



# Yantrikruti

NOV-3  
2023  
MARCH 2023  
NOV-3

*Newsletter of Mechanical Engineering Department*

### In This Issue

- SAP next-gen PLUG - FEBRUAR
- STAFF MEET - MARCH 2023
- GUEST LECTURES
- DEPT. Extracurricular Activities
- MATERIALS EXPO
- Staff Recognition Awards & Gifts
- Staff APPRECIATION
- MARCH 2023
- Research & Publications
- ATTACHMENTS

## ➤ SAP next-gen PLUG - FEBRUAR



Description of the Event: The **CEREBRAL CIRCUITRY** event for the Mechanical Engineering Department of New Horizon College of Engineering was conducted in SAP LAB, Mechanical Department. it was a fun filled interactive and rejoicing session for all the participants. the main intention was for the students to learn Team Building and Problem Solving by in hand exercise in Mechanics of Materials Laboratory where they had to work together and to achieve a common goal and helps to identify individual strength and weakness and enhance team bonding. In this event total 10 teams took part and did exceptionally well job and came up with the flying colors in generating good bonding among the team and critical thinking and decision-making skills, where they showed the quality of "EFFECTIVE COMMUNICATION" including "ACTIVE LISTENING" and they work together towards a common goal and leverage each other's strengths to achieve the desired outcomes. the protocol was, in the first round of the event all teams are provided with an Analytical problem and the first four teams who solved the puzzle are qualified for the next round. As the second round started each team must stand in a line holding their predecessor shoulder and two players of each team is blind folded and the last player of the team guide them to collect the logical puzzle passing through a maze. After collecting seven logical puzzles they must solve in 15 minutes and the faster two teams who solved the puzzles will become the winners. This event helps the students to be more efficient and industry ready and to test their skills and abilities through this event. As a result, the whole event was success and the distribution of prizes took place.





➤ **IDEATHON - Staff Meet Reg. MRTM**

**IDEATHON**  
 FOR DEPARTMENT CURRICULUM  
 DEVELOPMENT



**AGENDA**

- ◆ Improving Research & Development Programs
- ◆ New ideas regarding Teaching & Learning methods
- ◆ Implementing new Design Lab
- ◆ Faculty contribution towards MRTM-2023 Conference
- ◆ New Ideas on Students Projects
- ◆ Discussion on Innovative teaching methods
- ◆ Refining the existing faculty room with an Extended Library and Puja Rack
- ◆ Programs for Faculty Activity and Development
- ◆ Discussion on Improving facilities for the welfare of Female students in the department
- ◆ Strategies on Time Management in view of current Bangalore Traffic Issues

**VENUE: CENTRE OF EXCELLENCY,  
 INDUSTRY 4.0  
 DATE: 08/07/2023**

➤ **Guest Lectures (06/07/2023, 02/08/2023 & 16/08/2023)**

**NEW HORIZON COLLEGE OF ENGINEERING**  
 DEPARTMENT OF MECHANICAL ENGINEERING

PRESENTS  
**DESIGN AESTHETICS**

Guest Lecture by  
**PRASANTH VARATHAN**  
 Jr. Digital Designer  
 (SIMPLE ENERGY)  
 Venue:-Falconry Hall

Convenor:  
 Prof. Rakesh C.  
 HOD-ME

Faculty Co-Ordinator:  
 Mr. VEERESHAG  
 Assistant Professor

Date: 06 July 2023  
 Time: 10:00 AM onwards

For queries, contact:  
 S k Milind : 97319250084,  
 Kamal Deep : 9600100293.

**Description of Event:** The Guest Lecturer, Mr. Prasanth V, was invited by the Head of the Mechanical Engineering Department, Dr. Rakesh C, and the Faculty coordinator, Dr. Veeresh, and organized in association with the SAP Next-Gen Student Club.

**Speaker's profile:** Mr. Prasanth V is a Digital Designer from Manamadurai who has completed his Bachelors in mechanical engineering and worked on ENMAS EPC projects and freelances as Graphic Designer and does Digital design at Mantra Academy and is currently a Junior Digital Designer at Simple Energy.

The speaker delved into the fundamental principles of automobile design, explaining the significance of aesthetics, ergonomics, functionality, and safety in creating successful automobile designs. Key aspects such as form language, design language, and brand identity were discussed.



