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The art challenges  
the technology,  
and the technology  
inspires the art.

— JOHN LASSETER —



## Expert Lecture on 'Challenges in Machining Aerospace Materials'

Dt.13/5/2021, 11.00am to 12.45pm.

An expert Guest Lecture was organized by the Dept. of Mechanical Engineering on '**Challenges in machining Aerospace Materials**'. The guest speakers were **Mr. Pradeep Kumar**, Associate, AASSC and Wg Cdr Rachit Bhatnagar, CEO, AASSC. The lecture was organized for the students of mechanical engineering from the 6<sup>th</sup> Sem. Guest lecture was organized through online platform. The students enthusiastically participated in the guest lecture.



## Webinar on

## 'Intellectual Property Rights and IP management for Start-ups'

Dt.21/5/2021, 3.00pm to 5.00pm.

NHCE Institutions Innovative Council organized a webinar on the '**Intellectual Property Rights and IP management for Start-ups**'. The webinar was convened by **Prof. Dr. K Gopalakrishnan**, Dean R&D, NHCE and Coordinated by Prof, Dr. R. Thirukumaran, Professor, NHCE. The speaker for the webinar was Mr. A.K Balaji, Patent Attorney, R.K Dewan Patent Attorneys Law Firm. The webinar was participated by the students and faculties of the Mechanical Engineering Department.



## Webinar on 'Benefits and Career Opportunities with GATE'

Dt.22/5/2021, 11.00am to 12.30pm.

The department of Mechanical Engineering, in association with, 'The GATE Academy', organized a webinar on '**Benefits and Career Opportunities with GATE**'. The speaker of the webinar was Mr. Gaurav Lohar, Associate, The GATE Academy. The webinar was useful for the students who want to pursue the entrance exam for higher studies and for job opportunities in PSU.



## Other Highlights

- ☑ One week AICTE sponsored Short Term Training Programme (STTP-Phase-II) on the theme "**Hybrid Renewable Energy Systems and Waste to Energy – The challenges and Sustainable Development**".
- ☑ 6<sup>th</sup> Semester students of the department organized the **Career Guidance, Plantation (Green Earth), Covid-19 awareness, Stationery & Mask Distribution** to school Children of Government School, Hosakote, (Visited 6 Government schools).
- ☑ Prof Manjesh B C – Alumni Coordinator of the department organized a meeting with **Graduate School of Engineering North eastern University, Boston** for benefit to all the Alumni of our Institute.
- ☑ Conducted **online NBA Audit** on 16<sup>th</sup> and 17<sup>th</sup> April 2021 successfully.

## Webinar on 'Application of Machine Learning in Marketing Analytics'

Dt.22/5/2021, 10.00am to 11.00am.

A webinar on the 'Application of Machine Learning in Marketing Analytics', was organized by the department of Mechanical Engineering, Robohorizon Club, New Horizon College of Engineering, Bangalore. The speaker for the webinar was **Mr. Akash Hongal**, Senior Data Scientist, Aetna, USA. The webinar was enthusiastically participated by the students of Mechanical Engineering. The speaker spoke about the latest trends in the applications of machine learning for marketing analysis and its affects.

The Speaker of the session discussed the basic concepts used in the technology relating with best suitable real life examples like Hotstar & E commerce platforms, which are essential for the understanding of

technology. He inspired the audience by lively interacting on topics such as new trends in applying Data-driven, Machine Learning approaches for business decisions and incorporation of Artificial Intelligence, Big Data, and Machine Learning applications. He discussed about analyzing structured and unstructured data using different tools and techniques, developing and understanding of descriptive and predictive Analytics, building models for day-to-day applicability, performing Forecasting to take proactive business decisions, using data concepts to represent data for easy understanding. He emphasized on Business Analytics career opportunities in India and global market and gaining practical mastery over applications of machine learning through a hands-on project. He projected on comprehending the theoretical concepts and relating to the practical aspects of artificial intelligence. He insisted on modeling algorithms for deep learning and clustering systems.

This program was arranged in the motive of sharing the knowledge and practical experience of Mr. Akash Hongal, who has years of experience in Data Analytics. The overall organization and deliverance of the webinar was helpful and satisfied the participants. The objective of the webinar has been achieved with around 100 participants who were benefitted with the valuable discussion and eventually help them to implement knowledge in their respective research works.



## Alumni Talk on 'Opportunities in Defense Services'

Dt.07/5/2021, 11.00am to 12.00pm

**Mr. Jagannath Gurumurthy** Alumni of Mechanical Department in the year 2009 to 2013 and at present serving our Country as Lieutenant Commander in INDIAN NAVY.

He was selected to Indian Navy through University Entry Scheme during his 7th Semester of Engineering Course. He was commissioned into the engineering branch of Indian Navy in 2013. He has undergone various ship and shore appointments. Currently Jagannath is undergoing Defense sponsored M-Tech in Quality and Reliability Engineering at Indian Institute of Technology – Kharagpur. In the year 2019 he received award by Commendation as Commander in Chief for devotion to duty.

**Mr. Jagannath G** gave a online Alumni talk on **Opportunities in Defense Services** dated on 07th May 2021 @ 11 AM addressing out our pre final year and final year students on how to go about and how is life at Indian Navy and motivating them to take up Defense services as their carrier. Students interacted with the speaker and clarified all their doubts and it was a very interactive session.



## Guest Lecture on ‘Oxygen Generators’ Need of the future for both medical and Industrial Use’

Dt.11/5/2021, 11.00am to 12.30pm

**Mr. Chandar Shekhar** is a Manufacturing Process Enhancer and a passionate trainer. He conducts result oriented programs on ‘life-skills’ and ‘Best Manufacturing Practices’. He strongly believes that a ‘Manpower’ and implementing ‘Best Manufacturing Practices’, will bring holistic growth to the Industry.

With nearly three decades of work experience on ‘GEMBA’ (shop floor), he brings a considerable difference in the performance of the workforce. His method of interaction with the workforce and method of implementation are result oriented.

He is a Diploma and a Graduate Engineer and has completed MS in Manufacturing Management. He has worked from the entry-level to manage and lead a business unit. He has also completed his Master Diploma in Training and Development from a prestigious institute – IATD.

His core career growth is around the training and development of Human resource.

He has conducted many technical trainings and is extremely passionate about the ‘Preventive Management’ approach. He considers human life very precious and gives great importance to ‘Safety in the work area’.

In a recently concluded program, the industry saved nearly 4 lakhs per annum by eliminating waste from the system.

**Mr. Chandar Shekhar** gave an online Expert Guest talk on “Oxygen Generators” Need of the future for both medical and Industrial Use, dated on 11<sup>th</sup> May 2021 at 11 AM addressing our Pre-final year and final year students on how to be and become an Entrepreneur and what are the aspects need to be considered to start a new Business and factors or attitude to have to be a successful Business man.

The session was with full of interaction between the speaker and students and the session ended with lots of information and encouragement in students mind.



### Forthcoming Events



**Editorial board:** Dr. M. S. Ganesh Prasad, Dr. Srinath M K, Prof. Shiva Prakash S, Prof. Puneeth H V, Prof. Manjesh B C, Prof. Santhosh A N, Mr. Harish (6<sup>th</sup> Sem), & Mr. Sonic Somanna (8<sup>th</sup> Sem)

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New Horizon College of Engineering  
Ring Road, Near Marathalli, Bellandur Post - 560 103, Bangalore, Karnataka, India