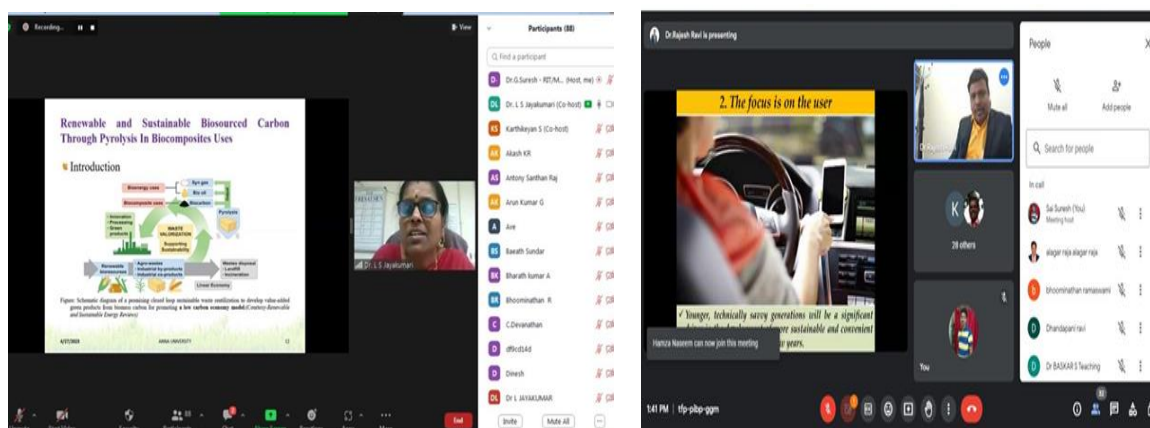
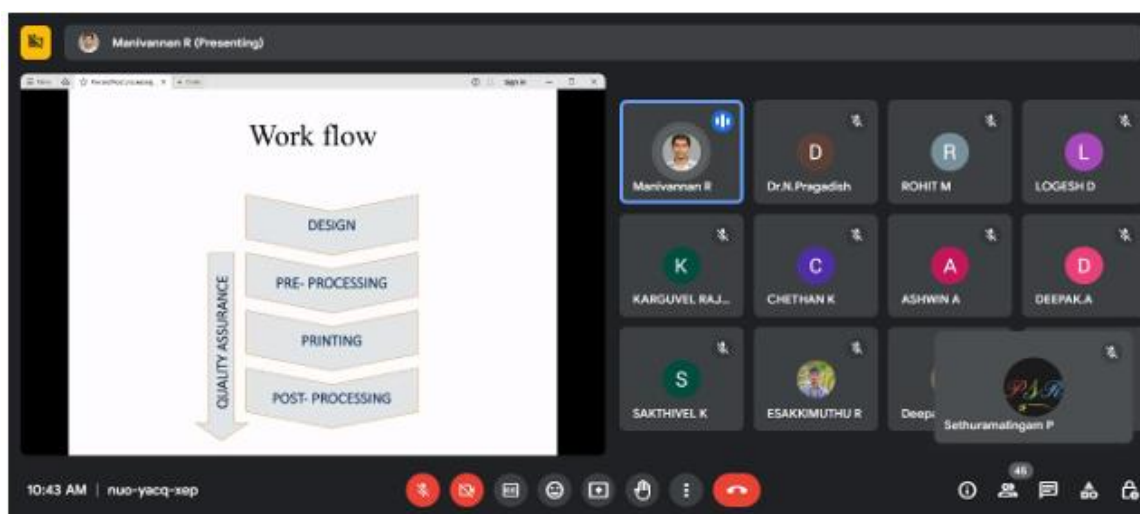


## EVENT ORGANIZED

1. A Five-Day Online Faculty Development Program (FDP) on the topic of **“Ideation, Recent Advances in Materials Science and Its Applications”** was organized by the Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai, from 27<sup>th</sup> April 2023 to 4<sup>th</sup> May 2023. The FDP attracted enthusiastic participation from research scholars and faculty members across various institutions. The program was coordinated and organized by Dr.G.Suresh.



2. Dr.R.Manivannan, Scientist, CSIR has delivered an online Webinar in a topic of **“Innovation in Metal 3D Printing- An overview”** to the Mechanical students at Rajalakshmi Institute of Technology on 13.02.24.



  
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 Associate Professor & Head  
 Department of Mechanical Engineering  
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3. An alumni talk was delivered by Mr. Jayakrishna Ganapathy Raman, Engineer at Flowserve Sanmar Pvt. Ltd., Chennai, on the topic "**Recent Innovations in Manufacturing Processes**" on 14.02.24. He is an alumnus from the 2018–2022 batch of Rajalakshmi Institute of Technology (RIT).



