

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
(Approved by AICTE, New Delhi)

Department of Mechanical Engineering

An aerial photograph of the Kamaraj College of Engineering & Technology campus at dusk. The central building is a large, modern structure with a prominent entrance. In front of the building is a large, circular fountain with water spraying upwards. The campus is surrounded by lush greenery and palm trees. The sky is a mix of blue and orange, indicating the time is either early morning or late evening. The text "KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY" is visible on the building's facade.

**HIGHLIGHTS OF THE
DEPARTMENT FOR ACADEMIC
YEAR 2025-2026**

HoD Message

The Department of Mechanical Engineering started the UG programme in 2005. Mechanical Engineering is witnessing remarkable growth and opportunities especially recent advancements in materials, automation, and AI integration. From 3D printing and smart materials to renewable energy systems, these trends are shaping the future of Mechanical Engineering and opening doors to innovative solutions across various industries. The Department has highly qualified and experienced faculty members in different fields of specialization. The Department is accredited by the NBA, New Delhi.

We are dedicated in preparing students to harness the vast potential of Mechanical Engineering, contributing to a sustainable and technology-driven world. Together, we aspire to shape a brighter future with our collective expertise and passion.



Dr.S.Thanga Kasi Rajan
Associate Professor and HOD

DEPARTMENT PROFILE

Program of Study	Description
Under Graduate B.E Mechanical Engineering	Started with Approved intake of 30 seats in 2005 FILE NO.: 730-52-311(E)/ET/98 dated 09.06.2005
	Intake increased to 60 seats in 2009 FILE NO.: 730-52-311(E)/ET/98 dated 11.07.2009
	Intake increased to 120 seats in 2013 FILE NO.: Southern/1-1402872972/2013/EOA dated 19.03.2013
	Intake reduced to 60 seats in 16.06.2021 FILE NO : Southern/1-9321338833/2021/EOA dated 10.07.2021
	Intake reduced to 30 seats in 02.01.2023 _FILE NO : Southern/1-36452806855/2023/EOA dated 02.01.2023.
Research Programmes	Department is Recognized as Research center of Anna University FILE NO : 4959/IR/Mechanical/AR2 Dated : 02.12.2020

DEPARTMENT OF MECHANICAL ENGINEERING

VISION, MISSION, PEO'S & PSO'S

VISION

MISSION



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:** Graduates 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

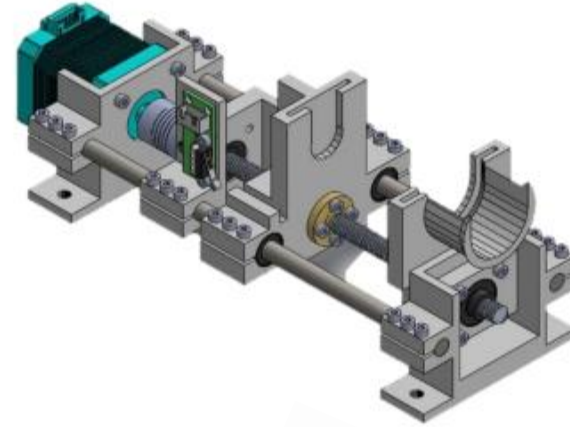
for the Research project entitled “HEAL STEP:
Smart Foot wear with Pressure Mapping for
Pain and Fatigue Relief”.

Design Patent Granted

16 Design Patent Granted During the Academic Year 2025-2026



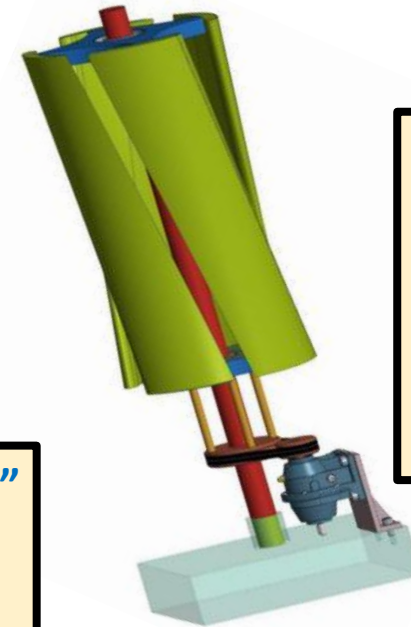
A Design patent titled “**FLIPPABLE SOLAR PANEL**” (390540-001/ Date 15.09.2025) was granted to
Dr.R.Sakthivel Murugan AP/Mech



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



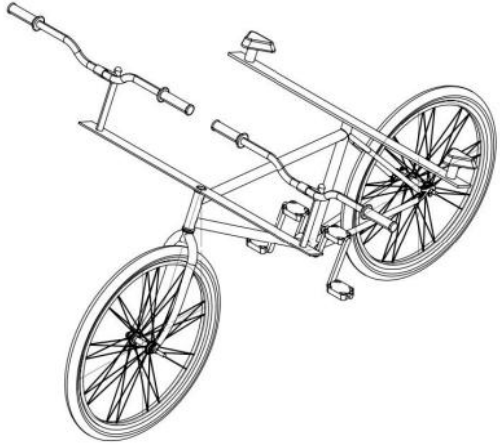
A Design patent titled “**SEED DISPENSER**” (474018-001/ Date 11.12.2025) was granted to
Dr.S.Senthil Prof / Mech



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

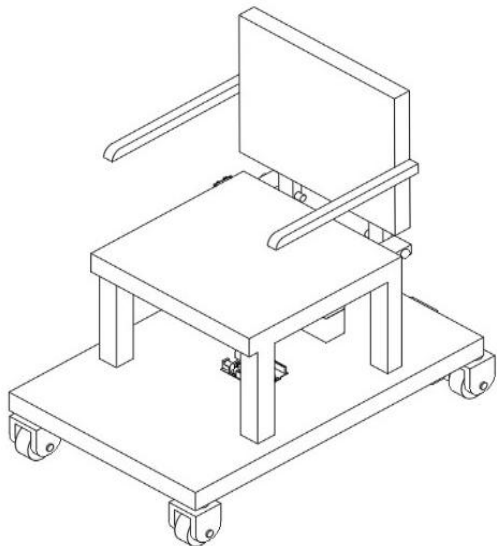


A Design patent titled “ **BICYCLE** ”
(465382-001/ Date 06.11.2025) was
granted to

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

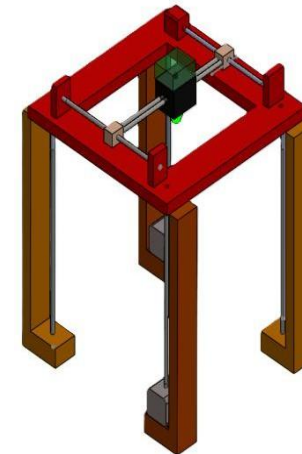


A Design patent titled “
INSULATOR ” (477-001/ Date
21.01.2026) was granted to
Dr. B.K.Parrthipan AP/Mech



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

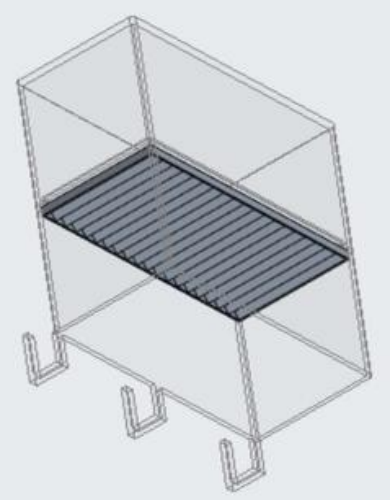
Dr.B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof / Mech



