



MECHANOVATE

DRIVING INNOVATION BEYOND THE BLUEPRINT

DEPARTMENT OF MECHANICAL ENGINEERING



CHAIRMAN

Sri K. Venu Gopal

It's my pleasure to invite you to this campus, which is abundantly endowed by nature and sufficiently enriched with our abiding commitment to quality and values. I am sure it will be a pleasant and enlightening experience for you to explore the treasures for yourself.



SECRETARY

Sri K. Sai Rohith

we from RCE thrive every day in providing the highest quality education, placements and skill sets for our students, which go in parallel with a fastmoving enironment



PRINCIPAL

Dr. V. Srinivasa Rao

It is my pleasure to express about your study for a career at RCE. A unique place with state-of-the-art infrastructure and equipment on cutting-edge technologies with knowledge transfer by experienced faculty and technical staff. Having chosen to study at RCE, It will make you competent in advanced technologies along with scheduled training programs throughout the course. The present era of technical careers focuses on multi-disciplinary activities which makes the identity of one's career. So, I promise the above are fulfilled at RCE. I welcome you all, to this distinguished campus to transform your lives.

INSTITUTE VISION

To emerge as a “Centre of excellence” offering high quality Technical Education and Research Opportunities to learners and also develop complete personality of graduates with good communication, discipline, lifelong learning, leadership qualities, ethics and global standards there by making them professionally deft and intellectually adept to contribute for the advancement of environment and society.

INSTITUTE MISSION

- To impart high quality technical education by providing the state-of-the art infrastructure, core instruction and well experienced and qualified faculty.
- To develop highly motivated engineering professionals with good knowledge, communication skills, human and ethical values, requisite skills and competence.
- To produce highly successful graduates who can contribute to the profession to resolve the societal and environmental issues in the society.

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT VISION

To become a centre of excellence in the field of Mechanical Engineering by providing quality technical education and research to learners and solve social and environmental problems by developing innovative and creative skills in them and make the graduates employable along with lifelong learning, leadership and entrepreneurial skills.

DEPARTMENT MISSION

To provide a platform to the aspiring mechanical engineers to attain quality education by utilizing the state of art Infrastructure, Innovative teaching methods and eminent faculty. To empower students with innovative and research skills to attain opportunities in Mechanical Engineering field and be solution providers with a lifelong learning attitude. To equip the learners with a sense of ethical and professional responsibilities towards society and environment along with leadership and entrepreneurial skills.

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT PEO'S

- PEO-1: Gain the knowledge of principles in applied and basic engineering sciences which are necessary to formulate and solve problems related to Mechanical Engineering.
- PEO-2: Apply analysis, design, optimization and implementation skills in order to formulate and solve Mechanical Engineering problems.
- PEO-3: Develop the latest skills in cutting edge technologies and modern tools to simulate the real time problems without experimentation.
- PEO-4: Develop their managerial and Entrepreneur skills, Ethical and Professional skills and Art of multi-disciplinary approach and team work to solve the problems of industry and society.
- PEO-5: Recognize the needs of the future world of science & technology especially Mechanical Engineering and engage themselves in lifelong learning and research.

DEPARTMENT PSO'S

U.G PSOs

- PSO-1: An ability to analyze, design and evaluate mechanical components and systems using state-of-the-art software tools needed for Mechanical Engineers as demanded by the industries from time to time.
- PSO-2: An ability to work in operation and Maintenance plants of manufacturing and other sectors
- PSO-3: Imbibing confidence to design, redesign, produce and reproduce the Mechanical Engineering components at any scale

P.G PSOs

- PSO 1 : Prepare process sheets and working drawings to manufacture a machine element.
- PSO 2 : Model, simulate, analyze and optimize mechanical systems / processes through application of software.

DEPARTMENT PO'S

PO NO	PROGRAM OUTCOME
PO-1	Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and Engineering specializations to the solution of complex engineering problems.
PO-2	Problem Analysis: Identify, Formulate, review research literature and analyze complex engineering problems to arrive at substantiated conclusions using first principles of mathematics, natural and engineering sciences.
PO-3	Design/Development of Solutions: Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-4	Conduct Investigations of Complex Problems: Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with and understanding of the limitations.
PO-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
PO-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
PO-8	Ethics: Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice
PO-9	Individual and Team Work: Function effectively as an individual and as a member or leader in teams and in multidisciplinary Settings
PO-10	Communication: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.
PO-11	Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.
PO-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.



