

BAPUJI EDUCATIONAL ASSOCIATION® BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY, DAVANAGERE.

MECH NEWS

ANNUAL NEWS LETTER OF MECHANICAL ENGINEERING DEPARTMENT JAN-DEC 2023

Editorial Board

Chief Editor: Dr. G. Manavendra Professor & Head Mechanical Engineering Department

Advisors:

Prof.Y.Vrushabhendrappa Director, BIET, Davanagere

Dr. H. B. Aravinda Principal, BIET, Davanagere

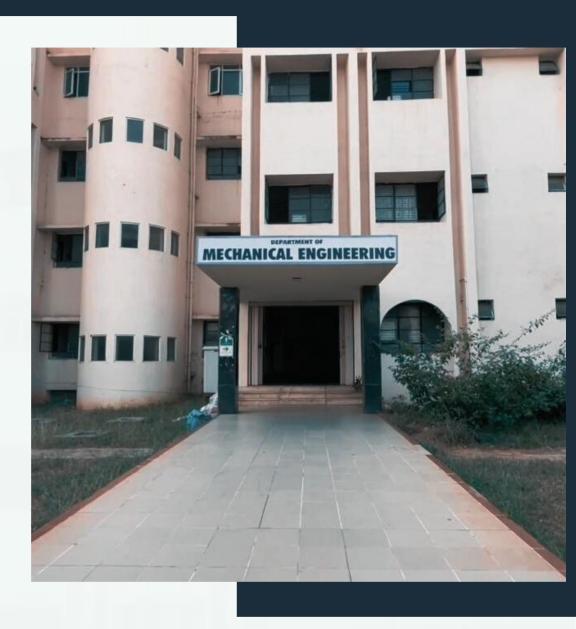
Editors:

Dr. Sharan A.S. Associate professor

Sushma A Patil Assistant Professor

Student Members:

M J Rakshith 5th Sem Jeevan S R 7th Sem Aniruddha N 7th Sem Vyshak B S 7th Sem



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VISION:

The Department endeavors to be a center of excellence to provide quality education leading the students to become professional mechanical engineers with ethics, contributing to the society through research, innovation, entrepreneurial and leadership qualities.

DEPARTMENT MISSION:

* To impart quality technical education to students through effective teaching learning process leading to development of professional skills and attitude to excel in Mechanical Engineering.

***** To interact with reputed institutions and R & D organizations to enhance academic and research activities.

***** To inculcate creative thinking abilities among students and develop entrepreneurial skills and innovative ideas.

***** To imbibe ethical, environmental and moral values amongst students through broad based education.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs) OF THE DEPARTMENT

1. Enable to understand mechanical engineering systems those are technically viable, economically feasible and socially acceptable to enhance quality of life.

2. Apply modern tools and techniques to solve real problems in mechanical and allied engineering streams.

3. Communicate effectively using innovative tools to demonstrate leadership and entrepreneurial skills.

4. Be a professional having ethical attitude with multidisciplinary approach to achieve self and organizational goals.

5. Utilize the best academic environment to create opportunity to cultivate lifelong learning skills needed to succeed in profession.

PROGRAM SPECIFIC OUTCOMES (PSOs) OF THE DEPARTMENT

1. PSO1: Apply the acquired knowledge in design, thermal, manufacturing and interdisciplinary areas for solving industry and socially relevant problems.

2. **PSO2:** To enhance the abilities of students by imparting knowledge in emerging technologies to make them proficient mechanical engineers.

HOD'S DESK



"Autonomy, when it is fully realized, is the ability to live in a State of freedom, purpose and dignity."

-Daniel H. Pink

Dr G. Manavendra Professor and Head of Department

We are delighted to inform you that our mechanical department in embarking on a transformative journey towards autonomy, marking a new chapter in our educational endeavor. This journey signifies boundless opportunities for innovation, excellence, and growth, and we couldn't be more excited embark on it together.

At the core of this transformation lies the principle of responsibility. As we move towards autonomy, we are dedicated to upholding the highest standards of academic excellence, accountability, and transparency in all endeavors. It is our unwavering commitment to these principles that will guide us as we navigate this path of evolution and progress.