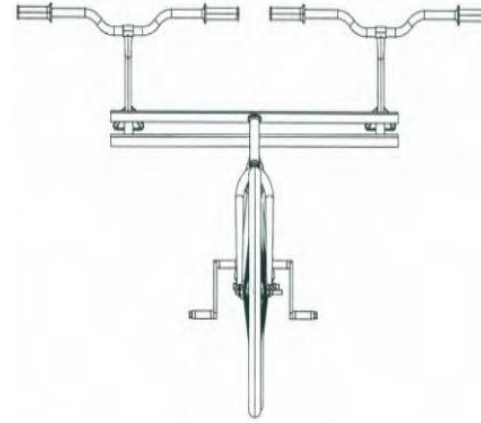
A Design patent titled “
PESTICIDE SPRAYER ” (477303-
001/ Date 02.02.2026) was
granted to
Dr.P.Narayansamy ASP/Mech
Dr.S.Senthil Prof/Mech

Design Patent Granted

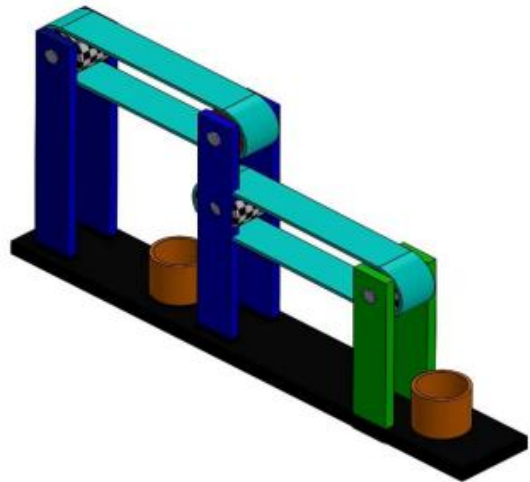
16 Design Patent Granted During the Academic Year 2025-2026



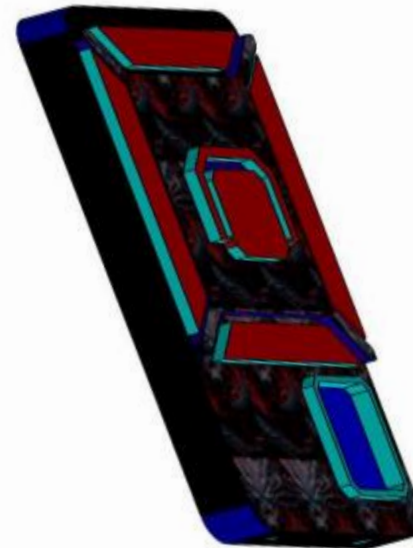
A Design patent titled “ **FISH BREEDING BOX**” (465475-001/ Date 25/09/2025) was granted to
Dr. B.K.Parrthipan AP/Mech
Dr. B.Balavairavan AP/Mech
Dr.P.Narayansamy ASP/Mech
Dr.S.Thangakasirajan ASP&HoD/Mech
Dr.S.Senthil Prof/Mech



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



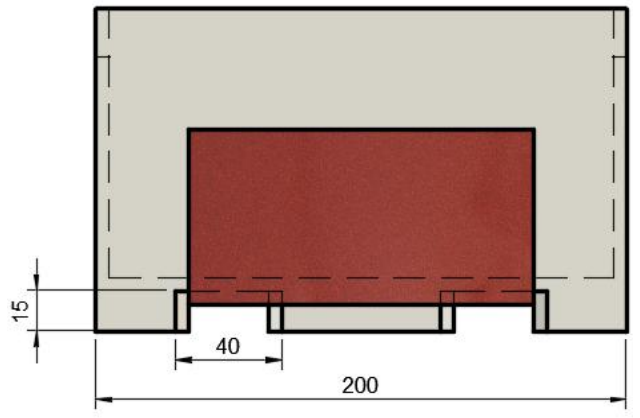
A Design patent titled “ **CONVEYOR**” (477708-001/ Date 12.02.2026) was granted to
Dr.P.Narayansamy ASP/Mech
Dr. B.K.Parrthipan AP/Mech
Dr.S.Senthil Prof/Mech



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

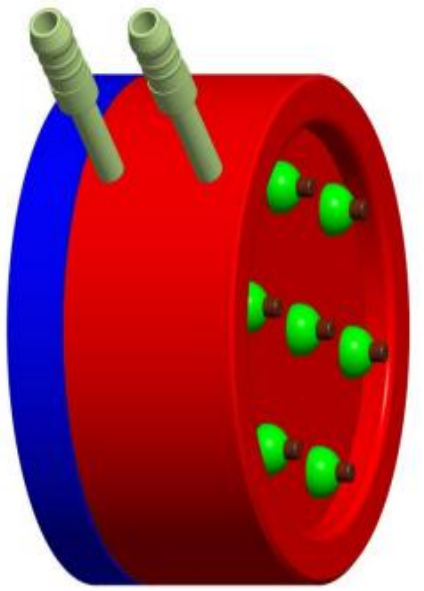
16 Design Patent Granted During the Academic Year 2025-2026



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.Balavariavan 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**

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



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.

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.TopSciNet.com

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

F-1322326

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

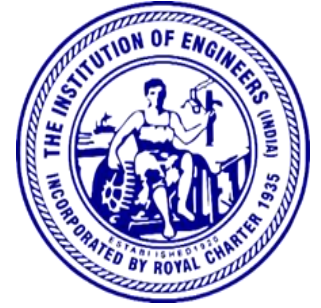
Note: This is a e-certificate auto-generated by system hence valid without signature.

Dr.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

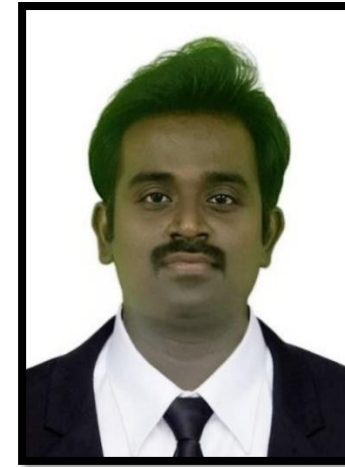


Dr. P. Narayanasamy ASP/Mech Elected as
“Executive member” in Mechanical Division at
Institution of Engineers, Madurai Local chapter for
the period of October 2025 – September 2027.

FACULTY AS EDITORIAL BOARD MEMBERS



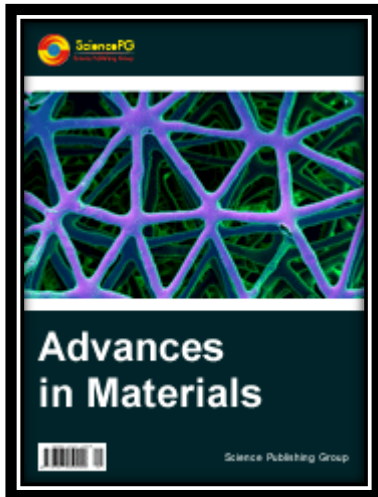
Dr.S.Thangakirajan ASP&HoD/Mech appointed as “Editorial Board member” for the Journal "Composite Materials", Science Publishing Group.



