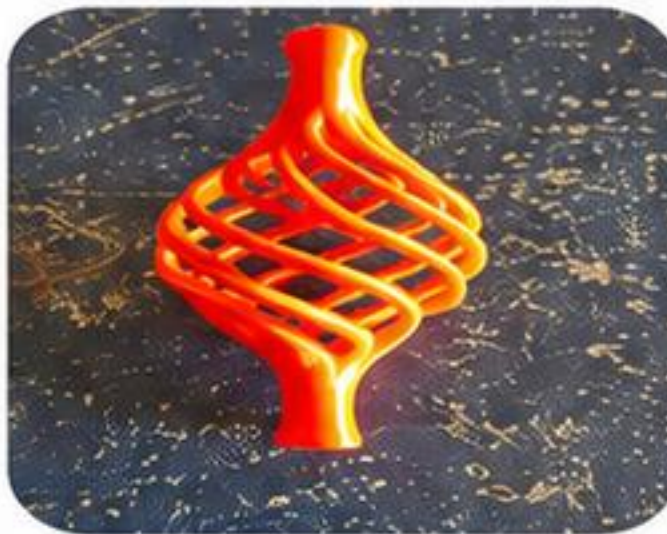


Third year Mechanical Engineering Student Shiva Kumar (23UME027) taken part in our college Boys Cricket team 🏆 "won the Second place" 🏆 in the Anna university 17th Zone inter collegiate cricket tournament for boys held at Chettinad college of Engineering, Karur on 25.11.2025 🙌 🙌

3D printed Miniature Models fabricated by Students



Third Year Mechanical Engineering students successfully “Designed and Fabricated a 3D-printed miniature model” as part of their Reverse Engineering course assignment in the KCET 3D Printing Laboratory during the Even Semester of the academic year 2025 - 26. 🙌🙌



Achievements in Mini Technovision



**Third Year Mech students
Muthuraja.M (23UME004), Tharun
Raj .P.S (23UME028) secured a
"Overall Runner Up" Award**

**Project Title : Smart Automatic Car
Cover System with Rain and
Temperature Monitoring
Guide : Mr. D. Palani Kumar
AP/Gen.Engg**



**Third Year Mech students
Thangapandiaraja (23UME018),
Pon ganesh ram (23UME019) secured a
" Department Level Runner" Award**

**Project Title : Design and Development
of an Automatic Solid-Liquid Bio Waste
Separator for Western Toilet System
Guide : Dr. R. Sakthivel Murugan
AP/Mech**



Achievements in NPTEL Exams – II Year Students



Elite + Silver



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Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

NPTEL Achievers - Jan - Mar 2026

Course Name - Product Engineering and Design Thinking



SURIYAPRAKASH V M
II Mech



LAKSHMI NARAYANAN K
II Mech



SABARIVAASAN S
II Mech



HARINI V S
II Mech



SUDHARSON S
II Mech

Your dedication, consistent effort, and commitment to learning beyond the classroom are truly commendable.

Congratulations!





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NPTEL Achievers - Jan - Mar 2026
Category: Elite

Course Name - Product Engineering and Design Thinking





VARADHARAJAN M
II Mech



NARESH KANNA T
II Mech



SUGUMAR G
II Mech



AKSHAY SIVAN
II Mech



KRISHNAMOORTHI P
II Mech



MOHANRAM A C T
II Mech



SANJAY KUMAR M
II Mech



LAKSHMANAN S
II Mech



SRIDHARAN A
II Mech



MANOJ S
II Mech



AJAY CHANDRAN S
II Mech





(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
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Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

NPTEL Achievers: Jan - Mar 2026
Category: Successfully completed

Course Name -
Product Engineering and Design Thinking





KARTHI.K
II Mech



GURU VISHNU M
II Mech



RAJAPANDI S
II Mech







Achievements in NPTEL Exams – III Year Students

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Congratulations!

SAHI.D.V
(24UME0014)
III YEAR MECHANICAL ENGINEERING

Proudly Secured
Elite+Silver
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‘AUTOTRONICS’
during Jan-Apr 2026
NPTEL Online Certification Exams

Your Achievement,
Our Pride,
Inspiring the Future!

Keep Innovating.
Keep Achieving.
The Road Ahead is Yours!

★ EXCELLENCE

💡 INNOVATION

🛡️ INTEGRITY

🤝 SERVICE

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S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Congratulations!

YOKAHARIHARAN.S
(24UME0012)
III YEAR MECHANICAL ENGINEERING

Proudly Secured
Elite
IN THE COURSE
**‘MANUFACTURING GUIDELINES
FOR PRODUCT DESIGN’**
during Jan-Apr 2026
NPTEL Online Certification Exams

Your Achievement,
Our Pride,
Inspiring the Future!

Design with Purpose.

Manufacture with Precision.

Lead with Innovation!

★ EXCELLENCE

💡 INNOVATION

🛡️ INTEGRITY

🤝 SERVICE

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Congratulations!

PROUD OF YOUR ACHIEVEMENT

The following III yr Mechanical students secured
ELITE
IN THE NPTEL COURSE

PRODUCT DESIGN AND MANUFACTURING
(12 weeks NPTEL online certification course)
(Jan - Apr 2026)

1

MUTHURAJA.M
(23UME004)

2

DHARINGESH.S
(23UME002)

3

MAHALINGAM.N
(23UME025)

4

PON GANESH RAM.M
(23UME019)

5

VARUNESHBALAA.M
(23UME024)

6

SHIVAKUMAR.M
(23UME029)

7

VASANTHKUMAR.N
(23UME010)

8

KARTHIKEYAN.N
(23UME006)

9

THANGAPANDIRAJ.M
(23UME018)

Your hard work, dedication and perseverance
have brought you this well-deserved success.
Keep Learning, Keep Growing, Keep Inspiring!

