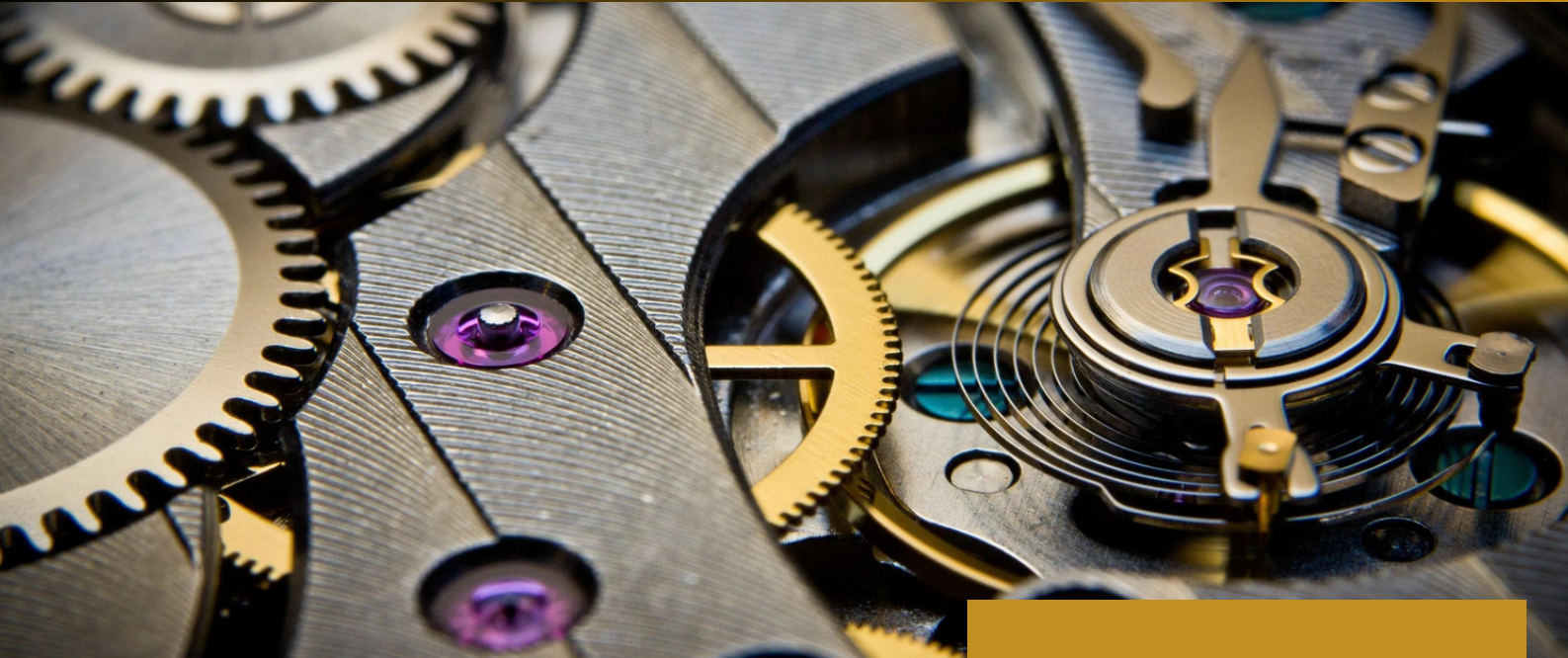


YAANTRIX

AN OFFICIAL NEWSLETTER PUBLISHED BY
MECHANICAL ENGINEERING DEPARTMENT



VISION

"To produce industry ready engineers and researchers with excellent theoretical and practical knowledge by providing quality education to the under privileged sections of the society of the state and nation."

MISSION

- To develop a state-of-the-art computational and experimental facilities for teaching, research and consultancy services for industries and society.
- To produce high quality undergraduates in mechanical engineering through good academic support qualities.
- To provide an environment conducive to innovation a relativity, group work and entrepreneurial leadership by imparting training and coaching programmes in relevant skill development courses.
- To develop and serve practicing engineers, industry, government, educational and technical societies through consultancy work by providing professional expertise.
- To develop a system for effective interactions among industries, academia, alumni and other stake holders.
- To cultivate a friendly, supportive and competitive academic environment to extract the best contributions from students, faculty and staff members.