Dr.B.Balavariavan 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 ASP/Mech received “Peer Review Recognition for 2023” from the American Chemical Society (ACS) Publications

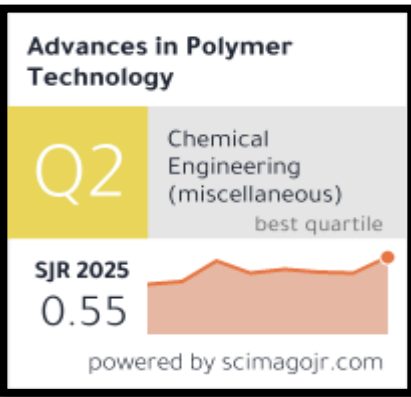
IOP
Institute of Physics



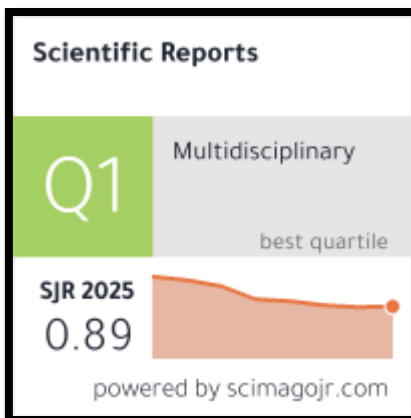
FACULTY AS EDITORIAL BOARD MEMBERS



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



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



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



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



Dr. P.Narayanasamy, ASP/Mech acted as “Editorial Board Member”, World Journal of Materials Science and Technology, Science Publishing Group. 17

Institutions



IIT Madras



NIT Calicut



NIT Rourkela



Kazi Nazrul University
Asansol



KMUTNB, Thailand

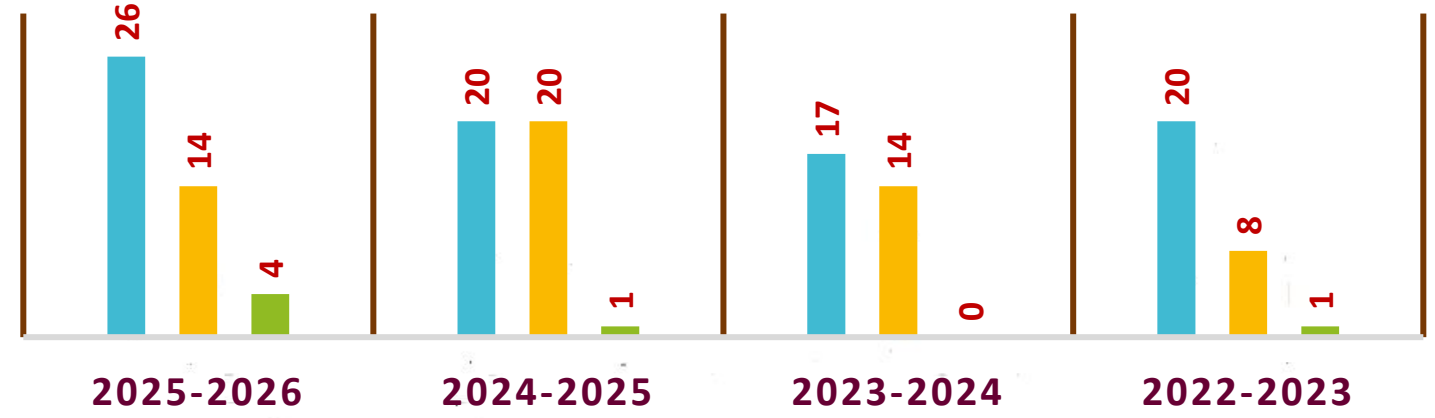
Research Publications Over the Years

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



Our Research Areas



Dr. S. Senthil Prof/Mech



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



Dr. P. Narayanasamy
ASP/Mech



Dr. B. Balavairavan
AP/Mech

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



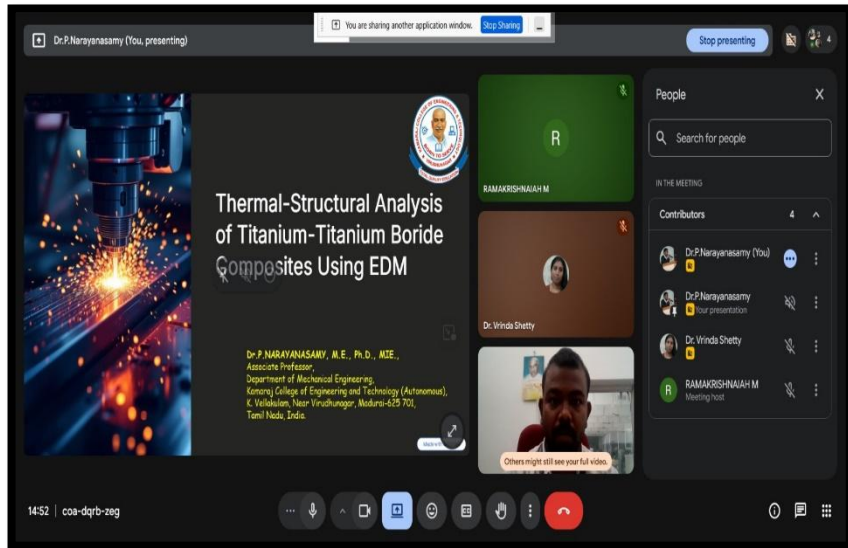
Dr. B.K.Parrthipan, Dr. R.Sakthivelmurugan, Dr. N.R.Madhan , Dr.S.Muthunatarajan, Mr.D.Palanikumar and Mr. A. Sankaranarayanamurthy recognized as “EMINENT RESEARCHERS” in appreciation of their Exceptional Research Contributions in the Year 2025.

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

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).

Congratulations!
PROUD ACHIEVEMENT IN
NPTEL EXAM

TOP
2%
TOPPER
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**. ”



COURSE COMPLETED
Product Engineering and Design Thinking

A future-focused course that empowers innovators to create impactful products with empathy, creativity and engineering excellence.



DEDICATION
LEADS TO SUCCESS



CONTINUOUS LEARNING
CREATES EXCELLENCE



YOUR ACHIEVEMENT
INSPIRES US ALL

Your hard work, dedication and perseverance have brought great pride to our institution.

Heartiest 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).

Congratulations!
PROUD ACHIEVEMENT IN
NPTEL EXAM

TOP
5%
TOPPER
IN THE COURSE



Dr. R. Sakthivel Murugan
AP / Mech

Received **NPTEL ELITE+ GOLD** and also **TOPPER** of the course “Navigating the latest trend in additive manufacturing landscape” during Feb-Apr NPTEL Online Examination 2026.



COURSE TOPPER
Navigating the latest trend in additive manufacturing landscape

ABOUT THE COURSE
Explores emerging advancements, innovative materials, and transformative applications shaping the future of additive manufacturing.



INNOVATE



DESIGN



DEVELOP



OPTIMIZE



IMPACT

Your dedication, hard work and excellence continue to inspire us all. *Heartiest Congratulations!*

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



DEPARTMENT OF MECHANICAL ENGINEERING

Heartiest Congratulations!

PROUD MOMENT FOR OUR DEPARTMENT

OVERALL
SECOND YEAR
SUCCESS

80%



NPTEL COURSE NAME

PRODUCT ENGINEERING AND DESIGN THINKING



NPTEL

NPTEL CERTIFICATION COURSE



5
STUDENTS



12
STUDENTS



3
STUDENTS



HAPPY TO
SHARE THAT

20 OF OUR SECOND YEAR STUDENTS
CLEARED


Heartfelt Congratulations to
Dr.N.R.MADHAN
CHAIRPERSON / II MECH

for your continuous encouragement, visionary leadership and relentless support that empowered our students to achieve this remarkable success.

Your guidance makes excellence possible!



TOGETHER WE ACHIEVE MORE!




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



Mentees Enrolled	Mentees Present	Score (in %)	Certified (Score in %)				Toppers
			<40	40-59	60-74	75-89	
15	10	1	5	4	0	0	0

PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras




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





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



PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

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 participated in “Global Start-up Summit” at Coimbatore.



