



# RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Rajadhani Hills, Nagaroor, Attingal, Thiruvananthapuram,  
Kerala, India 695102.  
[www.riet.edu.in](http://www.riet.edu.in)



College code : RIE



## DEPARTMENT OF MECHANICAL ENGINEERING

Established in 2009 with an initial intake of 60 students, the Department of Mechanical Engineering has consistently maintained a position of excellence among the engineering disciplines affiliated with APJ Abdul Kalam Technological University (KTU). The department offers a comprehensive Bachelor's degree program in Mechanical Engineering that continues to attract highly meritorious students. A team of dedicated and experienced faculty members fosters a vibrant academic and research environment, ensuring continued growth and innovation.

The department is equipped with advanced infrastructure, including modern laboratories, well-designed seminar and drawing halls, and a dedicated departmental library, all supporting effective teaching and learning. To enhance professional engagement, the department hosts both student and faculty chapters of the Indian Society for Technical Education (ISTE) and the SAE India Collegiate Club. The curriculum and activities are designed to enhance students' employability across diverse industry sectors. In addition, the department has signed Memorandum of Understanding (MoUs) with leading organizations such as Inter CAD Systems Pvt. Ltd., Barola Technologies, Taneja Aerospace and Aviation Limited, Barola Aerospots, CADD Centre, and MAKES Automations Pvt. Ltd. These collaborations aim to provide students with valuable exposure to industrial practices and emerging technologies, bridging the gap between academic learning and professional applications.

## Voice of ACME

### Institute Vision

Groom the Youth as Innovative, Creative and Empathetic Technologists, Hospitality Professionals, Managers and Entrepreneurs for Social Transformation.

### Institute Mission

- M1 : To encourage holistic development of students with well balanced curricular, co-curricular and extra-curricular activities.
- M2 : To promote ethical and value-oriented teaching, research and consultancy among faculty and students for social transformation.
- M3: To interact with industrial organizations, governmental agencies, engineering, hospitality, and business enterprises for collaborative learning.

### Department Vision

To be a preferred destination to produce technocrats in Mechanical Engineering fostering academic excellence, research, industry readiness with human values for social transformation.

### Department Mission

- M1 : To impart quality education through activity based learning and leading -edge technology.
- M2 : To provide holistic education inculcated with research activities, human and ethical values, societal and industrial commitment, personality development and team spirit
- M3 : To foster strong industry- institute interaction to develop employable skills and enrich experiential learning through capstone projects.



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## Program Specific Outcomes (PSOs)

- Mechanical Design – Capable to Design Mechanical Systems with updated software tools and equipment's/Processes to meet desired Specifications and requirements within realistic constraints to solve real time mechanical/societal problems.
- Managing Efficiency - Develop Capabilities to address the challenges in the Energy Sector and Develop Energy Efficient Systems.
- Industrial Application - Manage the Resources in an Organization more effectively and efficiently in the Dynamic Industrial Environment.

## Program Educational Objectives (PEOs)

- PEO<sub>1</sub> : Graduate shall have strong core and interdisciplinary knowledge, skills and professional accomplishment towards employment in allied industries, higher studies and research.
- PEO<sub>2</sub> : Graduates shall utilize latest tools and rapidly changing technologies to analyze, design and develop sustainable systems, testing and manufacturing for real life applications
- PEO<sub>3</sub> : Graduates shall practice multidisciplinary approach, ethics, good communication, team spirit to evolve as competent technocrats and entrepreneurs.

## Major Internships, Projects



## Our Association



AURIFEROUS CHAMBER OF MECHANICAL ENGINEERING

Auriferous Chamber for Mechanical Engineering ACME is a prestigious hub at our college dedicated to fostering innovation and excellence in mechanical engineering. It serves as a collaborative platform connecting alumni, faculty, and students to share knowledge, resources, and experiences. ACME provides opportunities for mentorship, industry engagement, and cutting-edge projects, bridging the gap between academia and industry. It stands as a testament to our commitment to advancing mechanical engineering and building a thriving community of engineering professionals.