LEARN
CONTINUOUSLY

THINK
INNOVATIVELY

WORK
SMARTER

ACHIEVE
GREATNESS

50

Students - Short Term Course



Hands on Training in
IoT Sensors



Advanced Composites
Lab Visit



Advanced Composites
Lab Visit



3D Printing Lab Visit



Drones Lab Visit



Research and Innovation Hub Visit

15 Third-Year Mech students, along with Faculty Member Dr. B. Balavairavan, AP/Mech, Successfully completed the Short-Term Course on "Industrial Internet of Things (IIoT)" conducted at SASTRA University, Thanjavur, from 04.08.2025 to 08.08.2025.



Best Bajaj Engineering skills Training centre visit

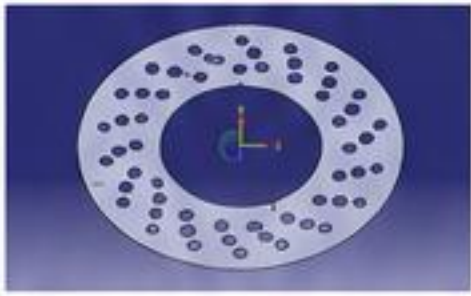
Students Design and Simulation Posters in – 24 Hours Simulation Hackathon

DESIGN AND OPTIMIZATION OF THERMAL PROPERTIES OF A VENTILATED DISC BRAKE ROTOR FOR DISTINCT MATERIALS

Simulation by Sahi D V, 23UME014, UG Student, 2023-2027 Batch, Department of Mechanical Engineering

Original Component Overview

Disc Rotor Model

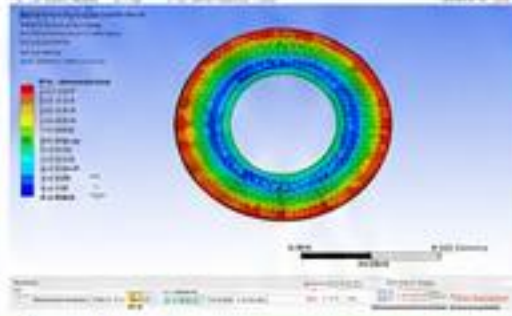


Material : Stainless Steel 316

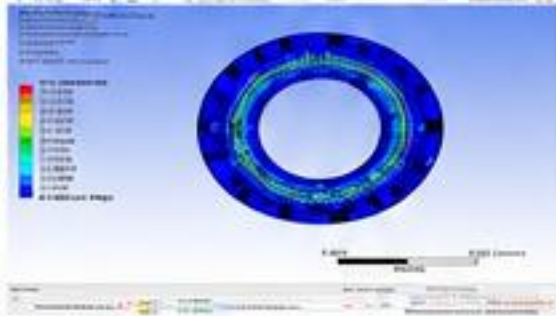


Properties of Stainless Steel
Analysis : Static Thermal Coupled

Original Component FEA Results



0.065 mm
Total deformation



5768.6 W/M²
Heat Flux

Redesigned Component Overview

Redesign Model 1



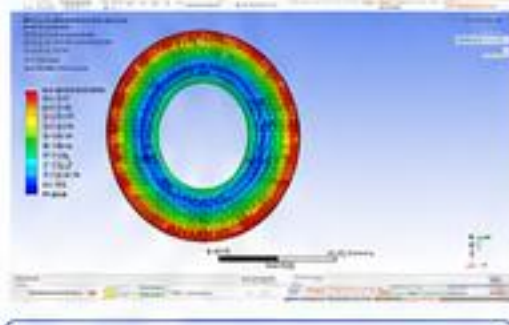
Properties of High Carbon Steel

Redesign Model 2

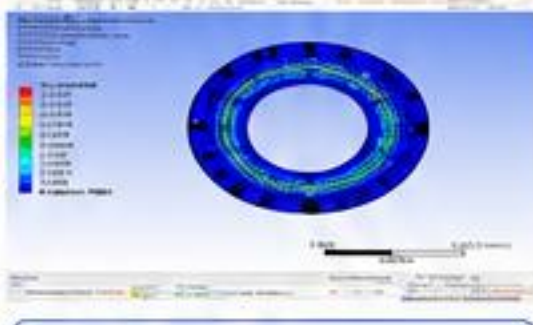


Properties of Aluminum Alloy

Redesigned Component FEA Results

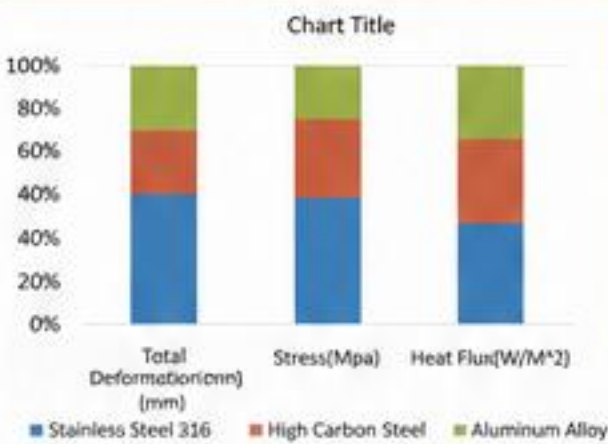


0.03 mm
Total deformation



5866.6 W/M²
Heat Flux

Comparison Table : Original Component Vs Redesigned Component(s)



Material	Deformation (mm)	Stress(Mpa)	Heat Flux(W/M ²)
SS	0.06	880.36	5786.6
HC-S	0.03	707.06	5850.12
A-A	0.04	487.8	5866.71

Summary

- Reduction of mass by 35 % due to low denser alloy usage.
- Reduce in the total deformation by 40%.
- 2 % increase in Heat Flux Properties.