Welcome to the Department of Mechanical Engineering at RCEE. We began our voyage in the time of 2011 with the intake of 60 seats and it has enhanced to 120 seats in the year 2012. In the year 2014, the department expanded its horizon with a PG course in Machine Design with 24 seats intake. Over this period, we have developed our mastery of educating and research.

The Department pursues expertise based designing educational program surrounded by JNTUK and essential focal point of the educational program is to grant specialized ability to understudies with hands-on preparing in the research centers, advance their critical thinking aptitudes and development of new innovations. Department is giving chances to both the faculty and understudies to embrace new logical and innovative improvements. The Department keeps up dynamic research by urging workforce and understudies to completing synergistic and interdisciplinary research. We have cutting edge look into offices to help our scholarly projects and research. Subsidizing from different Government/Non Government bodies help us to keep up and modernize our exploration foundation. The Department has an eminent record in both instructing and research. We have a group of exceptionally qualified, experienced, developed and devoted employees who are resolved to cut a name in the top spots of the scholastic and expert world. A few employees serve on the publication sheets of national, worldwide diaries, survey specialized articles for diaries all the time and got global and national honours' in perfection in instruction and research. Our goal isn't to simply deliver experts proficient to serve their very own needs yet attempt to serve the general public with incredible worry for human qualities. I wish accomplishment to all understudies in your undertaking to go along with us on the voyage of value instruction and to have an incredible learning knowledge with my superb, cherishing and minding group. Our Department anticipates contribute in tackling the mechanical difficulties of the general public with dynamic support from all segments of the general public. I urge you to investigate our site for further subtleties like scholarly projects offered, lab and research facilities, profiles of employees, inquire about exercises, and subtleties of understudy exercises.

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY

MEMBERS

NAME	DESIGNATION
1.Dr. M. Muralidhara Rao[M.Tech,Ph.d]	Principal & Professor
2. Dr. Bazani Shaik [M.Tech,Ph.d]	HOD& professor
3.Mr.B.Sudhakara Rao [M.Tech,(Ph.d)]	Associate professor
4.Dr. Raffi Mohammed [M.Tech,Ph.d]	Professor
5.Dr.K.Anand Babu [M.Tech,Ph.d]	professor
6.Mr. G. V. Phani Babu [M.Tech]	Assistant professor
7.Mr.KPVSR Vinay Kumar [M.Tech]	Assistant professor
8. Mr. G. Chitti Babu [M.Tech,(Ph.d)]	Assistant professor
9.Mr. A. Rahul Kumar [M.Tech,(Ph.d)]	Assistant professor
10. Mr. J. Srikanth [M.Tech,(Ph.d)]	Assistant professor
11.Mr. K. Bhavanarayana [M.Tech,(Ph.d)]	Assistant professor
12. Mrs. P. Lakshmi kala [M.Tech]	Assistant professor
13. Mr. Y. Hemanth [M.Tech]	Assistant professor
14. Mr. M.Vimal Teja [M.Tech]	Assistant professor
15. Mrs. P. Naga Sravani [M.Tech]	Assistant professor
16. Mr. S. Suneel Kumar [M.Tech]	Assistant professor
17.Mr. B. Naga Babu [M.Tech]	Assistant professor
18. Mrs. B. Devi Priyanka [M.Tech]	Assistant professor
19. Mr. SK. Meeravali [M.Tech]	Assistant professor
20. Mr. CH. Phani Kumar [M.Tech]	Assistant professor
21. Mrs. O. Pavitra [M.Tech]	Assistant professor
22. Mr. K. Ravindranath[M.Tech]	Assistant professor