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



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. 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.



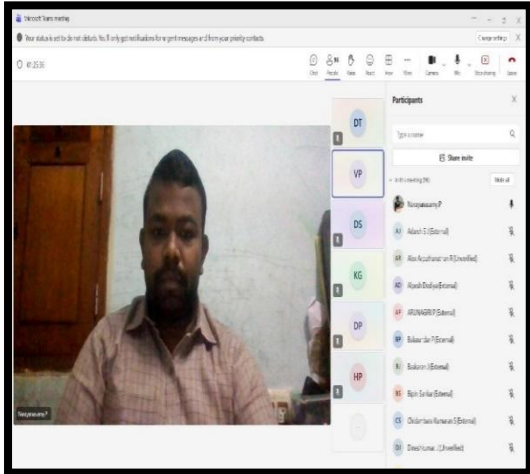
Dr. B. Balavairavan AP/Mech delivered the Guest lecture Guest Lecture on “Design of Machine Elements” organized by Fatima Michael College of Engineering and Technology, Poovanthi on 07.10.2025.



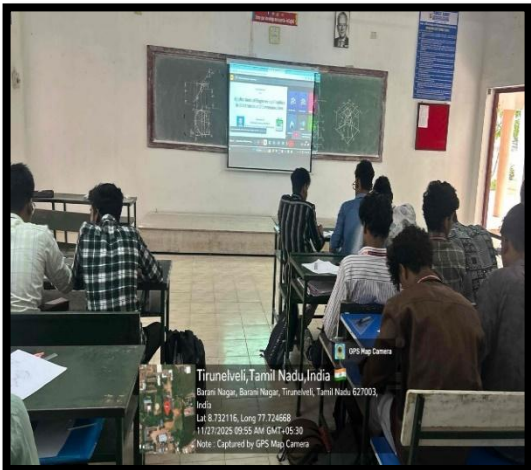
Dr. R. Sakthivel Murugan, AP/Mech, delivered a “Technical talk” in the Short-Term Course (STC) on “Recent Trends in Additive Manufacturing and DfAM” , organized by the Department of Production Engineering, NIT Tiruchirappalli, on 26.02.2026.

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



Dr. P. Narayanasamy ASP/Mech delivered “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.

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 INSTITUTE 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. 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

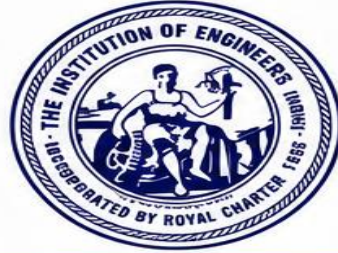


IE Students Chapter Established

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

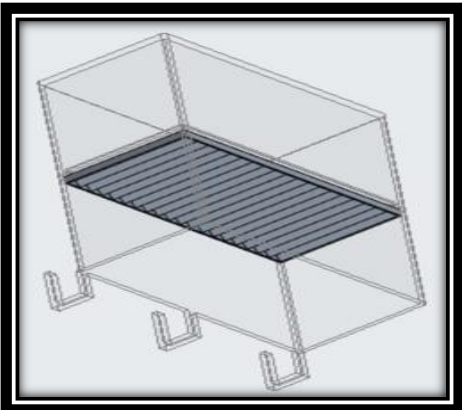


SECRETARY & DIRECTOR GENERAL

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.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.Sivasethurajan, and third year Mech

Students K.Subramanipandi ,

P.Balakrishnan along with faculty members

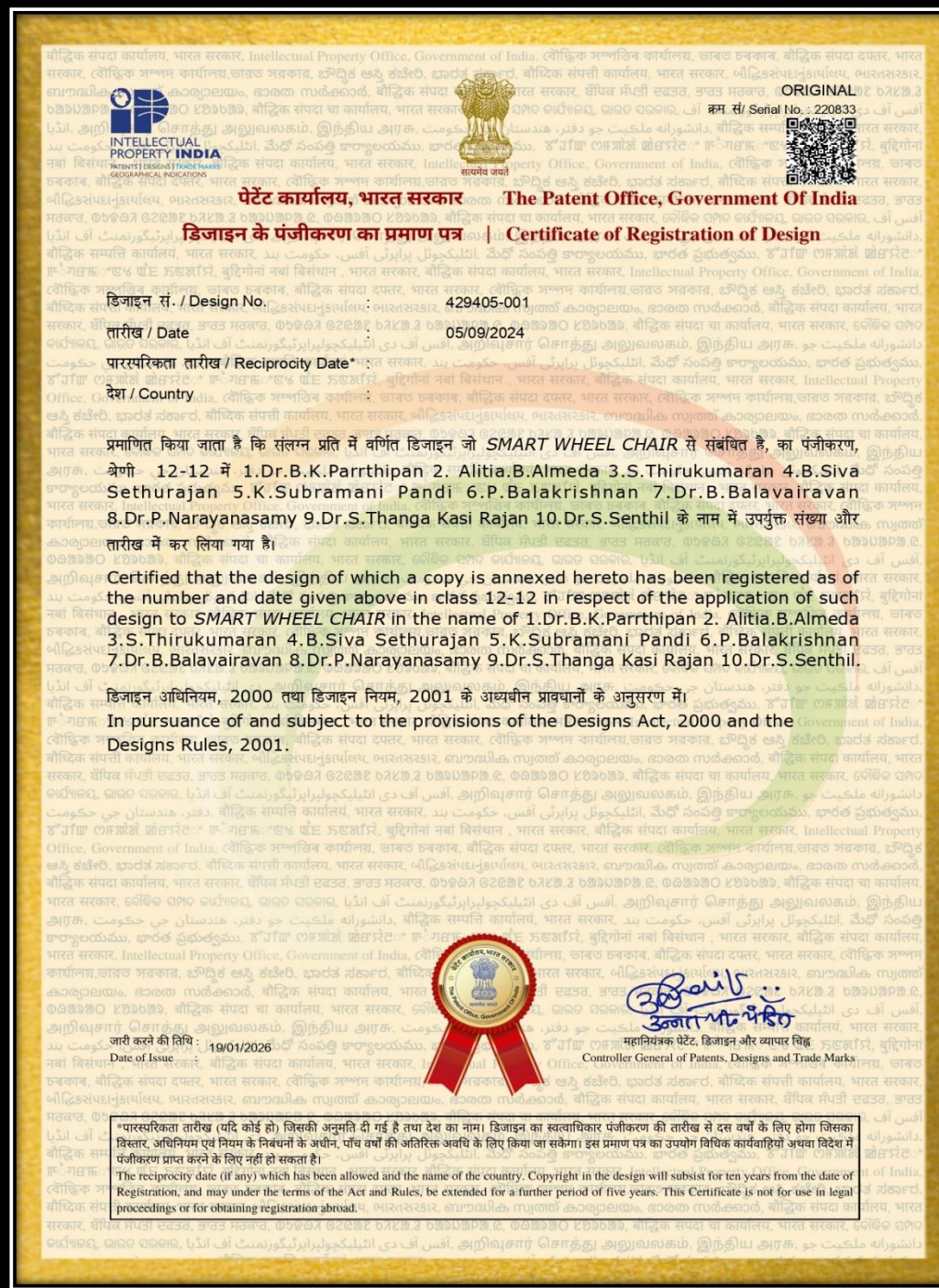
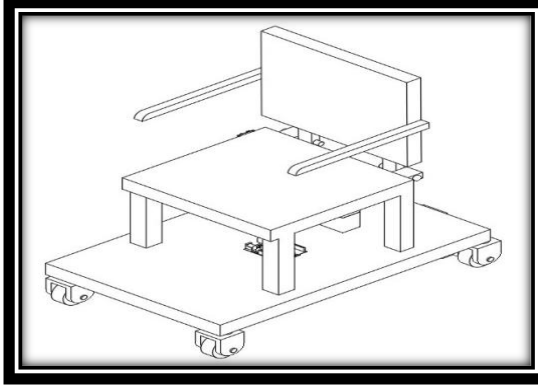
Dr.B.K.Parrthipan AP/Mech

