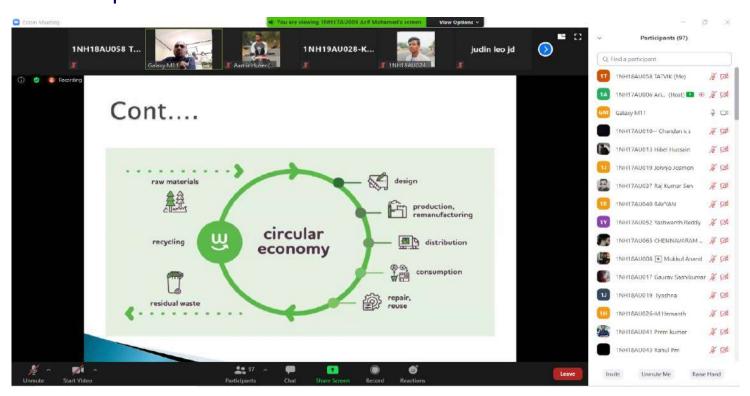
SUSTAINABLE DEVELOPMENT AND CIRCULAR ECONOMY

WEBINAR | AUTOMANIACS CLUB



The speaker for the webinar was Mr. Avinash Narayanaswamy Assistant Professor, Center of Incubation, Innovation, Research & Consultancy, Jyothi Institute of Technology Campus, Bengaluru. The Speaker elaborated on sustainable development which is meeting the society's requirements without compromising the ability of future generations to meet their own requirements and the discussion also included circular economy to which is benefit both financially as well as eco-friendly. The session concluded with Q&A session by the students.

SETBACK TO COMEBACK

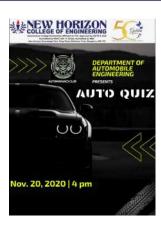
WEBINAR | SAE CLUB

The speaker for the webinar was Sri Vishnu Ravi, from Youth empowerment club, ISKON. The session started glimpse of "AKSHAYA PATHRA" foundation which provides mid-day meals across all over the country. This has the moto "Unlimited Food For Education" whose main aim was to provide food to students all over the country so no student is hungry while pursuing education. The next part of the presentation was on "Setback to Comeback" where the speaker shared us examples on how to overcome setbacks and continue to gain success in life. He also spoke about the importance of having a spiritual approach and through yoga and meditation how to attain inner peace.



AUTOQUIZAUTOMANIACS CLUB

The event was held in online platform Zoom Meeting and the link for quiz was sent it the meeting and the quiz was conducted on kahoot. The questions for quiz was all general automobile topic and need no prior knowledge in that field to answer the questions. There were 35 participants who took part in the event.



YOUNG RESEARCHER AWARD 2020

AWARDED TO DR. SUJIN JOSE ARUL ASSOCIATE PROFESSOR FROM THE DEPARTMENT OF AUTOMOBILE ENGINEERING.

Connecting Scholars Since 2014

Institute of Scholars

s ISO 9001:2015 certified Institute by International Accurate Certification, Accredited by UASL

Bringing ideas into reality.....



Certificate

Young Researcher Award 2020

awarded to

Dr. Sujin Jose Arul

ME., Ph.D
Associate Professor
Department of Automobile Engineering,
New Horizon College of Engineering,
Karnataka.

For the work with following details:

Publication Type: Journal

Paper title: Effects of Aspect Ratio and Loading on the Mechanical Properties of

Prosopis juliflora Fibre-reinforced Phenol Formaldehyde Composites

Journal Name: Fibres & Textiles in Eastern Europe

Volume : 25 Issue No. : 4 (124)

Month of Publication : April

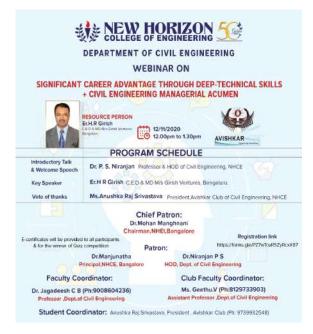
Year : 2017 Page No. : 59-64 ISSN: 1230-3666 Nanjesh Bennur Director, InSc



Dr. Sujin Jose Arul, Associate Professor from the Department of Automobile Engineering received "Young Researcher Award 2020" for the paper titled "Effects of aspect ratio and loading on the mechanical properties of Prosopis juliflora fibre reinforced Phenol formaldehyde composites" published in the Journal Fibres & textiles in Eastern Europe.

SIGNIFICANT CAREER CHANGE THROUGH DEEP-TECHICAL SKILLS & CIVIL ENGINEERING MANAGERIAL ACUMEN

WEBINAR



Key Note Speaker for the webinar was Er.H.R Girish, CEO & MD Girish ventures, Bengaluru. Mr. Girish has worked in diverse sectors of the Construction and Infrastructure Industry, including Large Industrial com-plexes, High-technology R&D facilities, Tall Commercial and Residential projects, Recreational and Mega Healthcare facilities, Software Parks & ITES Special Economic Zones, Underpass & Fly-over projects, large Malls & 5-Star Hotels and Large Land Developments. Students found the session very inspiring and interactive.