Faculty Publications in National and International Journals

S.No	Faculty Name	Title
1	Dr.Bazani Shaik	Design and development of human prosthetic robotic hand by using 3d printing technology.
2	Dr.V.Srinivasa Rao & Dr. Bazani Shaik	Design and Development of Garbage Collection Robot.
3	Dr.V.Srinivasa Rao & Dr. Bazani Shaik	Experimental Investigation of Mechanical Properties of Basalt , S-Glass and Chopped glass fiber reinforced with 10% sheep horn powder
4	Dr.V.Srinivasa Rao & Dr. Bazani Shaik	Design and Fabrication of Assistance and Logistics of Autonomous Robot for COVID patients
5	Dr.Bazani Shaik	Parameters Investigations Helpful for Manufacturing Industries
6	Dr.Bazani Shaik	Investigations on Friction Stir Processing with Alloys Development of Microstructures for the Society
7	Dr.Bazani Shaik	Investigations on Mechanical Properties for Aerospace and Defense Applications
8	Dr.Bazani Shaik	Assessment of Rotational Speed and Plunge Rate on Lap Shear Strength of FSSW Joints of AA7075/Mild Steel
9	M. Vimal Teja	Development of Alloys on FSP for Industrial
10	J. Srikanth	Modeling and Crash analysis of Car Bumper using different Materials
11	Dr.Bazani Shaik	Nanotechnology to Create Biofuels from Butchery Residue for Recyclable Catalysts of Environment
12	Dr.Bazani Shaik	Design and Analysis of 3D Printed Vent Splitter Using Pla Anti-Bacterial by FDM Machine.
13	K Ravindranath	Influence of Graphite in metal Matrix composite Fabricated by Stir Casting.
14	B Naga Babu	Fabrication and mechanical properties of AL6061, BC&SIC.
15	Dr.Bazani Shaik	Design and Development Of Automatic Sanitization and Temperature Measuring System
16	K Bhavannarayana	Fabrication And Mechanical Property Evaluation of Functionally Graded Materials with Zirconium Oxide (ZrO ₂) and combination of Aluminum 7075 (Al 7075), Titanium diboride(TiB ₂) by Powder Metallurgy

In the academic year 2022–23, the Department of Mechanical Engineering at Ramachandra College of Engineering demonstrated strong academic and research excellence under the dynamic leadership of Dr. Bazani Shaik, Head of the Department. Dr. Shaik played a crucial role in fostering a research-driven environment and encouraging faculty members to engage in quality research work. His own scholarly contributions, including the publication of two book chapters titled “Parameters of Microstructural Investigations for Novel Materials” and “Recent Advances in Material, Manufacturing, and Machine Learning”, set a benchmark for research activities in the department.

Furthermore, the department witnessed active involvement from all faculty members in publishing technical papers in various Scopus-indexed and UGC-listed journals. Faculty members including Dr. M. Muralidhararao, Dr. Raffi Mohammad, Mr. B. Sudhakarara Rao, Mr. A. Rahul Kumar, Mr. G. Chitti Babu, Mr. K. Ravindranath, Mr. V. Santha Kumar, and Mr. Y. Hemanth contributed significantly by presenting innovative ideas and research outcomes in the domains of thermal engineering, advanced manufacturing, renewable energy systems, robotics, and composite materials.

Their publications not only enhanced the academic stature of the department but also opened collaborative opportunities with research institutions and industries. The department also organized faculty development programs, workshops, and webinars to enrich the research capabilities of the staff. These consistent efforts collectively helped in promoting a robust research culture among both faculty and students, aligning with the institution’s vision of academic excellence and innovation.

The emphasis on research and publication has not only elevated the academic profile of the Mechanical Engineering Department but also inspired a spirit of innovation and inquiry among students. Faculty members mentored several student-led research projects, many of which were aligned with current industry trends and societal needs. The outcome of these research initiatives was evident in the form of collaborative projects, interdisciplinary studies, and increased participation in national and international conferences. Some papers received commendations for originality and practical application, reflecting the department's commitment to addressing real-world engineering challenges. The consistent output of scholarly work has positioned the department as a hub for academic excellence and technical advancement within the institution and beyond.

FACULTY BOOKS & BOOK CHAPTER PUBLICATIONS ON RECENT TRENDS IN MECHANICAL ENGINEERING

In the academic year 2022–23, the Department of Mechanical Engineering demonstrated notable progress in research and academic publishing. Dr. Bazani Shaik, Head of the Department, authored two influential book chapters in reputed international publications, showcasing the department's commitment to innovation and advanced research. His contributions titled “Mathematical Modelling of Different Parameters with Friction Stir Processing for Future Applications” and “Parameters of Microstructural Investigations for Novel Materials” are based on advanced topics that align with the emerging needs of modern manufacturing and material science. These chapters offer valuable insights into sustainable processing techniques and the role of microstructural analysis in the development of high-performance engineering materials.

