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➤ Centre of Excellence – Bio-Mechanical Engineering Sciences



➤ The Centre of Excellence for Bio-Mechanical Engineering was inaugurated by the Registrar-VTU, Principal-NHCE, Registrar-NHCE and the Principal Investigator – Dr. Srinath M. K.

This center of excellence was set up from the fund received, **Forty lakhs** from Vision Group – for Science & Technology (VGST) Govt. of Karnataka



➤ STUDENTS CORNER -

NSS Activity-Swachh Bharath Campaign @Panchalingeswar Temple, Begur



➤ Students CORNER (Cont...)



- As part of Experiential learning in Machine Design subject, 5th SEM-ME students conducted an activity to understand the stress distribution in trusses. They made working models of different kinds of trusses and conducted an experiment on load bearing capacity in the mechanical engineering workshop, NHCE, under the supervision of Dr. Srinath M. K. and Dr. Nagendra J.
- Robofiesta Event was conducted by the students of ME-NHCE, under the supervision of HOD, Prof. Rakesh C., and Club Coordinator, Dr.Srinath M. K.

➤ ROBOFIESTA



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

ROBOFIESTA

COME, PARTICIPATE IN THIS EVENT TO TEST YOUR KNOWLEDGE ABOUT ROBOTS AND ROBOTICS THROUGH A SET OF FUN QUIZZES !!

CLUB COORDINATOR: PROF. SRINATH M.K.
HEAD OF DEPARTMENT: PROF. RAKESH C
PRESIDENT: PRANEETH (+91 76192 87169)
VICE PRESIDENT: SAHA AJEAN (+91 81233 07919)

SCAN TO REGISTER !!

29th DECEMBER 2023, 9-30 AM
SVOP BLOCK, ROOM 301

ROBOHORIZON CLUB

➤ Alumni Association Workshop on 3D Printing

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

Alumni Association organises Workshop on, **3D PRINTING**

ASWAJIT B.
Sr. Service Engineer
at Toralfina Pump India Pvt. Ltd.
Co-Founder of StealthEdge Avionics

ANJAN KUMAR M.S.
Jr. EP2 Engineer
at Steel Engineering Pvt. Ltd.
Co-Founder of StealthEdge Avionics

Organising Committee:

Dr. SUDARSHAN T.A. | Prof. HANAMANT YARAGURI | Prof. RAKESH C.
FACULTY COORDINATOR | ALUMNI COORDINATOR | HEAD OF DEPARTMENT
Sr. Asst. Professor, Dept. of Mechanical Engineering, NHCE | Sr. Asst. Professor, Dept. of Mechanical Engineering, NHCE | Dept. of Mechanical Engineering, NHCE

19th December 2023 (Tuesday), 10:00am | Industry 4.0 Lab, SVOP Block, NHCE



- The Alumni Association of Mechanical Engineering has arranged a Workshop on 19th December 2023, hosted by **Aswajit B** and **Anjan Kumar M. S.** They have given a deep insights to all the participants on the topic of “**3D PRINTING**”, including staff and student members.

➤ **STUDENTS CORNER (Cont....)**

Around 42 Students from 5th Sem ME-NHCE have undergone one-month training on HVAC Internship program from Prinston Smart Engineers during Nov-Dec 2023. As a part of this program, Prof. Rakesh C., was being awarded as “The Best Supporting HOD” from Mechanical Department, NHCE. Dr. Gayatri Tanuja G., received the certificate of “Best Supporting Professor”



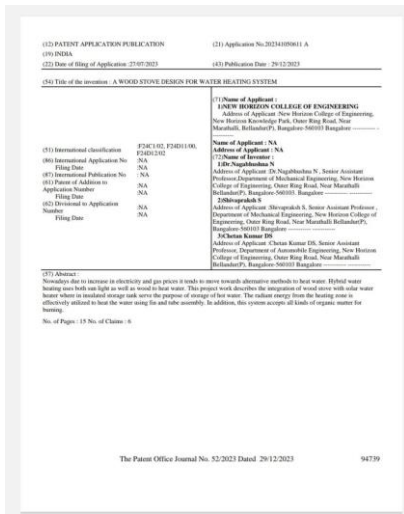
➤ **GUEST Lectures (3/10/23, 16/12/23)**