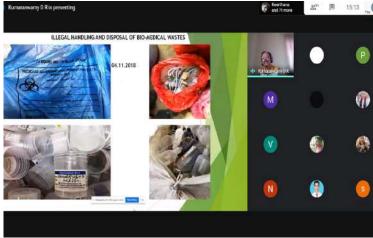


SUSTAINABLE DEVELOPMENT AND BIODIVERSITY

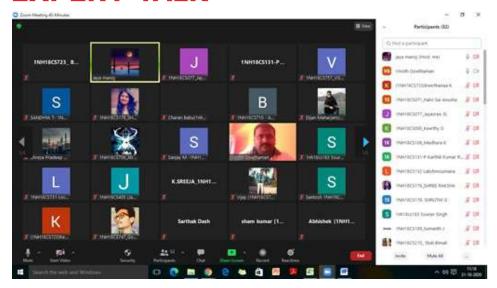
WFBINAR



The key speaker of the session was Shri D R Kumaraswamy, Chief Environmental Officer, Hon. Director Prakruthi Institute of Environmental Studies, Bengaluru. Students thoroughly enjoyed the session. It covered topics viz., sustainable development, pollution of water bodies in and around Bangalore city, consequences of biomedical waste disposal, the applications and various case studies pertaining to the topic.



EXPERT TALK



Department of Computer Science and Engineering arranged the following expert lectures from industry for students on 31-Oct-2020

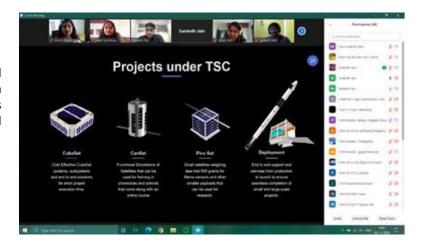
(i) Lecture on "Importance of Automation Testing for 7th semester CSE "A", "B" & "C" sections by Mr Vivekananda, Automation Engineer, Micro Focus, Bangalore. He explained how automation testing is carried out using Selenium and Testing.

(ii) Lecture on "Basic concepts of Networking "for 5th semester CSE "D" and "C" sections by Mr Vinoth Goutham, Senior QA Engineer, Bangalore. He explained how internet works and basic concepts of IPv4 protocol.

ACE CLUB EVENT

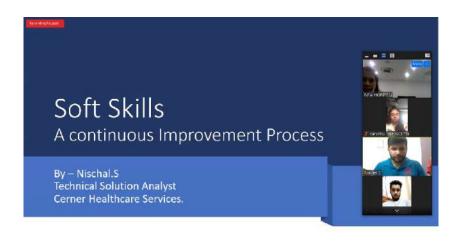
The event "Alumni Stories" was conducted on 3rd November, 2020 by ACE club. It was a one-on-one interview session with alumni mem-bers sharing their success stories and experienc-es. We had two speakers at the event:

- Nishant Jha -Trainee Engineer at QuEST Global (Mechanical Graduate from NHCE)
- Sanketh S Huddar -Software Engineer at Cerner Corporation (Computer Science Graduate from NHCE)



The session started of with a brief introduction about the speakers and their achievements in various fields. It was followed by them sharing their personal stories and experiences. Various topics such as Hackathons, Patents, Nano Satel-lite Programs, Research Experiences, Internships, IPR, Placements and more were brought to light. It was followed by a QnA by the participants where their queries were addressed by the speakers.

WEB TALK — CSI EVENT



Departments of CSE, ISE and MCA in association with CSI organized a special event on 03.11.2020 at 02.00PM through Online to introduce the man-aging committee of NHCE-CSI 2020-21 along with a Web Talk on Soft Skills.

A continuous improvement process by Mr.S. Nischal, Technical Solution Analyst, Cerner Healthcare Services for the benefit of 3rd semester students of CSE, ISE and MCA.

The speaker highlighted the points on improving softskills with various examples.

WEBINAR



Department of Computer Science and Engineering in association with Industry Institute Interaction Cell (Dept. of HRD) organized a webinar on "WWW.BIGDATA.REQ" under VERTICA Centre of Excellence for 5th semester CSE students.

Mr. Lokesh Sharma, Sales Director, Vertica — India and SAARC was the resource person and he addressed what is big data, where is it used, whom is it for and why is it required (Career Perspective).

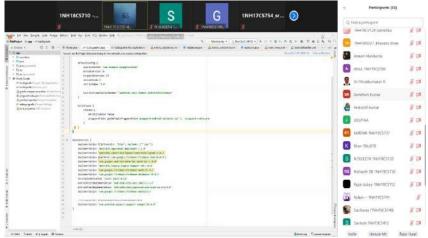
BIT CLUB EVENT

BIT Club from CSE department organized their second event on 13.11.2020 at 11.00 am through online mode. The event is titled "Collaboration Communication Computing". This event aimed to promote interdependence of business and technology and the importance ΩF communication in order to fluently share



our ideas and thoughts in the entire business solution development process. Guest speaker was Mr. Pradeep Gopinathan, who has 30+ years of corporate work experience and has trained more than 1000 professionals. The insights of guest speaker, who is an industry veteran with many years of experience in the IT and Telecom sectors can help students to understand the real-life scenarios they will face in their future job postings.

MD CLUB EVENT



MD Club from CSE department organized their second event on 13.11.2020 at 11.00 AM through online mode. The session was taken up by Mr. Harikrishnan, a member of mobile app development club. There were 2 sessions in the event.

Part one: Hands-on session on android studio, to build a simple mobile application from scratch. Part two: An Interactive Q and A section.

The outcome of the event was to utilize the information and skills imbibed in the event and Gaining of awareness of how to develop a simple mobile application. The intended audience were students interested in learning mobile application development in any branch. Around 55 students were benefited out of the session.