Dr. B.Balavairavan AP/Mech

Dr.P.Narayansamy ASP/Mech

Dr.S.Thangakasirajan ASP&HoD/Mech

Dr.S.Senthil Prof / Mech

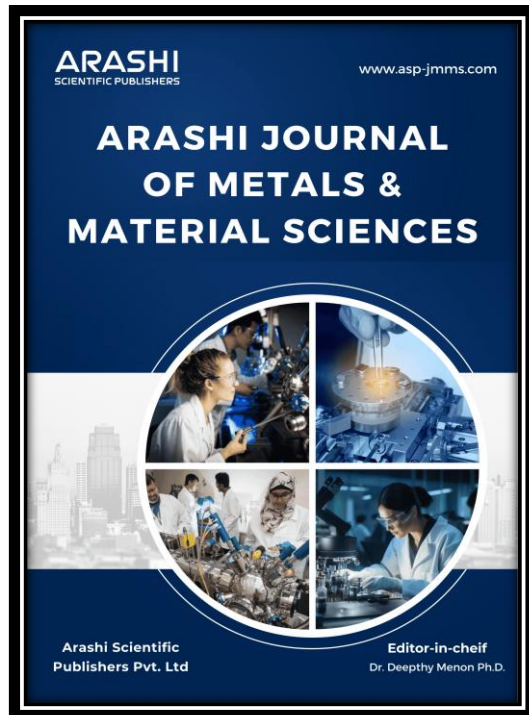


Journal Publication



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.70233>) Impact Factor 4.7 , Quartile (Q1).





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

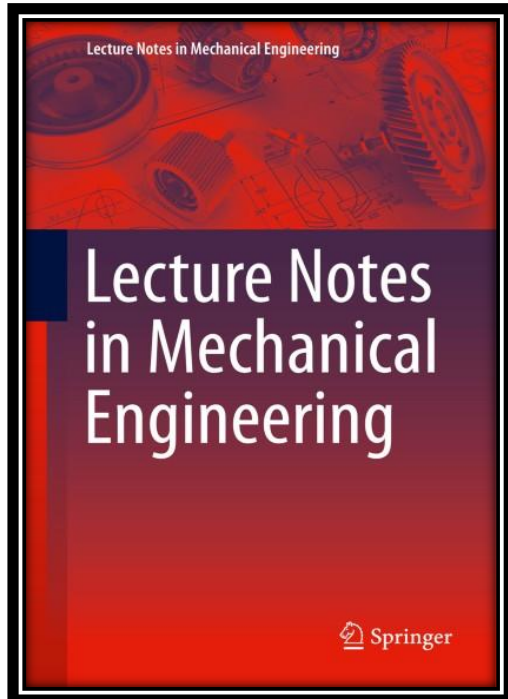
Dr. B.Balavairavan AP/Mech

Dr.P.Narayansamy ASP/Mech

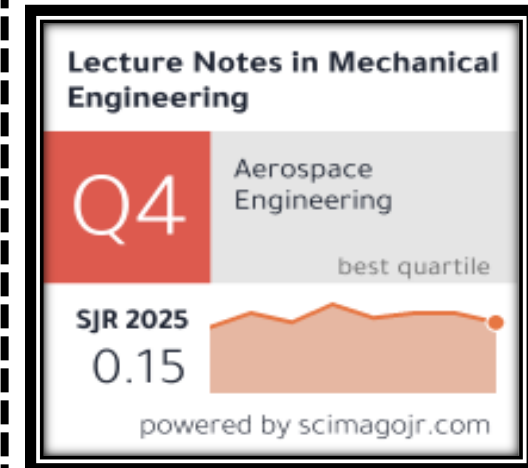
**in Arashi Journal of Metals & Material Sciences.
(DOI:10.54646/jmms.2025.0004), Impact Factor 2.2,
Crossref and Google Scholar indexed**



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).



Conference presentations in IIT's & Other Institutions



IIT Madras
Chennai, India



ICSESBM
2025

Congratulations!

RESEARCH PAPER PRESENTED



International Conference on Surface Engineering of Sustainable & Bio-materials
December 9 - 12, 2025
Venue: ICSESBM, IITM

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!

Jointly Organized by





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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!



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
Ist Year - Mech



Mr.R.Praveen
Ist Year - Mech

Students Acheivements



Third Year Mechanical Engineering students M. Aravind Kumar (23UME008), N. Vasanth kumar (23UME008), N. Mahalingam (23UME023), and J. Sharukesh (23UME026) “🏆 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 🏆', jointly organised by the Tamil Mandram and the Rotaract Club of KCET” on 12.03.2026. 🙌🙌



Second Year Mechanical Engineering students S. 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. 🙌🙌



புரட்சி எக்ஸ்பிரஸ்
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BREAKING NEWS

சென்னை திருமுடிவாக்கம் தமிழ்நாடு மாநில தொழில் மேம்பாட்டு கழகத்தில் அமைந்துள்ள ரெய்னி இண்டஸ்ட்ரீஸ் இந்திய பிரைவேட் லிமிடெட் என்ற தனியார் நிறுவனத்தின் இயக்கு ஆஷா ரத்ன ராஜ் அவர்களின் தலைமையின் கீழ் தூய்மை திட்டப் பணர் நடக்கக் கடைக்கரையில் இன்று ஞாயிற்றுக்கிழமை நடைபெற்றது இதில் ரெய்னி இண்டஸ்ட்ரீஸ் இந்தியா பிரைவேட் லிமிடெட் நிறுவனத்தின் தொழிலாளர்கள் சுமார் 50 க்கு மேற்பட்டோர் தூய்மை பணியில் ஈடுபட்டு மக்கும் குப்பை மக்கா குப்பை என பிரித்து கடைக்கரை பகுதிகளில் தூய்மை பணியி மனநிறைவுடன் செய்தோம் இன்னும் பல சமூக பணிகளை செய்வோம் என்று ரெய்னி இண்டஸ்ட்ரீஸ் தொழிலாளர்கள் மற்ற இயக்குநர் ஆஷா ரத்ன ராஜ்

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ப.பால்ராஜ்
ஆசிரியர் & வெளியீட்டாளர்
E-mail: palraj82palraj@gmail.com
Cell : 87781 83585

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 🙌🙌

Achievements in Mini Technovison



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
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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!

Achievements in NPTEL Exams – II Year Students

KEEP
MOVING
FORWARD

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NPTEL Achievers - Jan - Mar 2026

Category: Elite

Course Name - Product Engineering and Design Thinking

Congratulations!



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

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Department of Mechanical Engineering
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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
(24UME014)
III YEAR MECHANICAL ENGINEERING

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during Jan–Apr 2026
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Our Pride,
Inspiring the Future!

Keep Innovating.
Keep Achieving.
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Congratulations!

YOKAHARIHARAN.S
(24UME012)
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!