References

"Design, Analysis and Optimization of Disc Brake Material for Automotive"
S. B. Harishchandra, E. Jeovan, Mahesha, Hemavardhan J. J. Materials and Today: Proceedings [2020] (2020) 1, Issue 2, pp 86–95, Elsevier B.V.
DOI: <https://doi.org/10.1016/j.matpr.2020.04.223>

QR Code Link



Steady-State Thermal Optimization of a Spiral Fin-and-Tube Heat Exchanger

Simulation by N.Vasanthkumar, 23UME010 ,UG Student, 2023-2027 Batch, Department of Mechanical Engineering

Original Component Overview

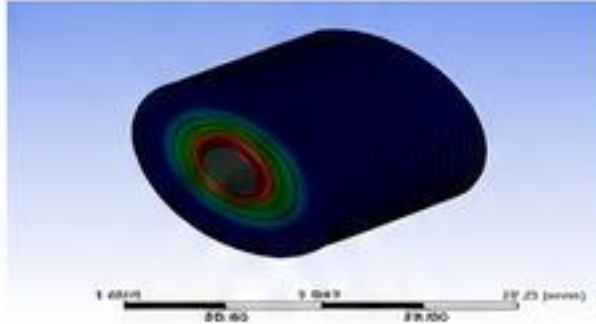
Fin and tube heat exchanger



Material : 30S staines steel

Analysis : Static State Thermal Analysis

Original Component FEA Results

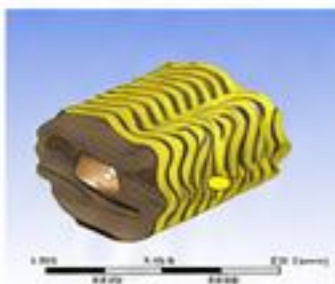


44 c
Heat transfer

85 c
Original temperature

Redesigned Component Overview

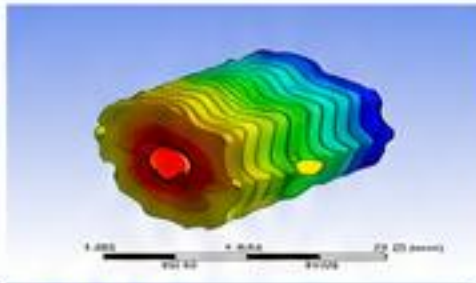
Redesign Model 1



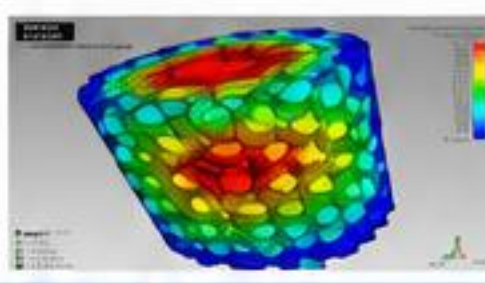
Redesign Model 2



Redesigned Component FEA Results



80c - 44 c
Temperature different



85c - 23c
Temperature different

Comparison Table : Original Component Vs Redesigned Component(s)

RE-DESIGN PRODUCT COMPARISON:THERMAL PERFORMANCE

Metric	80°C - 44 °C Temperature Difference	85°C - 23 °C Temperature Difference	Product 2 (Redesign B)
Visualization			
Maximum Temperature (T _{max})	80°C	85°C	
Minimum Temperature (T _{min})	44°C	23°C	
ΔT Temperature Difference (ΔT)	36°C	62°C	
Key Design Feature	Traditional Finned Structure	Advanced Gyroid Lattice Porous, Enhanced Surface Area	

Summary

- Tests CAD Model by virtually it acts as a digital testing lab where you can test your product and its working, perform without having to build a physical version first.
- Simulates Real-World Physios: It calculates exactly how your product behaves, just like in real life.

References

Heat Transfer Simulation and Structural Optimization of Spiral Fin-and-Tube Heat Exchanger

QR Code Link



Students - Value added course



**26 III Year Mechanical Engineering Students
successfully completed the Value added
course on “CATIA” from 14.07.2025 to
19.07.2025 by KARF Technovate, Kallakurichi.
Resource Person : Jafer**