The publications are part of edited volumes that focus on recent trends and future scopes in mechanical engineering, contributing to academic curricula and reference materials for scholars and industry professionals. Dr. Bazani Shaik’s work received appreciation for its technical depth, analytical rigor, and relevance to industrial applications. These chapters are expected to support further research collaborations, enhance the department’s academic reputation, and serve as foundational content for student research guidance.

Additionally, these publications reflect the department's strategic emphasis on promoting faculty research, encouraging knowledge sharing, and supporting faculty members in publishing their work in indexed and peer-reviewed platforms. Such achievements also serve as a motivational benchmark for young researchers within the institution.

Faculty Name	Book/Book Chapter Namee
Dr. Bazani Shaik	Parameters of microstructural investigations for novel materials
Dr. Bazani Shaik	Mathematical Modelling different parameters with friction stir processing for future applications

FACULTY INNOVATION THROUGH PATENT PUBLICATIONS

The Department of Mechanical Engineering achieved a significant milestone in the academic year 2022–23 through its contributions to intellectual property and innovation. Under the leadership of Dr. Bazani Shaik, Head of the Department, faculty members actively pursued research with practical applications, resulting in the publication of six patents. The inventors include Dr. Bazani Shaik, Mr. B. Sudhakarara Rao, Mr. M. Vimal Teja, and Mr. K. Bhavana Narayana. These patents reflect the department's strong focus on problem-solving, design thinking, and product-oriented research in core mechanical and interdisciplinary domains. The patent publications not only highlight the innovative capabilities of the faculty but also add substantial value to the academic profile of the department. Such accomplishments encourage a culture of innovation among students and lay the foundation for future technology transfers, research collaborations, and entrepreneurial initiatives.

Patent Application

S.no	Inventor's Name	Number	Title of the Patent
1	Dr. BAZANI SHAIK	202241073252	NOVEL METHODOLOGIES FOR EARLY WEED DETECTION FOR IMPROVISING CROP YIELD USING THE ALGORITHMS OF MACHINE LEARNING
2	Mr. BHAVANARAYANA. KOTTE	202241048481	AUTOMATED DUSTER CHALK POWDER CLEANER
3	Mr.B.SUDHAKARARA RAO	202241050550	LOW COST PUMP HIGH CAPACITY PUMP INTENSIVE SHAFT PUMP
4	MR.M.VIMALTEJA	202241050549	OZO-UV WASHING MACHINE
5	MR.BHAVANARAYANA.KO TTE	202241048479	HIGH-CAPACITY DISINFECTANT SPRAYING MACHINE WITH AUTO-RETRACTABLE HOSE REEL FOR USE IN LARGE PUBLIC
6	Dr. BAZANI SHAIK	202241048480	UNDER WATER HYDRAULIC OPERATED WEED CUTTING MACHINE

FACULTY DEVELOPMENT PROGRAM PARTICIPATION

The Department of Mechanical Engineering places a strong emphasis on continuous learning and upskilling of its faculty. In the academic year 2022–23, faculty members collectively participated in 29 Faculty Development Programs (FDPs), covering a broad spectrum of emerging areas in mechanical engineering and interdisciplinary technologies. These programs were aimed at enhancing faculty competence in both theoretical and practical aspects of advanced engineering systems.

The FDPs attended focused on diverse themes including:

- Recent Trends in Mechanical Engineering
- Advanced Robotics and Automation Systems
- Artificial Intelligence and Data Analytics in Engineering
- Finite Element Analysis and Computational Modelling
- IoT Integration in Manufacturing Systems
- 3D Printing & Advanced Manufacturing Technologies
- Electric Mobility and Hybrid Vehicles
- Smart Materials and Nano-Technology Applications

These programs were conducted by reputed institutions such as IIT Madras, NIT Warangal, NIELIT Calicut, Andhra University, SRM Institute of Science and Technology, and various AICTE-ATAL Academies, offering in-depth sessions from experienced professors, industry experts, and research scientists.