NPTEL
Elite

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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  DHARINEESH.S (23UME002)	3  MAHALINGAM.N (23UME023)
4  PON GANESH RAM.M (23UME019)	5  VARUNESHBALAA.M (23UME024)	6  SHIVAKUMAAR.M (23UME029)
7  VASANTHKUMAR.N (23UME010)	8  KARTHICKEYAN.M (23UME006)	9  THANGAPANDIRAJA.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

Students - Short Term Course



Advanced Composites
Lab Visit



3D Printing Lab Visit



Drones Lab Visit



Hands on Training in
IoT Sensors

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



Research and Innovation Hub Visit

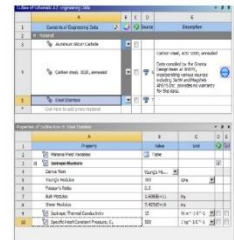
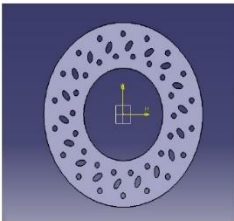
Students Design and Simulation Posters in - 24 Hours Simulation challenge Hackathon

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

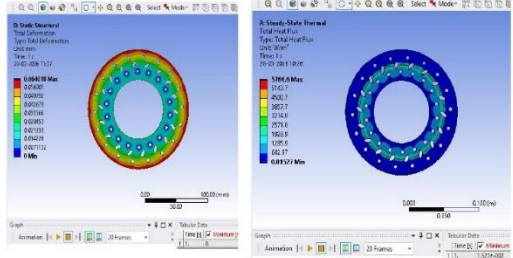
Disc Rotor Model



Properties of Stainless Steel

Material : Stainless Steel 316 Analysis : Static Thermal Coupled

Original Component FEA Results



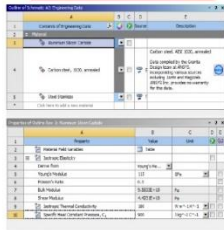
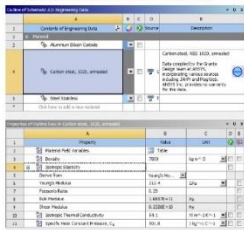
0.065 mm
Total deformation

5768.6 W/M²
Heat Flux

Redesigned Component Overview

Redesign Model 1

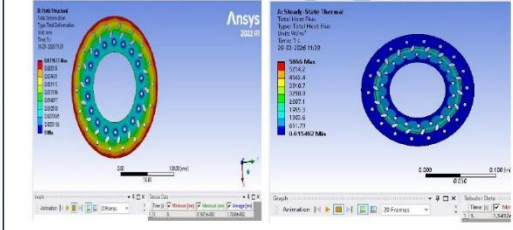
Redesign Model 2



Properties of High Carbon Steel

Properties of Aluminum Alloy

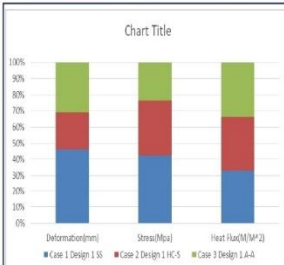
Redesigned Component FEA Results



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 Brake Disc Made of Composite Material for a Motorcycle", S. B. Porlekar, S. G. Bhatwadekar, G. R. Walkarni, International Journal of Research Publications in Engineering and Technology (IJRPET), Vol. 3, Issue 3, pp. 63-69, March 2017. (DOI:https://doi.org/10.5281/ZENODO.1462666)

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

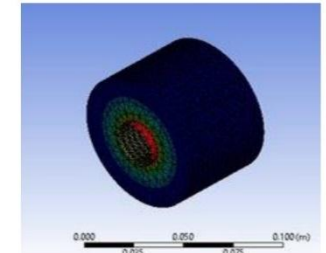
Original Component Overview

Fin and tube heat exchanger



Material : 305 stainless steel Analysis : Static State Thermal Analysis

Original Component FEA Results



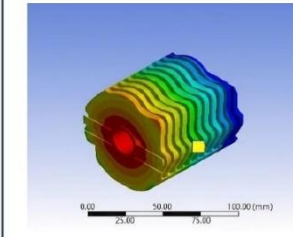
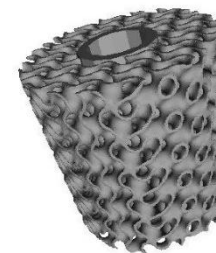
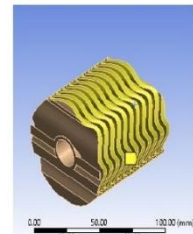
44 c
Heat transfer

85 c
Original temperature

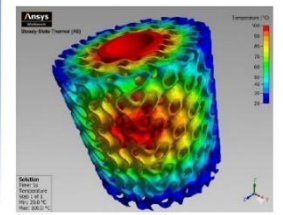
Redesigned Component Overview

Redesign Model 1

Redesign Model 2



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	85°C
Minimum Temperature (T _{min})	44°C	23°C	23°C
ΔT Temperature Difference (ΔT)	36°C	62°C	62°C ↑
Key Design Feature	Traditional Finned Structure (Straight Fins)	Advanced Gyroid Lattice (Porous, Enhanced Surface Area)	

- Tests CAD Models Virtually:** It acts as a digital testing lab where you can load up your 3D models and see how they perform without having to build a physical version first.
- Simulates Real-World Physics:** It calculates exactly how your part will react to real-world forces, like seeing where heat builds up or where a part might break under stress.
- Finds the Best Design:** It lets you easily compare different shapes and materials side-by-side to figure out which one works best before you spend money on manufacturing.