4. A guest lecture was delivered by Dr. S. Gayathiri, B.E., MBA, Ph.D., Associate Professor, Rajalakshmi School of Business, on the topic of “**Design Thinking, Critical Thinking and Innovation Design**”. The session was organized by the Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai, on 16<sup>th</sup> February 2024.





5. Six Day International online webinar on “Navigating Emerging Trends and Global Industrial Advancements in the Field of Mechanical Engineering” was conducted by Department of Mechanical Engineering on 18.03.24 to 23.03.24. The research scholars and faculty members from various institutes participated in the webinar.

**RAJALAKSHMI INSTITUTE OF TECHNOLOGY**  
Accredited by NAAC, NBA, Approved by AICTE & Govt. of Tamil Nadu.

Cordially invite you to the  
**Six - Days International Webinar on**  
**NAVIGATING EMERGING TRENDS AND GLOBAL INDUSTRIAL ADVANCEMENTS IN THE FIELD OF MECHANICAL ENGINEERING**  
Organized by  
Department of Research & Department of Mechanical Engineering

**SPEAKERS**

 <b>Mr. Venkat Muthukrishnan</b> Principal Engineer, Johnson & Johnson Med Tech, Raritan, New Jersey, USA.	 <b>Mr. Ezhilarasan R A</b> Integration Head, Delivery Supply Chain Management, New Delhi.	 <b>Dr. Rajasekaran Mohan</b> Manager, Detroit Engineering Products, Detroit, USA.	 <b>Mr. Loganathan</b> Assistant General Manager - CAE Ashok Leyland, Chennai.
 <b>Mr. C. Vijay Ram</b> Assistant General Manager - CAE Ashok Leyland, Chennai.	 <b>Dr. Lenin N C</b> Professor, School of Electrical Engineering VIT University, Chennai.	 <b>Mr. Sonu Singh</b> Sr. Manager, New Energy (EAAS) IoT, Bengaluru.	

**Event Coordinators**  
Dr. M. Dinesh Babu,  
Dr. Godwin John J,  
Dr. S. Sridhar

**Research Coordinator**  
Dr. D. Nagarajan

**HoD / MECH**  
Dr. N. Pragadish

 **Date: 18.03.2024 - 23.03.2024**

 **Timing : 7.00 pm to 8.00 pm**

 **Session Delivery - Online Mode**

 **Registration Fee : Rs. 200/-**

**Registration & Payment** 

**Rajalakshmi Institutions**

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6. A guest lecture was delivered by Dr. B. Mullai Sudaroli, Assistant Professor, Rajalakshmi Engineering College on the topic “**Clean Energy Technology: Fuel Cells**” for the students of RIT. The session was organized by the Department of Mechanical Engineering, RIT, Chennai, and conducted at Steve Jobs Hall on 24<sup>th</sup> April 2024.



7. The **SAE Awareness Program** was conducted for mechanical engineering students to provide them with valuable insights into the field of automotive engineering and the opportunities available within the Society of Automotive Engineers (SAE). The event was held on March 26<sup>th</sup>, 2024, and was inaugurated by distinguished guests, including Kasiraja Thangapandian, Director of IT at Visteon, and Mrs. Raja Rajeshwari, Senior Engineer in the Infotronics & Electric Vehicle Department at the 3 Global Automotive Research Centre.





8. An alumni talk was delivered by Ms. D. Sanjana Rajkumar, Emerson Process Management Pvt Ltd, Chennai, on the topic **“Unlock Horizons Exploring Diverse Paths for Mechanical Engineers”** on April 17<sup>th</sup>, 2024 at RIT.



9. One Week Online Faculty Development Program On **“Frontiers in Mechanical Sciences: Innovations in Contemporary Developments and Trends”** was conducted by Department of Mechanical Engineering on 06.05.24 to 11.05.24. The research scholars and faculty members from various institutes participated in the FDP. The program was organised by Dr.G.Suresh and Dr.S.K.Rajesh Kanna.