**NEW HORIZON COLLEGE OF ENGINEERING**  
**Presents**  
**Mentorship Session on**  
**Ways to Generate Pre-Revenue and to Raise Investment Funds for Start-ups**

2 August 2023 | 11:30 AM to 2:00 PM | 8101 Class Room, NHCE  
 Mode: Offline | Participants: Students and Faculty of Mechanical Engineering and Civil Departments

Resource Person:  
**CA Harshita Kushwah**  
 CA(ICSI) CWM, Virtual CFO, Startup Investments, Funding

Organizers:  
 New Horizon Centre for Innovation, Incubation and Entrepreneurship  
 Department of Mechanical Engineering  
 Department of Civil Engineering

Coordinators:  
 Dr. Nagabhushana N ME | Dr. Natchimuthu Subramani Civil  
 Prof. Rakesh C Head-ME | Dr. Niranjan P S Head-Civil | Dr. Piyush Kumar Soni Head-NHCE, Coordinator-NISP  
 Dr. Sanjeev Sharma Dean - QASDC | Dr. Anandhi R. J. Dean - Academics | Dr. Manjunatha Principal, NHCE

www.newhorizonindia.edu

➤ A guest talk on “**Ways to Generate Pre-Revenue and to Raise Investment Funds for Start-Ups**” has been successfully conducted by the Mechanical Engineering Dept. and Civil Engineering Dept., in association with NHCEI & NHCE - IIC 5.0, on **02/08/2023**. The guest speaker, **Harshita Kushwah**, a dynamic Chartered Accountant, Chartered Wealth Manager and qualified health secretary, founder of Entrepreneurly India, highlighted the Pro’s & Con’s in the field of entrepreneurship and also made the students understood the basics and ethics to be followed in start-ups. She also given a brief description and clear picture, on how to raise investment funds, generate revenue and strategies involved for the future entrepreneurship and start-up deals.



➤ As a part of “**INTERNSHIP PROGRAM**”, Mr. P Rajendran, a representative of a training institute, “**Nandi Vishwavidyalaya**”, in collaboration with Toyota based near Kudlu Gate, Bengaluru, gave a brief overview & explained about the functioning, goal and evolution of this institute. He explained about the Hands-on Training Course offered by the institute.



Mr. P Rajendran addressing the queries asked by one of the Student.



Mr. P Rajendran addressing the students about the training course.

**NEW HORIZON COLLEGE OF ENGINEERING**  
 DEPARTMENT OF MECHANICAL ENGINEERING  
 in association with  
 New Horizon Centre for Innovation, Incubation and Entrepreneurship (NHCEI)  
 Institution's Innovation Council (NHCE-IIC 5.0)

**"INTERNSHIP PROGRAM"**  
 BY  
**MR. P. RAJENDRAN**  
 (NANDI TOYOTA)

DR. SANJEEV SHARMA DEAN - QASDC | DR. ANANDHI R J DEAN - ACADEMICS | DR. MANJUNATHA B PRINCIPAL

COORDINATOR: SHIV PRAKASH S SR. ASST. PROF., ME | DR. PIYUSH KUMAR SONI COORDINATOR - NISP, NHCEI | DR. AGALYA V PRESIDENT-IIC 5.0 | PROF. RAKESH C HOD-ME

**16-08-2023**  
**10.30 AM**

VENUE:  
 DEPT. OF MECHANICAL ENGINEERING

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➤ *DEPT. Extracurricular Activities - YOGA/ BRAJNOSTORAN*

**WE CORDIALLY INVITE ALL THE FACULTY MEMBERS FOR A SESSION ON YOGA**

**ON 22ND JULY @3.30-4.30PM**

**Yoga awakens the Mind**

➤ Department of Mechanical Engineering has conducted a YOGA session on 22<sup>nd</sup> July, 2023 to create awareness and enhance the physical & spiritual wellbeing of the faculty members, lead by Dr. Gayatri Tanuja G.







➤ A Brain-Storming Activity was conducted by the ME Dept., on 9<sup>th</sup> September 2023, to revive and refresh the spirits of enthusiasm among the faculty members, hosted by Dr. Gayatri Tanuja G.



➤ **MATLAB EXPO**

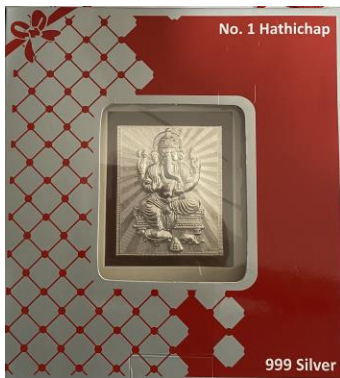


Mechanical Dept., faculty attended the MATLAB Expo at Radisson Blu hotel during 10<sup>th</sup> – 11<sup>th</sup> May 2023, that brought together Engineers, Educators, Researchers and Scientists to hear real-world examples, see hands-on demonstrations and learn more about the latest features and capabilities in MATLAB and Simulink.