KARF TECHNOVATE

AN INDUSTRIAL ENGINEER'S DRIVEN



Students - Value added course

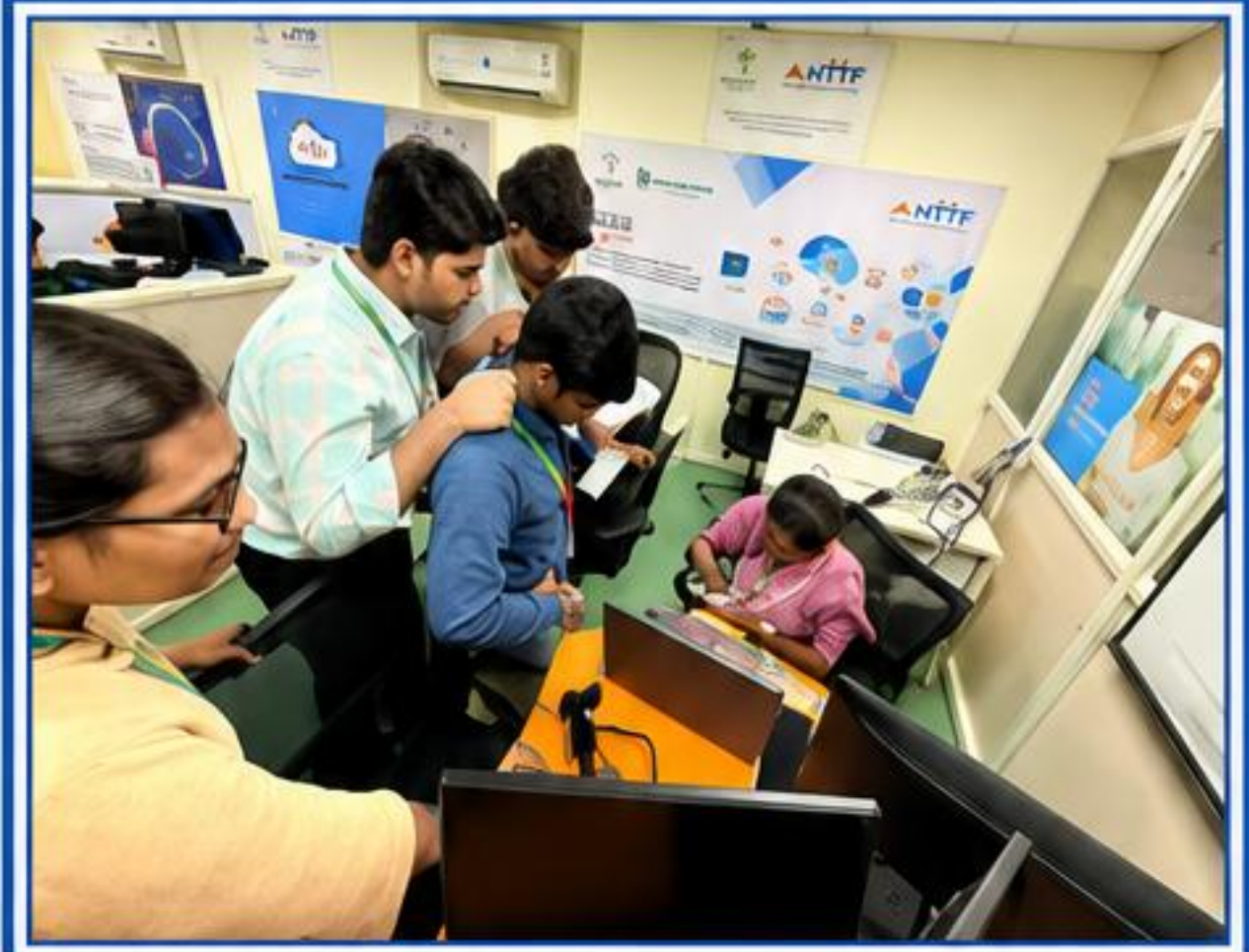


16 II Year Mechanical Engineering Students successfully completed the Value added course on "CNC Tooling and Design" from 19.01.2026 to 24.01.2026 at NTTF, Bangalore




Securing your Future with your own Hands

Students - Value added course



9 II Year Mechanical Engineering
Students successfully completed
the Value added course on
“Internet of Things” from
19.01.2026 to 24.01.2026 at NTTF,
Bangalore



Securing your Future with your own Hands

Students Industrial Visit



II and III year Mechanical Engineering students visited the M/s. J.K. FENNER (INDIA) Limited, Madurai accompanied by Faculty members Dr.B.Balavaraivan AP/Mech and Dr.B.K.Parrthipan AP/Mech on 21.07.2025

III and IV year Mechanical Engineering Students visited the VTM limited, Textile Mills Ltd, Sulakarai, Virudhunagar, Accompanied by Faculty members Dr. N.R.Madhan AP/Mech and Dr.S.Muthunatarajan AP/Gen.Engg on 01.09.2025



I year Mechanical Engineering students Visited the J.K. Fenner India Limited, Madurai Accompanied by Dr. and Dr.S.Muthunatarajan AP/Gen.Engg on 20.02.2026

Students Mumbai Visit



II year Mechanical Engineering Students along with Me. N.R.Madhan AP/Mech attended the "Automation EXPO 2025, Mumbai from 05.08.2025 to 09.08.2025" Interacted various Industrial Experts More than 30 companies agreed to offer Internship and Placement 📁 📁



Students Performance in 2025-26 (EVEN)

Co-Curricular Activities	II Year Mech Students (Total Strength 25)	III Year Mech Students (Total Strength 26)	IV Year Mech Students (Total Strength 31)
Participation of Paper Presentation in Symposium	20	22	10
Patent filling by Students	-	-	-
Technical and Non technical events participation	15	20	15
Paper presentation in Conference (National/International)	1	6	31

Our Recruiters



Students Placement

Outcomes – Students Placement

Total No of Students : 31

No of Students Placed : 27

Average Salary : 3.37 L



Students Placement (Batch 2022-2026)

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar,K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering

(Accredited by NBA, New Delhi)

CONGRATULATIONS FOR BEING PLACED AT

TOP ROCK INTERIORS, DUBAI



M. Karthik
IV Mech

*Huge congratulations on your placement!
All your hard work has paid off, and this is a truly
well-deserved success.*

Congratulations!