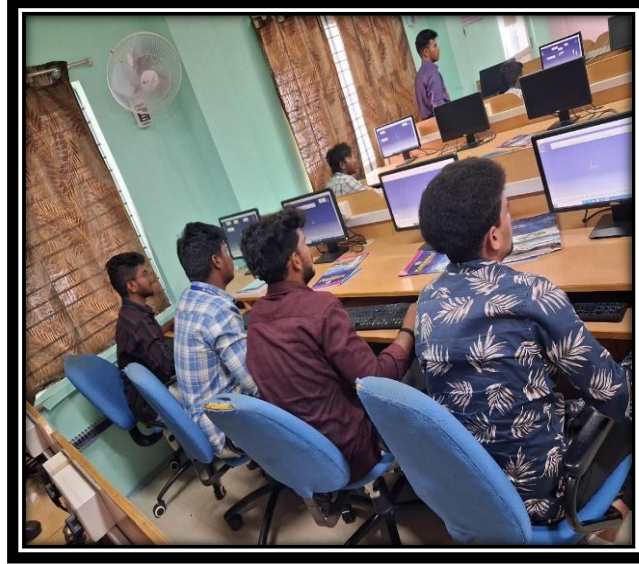
References

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



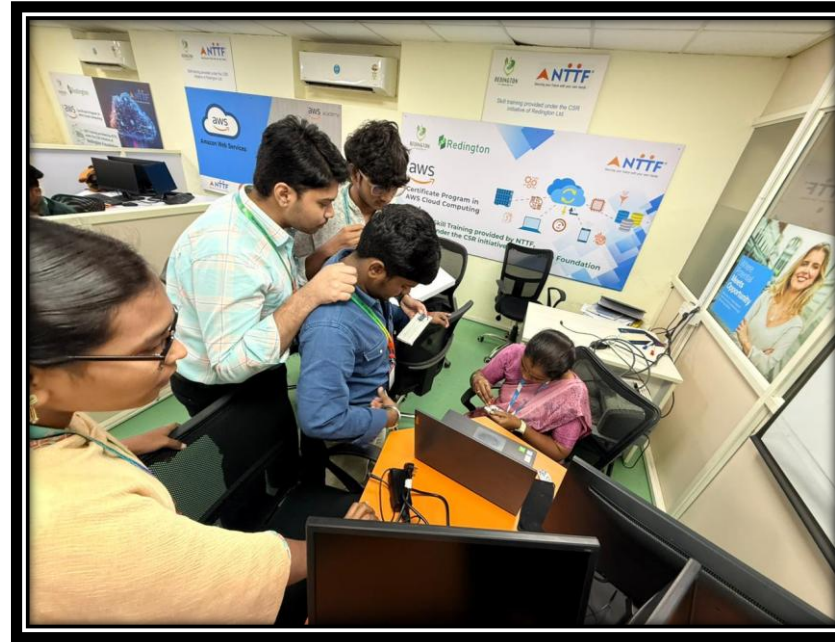
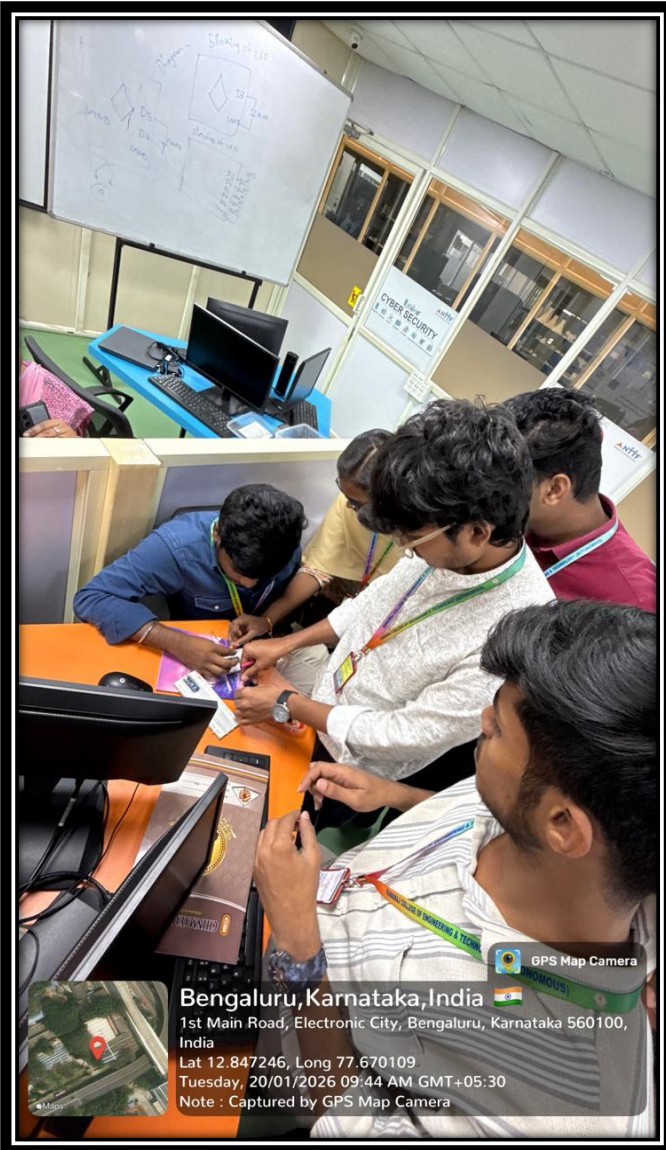
Students - Value added course



**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**



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



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.Balavariavan 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 Mr. 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 **S Karuppasamy** **M Velmurugan** **T Avinesh**
IV Mech IV Mech IV Mech IV Mech



R Soleswaran **G Manikandan** **L Haribalaji**
IV Mech IV Mech 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.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
**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.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
**M/S. MOTHERSON AUTOMOTIVE
TECHNOLOGIES & ENGINEERING, CHENNAI**



Naveen N M
IV - Mech



Vignesh B
IV - Mech



Vishwamarudhu 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)
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S.P.G.C. Nagar, K.Vellakulam - 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.C.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
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.C.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
GE TEK Electronics Private Limited*



M Surendar Kumar
IV Mech



V Naveen Sarathi
IV Mech



T S Kirubaji
IV Mech

Congratulations!

KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.C.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 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

Students Internship : 2025-26 ODD & EVEN Semester

Sl.No	Name of the Industry	Students Name
1.	Fenner India Pvt LTD, Madurai	KRISHNAMOORTHI .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 N, VARUNESHBALAA M, ESAKKI SUDHAN E
11	RANE MADRAS LIMITED	ASHWIN K MAYILKANI B SHARUKESH J

TAFE



**Epsilon Ultra
Automation Pvt Ltd**



**SCHWING
Stetter**

JK Fenner

Powered by Innovation, Driven by Excellence



HYUNDAI

TVS TYRES

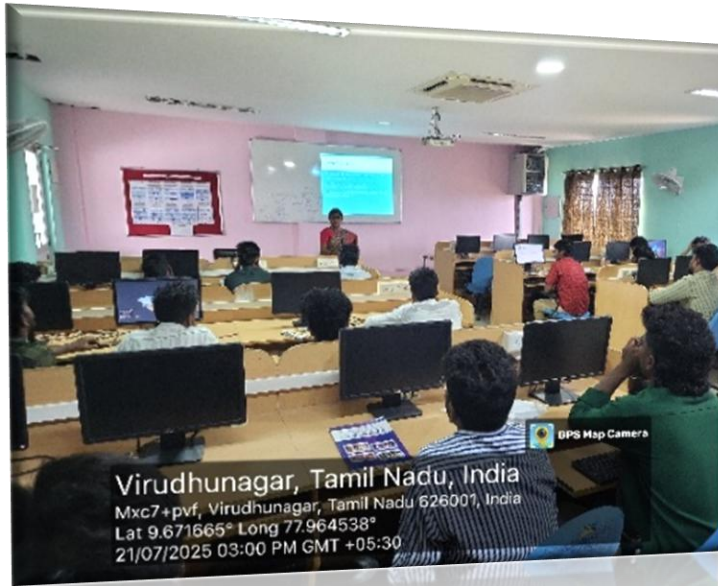
Mahindra

SEGA
BLOWING BEYOND BOTTLES



Rane
Expanding Horizons

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.Nagavani, 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)