The major objectives of attending these FDPs included:

- Strengthening the knowledge base in specialized technical domains
- Updating teaching methodologies aligned with NEP-2020 and Outcome-Based Education (OBE)
- Bridging the gap between academic content and industry expectations
- Promoting interdisciplinary and application-oriented learning
- Preparing faculty for research guidance, proposal writing, and consultancy projects

Outcomes & Impact:

- Faculty members implemented new ideas and tools into curriculum design, such as integrating robotics modules into CAD/CAM labs and introducing AI-based topics in student mini-projects.
- Several FDPs also helped faculty initiate interdisciplinary student research and proposal submissions for funding bodies.
- The department has witnessed improved student engagement, innovation in teaching, and elevated project quality due to faculty exposure to recent trends.
- Networking during FDPs led to collaborative opportunities with faculty from other institutions and industry professionals.

This proactive participation reflects the department's dedication to academic excellence, continuous improvement, and relevance in a rapidly evolving technological landscape. The department continues to encourage faculty members to take part in such capacity-building programs to remain at the forefront of technical education and innovation.

NEWGENIEDC -RCE

Organising A Workshop on Drone Pilot Training

14th-17th February, 2023



in association



The Department of Mechanical Engineering organized a College-Level Drone Pilot Workshop, extending participation beyond departmental boundaries and welcoming students from various engineering branches including ECE, CSE, EEE, and Civil. This hands-on workshop was conducted as part of the department's efforts to promote emerging technologies and interdisciplinary learning. The workshop aimed at providing students with foundational and practical knowledge of Unmanned Aerial Vehicles (UAVs), focusing on both theoretical and skill-based components.

Over 150 students from different departments enthusiastically took part in the Four-day event. The training sessions included modules on drone design principles, aerodynamics, flight control systems, and safety protocols, delivered by experienced trainers and faculty experts. Students were given real-time exposure to the assembly and disassembly of quadcopters, calibration of flight controllers, and hands-on drone piloting experience through flight simulation software and open-ground flying sessions.

The workshop also highlighted various applications of drones in industries such as agriculture, defense, surveillance, aerial mapping, logistics, and disaster management. Participants were encouraged to explore innovative ideas for drone-based projects and were awarded participation certificates. The initiative not only enhanced technical knowledge but also fostered teamwork, problem-solving, and interest in aerospace and robotics domains.

The workshop was a resounding success and received commendable feedback from students across disciplines. It stands as a testament to the Mechanical Engineering Department's commitment to fostering a technologically enriched learning environment and preparing students for the future of smart engineering solutions.



#KREYA23



A THREE DAY NATIONAL LEVEL TECHNICAL FEST



6

WINNERS



3

EVENTS



100+

PARTICIPANTS



KREYA, the flagship technical fest of Ramachandra College of Engineering, was conducted with grandeur and enthusiasm, bringing together bright minds from across departments and institutions. As a major contributor to this vibrant fest, the Department of Mechanical Engineering played a significant role by organizing a series of technical and creative events designed to encourage innovation, critical thinking, and hands-on learning.

Over the course of two days, the fest saw active participation from Mechanical Engineering students as well as students from other branches and neighboring institutions. On Day 1, the department conducted four major technical events:

1. Paper Presentation – where students showcased innovative research ideas and technical concepts related to advanced mechanical systems, sustainability, manufacturing technologies, and automation.
2. Poster Presentation – highlighting visually impactful displays of engineering concepts, creative problem-solving approaches, and future technologies.
3. Project Expo – a platform for final-year and pre-final-year students to display their working models and prototypes, ranging from robotics and renewable energy systems to automation and IoT-integrated mechanisms.
4. Technical Quiz – which tested the technical knowledge, logical reasoning, and domain-specific awareness of the participants.

In addition to these, several fun-filled technical games and spot events were organized, including CAD modeling challenges, rapid fire mechanics, and engineering puzzles. The events were judged by internal faculty and industry experts who appreciated the level of creativity and technical knowledge demonstrated by the students.

On Day 2, the atmosphere turned celebratory with a series of cultural programs, including solo and group dances, skits, instrumental music, singing, and fashion shows. These events provided a platform for students to express their artistic and creative talents, encouraging a balance between academics and extracurricular excellence.

The Mechanical Engineering Department's contribution to KREYA was met with high praise for its coordination, student involvement, and overall execution. The event successfully fostered a culture of interdisciplinary collaboration, technical exploration, and cultural integration, reinforcing the department's vision of holistic student development.