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar,K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering

(Accredited by NBA, New Delhi)

Congratulations for being placed at

Raini Industries, Chennai



A Gowtham
IV Mech



S Karuppasamy
IV Mech



M Velmurugan
IV Mech



T Avinesh
IV Mech



R Soleeswaran
IV Mech



G Manikandan
IV Mech



L Haribalaji
IV Mech

Congratulations!

**WISH YOU
ALL THE BEST**



Students Placement (Batch 2022-2026)

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambaram Road - C Nagarajapuram Campus
S.P.G.C. Nagar, K. Velankulam - 625 701 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for being placed at

**M/S. MOTHERSON AUTOMOTIVE
TECHNOLOGIES & ENGINEERING, CHENNAI**



Vigneshwar S
IV - Mech



Aravind Kumar S
IV - Mech



CTC: 4.40 LPA



Your success is well deserved, and your journey is just beginning. Shine bright and keep achieving!

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambaram Road - C Nagarajapuram Campus
S.P.G.C. Nagar, K. Velankulam - 625 701 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for being placed at

**M/S. MOTHERSON AUTOMOTIVE
TECHNOLOGIES & ENGINEERING, CHENNAI**



Naveen N M
IV - Mech



Vignesh B
IV - Mech



Vishwanardhu K
IV - Mech



Thangavel Pandian P
IV - Mech



CTC: 4.40 LPA



Your success is well deserved, and your journey is just beginning. Shine bright and keep achieving!

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambaram Road - C Nagarajapuram Campus
S.P.G.C. Nagar, K. Velankulam - 625 701 (Near VIRUDHUNAGAR).

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Core Placement



Congratulations to Final year Mechanical Engg. Student **P. Suban Kumar** for getting placed in M/S. **Schwing Stetter, Chennai.**

Heartiest congratulations on securing your core placement! Wishing you an incredible start to your professional journey.

Congratulations!



Students Placement (Batch 2022-2026)

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambaram Nader - C Nagarimal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (near VIRUDHUNAGAR).

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

*Congratulations for being placed at
MindView Global Engineering, Chennai*

G Maria Reenaldin
IV Mech

V G Sudharshan
IV Mech

N M Naveen
IV Mech

Congratulations!

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G. Chidambaram Nader - C Nagarajapuram Campus
S.P.G.C. Nager, K.Vellakulam - 825 701 (near VIRUDHUNAGAR)

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for being placed at
GE TEK Electronics Private Limited

M Surendar Kumar
IV Mech

V Naveen Sarathi
IV Mech

T S Kirubaji
IV Mech

Congratulations!

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.S.Chitenbas Kader - C Nagarommal Campus

S.P.G.C. Neger, K.Velakulam - 625 701 (near VIRUDHUNAGAR).

Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for getting Placed at
KRISH ENGINEERING, CHENNAI

GURU PRAVEEN D
IV - Mech

*Your success is well deserved, and your
journey is just beginning. Shine bright and
keep achieving!*



Students Placement (Batch 2022-2026)



Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for being placed at
Unitherm Engineers Ltd, Chennai



T Abinash
IV Mech



S P Vijayan
IV Mech



B Paramasivan
IV Mech



S Sivakannan
IV Mech



K Vishwa Marudhu
IV Mech



P Thangavel Pandian
IV Mech



S Aravind Kumar
IV Mech



S Vigneshwar
IV Mech

Congratulations!

**WISH YOU
ALL THE BEST**



Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for getting Placed at
TRANSENERGY PRIVATE LIMITED, CHENNAI



MURUGAN J
IV - Mech

*Your success is well deserved, and your
journey is just beginning. Shine bright and
keep achieving!*



Department of Mechanical Engineering
(Accredited by NBA, New Delhi)

Congratulations for being placed at
Wakefit Furnitures, Bangalore



S Balaji
IV Mech

Salary:
4 LPA

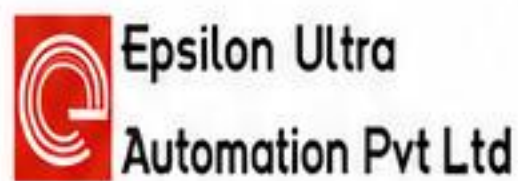
Congratulations!



Students Internship

Sl.No	Name of the Industry	Students Name
1.	Fenner India Pvt LTD, Madurai	KRISHNAMOORTHY .P SRIDHARAN .A MOHAMED APSAR .A
2.	Hyundai Chennai	HARINI .V S
3.	Ramco Cements, Virudhunagar	NARESH KANNA .T SURIYAPRAKASH .V .M SABARIVAASAN .S ANJAY KUMAR .M
4.	SEGA PLASCAN PVT LTD, Virudhunagar	SURYA PRAKASH .C GURU VISHNU .M RAJAPANDI .S AJAY CHANDRAN .S
5.	TAFE Limited, Vadipatti	LAKSHMANAN .S MOHANRAM .A C T LAKSHMANAN .S
6.	TVS Srichakra Ltd, Madurai	ARIHARASUDHAN .M AKSHAY SIVAN
7.	Epsilon Ultra Automation Pvt Ltd	MUKILARASAN M GIRIDHARAN NTHARUNRAJ .P .S
8.	Mahindra and Mahindra Limited, Chennai.	DHARINEESH S KARTHICKEYAN M ARUN PRAKASH S
9.	NOVA CARBONS, Tirunelveli	THANGAPANDIRAJA M, PON GANESH RAM M, BALAKRISHNAN PSHIVAKUMAAR.M
10	SCHWING STETTER INDIA PVT LTD	MUTHURAJA M , VASANTHKUMAR N MAHALINGAM M, VARUNESHBALAA M, ESAKKI SUDHAIN E
11	RANE MADRAS LIMITED	ASHWIN K MAYILKANI B SHARUKESH J

Students Internship : 2025-26 ODD & EVEN Semester



Events Organized by Department (2025-26) Total Events – 20



**"Hands on Training
Programme on IoT" from
21.07.25 to 23.07.25**

Resource Person:
Mrs.C.Nagaveni, Dr.R.Ashok,
Dr.R.Rajprabhu, Mr.S.Alwyn
Rajiv, Mr.P.Aravind,
Mr.S.Wesley Moses



**Guest Lecture "Electro-
Mechanical Design and
Analysis" on 25.07.26**

Resource Person:
Er.S.Kanagaraj,
Specialist Senior Mechanical
Engineer, Allegion India Private
Limited, Bangalore.