**rit** | RAJALAKSHMI  
INSTITUTE OF  
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BELIEVE IN THE POSSIBILITIES  
AN AUTONOMOUS INSTITUTION

**A++ NAAC**

**INSTITUTION'S INNOVATION COUNCIL**  
(Mandatory for all AICTE Institutes)

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Cordially invite you to the

**One Week Online Faculty Development Program (FDP)**  
On  
**"Frontiers in Mechanical Sciences: Innovations in Contemporary Developments and Trends"**  
Organized by  
**Department of Mechanical Engineering**

**Mr. SRINIVASAN T**  
CTO & DIRECTOR,  
GLOSYS TECHNOLOGY SOLUTIONS

**DR. A. RAJKUMAR**  
PROFESSOR,  
BEG

**DR. T. LAKSHMANAN**  
PROFESSOR,  
SRM UNIVERSITY

**DR. VESHAIVENDHAN R.**  
ASSOCIATE PROFESSOR,  
VIT UNIVERSITY, VELLORE

**DR. G. RENUGA DEVI**  
DENTIST  
PERIODONTIST

**MR. V. SIVASANKARAN**  
AGM - TIDC

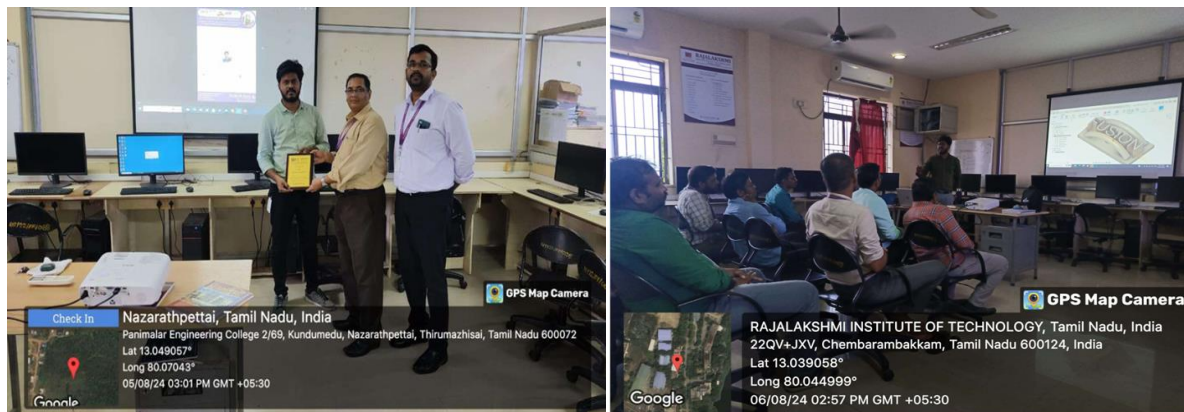
**DATE: 06.05.2024 – 12.05.2024**      **TIMING: 07.00 P.M TO 08.00 P.M**  
**SESSION DELIVERY – ONLINE MODE**

**FDP COORDINATORS**  
**Dr. S.K. RAJESH KANNA**  
**Dr. G. SURESH**

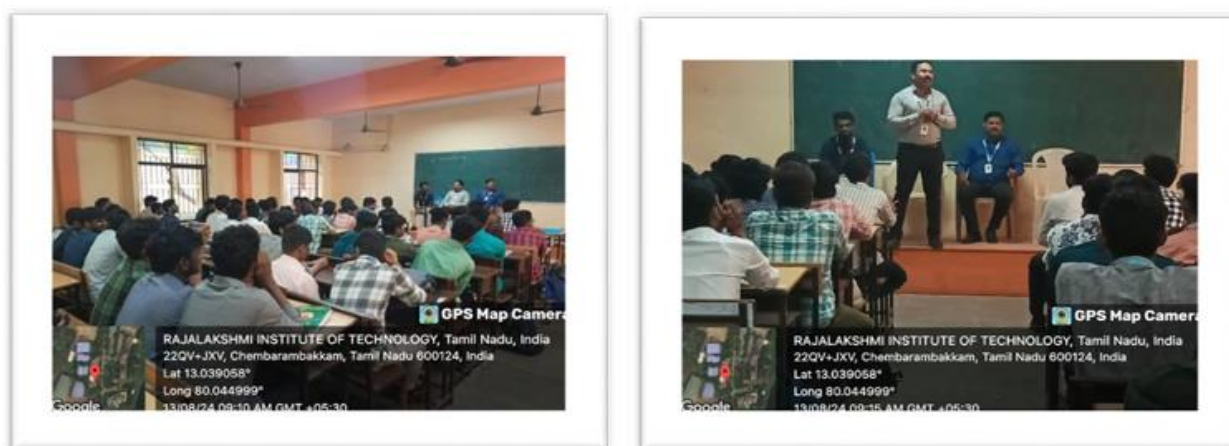
**HOD-MECHANICAL**  
**Dr. N. PRAGADISH**

*G. Muthu*  
**Dr. G. Muthu, M.E., Ph.D.,**  
Associate Professor & Head  
Department of Mechanical Engineering  
Rajalakshmi Institute of Technology  
Chennai, Tamilnadu - 600 124.