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## PROGRAM OUTCOMES

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



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## Department Activities



As part of Engineers day on 15 th September 2023, department of Mechanical engineering in association with ACME *one day workshop on Design to Reality*, focuses on transforming theoretical concepts into practical, real-world solutions. The workshop typically encourages students and professionals to explore the entire process of engineering, from conceptualizing an idea (the "name") to designing it and finally bringing it to life through prototypes or full-scale implementations (the "reality"). It emphasizes the importance of creativity, problem-solving, and technical skills in engineering.

Inauguration of Student Association 2024-25 was done by our proud alumini Mr Satheesh Chandran C Scientist at Liquid Propulsion system center, ISRO.. During the event, Mr. Chandran shared his inspiring journey from college to becoming a key player at ISRO, motivating students to pursue their dreams and excel in their chosen fields. His insights into the world of space science and technology highlighted the importance of dedication, innovation, and teamwork. The event marked a significant moment for the student body, encouraging active participation and leadership in various academic and extracurricular activities throughout the year.



**The Student Talk Series** conducted under ACME at our college offers a valuable platform for students to present sessions on various engineering topics. These sessions allow students to delve into current trends, emerging technologies, and key concepts in the field of engineering, while also enhancing their presentation and communication skills. The initiative fosters a spirit of peer learning and encourages students to explore and share their knowledge, contributing to the overall academic and professional development of the college community.



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Vaishnavi (S1 ME) delivered an inspiring presentation on the topic "A Tribute to Er. Ratan Tata" on 19/10/2024. Her presentation highlighted the visionary leadership, philanthropic values, and extraordinary contributions of Ratan Tata to India's industrial growth and societal development. Through her thoughtful insights and well-researched content, she honored his legacy as an engineer, entrepreneur, and humanitarian, leaving a lasting impact on the audience.

Mr. Siddharth S Nair (S7 ME) delivered an engaging and insightful presentation on the topic "The Car that Changed the Automobile Industry of India" on 28/10/2024. His session highlighted the revolutionary impact of this iconic vehicle on India's automotive landscape, focusing on its engineering innovations, affordability, and cultural significance. Through well-researched points and clear explanations, he illustrated how the car transformed mobility for millions, reshaped market dynamics, and set new benchmarks for the Indian automobile sector. His presentation was informative, impactful, and well appreciated by the audience.



Mr. Amal S Kumar (S5 ME) delivered an enlightening presentation on the topic "The Incredible World of Leonardo da Vinci" on 5/11/2024. His presentation explored the genius of Leonardo da Vinci, highlighting his extraordinary contributions as an artist, inventor, scientist, and visionary thinker. Through detailed insights into da Vinci's inventions, artworks, and scientific observations, Mr. Amal captivated the audience, showcasing how his innovative ideas continue to inspire creativity and innovation even today. The session was both informative and inspiring, leaving a lasting impression on all attendees.



Sessions on VRF and VRC technologies are essential for the construction and engineering industries, as they provide better energy management, flexibility, students gain practical insights into cutting-edge technology, improving their skill set and preparing them for future careers in the HVAC and building services sectors. Therefore, a session by Justin Vijay, Senior MEP Consultant, Evergreen Builders was organized. (22/08/2024)

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APPROVED BY AICTE & AFFILIATED TO THE KERALA KALAM TECHNOLOGICAL UNIVERSITY  
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**INVITED TALK ON**  
RECENT INNOVATIONS IN VRF AND VRC TECHNOLOGY

ORGANIZED BY  
DEPARTMENT OF MECHANICAL ENGINEERING

DATE: 22-08-2024

**RESOURCE PERSON**  
JUSTIN VIJAY  
SENIOR MEP CONSULTANT  
EVERGREEN BUILDERS

RIET SEMINAR HALL  
DATE: 22-08-2024  
TIME: 1.45 PM



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## Student Activities



5th Semester Students successfully completed their Mini IV project at Family Thermoplastics, Kulathoor on 19/10/2024. During this industrial visit, the students gained hands-on experience and practical insights into modern manufacturing processes, polymer processing techniques, and industry practices.