➤ **Staff Recognition Awards & Gifts**



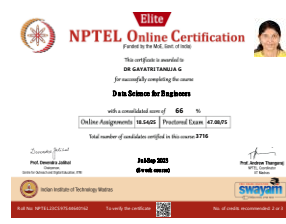
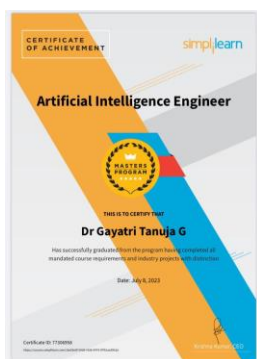
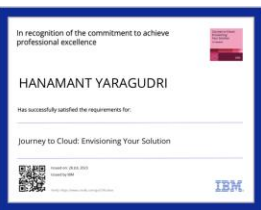
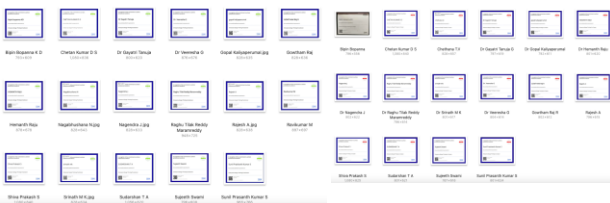
- Mechanical Department was awarded with **Rs. 10,000** by NHCE management as **“The Best Supporting Department”**
- Faculty members who completed above **10 years of service** in NHCE were rewarded with Mementos, Certificates and Cash Prizes.



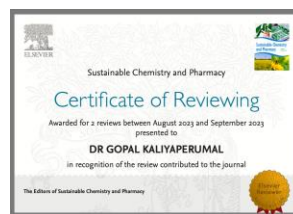
- Personalized Gifts (Silver Ganesha) were presented by ME HOD (In-Charge), Prof. Rakesh C, on the occasion of various staff personal events like wedding and house-warming functions.



➤ Staff APOLOGETIC MEASURES



- **Prof. Veerasha G**, successfully completed and received the prestigious Doctoral Degree (PhD) from VTU.
- **Prof. Sunil Prasanth Kumar S & Prof. Raghu Tilak Reddy M**, successfully participated in SERB sponsored, KARYASHALA-MECHATRONICS-RECENT TRENDS AND FUTURE PROSPECTS, from 20<sup>th</sup>-26<sup>th</sup> JULY 2023, organized by Dept. of ECE, ME, Automotive and Aeronautical Engineering, RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BANGALORE.
- **Dr. Gayatri Tanuja G.**, successfully completed, one year Master's Certification course from AIML.
- **Dr. Gopal K** successfully attended Two-Week FDP on "Revitalizing Academic Career and Personality Development – RACPD-2023", at JEPPIAAREngineering College from 17<sup>th</sup> – 31<sup>st</sup> July 2023.
- **Dr. Hemanth Raju & Prof. Chetan Kumar D S**, successfully attended a 5-Day FDP at NITTE.
- **Prof. Hanamanth Yaragudri** successfully completed, "Journey to cloud: Envisioning your Solution", from IBM.
- **17/21 ME faculty** have successfully completed and earned Badge 1 ("Enterprise Design Thinking Practioner") and Badge 2 ("Enterprise Design Thinking Co-Creator ") Certification courses under **IBM GLOBAL UNIVERSITY PROGRAM**.
- **Dr. Nagendra Jayaram & Dr. Gayatri Tanuja G**, successfully attended a 5-Day FDP from 11<sup>th</sup> – 15<sup>th</sup> September 2023, on "Industrial 4.0- Towards Digital Transformation" at CETRAT-SJBIT, Bangalore, powered by REXROTH- A BOSCH company.
- **Dr. Gayatri Tanuja G**, attained Elite certification with 66% in "Data Science for Engineers" from NPTEL MOOC courses (SWAYAM).
- **Dr. Gopal K**, attained certificates as a reviewer from ELSEVIER Journals.