We invite every one of you to join us on this journey towards autonomy. Your enthusiasm dedication, and contributions are invaluable as we strive to create a dynamic and responsive educational landscape that not only meets the needs of our students but also serves the broader interests of society.

Together, let us embrace this opportunity to shape the future of our department and pave the way for Innovation, excellence, and growth. With your support and commitment, we are confident that we will achieve great things on this exciting journey towards autonomy.

DEPARTMENTAL ACTIVITIES

1. Inauguration of Royal - Mech Forum Activities for the year 2022-2023- and One-day workshop on Future Technologies in Mechanical Engineering. The program was inaugurated by Alumni of Batch 1992-97



Inauguration of One day workshop on Future Technologies in Mechanical Engineering was held in association with Institute of Engineer (IE) and ISTE.





Advanced Forming University of Strathclyde, Glasgow, Scotland, was delivered on line talk on Optimizing the microstructure and Mechanical properties of Titanium alloys for Aerospace applications

2. One day workshop organized by Mech forum on "A Technical Talk on Electric vehicles" was held on 30-1-2023 in association with Institute of Engineers (IE) and ISTE students chapter BIET Davangere to enhance the knowledge in future technologies





3. One day Seminar was organized by Mech forum on "Opportunities in IT industry for Mechanical Engineering" was held on 04-08-2023 in association with Institute of Engineers

(IE) and ISTE students chapter BIET Davangere to enhance the knowledge in future technologies.



Mr. Prashanth M, testing manager it consulting company new jersey, USA delivered the talk on opportunities in industry for mechanical engineering

INAUGURATION OF YANTRIK-2K23

4. Mechanical engineering is one of the broadest engineering disciplines. Mechanical engineers design, develop, build, and test. We conduct several programs for students YANTRIK is one among it, we conduct YANTRIK to promote Innovation, Skill, Creativity and Talent in different areas, the fest provides an opportunity to the students to participate in different events.

BLOOD DONATION CAMP

5. Safe blood saves lives. Blood is needed by women with complications during pregnancy and childbirth, children with severe anemia, often resulting from malaria or malnutrition, accident victims and surgical and cancer patients.

Blood is the most precious gift that anyone can give to another person – the gift of life. A decision to donate your blood can save a life, or even several if your blood is separated into its components – red cells, platelets and plasma – which can be used individually for patients with specific conditions.



VARIOUS ACTVITIES CONDUTED DURING YANTRIK 2023





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ART T-SHIRT PAINTING, PAPER PAINTING



Chaduranga (CHESS)



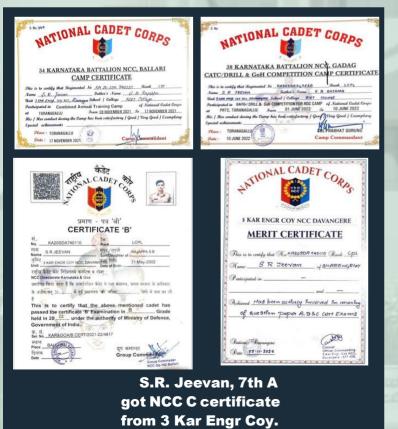
STUDENTS ACTIVITIES

6. The NCC stands for National Cadet Corps. The Indian Armed Forces' youth wing, the National Cadet Corps, is a Tri-Services Organization comprising the Army, Navy, and Air Wing committed to educating the country's youngsters to be disciplined and patriotic citizens.





Rahul raj k p & Ajay kumar,5th sem NCC cadets & has been actively participating in NCC events.





S.R. Jeevan, 7th A has been actively involved in making of question paper A, B & C preparatory exams



Mahesh G S, 5th sem donated blood, blood donation camp is organized by mechanical department



Bhumika G S, Mechanical Engineering is awarded with Sri Anekonda Channabasappa Mrerit Prize at the ANNUAL FELICITATION FUNCTION