3rd and 5th Semester Students successfully completed their Mini IV project at the Kudankulam Nuclear Power Plant, Kanyakumari, Tamil Nadu on 20/7/2024. During this industrial visit, the students had the unique opportunity to observe the operations of a state-of-the-art nuclear power facility, gaining valuable insights into nuclear energy generation, safety protocols, and advanced engineering practices.



1st Semester Students successfully completed their Mini IV project at Milco Dairy Products, Attingal on 17/8/2024. During the visit, students gained practical exposure to modern dairy processing techniques, quality control measures, and the operational workflow of a large-scale dairy production facility.



7th Semester Students successfully completed their field studies at an HVAC installation site on 4/7/2024. During this practical exposure, the students observed the installation, commissioning, and maintenance of heating, ventilation, and air conditioning systems, gaining hands-on experience in real-world applications.



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## Celebrations



The Onam celebration in our department was a delightful and engaging event, truly reflecting the rich cultural heritage of Kerala. The festivities began with the creation of a vibrant and intricate “Pookalam” in the department, filling the space with color, fragrance, and a festive spirit. The celebration featured a variety of cultural activities, including traditional dances, music performances, and a friendly tug-of-war, which brought students, faculty, and staff together in a joyful and spirited environment. Everyone participated enthusiastically, fostering a sense of camaraderie, unity, and cultural pride. The event not only provided entertainment but also offered an opportunity to celebrate and honor Kerala’s traditions in a memorable and engaging way.



The Christmas celebration in our department was a festive and joyful occasion, radiating warmth, happiness, and togetherness. The department was adorned with beautiful decorations, including Christmas trees, twinkling lights, and colorful ornaments, creating a cheerful and inviting atmosphere for all participants. The event featured a variety of engaging activities, such as a Secret Santa gift exchange, carol singing, and a delicious Christmas-themed feast, which brought everyone together in the true spirit of the season. Students, faculty, and staff participated enthusiastically, fostering a sense of community, joy, and festive cheer. The celebration was a memorable occasion that not only spread happiness but also strengthened bonds within the department.



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## Celebrations



the Mechanical Workshop at RIET celebrated Ayudha Puja with traditional fervor. Students and faculty gathered to honor the tools and machinery that form the core of their learning and work. The event featured a ritualistic cleansing and decoration of the equipment, followed by a puja. flowers, fruits, and sweets were made, symbolizing gratitude and seeking blessings for continued smooth operation and safety. The atmosphere was one of reverence and community, reinforcing the importance of these vital tools in the pursuit of engineering excellence.

## Commencement Day & Convocation Day 2024



**RAJADHANI**  
INSTITUTE OF ENGINEERING  
AND TECHNOLOGY



**RAJADHANI**  
POLYTECHNIC COLLEGE



**RAJADHANI INSTITUTE OF**  
HOTEL MANAGEMENT AND  
CATERING TECHNOLOGY

### COMMENCEMENT DAY

28th August 2024 @ 9:30 AM

Keynote Address



**Dr. Alexander Jacob**  
IPS (Retd.)  
Former IGP, Sect. of Kerala

Presided By



**Dr. Biju Ramesh**  
Chairman  
Rajadhani Group of Institutions

Inaugural Address



**Sri. (Adv.) Adoor Prakash**  
Member  
Kerala Member of Parliament



2024 Batch Mechanical Engineering students at their Convocation ceremony .



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## Alumni Achievement



Our college is proud to celebrate the remarkable achievement of our alumnus, Adarsh Rs, and his company, Toboids Automata. Their groundbreaking Multi-Terrain Multi-Utility Robot, capable of operating across air, land, water, and underwater, was recognized at the DRDO Dare to Dream 4.0 event. They received a prestigious award of ₹8 lakhs, presented by the Honorable Defence Minister of India. This milestone highlights their dedication to defense innovation and technological advancement. Congratulations to Adarsh Rs and his team for making a significant impact in the defense sector!

## Farewell 2024

Farewell Function at RIET bid a heartfelt farewell to its graduating students in a memorable farewell function filled with emotions, gratitude, and celebration. The event featured inspiring speeches, cultural performances, and nostalgic moments, as faculty and juniors expressed their best wishes for the outgoing batch. It was a time to cherish memories, acknowledge achievements, and look forward to new beginnings. Wishing all the pass-out students great success in their future endeavors!