**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

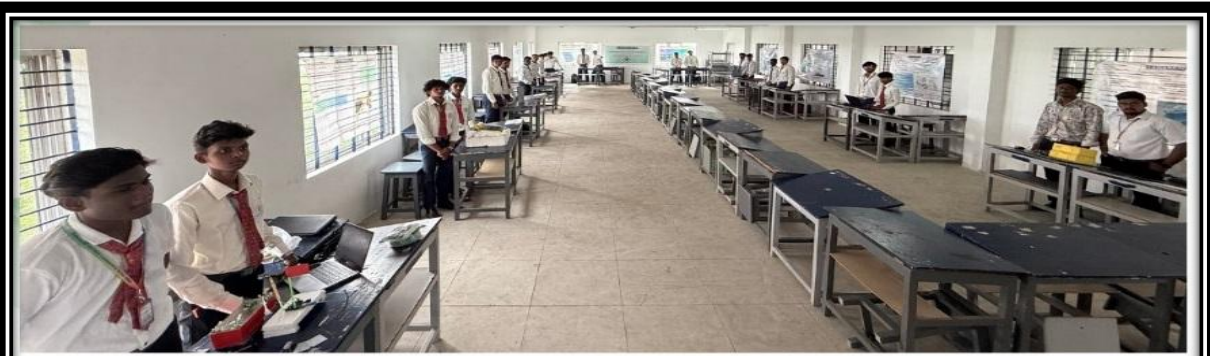


**“Awareness Programme on
Quality and Standards” on
23.02.2026**

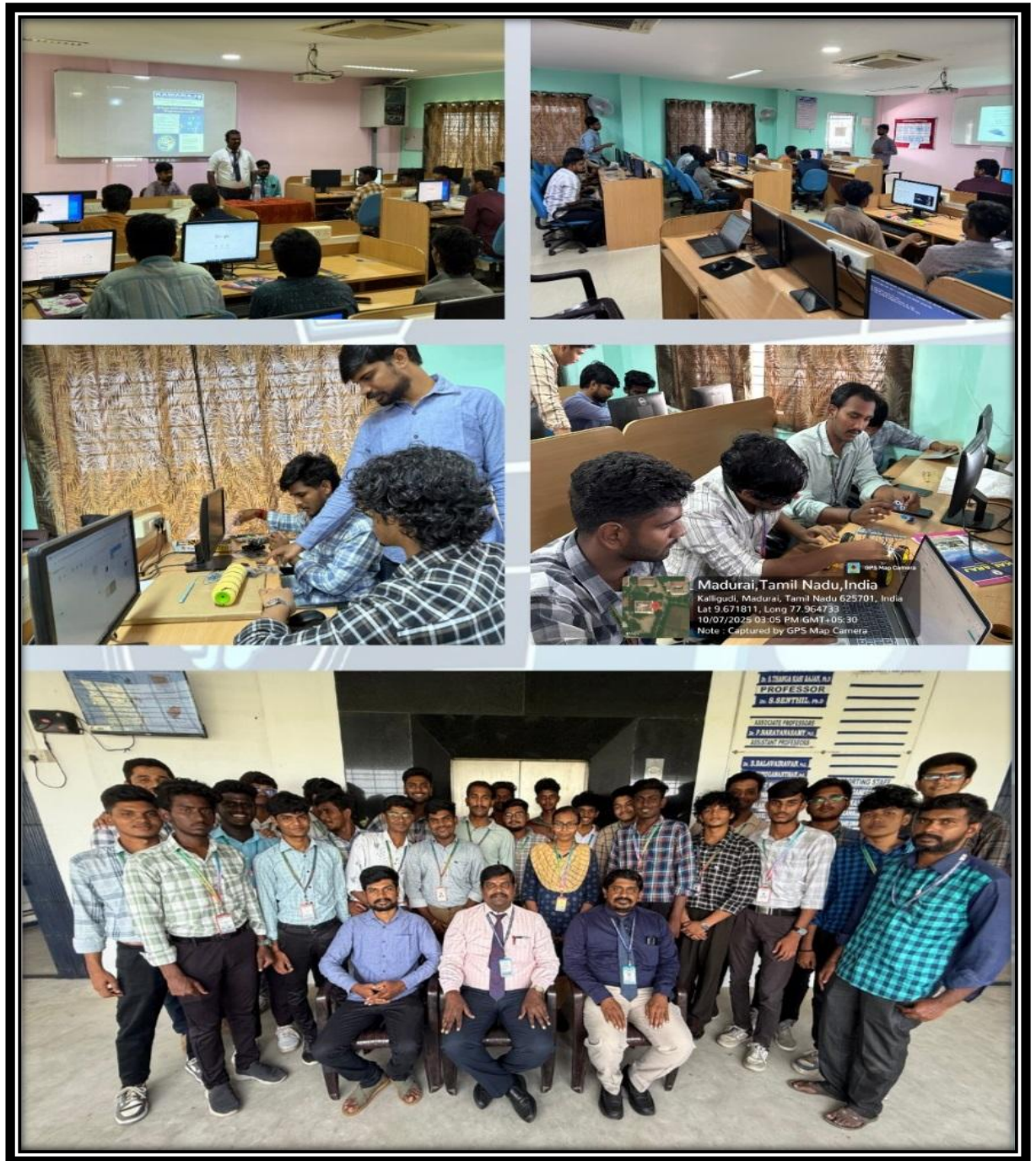
Resource Person

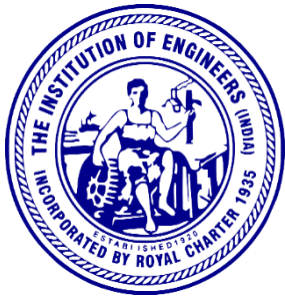
Dr. K. Murugananthan
AP/Gen.Engg/KCET

**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**



**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

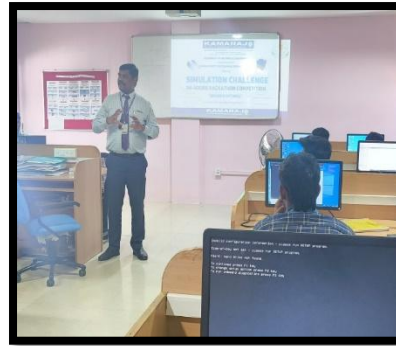
**Resource Person
Dr.M.R.Dhanasekar,
Professor, Department of
Mechanical Engineering,
KLN College of
Engineering.**





**ISTE Sponsored 24 hour
Hackathon “Simulation
Challenge” for III year
Mech Students
27.03.2026 to
28.03.2026
Chief Guest:**

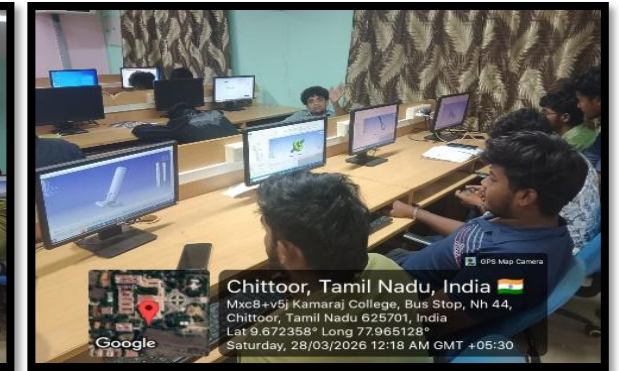
**Dr. M. Sivasubramanian,
Associate
Professor/Mechanical
Engineering,
Kalasalingam Academy
of Research and
Education, Krishnankoil.**



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

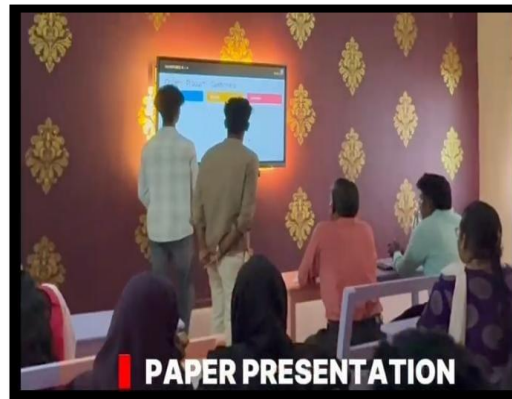
Mr.J.Indrajit,

MD-Shiya Marketing, Madurai

Mr.Sakthivel,

Love Guru Sakthi – Youtuber, Social Media Activist

Various Events



Six Days Online FDP on “Sustainable Materials and Manufacturing: Paving the Way for a Circular Economy Date : 19.01.2026 to 24.01.2026

Resource Persons



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



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



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



Dr.R.Prithvirajan
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





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,
İzmir Bakırçay 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 background is a dark, deep blue gradient. Overlaid on this are intricate, swirling patterns of light and color. The colors transition from warm oranges and reds on the left, through pinks and purples in the center, to cool blues and cyan on the right. The patterns resemble liquid smoke or ethereal smoke, with fine, wispy lines and larger, more defined swirls. The overall effect is one of movement and energy, making the 'Thank You' text stand out as a central, celebratory message.