TECHNICAL TALK



Department of Computer Science and Engineering in association with Industry Institute Interaction Cell (Dept. of HRD) organized a technical talk on "VERTICA — THE UNIFIED ANALYTICS WAREHOUSE" under VERTICA Centre of Excellence for 5th semester CSE students.

Mr. Ravi Gupta, Solution Architect, Microfocus, India, was the resource person and he addressed on the analytical ware-house capabilities of Vertica.

IMPLEMENTATION OF EMBEDDED SYSTEMS & IOT FOR PRODUCT DEVELOPMENT

WEBINAR

Online Workshop is conducted by the Industry Expert. He has delivered his talk with the Final year Students on implementation of embedded systems and IoT applications.

The speaker of the workshop is Mr. Kotresh M Director, Indian Tech Keys Bangalore.



RESULT ORIENTED LEARNING (ROL)

WEBINAR

Online seminar was presented by the Certified soft skills trainer / image consultant. She has delivered a talk with Second year ECE students on Result Oriented Learning (ROL), which reflected the methods on how to learn effectively, while enjoying the process of learning; giving importance to understanding the concept rather than just remembering. The speaker of the seminar is Ms.Swati Mathur, who has trained 2000+students as an employability and job coach.



ADAPTABILITY ONLINE SEMINAR



Online seminar was presented by the HR services Coordinator.

She has delivered a talk with Second year ECE students on Adaptability, which highlighted the need to be adaptive in corporate environment to grow and evolve in a professional world.

The speaker is Kanchan Gairola, HR Services Coordi-nator, Microsoft, Singapore. She has 10+ years of work experience, in which 7+ years of her Asia Pacific experience is in the field of HR, Learning and Development.

DISCONNECT TO CONNECT ONLINE SEMINAR



Online seminar was presented by the Corporate trainer & Image Consultant.

She has delivered a talk with Second year ECE students on Disconnect to Connect, which threw lights on the importance of disconnecting from the virtual world to be able to connect to the real world, thereby bring a balance in our lives.

The speaker is Ridhima Roy Burman, Founder and Director of Burgeon Train-ing Solutions. She enables her clients to develop and create a mark in whatever they do.

BUSINESS ACUMEN CRITICAL SKILLS FOR STUDENTS / FRESHERS TO SUCCEED IN VUCA WORLD ONLINE SEMINAR



Online seminar was presented by the Personal Branding Strategist.

She has delivered a talk with Second year ECE students on Business Acumen-Critical Skills for Students / Freshers to succeed in VUCA world, which dealt with the necessity to understand the business aspect of any profession to succeed in any career.

The speaker is Suba Lakshminarasimhan, Founder and Director of SLN Brand Studio LLP. She has won Her Rising award and Digital Women award and believes in identifying and delivering individual growth solutions.

CAREER IN INDIAN ARMED FORCES ONLINE SEMINAR



Online seminar was presented by the Lieutenant Colonel. He has delivered a talk with Second year ECE students on Career in Indian Armed Forces. He spoke about the career options available for the students in the Indian Armed forces.

The speaker is Lt. Col. P.S. Chandrashekar. He is an IT and Tele-comprofessional with experience in Project Man-agement.

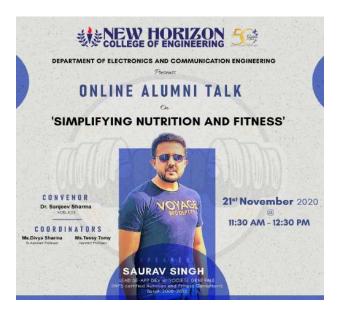
EMOTIONAL INTELLIGENCE ONLINE SEMINAR



Online seminar was presented by the Life skills trainer. She has delivered a talk with Second year ECE students on Emotional Intelligence. She spoke about the importance of applying intelligence to human emotions according to the situations, to bring balance in our life.

The speaker is Sukanya Sandeep, Founder of Perfect Persona, an image consulting, Life skills Training and coaching firm, based in Bangalore.

SIMPLIFYING NUTRITION AND FITNESS ONLINE ALUMNI TALK



Department of Electronics and Communication Engineer-ing conducted an International online alumni talk on "Simplifying Nutrition and Fitness" on November 21 st 2020.

The speaker, Saurav Singh, is an alumni of ECE department (Batch-2008-2012). He is currently working as SE lead at Society Generale and also is a certified Nutrition and Fitness Consultant.

The audience were V semester students. The session started with creating awareness amongst the students about the myths and significance of fitness and nutrition. The alumni discussed the right diet plan and the exercise for students that will help them stay fit during the pandemic conditions wherein there is minimal physical activity.

Students interacted with alumni at the end of session by taking suggestions and clarifying their doubts on weight loss and staying fit. The session was overall very informative

OVERVIEW OF IOT AND NECESSITY OF MQTT PROTOCOL ONLINE WORKSHOP



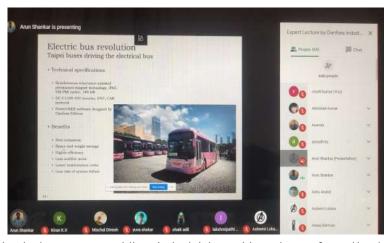
Online Workshop is conducted by the Industry Expert Mr. Praveen Kumar, Founder - Ekagga Technology, Bangalore.

He has delivered his talk on Basics and Concepts of loT and its applications.