MAIN FEATURES

Vision & Mission

About the Department

Message From HOD

Remembrance

Departmental Activities

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Student Activities

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Photo Gallery

ABOUT THE DEPARTMENT

The department of Mechanical Engineering was introduced in the year 2016 with an initial intake capacity of 60 students. Currently, the department has a strength of eight Assistant Professors, one workshop superintendent, one laboratory supervisor, and four laboratories and workshop staff to assist and support 240+ B.E. undergraduate students. The department is continuously and gradually strengthening its infrastructures including laboratories, workshops, and other facilities. The department comprises about nine laboratories and one workshop equipped with sophisticated instruments. The department is continuously striving to achieve excellence in education, academic and industry-oriented research as well as consultancy services to society. We are hopeful that, our students will be able to serve the various needs of society by blending intellectual and practical experiences gained from the institute. Academic coursework and projects are designed to endow students with the ability to apply their knowledge effectively for solving multidisciplinary problems.

MESSAGE FROM HOD

“I am happy to inform that Department of Mechanical Engineering, JIST is publishing its fifth issue of the Departmental Newsletter (Yaantrix). The



newsletter is a reflection of the cumulative effort of faculties, students, alumnus and other stake holders in portraying and bringing out the ethos of the Department. It is really a pride for all of us and I on behalf of this platform request the entire Mechanical Engineering community to come forward and be associated with us. I cordially appreciate the combined effort of the Editorial Team as a whole in bringing out this issue for our esteemed readers.”

REMEMBERENCE



Happy Raj Baruah a student of Mechanical Engineering Batch (2018-22) met a tragic accident on 5th December and left the world. He will always be rembered in the hearts of everyone.

DEPARTMENTAL ACTIVITIES

- The fourth issue of the Newsletter entitled “Yaatrix” of the Mechanical Engineering Department, Jorhat Institute of Science and Technology was published in November 2022.
- CIE II of 3rd and 5th semesters (Session 2022) was conducted on the 9th, 10th, and 11th November 2022.
- CIE II of 7th Semester (Session 2022) was conducted on the 14th, 15th, and 16th November 2022.
- CIE III of 3rd, 5th, and 7th Semester (Session- 2022) was conducted in 8th,, 9th and 10th December, 2022
- CIE II of 2nd Semester (Session 2022) was conducted in 12th,, 13th and 14th December, 2022
- A Departmental meeting was held on 24th June 2022 regarding the following matters: Formation of departmental NBA Committee and responsibilities are given to individual faculties.
- Departmental student Record-Keeping Cell responsibilities are given to individual faculties
- 8th semester and 6th End Term Final Exams, Lab Exam of 6th semester were conducted from December 2022.
- 6th semester Internship II presentation was organized on 24th December 2022.
- A departmental picnic organized by the faculties and 5th semester students' picnic was organized on 11th December 2022.

FACULTY ACTIVITIES

- Nayanjyoti Talukdar organized Ideathon on 1st October 2022 as a Coordinator.
- Dr. Borad M. Barkachary organized 21 days Induction Program for B. Tech. 1st Semester from 21st Oct to 10th November 2022 as a Coordinator.
- Dr. Borad M Barkachary performed as a verifying Officer at Spot Counselling for B Tech 1st Sem held on 25th October 2022.
- Dr. Borad M Barkachary organized the Run for Unity and Quiz competition under National Unity Day on 31st October 2022.
- Dr. Borad M Barkachary organized an offline workshop on "Entrepreneurship and Innovation as a career opportunity" under IIC Cell, JIST on 30th November 2022.
- Dr. Borad M Barkachary was recognized as NPTEL DISCIPLINE STARS and NPTEL DOMAIN SCHOLARS on 8th December 2022 for completing a total of 50 weeks of NPTEL courses in a mechanical engineering discipline and required core and elective courses under Manufacturing Processes and Technology respectively.
- Dr. Mridul Deka has been awarded PhD degree from Gauhati University in October 2022.
- Dr. Mridul Deka was appointed as a member of the Election Committee of JIST in October 2022.
- Dr. Mridul Deka was appointed as Assistant Officer incharge of B.Tech 5th Semester End Term Regular Exam held in December 2022.
- Menonjyoti Kalita was appointed as an organizing member of 21 days Induction Program for B. Tech. 1st Semester from 21st Oct to 10th November 2022.
- Menonjyoti Kalita was appointed as a member of the Election Committee of JIST in October 2022.