STUDENTS ACHIEVEMENTS

7. Syed Shaheed, Arshya Anjum, Bhumika G S & Nikith D M has clinched the top spot in their class by securing 1st rank. 6 392 0 BAPUJI INSTITUTE OF ENCINEERING & TECHNOLOGY Institute Vance BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY 4 Reception by UCC under 2(), New Delh 1 DAVANGERE - 577 004. Certificate of Merit sur,rsi Syred Shaheed Asthax Mechanical Engineering is awarded obis ripicase for having secured Hist place E AUTODESK the Annual Felicitation Function held at Bapuji Engineering & Technology on 10-06- 2023 Connand Humballadager series Satal D' Cont BAPUII INSTITUTE OF ENGINEERING & TECHNOLOGY BAPUII INSTITUTE OF ENGINEERING & TECHNOLOGY INTERNET & TOTOR DATA STATES DATA STATES MANAGEME & STORE Cestificates of Measure Data States and Nikhtilk D. Mahasachokas Machanical Engineering and States and Nikhtilk D. Mahasachokas Machanical Engineering and States and State NE= -4 - Martine 6 BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY DAVANGERE - 577 004 うちうちうちうちうち Colores Color 10 Spilling Certificate of Merit Bhumika G.S. 36796 Mechanical Engineering www.udobu w for having word First plan Jose March in Third year Examination held during 2021-22 26 April 202 Core the Annual Telicitation Function held at Bapaji Engineering & Technology on _10-06-2023 Topologica of The Contraction of

8. Design and Innovation Clinic is aimed at inspiring young minds to nurture scientific and engineering temperament to build a better India Central Manufacturing Technology Institute (CMTI), is organizing a 3-day Design & Innovation Clinic for engineering students.





PLACEMENT DETAILS/HIGHER STUDIES

SI.NO.	COMPANY	NO. of students placed		
1	1 TCS_ Ninja			
2	Cognizant_Genc & CEF International.org, Bengaluru	1		
3	Middle by India Engineering Pvt.Ltd	3		
4	INTELLIPAAT, BANGALORE, Edu station, Bengaluru	1		
5	Shahi Exports Pvt. Ltd	5		
6	TP Global Creations Pvt Ltd!	1		
7	Advance Mechanical Services Pvt Ltd	2		
8	Bansal Aradya Steel Pvt.Ltd	5		
9	Sanrest Engineering Ltd.	4		
10	Vajra Incorporation, Bengaluru	1		
11	Classic Fashion Apparel Industry, Jordan	5		
12	TechBean Systems Private Limited			
13	WIPRO KAWASAKI	2		
14	Aravind Exports Pvt Ltd			
15	Simply Vyapar Apps Private Limited	1		
	Total	38		

Higher Studies with qualifying scores (GATE, GRE, GMAT etc.,) - 2022-23

SI.NO	NAME	USN	COURSE	PLACE
1	NITISH KUMAR Y A	4BD18ME044	MSc Mechanical Engineering	University of East London
2	KALLESH V D	4BD19ME014	M. Tech in Automobile Engineering	Manipal Academy of Higher Education, Mangalore

HVACR CLUB

9. ISHRAE Hubballi sub chapter 2023-24. The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 by a group of eminent HVAC&R professionals with the main objective to promote and disseminate technical knowledge in the fields of HVAC.









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DR. PRADEEP N R, was Delivered the talk on HVACR **FUTURE JOB OPPORTUNITIES.**



Inauguration of HVACR CLUB





Jeevan S.R, 7th A got first place and Shreyas C M, 3rd Sem got second place in aQUEST guiz competition organized by ISHRAE

CULTURAL ACTIVITIES

10. Annual mega cultural festival "DAVANA" is a very big cultural bonanza which creates a platform for exhibiting various cultural talents. Students' Council also encourages students to participate in various activities conducted by Visvesvaraya Technological University and many other institutes in different parts of the country.



M J Rakshith, 5th sem participated in DAVANA -2023 Face off competition.



M J Rakshith, 5th sem participated in various college events such as DAVANA, Alumni Meet, Flash mobs, Dhamani & many more...



Students from Mechanical Eng. Department (dance team) Participated in DAVANA dance competition



Pruthvi raj P, 5th sem Participated in college events like Kannada Rajyotsava, DAVANA 2k23, alumni meet 2023.

INDUSTRIAL VISIT

11. Industrial visits are an integral part of Engineering and acknowledgment of technological up-gradation. The purpose of industrial visit for students is to provide technical knowledge with the technological development in the industry and to understand the gap between the theoretical and practical knowledge that could be passed in future. This experience can help students to provided information regarding functioning of various industries and associated problems and limitations.