He also covered the necessity of MQTT Protocol in Internet of Things which acts as a solution for communication between physical devices

ROLE OF SYNCHRONOUS MACHINES IN INDUSTRY

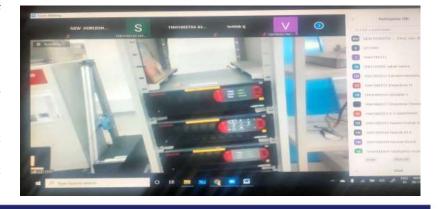
The Department of EEE, New Horizon College of Engineering organised an Expert Lecture on "Role of Synchronous Machines in Industry" in association with Danfoss Industries Pvt Ltd, Chennai on 04th November 2020, will defined the concept of current research trends in synchronous machines in industry. Mr. V.K Arun Shankar, Testing Engineer, Danfoss Drives Segment - R&D Sriperumbudur served as resource person for an Expert Lecture and delivered a speech on a large collection of synchronous motors and generators is available with a wide range of industrial applications. He also mentioned that electric motors have become an integral part of industrial



production and convert electrical energy into mechanical energy, enabling industrial machines to perform the tasks assigned to them. Not all electric motors perform a similar set of tasks, but some of them are specifically designed for a industry. Synchronous motors are normally used in applications in which a constant and precise speed is required. Typical applications of these low power motors are positioning machines. They are also used in robot actuators and such motors are available in a range from horseshoe size to industrial high performance size. Although they are used in industrial high performance sizes, these motors can perform two essential functions. One is as an efficient means of converting alternating current energy into mechanical energy and the other is as a power factor correction. The programme covered the following important aspects namely applications of synchro-nous machines in Danfoss. The eminent expert from Industry delivered the lecture and his talk has been very well received by the participants.

VIRTUAL INDUSTRIAL VISIT DANFOSS INDUSTRIES CHENNAI

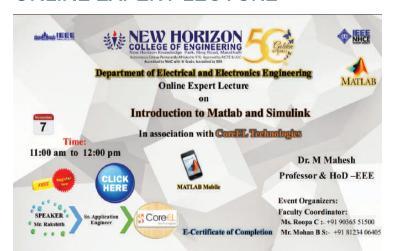
The Department of EEE, New Horizon College of Engi-neering organized an Industrial Visit in association with Danfoss Industries Pvt Ltd, Chennai on O6th November 2020 through Virtual Online Mode by ZOOM Platform. Mr. V.K Arun Shankar, Testing Engineer, Danfoss Drives Segment - R&D (SW), Sriperumbudur demonstrated the experimental setup at Software Testing Laboratory, R&D sector. He explained an NI-Test stand based VFD test setup, Power card and Option cards testing Setup, Hard-ware in Loop test setup, Aqua Pump setup for VFD, Drive



efficiency Test setup and Intelligent Motor Control of synchronous motors and generators is available with a wide range of indus-trial applications. The program covered the following important aspects available in Danfoss. The eminent expert from Industry delivered the lecture and his talk has been very well received by the participants and nearly 115 students participated from III B.E EEE, ISE, Mechanical branch 5th semester.

INTRODUCTION TO MATLAB AND SIMULINK

ONLINE EXPERT LECTURE

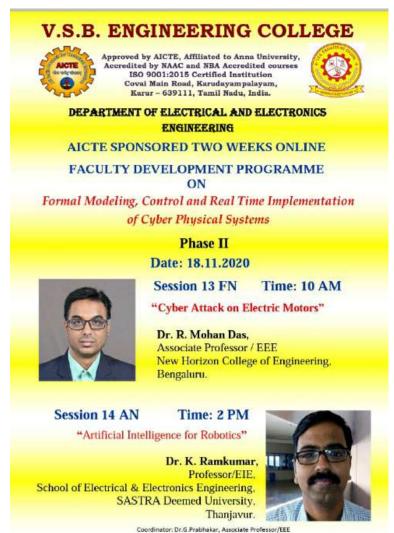


After the expert lecture, students will be able to know what MATLAB/Simulink is.

How to get started with MATLAB/Simulink.

Basics of MATLAB/Simulink. To solve simple and complex problems.

FORMAL MODELING, CONTROL AND REAL TIME IMPLEMENTATION OF CYBER PHYSICAL SYSTEMS



Dr. Mohan Das recognized as a Resource Person and delivered Key note addresses in AICTE Sponsored FDP/STTP conducted by VSB college of Engineering.

NATIONAL LEVEL WORKSHOP

NEHRU INSTITUTE OF ENGINEERING &TECHNOLOGY.



Dr. Mohan Das recognized as a Resource Person for a webinar organized by Nehru Institute of Engineering and Technology.

WORD OF WARS

DEBATE COMPETITION



A "Green Energy club" of EEE department has organized an activity of debate via online platform for all the students and was nicely coordinated by students volunteers and Ecertificate also for all the registered participants.

CLOUD COMPUTING EXPERT TALK



The department of Information Science and Engi-neering has conducted an Expert talk session on "Cloud Computing" for the 3rd & 5th semester students on 7th of November, 2020.

The expert speaker Ms. Anaya Reddy, Senior Software Engineer, Dell EMC was invited to conduct the same. Speaker is a multi-skilled professional with 3+ Yrs of experience spread across Python and Storage (NAS/SAN).

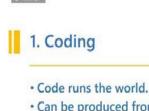
The session was very informative and has given immense knowledge to all the participants.

ALUMNI TALK

The department of Information Science and Engineering has conducted an Alumni talk webinar session on 7th November 2020 for the 5th semester students.