10. “Three day workshop on **“Fusion CAD Fundamentals using AUTODESK FUSION 360”** was conducted by Department of Mechanical Engineering on 05.07.24. Students and faculty members are participated in the workshop.



11. One day workshop on **“Non Destructive Testing”** was conducted by Department of Mechanical Engineering on 13.08.24. Students and Faculties are participated in the workshop.



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12. An alumni talk was delivered by Mr. D. Suriya, Design Engineer at Tata Consultancy Services (TCS), Chennai, on the topic **“An Overview of the Vehicle Development Process”** on 16<sup>th</sup> August 2024 at Rajalakshmi Institute of Technology (RIT).



13. **“Celebration on World Entrepreneurs Day”** at RIT on 27<sup>th</sup> August, 2024. The event was organised by the department of Mechanical Engineering. We were honoured to have Mr. K.U.Srinivasan, Principal Consultant-**STRATEGY** as the chief guest.



  
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14. Two Days National Seminar on “**High Performance Materials for sustainable nuclear Technology Challenges and Opportunities**” conducted on 30<sup>th</sup> & 31<sup>st</sup> August, 2024. The research scholars and faculty members from various institutes participated in the seminar. The Event was sponsored by Board of Research in Nuclear Science (BRNS) under the aegis of **Department of Atomic Energy**. The program was organised by Dr.L.Prince Jeya Lal.



15. Mr. M. Mohammed Raffiq from the R&D Team at CADD India delivered a presentation on product modeling and development using the concept of reverse engineering with the help of modern tools and software. He conducted a seminar on the topic “**Reverse Engineering Using Modern Tools**” for the students at Rajalakshmi Institute of Technology on 04.10.2024.






16. One day workshop on **"AI in Workforce Training and up skilling for Mechanical Engineers"** was conducted by Department of Mechanical Engineering on 25.10.24. Students and Faculties are participated in the workshop.

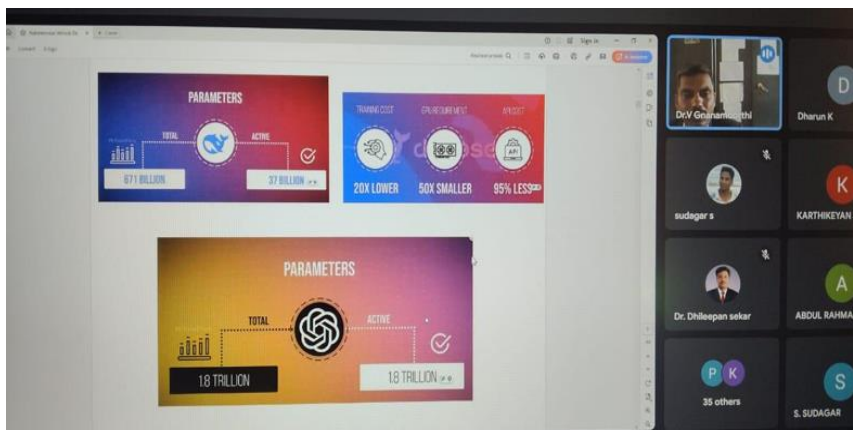


17. Mr. Vishakh Rajendran (B.E., M.S., Ph.D.), an alumnus of Rajalakshmi Institute of Technology and a Research Scholar at the Polymer Competence Centre in Austria, will be delivering a guest lecture on **"Usage of Finite Element Simulations in Composites"**. This event is being organized by the Department of Mechanical Engineering at Rajalakshmi Institute of Technology, Chennai.



  
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18. Dr.V.Gnanamoorthi, Asst. Professor delivered an online Guest Lecture in a topic **“Emerging Technology on Autonomous vehicles and its Future”** to the second and third year students at Rajalakshmi Institute of Technology on 02.04.25



19. The highly eminent person Dr.S.Angaryarkanny, Assistant Professor (Sr.Grade), Dept.of Chemistry, CEG, Anna University, Chennai, has deliver the lecture on **“Excellence in Every Electrons”**, held on September 11<sup>th</sup>, 2024, was a resounding success, attracting over 50 attendees from third year mechanical engineering students.