**IIC sponsored Guest Lecture on
"Overview of Data Analytics" on
26.07.25**

Resource Person
Er. Lakshmi Narayanan
Strategic Sourcing Analyst
Aerospace, Defense & Marine,
TE CONNECTIVITY, Bangalore

Events Organized by Department (2025-26)



**IIC sponsored Guest Lecture on
"Sustainable Manufacturing Practices in
Belts and Hose Production" on 31.07.25**

Resource Person

Mr. Senthilkumar,

**Head of the Department, Mixing and
Calendering,**

J.K. Fenner (India) Limited, Madurai



**Guest Lecture on "A Case study in
Calculation of Heat Load for a
Workspace" on 25.09.25**

Resource Person

**Mr.S.G.Ritheesh Babu (2012
Alumnus)**

Babu Engineering, Madurai

Events Organized by Department (2025-26)



Technical Contest "Tech Fest 2K26"
on 25.02.2026

Chief Guest

Thiru.R.Mahesh Kumar,
Secretary, Kamaraj College of
Engineering and Technology,
Virudhunagar



FDP "CNC Machining Technology" from
26.05.2026 to 28.02.2026

Resource Person

Mr.Jeyakumar,
Service Head,
Mr.G.Murugan, Service Manager,
GMM Machine Tools Pvt. Ltd, Chennai.

Events Organized by Department (2025-26)



Virudhunagar, Tamil Nadu, India
MZD+pJY, Virudhunagar, Tamil Nadu 625701, India
Lat 9.671901° Long 77.964337°
07/10/2025 11:45 AM GMT +05:30

**Guest Lecture on “Industrial Safety”
on 07.10.2025**

Resource Person

Er. Sebastian Rayon Nixon,
Project Safety Manager,
Robert Bosch GmbH,
Germany



**Guest Lecture “Additive Manufacturing
and 3D Printing Technologies” on
01.11.2025**

Resource Person

Er.I.Balaguru,
Additive Manufacturing Expert,
3D Monotech, Chennai



**ISTE Sponsored “Intra Department
Project Expo” on 13.10.2025**

Resource Person

**Er.V.C.Venkat, SAP Developer,
Programmer Analyst Trainee,
Cognizant Technology Solutions,
Bengaluru**

Events Organized by Department (2025-26)



**Guest Lecture on the topic
"Materials and Metallurgy:
Composite Applications" on
26.03.2026**

Resource Person

Dr. Rajendra Kumar Goyal,
Professor and Head, Department of
Metallurgical & Materials
Engineering, Malaviya National
Institute of Technology (MNIT),
Jaipur.



**Workshop "3D Printing" on
20.01.2026**

Resource Person

Mr.C.Christas Immanuel,
3D Printing Engineer,
IDEAL3D, Chennai



**"Awareness Programme on
Quality and Standards" on
23.02.2026**

Resource Person

Dr. K. Murugananthan
AP/Gen.Engg/KCET

Events Organized by Department (2025-26)

**ISTE Sponsored
“Intra Department
Project Expo” for II
year Mech students**

**Conducted on
13.10.2025**

**Project Evaluator :
Er. V.C. Venkat
SAP developer,
Cognitive Infotech
India (p)Ltd , Bengaluru**



Events Organized by Department (2025-26)

**Two Days Skill
Development
Programme on
“Internet of Things
(IoT)” for II Year
Mech students,
Conducted on
06.10.2025 &
07.10.2025**





**IE Funded “All India
Seminar on Recent Trends
in Use of Computational
Fluid Dynamics (CFD) for
Turbo Machinery
Applications” on
27.02.2026**

Resource Person

**Dr.M.R.Dhanasekar,
Professor, Department of
Mechanical Engineering,
KLN College of
Engineering.**





ISTE Sponsored 24 hour Hackathon "Simulation Challenge" for III year Mech Students
27.03.2026 to 28.03.2026

Chief Guest:

Dr. M. Sivasubramanian,
 Associate Professor/Mechanical Engineering,
 Kalasalingam Academy of Research and
 Education, Krishnankoil.