The Alumni speakers were:

- •Ms. V. Spoorthi (Batch of 2010-2014) Senior Consult at Workforce Advisory Ernst and Young.
- •Ms. Roshni Sesharaju Katta (Batch of 2014-2018) Pursuing her master's degree in Information Technology in UNSW, Sydney.
- •Ms. Shraddha Undale (Batch of 2013-2017) Software Engineer, Envestnet Yodlee.
- •Ms. Samyuktha Prabhu (Batch of 2013-2017) Senior Test Analyst, Cerner healthcare solutions.



- Can be produced from anywhere if we have the right skill.
- Many different languages Java Python etc.



The topics covered were Digital Transformation, Introduction to Machine learning, Data Analysis and general topics on what the industry expects in the workplace and 10 important skills needed for the future

DESIGN OVERFLOW

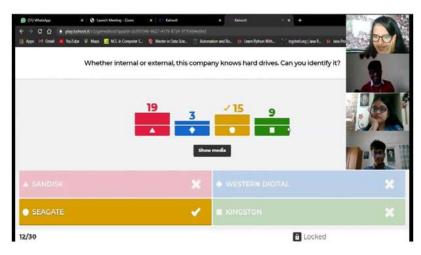


NOTE club of Information Science and Engineering Department has conducted a national level UI Design based hackathon called "DESIGN OVERFLOW" from 08-11-2020 to 12-11-2020.

The finale was conducted on 12-11-2020 from 11AM-2PM. The expert guides, Sucharitha Venkataramana Reddy, Working as a Consulting Engineer with Cisco, Dr. R J Anandhi, Profes-sor and Head of Information Science Department, Mrs. Rafega Beham, Senior Assistant Professor and Mr. Gautam, Senior Assistant Professor shared their knowledge and experience.

In the Grand Finale each team were given 3 minutes of time for presenting and 2 minutes of time for any queries from the judges or participants.

VZARDS 2020



VZards 2020 was conducted online by VMware IT Academy of information science and engineering department. The event consisted of three rounds namely:

- Ouizicalls
- Code-o-fiesta
- Trivia Buzzer

The First Round quizicalls was the quiz conducted on Kahoot which consisted questions based on cloud, aptitude, logo and technical questions. The Second Round Code-o-fiesta was a purely coding and a debugging round conducted through zoom where the participants had to code the given output and answer 5 debugging questions.

The Third Round Trivia Buzzer conducted on zoom where the participants were given a pdf on the topic virtualization and were given 45 mins to go through the pdf. Then the participants had to answer the rapid fire questions. The fastest and the highest scorer were declared the winner.

HOW TO MAKE YOUR CAREER & NOT BREAK IT

A 6E& 3E&B3<E3<@6B



The department of Information science & Engineering organized a Motivation program on the topic "How to Make your Career and Not Break it" for all the third Semester Students on 25th November 2020, through Virtual platform Zoom Cloud Meetings.

The Resource Person was Mr. Aravind Valloor Mana, Engineering Manager, Mentor and Professional coach. The event added more insight about how to build a successful career. Students understood that drive, patience, passion, connection, abundant mentality and pleasing personality are the traits of a successful person whereas no defined goal in life, doing the bare minimum of work, self-sabotaging beliefs, procrastination and wrong company are the traits of an unsuccessful person.

COMMUNICATION VIDEOS — OPEN HOUSE



The Syllabus of 19 HSS 171 has self-introductions and introduction of others. As an extension of the Zoom session activity, a challenging activity in their free time was posed to the students who have, in turn done a commendable job. This is a true showcase of initiative and communicative skills. This is an example of attainment of RBT levels 3 and 6.

In continuation of the last month zoom based activities, the students have continued to record their further conversations on covid-19 routines, Quiz on random questions, compering and hosting general interview-type videos. A video based on fun conversations and games based on running story embedded in a game where the person misses the story stream for 5 seconds would have to do an activity suggested by one of the team members. This fosters communication and storytelling. They have edited the video where they all pass the paper ball and catch.





BUSINESS MEETING WITH A Q & A SESSION ZOOM VIDEO (A NEW APP EXPLAINER VIDEO) & SOCIAL AWARENESS OF BLACK LIVES MATTER.











This event was about Business meetings with introductions of self, product and discussions of a product launch. This went beyond learning a co-curricular activity as this is not a part of their curriculum in this semester. They used proper introductions and social graces / business and social etiquette phrases.



VERSE & DANCE BASED COMMUNICATION ON SOCIAL GRACES AND COMMUNICATION TIPS.

Students with dance abilities were encouraged to showcase the learning in our sessions through dance and verses on the background which were read clearly and at a pace to sink the meaning in. The team was enthused and has produced a beauty of a piece of art indeed. Commendable application and creativity, designed, versed, video graphed and edited excellently. A treat to watch must say.











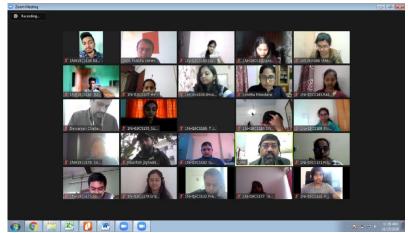
21ST CENTURY SKILLS FOR FRESHERS

GUEST LECTURE



Dr. Israel Paul , Executive Dir. & Head HR of Flatworld solutions addressed the students on the requirement of freshers and how to work towards the transition. The sessions on both days were interactive and fun.