STUDENT ACTIVITIES

- Jigyasa Sharma of 3rd semester completed a certificate course on Java programming: complete beginner to advanced.
- Utpal Sen of 3rd semester completed a social training on children need of care and protection Under “Snehalaya”.
- Jigyasa Sharma of 3rd semester attended a conference virtually organized by NYU Tandon school of engineering.
- Bibhuti Bhusan Dutta of 5th semester secured First Prize in Ideathon, Startup Idea competition organised by IIC, JIST.
- Chinmoy Ranjan Kalita of 5th semester completed a certificate course on Integrated CAD using Solidworks.
- Ripon Saikia of 5th semester completed a certificate course on Solidworks.
- Neha Das of 5th semester completed a certificate course on 3D printing, CMM machine, Master CAM.
- Biki Baruah of 7th semester has completed summer internship programme from IIT Guwahati. He has also completed a certificate course on renewable energy technology fundamentals.
- Porikhit Dulakasharia of 7th semester has completed training programme from NFR Workshop, Dibrugarh.
- Utkarsh Kumar Singh of 7th semester has completed the training programme from Indian Railways ROH Depot, Tinsukia. He has also got placed in ORC Engineering.
- Satabdi Boruah of 7th semester got placed in SkillVertex as Business Development Associate in class B placement drive.
- Gaurav Chakraborty of 7th semester secured Second Prize in Ideathon, Startup Idea competition organised by IIC, JIST.
- Gaurav Chakraborty and Mrinal Patra of 7th semester won JISTSU Election Software Development competition.

ALUMNI SECTION

- Manash Jyoti Deka (2016-2020) got admitted into Energy science and technology, Energy Institute Bengaluru for Masters programme.
- Umanath Panjiyar (2016-2020) cleared the examination for JE organised by ONGC and now working as JE in ONGC.
- Debasish Das (2016-2020) is working as project associate-1 at CSIR-Jorhat (NEIST).
- Neelam Kath Hazarika (2017-2021) got placed in Infosys limited.
- Somiran Bora (2017-2021) is working in M/S YUVAAN EDUCATIVE LLP.
- Shekhar Sharma passed (2017-2021) cleared GATE 2021 and admitted in M.Tech programme under NIT, Rourkela.
- Rahul Sonowal (2017-2021) got placed in Abhishek Millenium Contracts Pvt. Ltd.
- Angarag Das (2017-2021) got placed in Beeam Products & Services pvt. Ltd. (Dabur India Ltd.).
- Dhyanaditya Baruah (2017-2021) cleared NID-DAT (Design Aptitude Test) and admitted into MDes (Product Design) programme, National Institute of Design, Ahmedabad.
- Dipankar Baruah (2017-2021) is working at Parkson Packaging Ltd.
- Arnab Kar (2018-2022) got offers for pursuing MS in USA from four universities.
- Ashimjyoti Chutia (2018-2022) got admitted to M.Tech in Materials and Manufacturing Technology in NIT, Silchar
- Sanjibonny Buragohain, Hirok Jyoti Dutta, and Biswajit Mazumder (2018-2022) got admitted to M.Tech in NIT, Silchar

PHOTO GALLERY



Ideathon



Laboratory Exam

PHOTO GALLERY



Workshop on Entrepreneurship and Innovation as Career Opportunity



PHOTO GALLERY



Departmental Picnic



EDITORIAL BOARD

Advisors



Dr Borad M. Barkachary

Dr Mridul Deke



Editors



Menonjyoti Kalita

Dr Bhaskar Ranjan Tamuli



Student Editor



Gaurav Chakraborty