KREYA 2K23

PROJECT EXPO

200+
PARTICIPANTS

**BIGGEST TECH
EVENT**

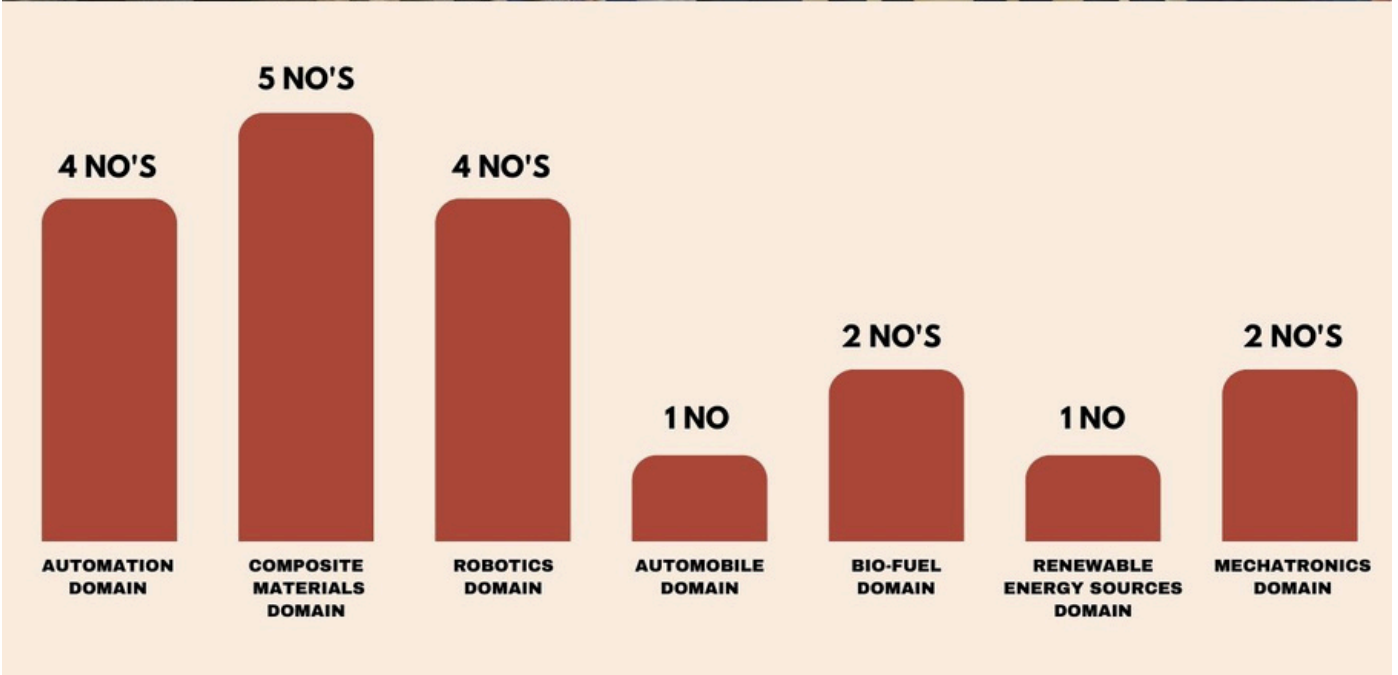
50+
PROJECTS

3 WINNERS

STUDENT MAJOR PROJECT HIGHLIGHTS

- 1. Design And Development of Human Prosthetic Robotic Hand By Using 3d Printing Technology.**
- 2. Evaluation Of Mechanical Properties on Al7075 Reinforced with Hybrid Nano Composites.**
- 3. Versatile Hydraulic Jack System for Rapid Tyre Change and Maintenance in Automobiles.**
- 4. Experimental Investigation on Mechanical Properties Of Al7075 Reinforced With Hybrid Nano Composites.**
- 5. Experimental Analysis Of Al6061 Reinforced with Hybrid Composites.**
- 6. Design And Fabrication of an Assistance and Logistic Autonomous Navigation Robot For the Application Of COVID-19 Patients.**
- 7. Fabrication Of an Advanced Automatic Glass Cutting Machine Using CNC JS Software.**
- 8. Micro Microstructural and Mechanical Behaviour of Al 7075 Reinforced with Nano Hybrid Composites.**
- 9. Experimentation And Testing of Mechanical And Physical Properties Of Natural Fiber Hybrid Composites (Palmyra Fruit Or Bamboo Fibre).**
- 10. Design and Fabrication of Solar Collectors by Using Heat Exchangers to Increase the Thermal Efficiency.**
- 11. Experimental Investing on The Performance and Emission Of An Ic Engine Filled With Different Bio-Diesel Blends Using Butanol as an Additive.**
- 12. Design And Development of Manual Operated Garbage Collecting Robot.**
- 13. Investigation of Mechanical Properties of Al 2024 Reinforced With Hybrid Composites.**
- 14. Fire Detection and Fire Control Vehicle.**
- 15. Experimental Investigation of Mechanical Properties of Basalt, S-Glass And Chopped Mate Fiber Reinforced With 10 % Sheep Horn Powder.**
- 16. Experimental Investigation of Heat Transfer Enhancement of Solar Collector by Using Nano Fluids.**
- 17. Solar Floor Wiper Robot.**
- 18. Fabrication Of Automatic Waste Segregating Bin.**
- 19. Design And Fabrication of Portable CNC Machine.**