All students who took the pre-training survey and post —training survey have expressed 100% clarity and liking for the sessions and have asked for a repeat of the speaker to address them on similar challenges and change in freshers. We enabled the surveys and feedback on Google forms and the results are available.



ADAPTABILITY

ONLINE SEMINAR

Ms. Kanchan delivered an interactive session on being adaptable and flexible and learn on the job. She also stressed that the freshers are supposed to bring in fresh life and enthusiasm at work and be adaptable to change.



RESULT ORIENTED LEARNING

ONLINE SEMINAR

The online seminar was beneficial and students interacted well to understand the need of learning with focus.





DISCONNECT TO CONNECT

ONLINE SEMINAR

The online seminar on disconnect to connect gave them a perspective to work on in these testing times. The interaction with the industry resource has benefitted the ECE students.



CAREER IN INDIAN ARMED FORCES

ONLINE SEMINAR

Lt.Col Chandrashekar motivated the students with real life expriences in the armed forces and encouraged the students with officer career options and gave data of exams and type of assessments.



BUSINESS ACUMEN — CRITICAL SKILL FOR STUDENTS / FRESHERS TO SUCCEED IN

VUCA WORLD.

ONLINE SEMINAR

Ms. Suba induced a sense of overcoming the testing times and instilled the sense of resilience in the students in this online seminar.





ROLE-PLAY & DISCUSSION ON TOPICS OF CHOICE

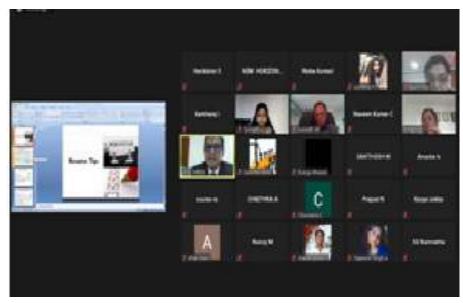
The students were encouraged to bring out their speaking and discussion abilities on any topic of their choice and they were allowed to choose team members and foster team work and execution along with communicative abilities.



RESUME WRITING

Department of Management Studies organized a Resume Writing Workshop on 3rd November, 2020 for III sem students. The speaker for the session was Mr. Anis Mirza, Senior HR Manager, Department of HRD, NHCE. The Speaker emphasized the basics of resume writing skills that touched upon the key elements of the job search. Workshop focused on teaching how one can construct an effective resume that helps To succeed in today's job market.

Speaker highlighted that resume becomes an advertisement that target



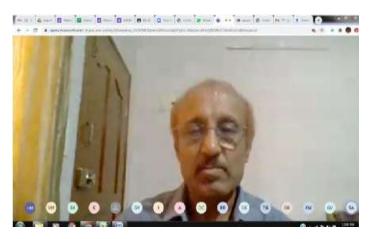
towards the future boss and one cannot create a perfect resume on their first try, but can start by simply getting in the right mind set.

Speaker said when applying for jobs, it is important to be fearless and show employers that you are confident and qualified candidate. To show the confidence, cover letter is a great way to introduce you to the employer and tell them how your skills, knowledge, and abilities will benefit their company and meet their company needs.

Speaker concluded the session by telling that writing a resume can capture a hiring manager's interest and help them finding a dream job that requires determination to reach goals and achieve great things.



CAPITAL MARKET INDUSTRY EXPERT LECTURE SERIES



The Department of Management Studies organized industry expert lecture series on Capital Market for III sem MBA finance students. The speaker for the day was Mr. V.Prabhakar, Founder, ASCENT Capital Market Academy.

The session gave an in-depth understanding of how the Bombay Stock Exchange investor's protection fund works. The Speaker started with explaining stock/equity market and their benefits and disadvantages. He explained how index represents the performance of the whole stock market by considering the companies from different sectors.

This webinar focused on how to do money management of any strategy through the anatomy of trade setup and offer a few ideas to better manage this trading style. He described trading and settlement system and process of stock market and the required things to trade in market.

While he covered an intraday system, the same concept can be used on the positional system as well. Finally, he concluded with the objectives of Bombay stock exchange investors protection fund is to protect the investors of the defaulter members and to give maximum education and awareness to the investors.

PLACEMENT TRAINING SESSION

WEBINAR



Placement Training Session for the 2022 Batch who are eligible for Lowe's to take up the Aptitude Test, its related to Women Empowerment and only Girls were eligible. The Training session organized by Dr. Asha & Ms. S. P. Sreeja of MCA department with the support of MCA faculties.

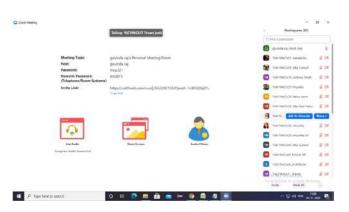
Speaker of the session is Prof. M Govindaraju, the objective of the session is to enhance and motivate the students to attend all the sections and as well as to acquaint the skills for Technical Coding session based on Java concepts. The following topics this with hands on exercises were discussed during the session: Class & Object, Array & String, Inheritance, Interface, Package, Exception handling, Multithreading. Also briefed about the following topics: Key features of Java, JIT, JDK, JVM, JRE, types of variables, method overload-ing, method overriding, string, StringBuffer, StringBuilder, Access specifiers, collection, final keyword and this keyword.

Placement Training Session for the 2022 Batch who are eligible for Lowe's to take up the Aptitude Test, its related to Women Empowerment and only Girls were eligible. Training session organized by Dr.Asha & Ms. S. P. Sreeja of MCA department with the support of MCA faculties.