GPS Map Camera

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12. Department of Mechanical engineering from Bapuji Institute of Engineering and Technology, Davangere arranged three-day Industrial Visit for 6th Semester Degree students to ACHAL Industries, Mangalore and GURUCHARAN Industries, Mangalore dated 24 April, 2023 for better technical knowledge enhancement of students.

Visit is important especially important in the field of Engineering as the practice of engineering has an inherent (and unavoidable) impact on society. These programs can be a powerful tool to constitute a positive industrial climate. Overall, the aim of all these visits to trains the students to familiar about power generation process. After visit students can identify their own efficiency and performance which important for their career, improving work efficiency and confidence.



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GPS Map Camera

GPS Map Camera



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13. About 34 students of Mechanical Engineering department, Bapuji Institute of Engineering and Technology, Davangere & faculty named Dr. Pradeep N R benefited from this visit as they got chance to discussion with In-charge officer and other engineers working at Industries plant. Students were eagerly to say organizing this type of industrial visit for practical exposure which is shows the success of this visit.

SPORTS CORNER

RPL (ROYAL PREMIER LEAGUE)

14. Cricket league is a popular sports competition that features teams of cricketers from different regions competing against each other. The league is usually played in a tournament format, where each team plays a certain number of matches against other teams to determine the winner of the competition. Royal Premier League (RPL) is one of the leagues conducted by BIET College (Mechanical Branch). The league was inaugurated by our beloved principal Dr. H.B. Aravind sir on 8th April 2023.



Dr. H B Aravind sir was inaugurated the league

ROYAL PREMIER LEAGUE – 2023					
GROUP	GROUP	GROUP	GROUP		
м	E	С	н		
Sri Ram Sena	Iconic IS	Kalashnikov	Team Royals		
Team OMR 140	Civil Attackers	Legends of MCA	Dynamic Chemicals		
Mech Monsters	Civilions	EC Sparkers	Team Vultures		
BCA Rockers	Electrical Thunders	Players Wanted	Immortals		



Glimpse of Matches



Glimpse of Final day

15. We conducted league matches from 8th to 12th of April, and we conducted quarter finals on 13th of April, Semi-finals on 14th April and Finals on 17th April. Winners of RPL were Team Royals (Mechanical) by defeating Team Kalashnikov (Electrical).



(Team Kalashi n kroj





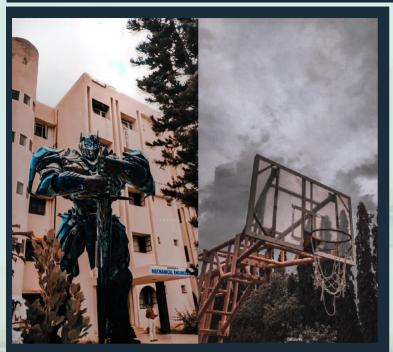


Rahul Raj K P has participated in Nation level 6th Federation cup Wushu Championship-2023 held in Punjab, Jalandhar.



Shreyas C manchali, 3rd Sem & Sravan 7th Sem participated in VTU sports and fitness football men's chikamanglur -2023

BIET GALLERY



UNREALISTIC PIC- Prajwal, 7th Sem



PIC-Shivprasad, 5th Sem



PIC-Manjunath Sjjan, 5th Sem



PIC-Madhu R Gouli, 5th Sem



PIC-Abhishek, 5th Sem



UNREALISTIC PIC-M J Rakshith 5th Sem

CREATIVE MINDS

16. Drawing is the act of creating images, patterns, or representations on a surface using various tools, such as pencils, pens, charcoal, or digital devices. It is a form of visual expression that can convey ideas, emotions, or observations.

Apple Apple Jio Texture R



ART-S.R. Jeevan, 7th A Mechanical Department

17. Digital art refers to artistic creations produced using digital technology, such as computers, graphics tablets, or other electronic devices. It encompasses a wide range of styles and techniques, allowing artists to use software to create illustrations, paintings, sculptures, and multimedia artworks.





DIGITAL ART-M J Rakshith, 5th Sem Mechanical Department



ART-Ashish 7th Sem Mechanical Department



ART-Puneeth 5th Sem Mechanical Department



ART-M J Rakshith, 5th Sem Mechanical Department



DIGITAL ART-M J Rakshith, 5th Sem Mechanical Department