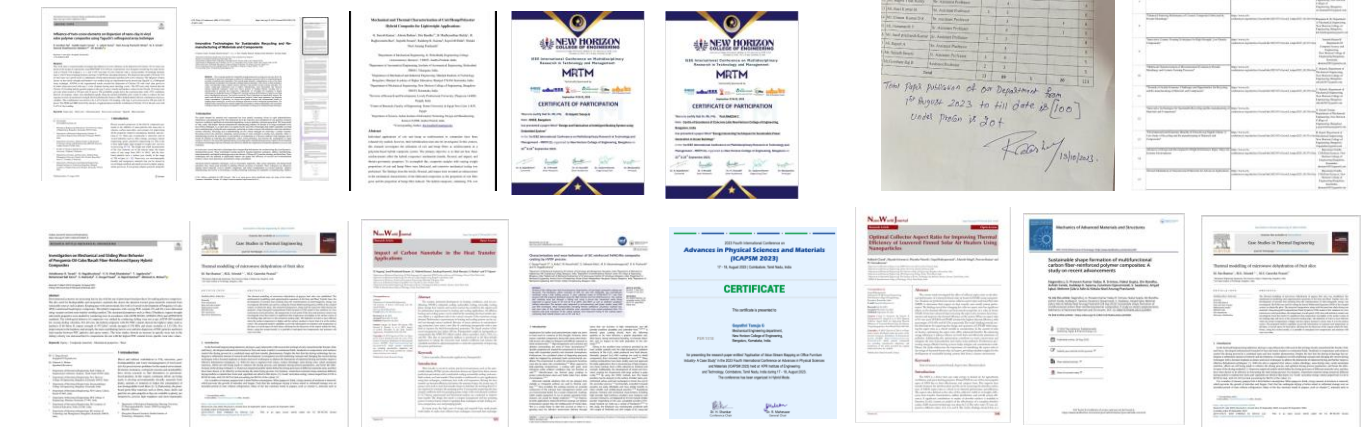
➤ **MRTM- 2023**

- Over **100+** Research Papers were submitted by ME Dept. at MRTM 2023, NHCE and **60+** papers were accepted to be published in IEEE Proceedings.
- **Dr. Gopal k, Dr. Hemanth Raju & Dr. Srinath** received mementos from the Principal, NHCE for acting as reviewers in MRTM – 2023.
- **Dr. Adikary P, Dr. Piyush Kumar Sony & Prof. Rakesh C,** have received Momentos for their remarkable contribution towards MRTM 2023.



➤ **Research @ Publications**

- Total Paper presentation from ME Dept., NHCE from **1st August to till date** were **100** (including Q1/Q2/Q3/Q4 Journals and International Conferences) and **publications under progress** is **20+**
- 20+ papers were presented and accepted for Publication in Scientific.net at ICMPC conference, 2023 held at UK.
- Around **15+ papers** were published at E3S Conference.
- **60+ papers** were Accepted for Publication in MRTM 2023.



➤ **ಸತ್ಯವೇನು ಪರಿಣಾಮ**

- Around 21 students from 7<sup>th</sup> SEM, ME, successfully completed and earned Goodies from IBM with the Courses, “GETTING STARTED WITH ENTERPRISE DATA SCIENCE” & “IBM WATSON MACHINE LEARNING ESSENTIALS” mapped with Operations Research and Research Methodology courses under **IBM GLOBAL UNIVERSITY PROGRAM**.
- Students of ME 6<sup>th</sup> SEM were taken to a Visit to **IMTMA (CNC Machining Centre)**.



- ME students of NHCE visited **VARAHI Power Plant** on 6<sup>th</sup> October 2023.
- **10 students from ME dept., NHCE**, were selected from **EDIZI TOOLS**.
- **2 students** from Final year ME., NHCE were placed at **BOSCH India Pvt. Ltd.**



**EDIZI TOOLS - 10 STUDENTS  
 SELECTED**

- Shiva S
- Mohit N
- Jahnavi R
- Janardhan R
- Prajwal
- Vijayalaxmi M.K
- Shivakumar S
- Rakesh R
- Hari Krishna P
- Tanush S Reddy

The above students were selected by EDIZI TOOLS in the campus drive

**BOSCH Selects -Mechanical -2024 batch**

Email	Mob	Name	Br
<a href="mailto:gprasaath23@gmail.com">gprasaath23@gmail.com</a>	9148368441	Vishnu Prasaath P	
<a href="mailto:nasaathray18@gmail.com">nasaathray18@gmail.com</a>	8431105038	Sanjan S Aathray	

**Congratulations to the students  
 selected in Bosch Limited**



**Editorial board:** Prof. Rakesh C., Dr. Srinath M.K., Dr. Gayatri Tanuja G., Dr. Nagendra J., Prof. Shiva Prakash S., Prof. Gowtham Raj  
**Advisory Committee:** Dr. C P S Prakash (Principal, Dayananda Sagar College of Engineering)  
 Mr. Deepak Kamath (Technical Head of Continental India Ltd. Bangalore)  
 New Horizon College of Engineering  
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