Mr. Asif, a MEP Engineer and Founder of Prinston Smart Engineers, with a total of 10 years’ experience, working on various projects with HVAC Refrigeration Systems, delivered a guest lecture on the “Scope of HVAC Internship & Job Opportunities” On 3rd October, 2023. He addressed the students of ME, 7th Sem along with HOD (in-charge), Prof. Rakesh C., and other distinguished Faculty members of NHCE.



On the occasion of National Energy Conservation Day, A guest lecture was conducted on” Thermal Energy Systems” by Mr. Asif, a MEP Engineer and Founder of Prinston Smart Engineers in Mechanical Engineering Department @NHCE on 16th December, 2023- by Institution’s Innovation Council in association with Department of Automobile Engineering and Mechanical Engineering.

Staff ACHIEVEMENTS



Dr. Nagabhushana, Mr. Sivaprakash S and Mr. Chetan Kumar D S published a patent,pg. 27-31, 29th December, 2023.

Dr. Srinath M. K., received a Certificate of Reviewing from the reputed Elsevier Journal, for the period of June 2021-July 2023.



Mr. Gowtham Raj R, successfully completed AICTE Training and Learning (ATAL) on “Convergence of AI and IOT for Smart Health” at Maharaja Institute of Technology, Mysuru.

Dr. Gopal K, earned 2 certificates as a Reviewer from prestigious Elsevier Publications from January 2023-December 2023.



Dr. Gayatri Tanuja G., received a Certificate for reviewing four manuscripts on the 11th International Conference on the Advancements of Science and Technology (ICAST-2023) which was held from 24th to 26th November, 2023 at Bahir Dar Institute of Technology, Bahir Dar, Ethiopia.

➤ Department Achievements /Recognitions

OVERVIEW 2023

Sponsored Research Project

- 41 Projects from Government and Non-government funding agencies

Technical Publications

- Faculties and Students have published more than 150+ papers in refereed journals, conferences and book chapters

Patents Filed

- Faculties and Students have filed more than 15+ Patents

Funding

- The Department has about 1Cr of funding to conduct research activities.

Placements

- The Placement index for the AY 2022-23 is 0.79, AY 2021-22 is 0.71, AY 2020-21 is 0.58 and the Average is 0.69.

Students Clubs

- 3 Students Clubs: Mechorizon, SAP Club and Robo-horizon

Professional Societies

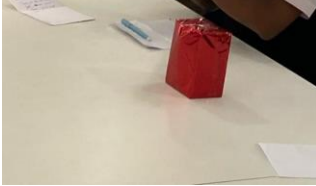
- Professional Society activities: IEEE (RAS), ISTE, IET, ISHRAE

Industry Sponsored Labs

- CAPGEMINI (Industry 4.0 Lab), CAPGEMINI (Digital Engineering and Manufacturing Services- DEMS Lab), SAP (SAP Lab)

➤ Staff Activity – Secret Santa (Dec-2023)

Department of Mechanical & Automobile had organized Secret Santa, and exchanged gifts with one-another during this Christmas-2023. The event was fun filled with funny tasks among staff members. This created a joyful environment among all the teaching and non-teaching staff to end up the year, and gearing up for a New Year-2024.



The End

Editorial board: Prof. Rakesh C., Dr. Srinath M K., Dr. Gayatri Tanuja G., Dr. Nagendra J., Prof. Shiva Prakash S., Prof. Gowtham Raj

Student Members: P. Hari Krishna, D. Chandu, Abhay Prakash (8th SEM-ME-NHCE)

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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