PLACEMENTS 2022-23

The Department of Mechanical Engineering takes immense pride in announcing the successful placement of four of its final-year students in Tata Consultancy Services (TCS), one of India's leading global IT and consulting firms. The selected students demonstrated exceptional skills, adaptability, and strong technical and communication abilities throughout the multi-stage selection process, which included online assessments, technical interviews, and HR evaluations.

Their achievement is a testament to the department's commitment to holistic student development, including academic excellence, soft skill enhancement, and industry-readiness training. The Placement Cell, along with the faculty mentors, played a vital role in preparing the students through mock interviews, aptitude training, and resume-building sessions.

This milestone reflects the growing presence of mechanical engineering graduates in diverse industrial domains, including the IT sector, where analytical thinking and problem-solving capabilities are highly valued. The department congratulates the placed students and wishes them continued success in their professional journey.

TATA CONSULTANCY SERVICES

3.6 LPA

Y.MADHU

B.LOKESH

T.NAVEEN

S.O.DHARMENDRA

The Department of Mechanical Engineering proudly congratulates Mr. N. Ananth, a final-year student, on his successful placement in **PIE Infocomm Pvt. Ltd.**, a reputed technology solutions company. He has been offered an impressive annual package of ₹4.5 Lakhs, showcasing his technical excellence, problem-solving capabilities, and strong interpersonal skills.

The selection process included a rigorous screening that involved online aptitude tests, technical rounds, and HR interviews, where Mr. Ananth demonstrated remarkable performance and industry readiness. His achievement highlights the department's continuous focus on employability enhancement, skill development, and career guidance through structured training programs and expert mentorship.

This placement not only marks a significant personal milestone for the student but also reinforces the department's commitment to preparing students for diverse and high-growth career opportunities across sectors. The department extends its heartfelt wishes to Mr. N. Ananth for a successful and fulfilling professional journey ahead.



N.ANANTH KUMAR



The Department of Mechanical Engineering is delighted to announce that six final-year students have been successfully placed in **RAAM Group**, a reputed automotive sales and service organization known for its association with leading automobile brands across India. The selected students have showcased strong technical fundamentals, practical knowledge, and excellent communication skills throughout the multi-stage recruitment process, which included group discussions, technical interviews, and HR rounds.

This achievement reflects the department's consistent efforts in enhancing industry-oriented learning, soft skills training, and placement preparedness. With hands-on lab sessions, project-based learning, and continuous mentoring, the department ensures that students are well-equipped to take on diverse roles in the mechanical and automotive sectors.

The department congratulates all six students on their success and expresses its gratitude to the Training & Placement Cell and faculty members for their continued support. This accomplishment further strengthens the department's reputation in achieving high placement standards and producing industry-ready graduates.

RAAM GROUP

2.4
LPA



G.DILEEP



T.H.V.KRISHNA



P.SRINADH



M.SAI KUMAR



D.GANESH



P.NAVEEN

The Department of Mechanical Engineering proudly announces that three of its final-year students have been selected by **Teleperformance**, a globally renowned digital business services and customer experience management company. The students were chosen after a rigorous selection process involving aptitude assessments, communication evaluations, and HR interviews.

Their selection reflects the department's dedication to nurturing well-rounded professionals equipped not only with core technical knowledge but also with strong interpersonal and communication skills. The department's emphasis on personality development, soft skills training, and career counseling has played a vital role in helping students tap into opportunities across diverse sectors.