Inauguration



**Valedictory - Secretary and Principal
 Delivered felicitation Address**



Over night stay in CAD lab, Students carried out given simulation challenge



**Best Optimized Design Award –
 Mr. M. Aravind kumar**



**Best Simulation Excellence Award –
 Mr. D.V.Sahi**

**Technical Symposium
"TECHNOVA'26"
on 17.03.2026**

Chief Guest

Mr. Senthilkumar,

**Head of the Department, Mixing
and Calendaring, J.K. Fenner
(India) Limited, Madurai**

Mr.J.Indrajit,

MD-Shiya Marketing, Madurai

Mr.Sakthivel,

**Love Guru Sakthi – Youtuber,
Social Media Activist**

Various Events



Resource Persons



Prof. Dr. Kadir GOK
Professor, Izmir Bakircay
University,
Turkey



Dr. H Jeevan Rao
Postdoc-Nazarbajev University,
KZ, Assistant professor-III,AIAE,



Dr. Manoj Kumar Singh
Research Scientist
King Mongkut's University of
Technology North Bangkok
(KMUTNB), Thailand



Dr. R. Prithivirajan
Associate Professor,
Madanapalle Institute of
Technology & Science
Andhra Pradesh, India



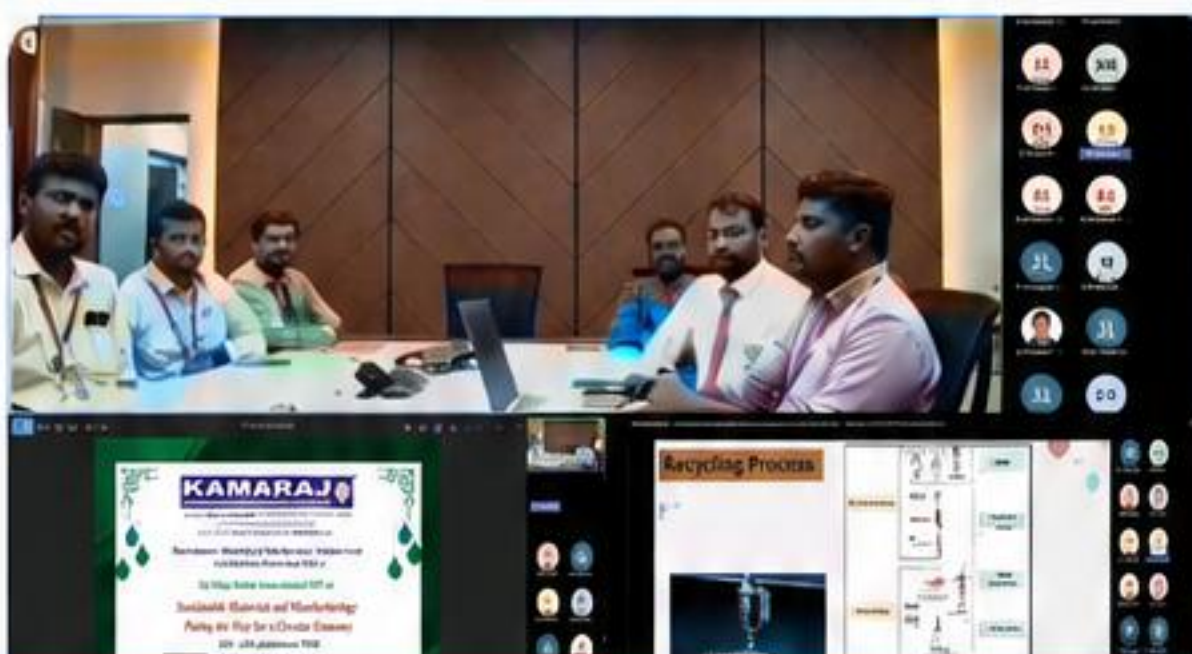
Dr. Elammaran Jayamani
Associate Professor,
Swinburne University of
Technology Sarawak Campus



Dr. Vettivel S C
CCET (Degree Wing),
Department of Technical
Education,
Chandigarh UT Administration

Six Days Online FDP on "Sustainable Materials and Manufacturing: Paving the Way for a Circular Economy

**Date : 19.01.2026 to
24.01.2026**





सह वीर्य करवावहै



Key Note Speakers

IETE and ISTE Sponsored
International Conference

titled

"AI DRIVEN INTELLIGENT SYSTEMS AND SUSTAINABLE ENGINEERING TECHNOLOGIES"

(INNOVATE'26)

Jointly Organized by



Departments
ECE, EEE and Mech



Date
24.04.2026



Online Mode

ISBN – 978-81-972203-8-8

Inaugural Address



Dr. T. P. D. Rajan

Chief Scientist
Materials Science and Technology Division,
CSIR-National Institute for Interdisciplinary
Science and Technology (CSIR-NIIST),
Ministry of Science and Technology,
Govt. of India
Trivandrum

Keynote Address



Dr. Pabitra Kumar Biswas

Associate Professor,
Department of Electrical Engineering,
National Institute of Technology,
Mizoram

Keynote Address



Dr. Kadir Gök

Professor,
Biomedical Engineering,
Izmir Bakircay University,
Turkey

Keynote Address



Dr. S. Kanthamani

Professor,
Department of ECE,
Thiagarajar College of Engineering,
Madurai

Keynote Address



Dr. Kannammal A.