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## Achievements



**Dr. Bindu S S**, Associate professor and HoD Mechanical Engineering is receiving Best Faculty Award 2024



**Mr. Vijil**, Assistant professor, Mechanical Engineering Department receiving Award for conducting Exhibition in KPM Model School kollam



**Mr. Vijil**, Assistant professor, Mechanical Engineering Department receiving Best Faculty Award 2024.



**2024 Batch Mechanical Engineering students at their Convocation ceremony .**



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## Semester Toppers

**Department of Mechanical Engineering**  
S8 Toppers (2020 - 2024)

*Congratulations*

 <b>Akshay M S</b> Sgpa : 9.0	 <b>Amal A</b> Sgpa : 8.9	
 <b>Harikrishnan M</b> Sgpa : 8.7	 <b>Athul M Murali</b> Sgpa : 8.47	 <b>Prithviraj B</b> Sgpa : 7.83
 <b>Aswin S</b> Sgpa : 7.67	 <b>Skandhan S S</b> Sgpa : 7.67	

*Congratulations*

2020-24 Batch S8 toppers

**RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
NAAC NEA United Nations Academic Impact

**DEPARTMENT OF MECHANICAL ENGINEERING**  
S6 TOPPERS 2024

*Congratulations*

 <b>Adithyan T S</b> (SGPA : 8.26)	 <b>Sankar MS</b> (SGPA : 7.89)
 <b>Valentine VL Channa Hrahseel</b> (SGPA : 7.63)	

2021-25 Batch S6 toppers

**RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
NAAC NEA United Nations Academic Impact

**DEPARTMENT OF MECHANICAL ENGINEERING**  
S4 TOPPERS 2024

*Congratulations*

 <b>Vaishnav SS</b> (SGPA : 8.45)	 <b>Manu R Krishna</b> (SGPA : 7.27)
 <b>Amal S kumar</b> (SGPA : 7.00)	

2022-26 Batch S4 toppers

**RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
NAAC NEA United Nations Academic Impact

**DEPARTMENT OF MECHANICAL ENGINEERING**  
S2 Toppers 2024

 <b>Aadithyan B</b> SGPA:8.24	 <b>Adwath S</b> SGPA:7.65
 <b>Muhammed Naif</b> SGPA:7.48	 <b>AshikAshok</b> SGPA:7.02

2023-27 Batch S2 toppers

## Toppers



Akshay MS with SGPA- 9.0 (S8)



Adhithyan TS with SGPA-8.26 (S6)



Vaishnav SS with SGPA-8.5 (S4)



Adhithyan B with SGPA- 8.24 (S2)



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## Sports



“Golazo” is a unique and dynamic penalty football tournament organized by the Mechanical Department. Unlike traditional football events, this tournament focuses solely on penalty shootouts, creating an atmosphere of pure excitement, tension, and high-energy competition. The format allows participants to showcase their precision, composure, and goalkeeping skills under pressure, making every penalty kick a thrilling moment. With enthusiastic participation and a spirited environment, GOLAZO 2024 continues to stand out as a distinctive sporting event that brings students together and celebrates their passion for the game.

Our department’s teachers achieved a remarkable victory in the Teachers Cricket League 2024, organized by the CET Teachers Association, Trivandrum. Throughout the tournament, the team demonstrated outstanding cricketing skill, strong teamwork, and unwavering determination. Their consistent performance, strategic gameplay, and collective effort enabled them to overcome tough opponents and maintain a high level of excellence in every match.

This exceptional achievement reflects not only their sporting talent but also their dedication, discipline, and passion for the game.