Speaker of the session is Dr. A. P. Nirmala, the objective of the session is to enhance and motivate the students to attend all the sections and as well as to acquaint the skills for Technical Coding session based on C concepts.

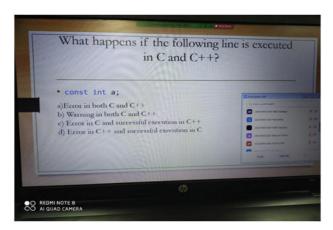
The following topics this with hands on exercises were discussed during the session: Data types, Variables, Operators, Expression, Conditional statements (if and switch), Loop statements (for, while), break continue, Strings, Arrays, Functions and Pointers with programming examples.

PLACEMENT TRAINING SESSION





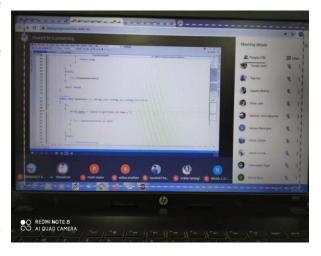
PLACEMENT TRAINING SESSION: WEBINAR



Placement Training Session for the 2022 Batch who are eligible for Lowe's to take up the Aptitude Test, its related to Women Empower-ment and only Girls were eligible. Training session organized by Dr. Asha & Ms. S. P. Sreeja of MCA department with the support of MCA faculties. Speaker of the session is Prof. AnuBala, the objective of the session is to enhance and motivate the students to attend all the sections and as well as to acquaint the skills for Technical Coding session based on Object Oriented Programming concepts. The follow-ing topics this with hands on exercises were discussed during the session: Datatypes, Operators, OOP's concepts: Inheritance, Polymor-phism. Students have been actively participated and given the answers to the questions presented.

HANDS-ON WORKSHOP ON C#.NET APPLICATIONS

The session was presented by Mr. Sharath, a Senior Consultant, Suven-ture Services Private Limited and he is also an Alumni of MCA depart-ment. He delivered a session on the topic "Handson Workshop on C#.NET Applications". The session began with an introduction to data-base connectivity in C# .NET. He gave brief information about Visual Studio and different versions of it. He explained about Databases connectivity on various platforms including SQL, Oracle, MySql etc. The speaker also discussed about the tool Visual Studio along with C# .NET which helps in developing small scale and large scale applications. He demonstrated the connectivity of the database which holds Student Records including their ID, Name, DOB, and Department. He also explained about multiple operations like Insertion, Deletion, Updating that could be commonly performed on many management applications like Employee Record Management , Student Marks Registry etc. This session helped the students to improve their knowledge on basic Connectivity that allows them to access the Database and create Tables based on their application's requirements.



ALUMNI TALK ON DATAWAREHOSUING

Workshop on "Data Warehousing" aimed to impart technical and practical knowledge to students. The following topics were discussed in the session with live examples.

- Business Intelligence
- Data Warehousing, Architecture, Adavantages.
- OLAP Cube:
- OLTP vs OLAP
- SMP vs MMP databases
- ETL (Extract Transform Load), ETL Tools





WORKSHOP ON "WEB4.0 USING MERN"



The session was conducted through Zoom by Dr. Anbunathan R, founder & Samp; CEO of a startup company called 'DigiTran Solutions'. The title of the session was "Web4.0 using MERN" which was very helpful as we got to know the importance of exchanging knowledge and creating a technical centric world. The session covered the evolution of web platform, its importance and its applications. During the session students were taught about how it works with other platforms like AI, Bigdata, Cloud and Machine Learning.

MEMORANDUM OF UNDERSTANDING



The Department of MCA signed an *MOU* on 11-11-2020 with "DigiTran Solutions" to set up a "Virtual Incubation Centre". Dr. Anubnathan Ramaiah, Ex-Chairman of CSI, Founder & CEO of DigiTran Solutions, Bengaluru visited the campus for this purpose. This MoU enables students and faculty to develop products powered by digital transformation technologies, file patents and publish research papers collaboratively. Hearty thanks to our Principal for motivating us and gracing the occasion.

PARENT TEACHER MEETING

Department of MCA arranged PTM through Zoom app on 07.11.2020 for III and V Sem MCA Students between 09:30 – 12:30.

Outcomes of PTM:

Many Parents attended the Meeting. Parents were happy with the effort taken from the College in conducting classes online during the pandemic period.

Parents also enquired about the performance of their wards in the respective Subjects.

Faculty handling classes for both MCA V Sem and III Sem attended the Meeting

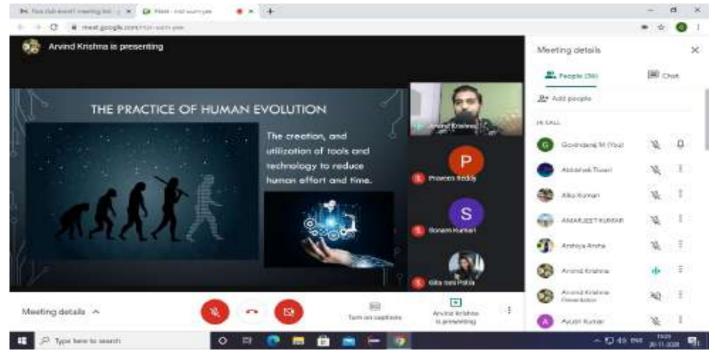
Action Taken:

Most of the suggestions given were positive feedbacks. Not attended parents were encouraged to call any subject teachers at any time to know their wards progress