Associate Professor,
PSG College of Technology,
Coimbatore

Keynote Address



Dr. Reshmy Krishnan

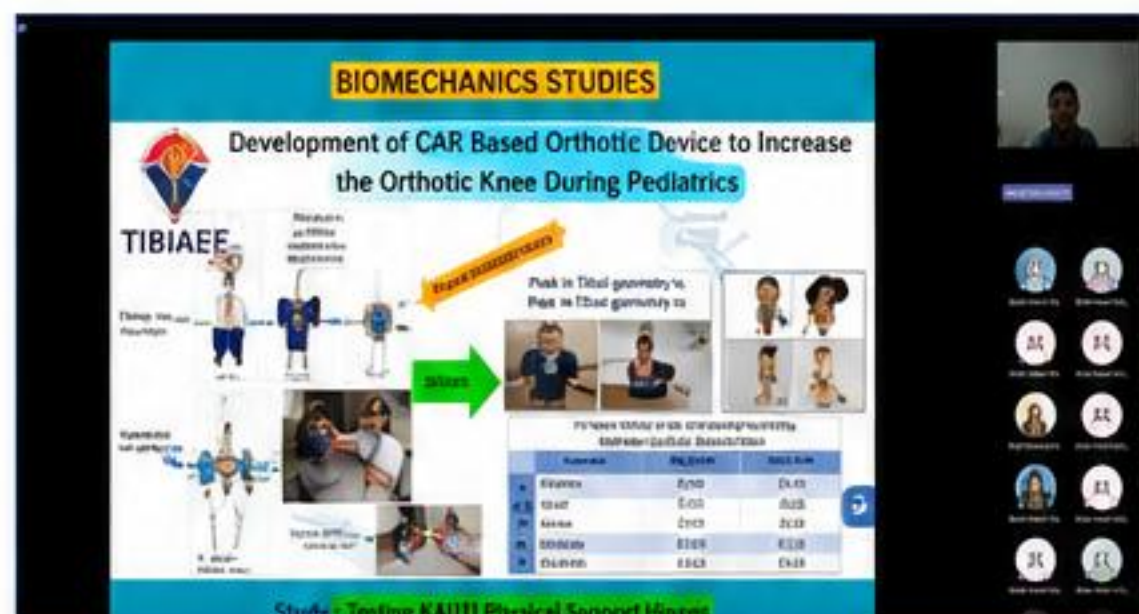
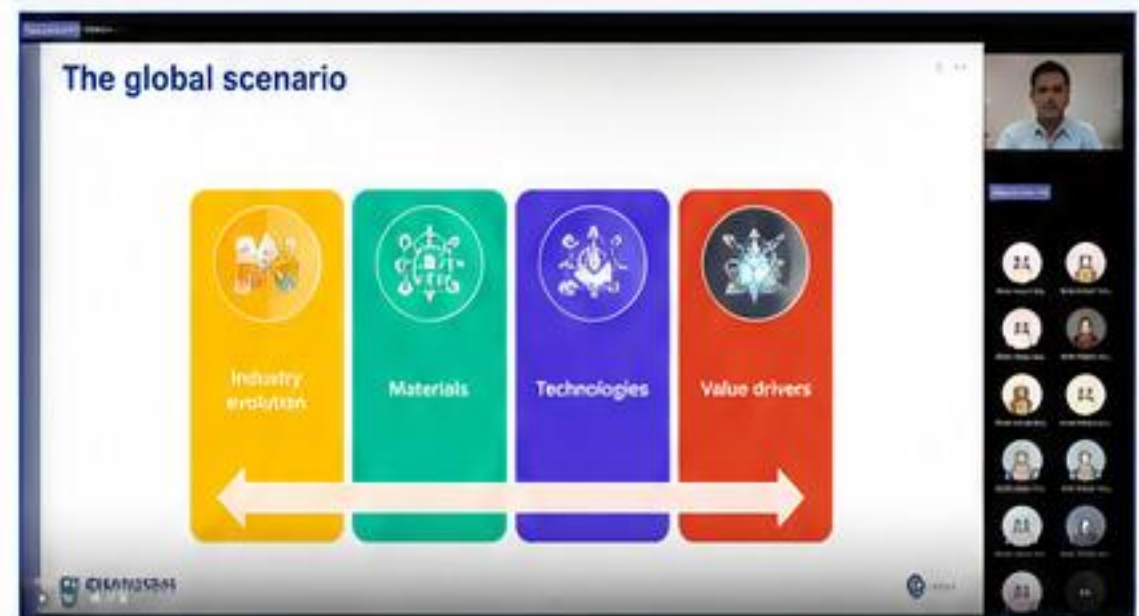
Associate Professor,
Computing Department and
Head of Research,
Muscat College

Keynote Address



Dr. Muhammad Ammirul Atiqi

Department of Electrical, Electronics
and Systems Engineering,
Faculty of Engineering and Built Environment,
Universiti Kebangsaan Malaysia



AI DRIVEN
INNOVATION



SUSTAINABLE
FUTURE



INTELLIGENT
SYSTEMS



GLOBAL
COLLABORATION



ENGINEERING
EXCELLENCE



GRADUATION DETAILS – 2025

DEPARTMENT OF MECHANICAL ENGINEERING

★ • B.E. PASS OUT – 2025 • ★



DEGREE DETAILS		COUNT
	Number of students who completed B.E. in Mechanical Engineering	23
	Number of students who completed B.E. in Mechanical Engineering with Minor in Business Data Analytics	2
	Number of students who completed B.E. in Mechanical Engineering with Minor in Computing Technology	2
	Number of students who completed B.E. in Mechanical Engineering with Minor in Embedded Systems and Robotics	1
	Number of students who completed B.E. in Mechanical Engineering with Minor in FinTech and Blockchain	1
	Number of students who completed B.E. in Mechanical Engineering with Honours	11
	Total number of graduates from the Department of Mechanical Engineering	 40 

Congratulations to the Class of 2025!

★ *Your hard work. Our pride. Your future. Our belief.* ★

Decade Reunion – Mech 2016 Batch – 13.06.2026





2022-2026 BATCH MECH STUDENTS

Thank You

The image features the words "Thank You" in a 3D, cursive script font. The text is rendered in a light blue color with a white highlight on the top of the letters, giving it a glossy, three-dimensional appearance. It is set against a background of vibrant, swirling ink or paint splatters in shades of blue, purple, and pink. The background also includes a halftone dot pattern in the corners and wavy blue lines at the top and bottom.