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## Paper Publication by Faculty

- Dr.Bindu S S, “Sparse Representation Approach on Surgically Altered Face Images Using Voluntary Algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504
- Dr.Bindu S S, “Design and Fabrication of Sorting conveyer”, The International Journal of Analytical and experimental Modal Analysis (IJAEMA), 15, 1688-1692 (2024): 0886-9367
- Mr. Sree Raj M P, “Sparse representation approach on surgically altered face images using evolutionary algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504
- Vijil J, “Design and Fabrication of Sorting conveyer”, The International Journal of Analytical and Experimental Modal Analysis (IJAEMA), 15, 1688-1692 (2024): 0886-9367
- Joe Jeba Rajan K, “Sparse representation approach on surgically altered face images using evolutionary algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504.
- Sree Mahesh M P, “Design and Fabrication of Sorting Conveyer”, The international Journal of Analytical and experimental Modal Analysis (IJAEMA), 15, 1688-1692 (2024): 0886-9367.
- Niju V S, “Sparse Representation Approach on Surgically Altered Face Images Using Evolutionary Algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504
- Dr.Bindu S S, “Harnessing Suspension Dynamics: A Sustainable Approach To Compressed Air Generation in Automobiles”, International Journal of Research and Analytical Reviews( IJRAR), 11, 957-965 (2024): 2349-5138
- Sourav R Vimal, “Sparse Representation Approach on Surgically Altered Face Images Using Evolutionary Algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504
- Mr. Ullas S, “Harnessing Suspension Dynamics: A Sustainable Approach to Compressed Air Generation in Automobiles”, International Journal of Research and Analytical Reviews( IJRAR), 11, 957-965 (2024): 2349-5138
- Krishnakumar K, “Harnessing Suspension Dynamics: A Sustainable Approach to Compressed Air Generation in Automobiles”, International Journal of Research and Analytical Reviews( IJRAR), 11, 957-965 (2024): 2349-5138
- Mr. Sree Raj M P, “Design and Fabrication of Regenerative Clutch”, International Journal of Research and Analytical Reviews( IJRAR), 16, 1693-1696 (2024): 0886-9367
- Krishnakumar K, “Sparse Representation Approach on Surgically Altered Face Images Using Evolutionary Algorithm”, Revista Electronica de Veterinaria, 25, 2020-2027 (2024): 1695-7504
- Mr. Manoj A, “Design and Fabrication of Regenerative Clutch”, International Journal of Research and Analytical Reviews( IJRAR), 16, 1693-1696 (2024): 0886-9367
- Joe Jeba Rajan K, “Design and Fabrication of Multi Tool Indexing Drilling Machine”, Journal of Emerging Technologies and Innovative Research (JETIR), 11, 493-499 (2024): 2349-5162
- Mr. Ullas S, “Design and Fabrication of Multi Tool Indexing Drilling Machine”, Journal of Emerging Technologies and Innovative Research (JETIR), 11, 493-499 (2024): 2349-5162
- Dr.Bindu S S, “Design and Fabrication of Multi Tool Indexing Drilling Machine”, Journal of Emerging Technologies and Innovative Research (JETIR), 11, 493-499 (2024): 2349-5162



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## Conference Publication by Faculty

- Mr. Vijil J, has presented a paper titled “Enhanced Emission Control Using Cerium–Zirconium Oxide-Based Catalytic Converters” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Manoj A, has presented a paper titled “Enhanced Emission Control Using Cerium–Zirconium Oxide-Based Catalytic Converters” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Ullas S, has presented a paper titled “A Novel Approach to Compressed Air Generation via Automotive Suspension Systems” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Krishnakumar K, has presented a paper titled “A Novel Approach to Compressed Air Generation via Automotive Suspension Systems” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Joe Jeba Rajan K, has presented a paper titled “Design, Development, and Fabrication of an Automated Multi-Tool Indexing Drilling Machine” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Sree Mahesh M P, has presented a paper titled “An Engineering Approach to the Design and Fabrication of an Inspection Conveyor” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Sree Raj M P, has presented a paper titled “An Innovative Approach to the Design and Fabrication of a Regenerative Clutch” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.
- Mr. Sree Raj M P, has presented a paper titled “An Innovative Approach to the Design and Fabrication of a Regenerative Clutch” in the International Conference on Engineering and Scientific Innovations 2024 held at Universal College of Engineering, Tirunelveli on 25/04/2024.