A TECHNICAL TALK ON

"WORKFLOW AUTOMATION" BY FOSS CLUB

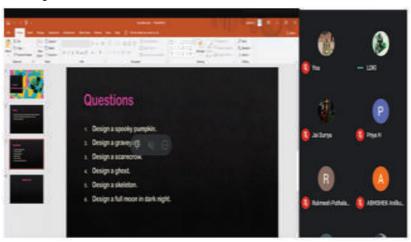


The session was conducted through Google Meet by Mr. Arvind Kishna. S, Entrepreneur, Founder & Eo, Evolve Academy, Bangalore. The title of the session was Workflow Automation, which was very helpful as we got to know the importance of exchanging knowledge and creating a technical centric world. The session covered the importance of Automation and to understand how and why it is cost effective and in efficient. During the session students were taught about automation in today's scenario, what changes automation brought to the industry and the future of automation. Hands-on session was conducted to understand the implementation of Workflow Automation with real time example.

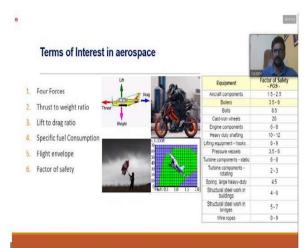
A TECHNICAL EVENT ON

"RENDEZVOUS" BY EDAP CLUB

"Rendezvous" gave us an opportunity to conduct different levels and rounds that explained and portrayed the importance of E-designing and publishing tools. The entire event was precisely divided into three main rounds. Each round was planned with a purpose of letting everyone quickly learn about the tools that we have in the industry, also with a perspective of testing each participant's knowledge about existing software.



WEBINAR



Department of Mechanical Engineering organised program on "Career Development and Trends in Aerospace Manufacturing" through online mode using zoom app. speaker explained the basic terms of interest used in aerospace industry (like drag, lift, thrust, etc.). He also explained about the importance of safety, standards and different systems in aerospace.

A TECHNICAL TALK ON "INFOSESSION" BY EDAP CLUB



The session was conducted through Google Meet by Mr. Prabir Chakraborty. Senior software Developer, Walmart, Bangalore. "Infosession" was conducted with a perspective of encouraging students to step into the creative era and to guide them through the importance of user experience that are excelling. This program was one of our successful events of this year solely conducted by the EDAP club members from Department of MCA, NHCE

A TECHNICAL TALK ON "INFOSESSION" BY EDAP CLUB

The session was presented by Mr. Sharath, a Senior Consultant, Suven-ture Services Private Limited and he is also an Alumni of MCA depart-ment. He delivered a session on the topic "Handson Workshop on C#.NET Applications". The session began with an introduction to data-base connectivity in C# .NET. He gave brief information about Visual Studio and different versions of it. He explained about Databases connectivity on various platforms including SQL, Oracle, MySql etc. The speaker also discussed about the tool Visual Studio along with C# .NET which helps in developing small scale and large scale applications. He demonstrated the connectivity of the database which holds Student Records including their ID, Name, DOB, and Department. He also explained about multiple operations like Insertion, Deletion, Updating that could be commonly performed on many management applications like Employee Record Management, Student Marks Registry etc. This session helped the students to



improve their knowledge on basic Connectivity that allows themto access the Database and create Tables based on their application's requirements.

GUEST LECTURE

Department of Mechanical Engineering organised Guest Lecture on "EMERGING AUTOMOTIVE TECHNOLOGIES" through online mode using zoom app. Program got well response. Speaker spoke about the industry expectations for upcoming engineers and also he spoke about basics and trending concepts like different engines, valve timing diagrams, turbochargers and superchargers, etc



WEBINAR



Department of Mechanical Engineering organised program on "NOVEL TRENDS ON COMPOSITE MATERIALS" through online mode using zoom app. Program got well response from students community. Guest speaker. Mr. John started his presentation by briefing about what Composite Materials are and its importance, classifications of Composite Materials and their various applications in the world.



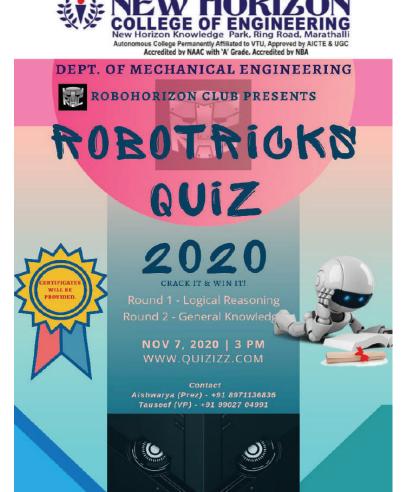
WEBINAR

Department Mechanical Engineering of organised program on "Future of sustainable design" through online mode using zoom app. speaker explained About Autodesk, various software platforms in Autodesk, Introduction to EASY TECH Training and Solutions, Introduction to Sustainability, meeting the present needs without compromising future needs, THREE pillars of Sustainability ,Manufacturing consid-ering parameters of economy, environment and social Product Design aspects, and Manufacturing considering 3R's, green manufacturing & lean manufac-turing, how to design the product and manufacture it sustainably? Few examples of manufactur-ing, Generative sustainable design adopted by Volkswagen, Honda manufacturing lighter crankshaft etc.



ROBOTRICKS QUIZ

Department of Mechanical Engineering Robohorizon Club organised "Robotricks Quiz" through online mode. Students of NHCE were actively partcipated . first three winners are awarded with winners certificate and remaining students have got partcipation certificate.



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