Teleperformance

2.4
LPA



The Department of Mechanical Engineering proudly celebrates a major placement milestone with 56 final-year students being successfully selected by **Woosu India**, a reputed multinational company known for its excellence in manufacturing and engineering services. This achievement stands as a testament to the department's unwavering commitment to academic excellence, skill development, and career-focused training.

The recruitment drive conducted by Woosu India included written assessments, technical interviews, and HR rounds, where students demonstrated commendable performance in both core mechanical concepts and practical applications. The company appreciated the technical preparedness, discipline, and professionalism displayed by the candidates.

This large-scale selection reflects the department's strategic focus on industry collaborations, hands-on training, and placement readiness programs, which have significantly enhanced student employability. The department extends heartfelt congratulations to all 56 students and expresses sincere gratitude to the Training & Placement Cell and faculty mentors for their relentless support in guiding students towards successful careers.

This placement success adds to the department's growing list of achievements and reaffirms its position as a leading hub for industry-ready mechanical engineers.



The Department of Mechanical Engineering is proud to announce that a total of 70 students have secured placements through campus recruitment drives up to March 2024. This outstanding achievement reflects the department's consistent efforts in fostering industry-aligned education, practical training, and career-oriented skill development.

Students were placed in reputed companies such as Woosu India, TCS, RAAM Group, PIE Infocomm, and Teleperformance, covering a diverse range of roles in manufacturing, IT, automotive, and service sectors. The department's emphasis on technical competence, communication skills, and professional readiness has played a pivotal role in helping students meet the expectations of top recruiters.

NSS Initiatives – Blood Donation

The Department of Mechanical Engineering, in association with the National Service Scheme (NSS) unit of Ramachandra College of Engineering, conducted a Mega Blood Donation Camp during the academic year 2022–23. The primary aim of the event was to spread awareness on the life-saving impact of voluntary blood donation and to encourage students to engage in socially responsible initiatives. The camp was held in collaboration with the Red Cross Society and the Government Blood Bank, Eluru, ensuring safe and hygienic practices throughout the event.

The camp was inaugurated by the Honorable Principal, who emphasized the importance of donating blood as a selfless act that strengthens community bonds and saves countless lives. NSS Program Officers and faculty coordinators from the Mechanical Engineering Department actively supervised the event. A dedicated medical team conducted pre-donation health check-ups, including blood pressure, hemoglobin levels, and overall fitness assessments.

Over 120 students and 20 faculty members registered for the camp, and around 95 units of blood were successfully collected. Donors were provided with refreshments, appreciation certificates, and health advisory materials. The event was supported by student volunteers from Mechanical Engineering who managed logistics, registration desks, and donor support areas efficiently. Informative posters, banners, and awareness skits were also organized to highlight the myths and facts surrounding blood donation.

The camp was a great success and received positive feedback from medical officials and donors alike. It not only fulfilled a pressing social need but also instilled a strong sense of civic duty, empathy, and unity among students. The Department of Mechanical Engineering continues to lead such community welfare activities, aligning with the broader vision of developing technically sound and socially responsible engineers.



Top Performers of the Year

A.Y: 2022-23 ODD SEM

I YEAR I SEM

I TOPPER	22ME1A0315	K. SATISH BABU	8.08 SGPA
II TOPPER	22ME1A0332	S.L.L.A.MANIKANTA	7.69 SGPA
III TOPPER	22ME1A0322	M. SANDEEP	7.08 SGPA

II YEAR III SEM

I TOPPER	21ME1A0318	P. VIJAY BABU	7.85 SGPA
II TOPPER	21ME1A0304	B. DHANUSH	7.38 SGPA
III TOPPER	21ME1A0322	R.SUNIL	6.77 SGPA

III YEAR I SEM

I TOPPER	20ME1A0305	BUDIDHA LOKESH	7.38 SGPA
II TOPPER	20ME1A0327	M.G.V.P.SAI	7.23 SGPA
III TOPPER	20ME1A0344	SK.IMRAN BASHA	7.08 SGPA

IV YEAR I SEM

I TOPPER	19ME1A0301	A.JAGADEESH	8.66 SGPA
II TOPPER	19ME1A0354	M.T.V.SAI	8.03 SGPA
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