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## Faculty Development Programmes Attended

- Mr. Joe Jeba Rajan K, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Education 5.0: Innovate, Educate, Elevate” organised by Rajadhani Business School from 10th July 2024 - 12th July 2024.
- Mr. Manoj A, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Sree Raj M P, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Amal J Anil, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Dr. Bindu S S, HOD of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Sreemahesh M P, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Krishnakumar K, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Sourav R Vimal, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Joe Jeba Rajan K, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Vijil J, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.
- Mr. Niju V S, Assistant Professor of Mechanical engineering department has attended a Faculty Development Programme on “Fusion fundamentals CAD and CAM” by AUTODESK from 11/12/2024 to 13/12/2024.



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## Feedbacks :

Alumni provide valuable perspectives on how well the program prepared them for their careers. This helps current students understand what skills or knowledge they might need to develop and gives them a clearer picture of potential career opportunities.



The foundation of my engineering career was firmly established at the Mechanical Engineering Department of Rajadhani Institute of Engineering and Technology (RIET), Attingal. The department's robust curriculum and emphasis on quality engineering principles have proven instrumental in my role as a Production Quality Engineer at Northvolt Ett, Sweden. The practical knowledge and analytical skills gained during my B.Tech program, combined with the department's focus on manufacturing processes and quality control, have been invaluable in meeting the demanding standards of battery production at Northvolt. I attribute much of my professional success to the strong technical foundation and problem-solving mindset cultivated during my time at RIET.

**Ashwin J Wilson**  
Production Quality Engineer  
Northvolt Ett  
Skellefteå, Sweder



My journey at the Mechanical Engineering Department of Rajadhani Institute of Engineering and Technology (RIET), Attingal, equipped me with the perfect combination of theoretical knowledge and practical skills that drive my success today. The department's excellent faculty, well-equipped laboratories, and industry-focused curriculum have proven invaluable in my current role as a Procurement Engineer at Oxypro ElectroMechanical Works LLC, Dubai. The problem-solving abilities and technical expertise I gained during my B. Tech program continue to be assets in my professional career.

**Mohamed Thariq N**  
Procurement Engineer  
Oxypro ElectroMechanical Works LLC  
Dubai, UAF



Studying Mechanical Engineering at Rajadhani Institute of Engineering and Technology, Nagaroor (2019–2023 batch) was a transformative journey that laid the foundation for my professional career. The department's strong focus on academic excellence, practical exposure, and innovation helped me develop both technical competence and critical problem-solving skills. The faculty were immensely supportive, constantly encouraging us to go beyond textbooks and engage in real-world applications through hands-on labs, workshops, and industry-linked projects. Today, as a Junior Design Engineer at Smart Engineering Design Solutions, I continue to benefit from the solid foundation and values instilled in me at RIET. I am proud to be an alumnus of an institution that truly nurtures and shapes future engineers."

– Abhay Krishnan A  
Junior Design Engineer  
Smart Engineering Design Solutions



My journey through the Mechanical Engineering program at Rajadhani Institute of Engineering and Technology, Nagaroor (2019–2023 batch) was a pivotal experience that shaped my professional identity. The institution provided an ideal blend of theoretical grounding and practical exploration, which greatly contributed to my growth as an engineer and innovator. The supportive faculty, access to modern labs, and focus on industry-oriented learning enabled me to build a strong foundation in design, fabrication, and innovation. These experiences continue to fuel my work as a FabLab Specialist and Innovation Ambassador at REVA University. RIET didn't just teach me engineering—it empowered my passion to build, train, and inspire."

– Sree Hari Arun  
FabLab Specialist | Innovation Ambassador (IA)  
REVA University



The Mechanical Engineering program at Rajadhani Institute of Engineering and Technology, Nagaroor (2019–2023 batch) played a crucial role in shaping my professional journey. The curriculum was comprehensive, combining theoretical concepts with practical applications that prepared me for the real-world challenges of the engineering industry. The faculty's guidance and the exposure to industry-relevant tools and practices helped me build a solid foundation in estimation, design, and analysis. Today, as an Estimation Engineer at Petrosafe Specialized Piping LLC, I continue to apply the knowledge and values instilled in me at RIET, and I remain grateful for the discipline and direction the institute provided."

– Gopu S  
Estimation Engineer  
Petrosafe Specialized Piping LLC