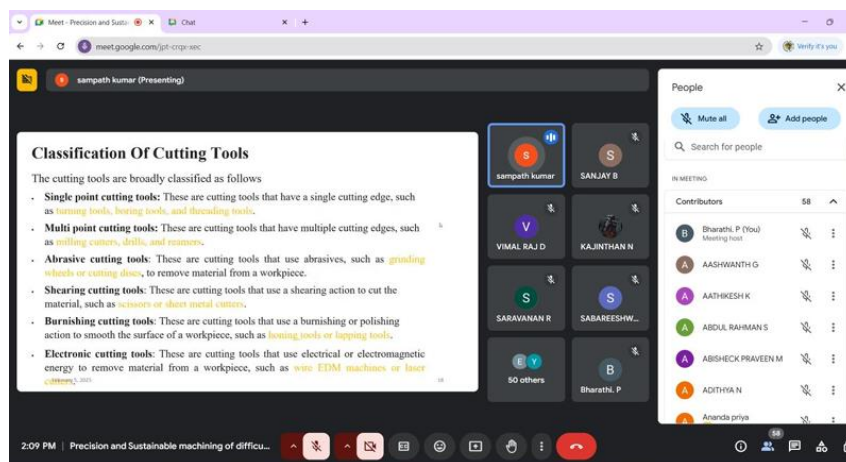




20. Dr.R.Manivannan, Assistant Professor, Thiagarajar College of Engineering has delivered on Guest lecture in a topic of “**Carbon Capture Techniques**” to the Mechanical students at Rajalakshmi Institute of Technology on 07.11.24.



21. Dr.T.Sampath Kumar, Professor, VIT has delivered on online Webinar in a topic of “**Precision and Sustainable Machining of Difficult-to-cut-Materials**” to the students at Rajalakshmi Institute of Technology on 05.02.25.



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**Chennai, Tamilnadu - 600 124.**

22. Dr. M. Deepak Kumar, Assistant Professor, Velammal Engineering College, Chennai has delivered guest lecture on **“Innovative technologies in solar energy”**. Guest lecture was conducted by the department of Mechanical Engineering, RIT.



  
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## INDUSTRY INSTITUTE INTERACTIONS

1. BMW India has included Rajalakshmi Institute of Technology as a part of **BMW Skill Next Initiative Programme**. BMW India has given four cylinder engine and 8 speed Transmission system for training the students.



2. An Industrial Visit was organized by the Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai, for Mechanical Engineering students on 17<sup>th</sup> October 2023, students visited **Reddington 3D Printing Company**, gaining valuable exposure to advanced 3D printing technologies, sustainable practices, and cutting-edge additive manufacturing techniques.



3. An Industrial Visit was organized by the Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai, for Mechanical Engineering students on 8th March 2024. The students visited **Madras Engineering Industries**, located in Sriperumbudur, where they gained practical exposure to industrial operations and manufacturing processes.



4. A One-Day Seminar on the topic “**HVAC and Fire Protection System**” was organized by the Department of Mechanical Engineering, Rajalakshmi Institute of Technology, Chennai, on 25<sup>th</sup> March 2024. The seminar featured an expert technical session delivered by Mr. R. Singaram, Senior Hydro Mechanical Design Engineer, Caterpillar Engineering Pvt. Ltd., conducted through an seminar platform.



  
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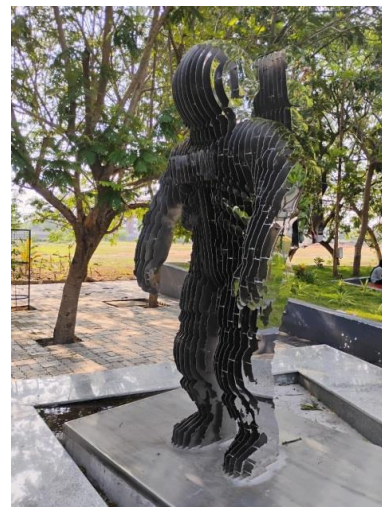
5. On 2nd August 2024, Mechanical Engineering students visited **Nelecast, Ponneri**, where they gained hands-on exposure to metal casting, molding, and quality assurance processes in the foundry industry.



6. On 8th October 2024, students visited **Dynamic Stamping Pvt. Ltd., Thiruvallur**, where they gained practical exposure to metal stamping operations, including blanking, forming, pressing, and precision component manufacturing.



7. **INVISIBLE STATUE:** To ignite the young minds of **RITians** and to commemorate the remarkable efforts of our students associated with India's first private rocket, Vikram, the “**Invisible Statue**” was conceptualized and crafted by the Mechanical Engineering Department under the “**MAKE IN RIT**” initiative. This unique creation pays tribute to Schrödinger's Astronaut—a symbol of curiosity, duality, and exploration in the realm of space and quantum theory. The statue embodies innovation, imagination, and technical excellence, inspiring future engineers to dream beyond the visible and venture into the unknown.



7. On 2<sup>nd</sup> February 2025, students visited **Zwick Roell Academy, Chennai**, where they gained insights into testing technology and hands-on experience with advanced machines used to evaluate mechanical properties and material performance.



  
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