

# NH *Bytes*

A MONTHLY NEWSLETTER BY  
**NEW HORIZON COLLEGE OF ENGINEERING**

**DEC 2020**





# AUTO QUEST

From SAE Club



The SAE Club of Automobile Department conducted an event named "The Auto Quest" wherein participants of over 50 students from various departments of NHCE and other colleges too participated. The Event had 3 Rounds namely The Crosswords, the Logo Quiz and an Interactive round which had Technical questioning and answering round. 3 winners for 1st, 2nd and 3rd place were selected.

# CHALLENGES IN INDUSTRIES

## Alumni Talk

The department organized an alumni talk on "Challenges in Industries" by **Mr. Madan Venkatesh** from **Vexilum Labs**. The objective of the talk was to motivate the final year automobile students to take industry-related courses and concentrate on skill development during this challenging period. This session was aimed at allowing students to reflect on the relevance of skills required by Industry.



## INDUSTRIAL VISIT TO NEW HORIZON GURUKUL, BANGALORE



7th semester students of (Section A) B. Tech Civil Engineering

The students of 7th Semester B. Tech Civil Engineering visited New Horizon Gurukul where a construction was going on along with their faculty member Mr. Channabasava. Students were able to observe and understand the steel structure connections which they found it very informative.

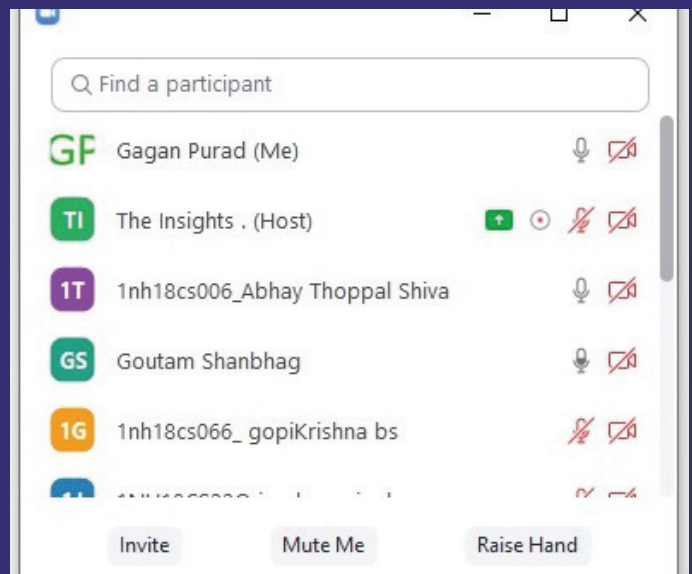


7th semester students of (Section B) B. Tech Civil Engineering

The students of 7th Semester B. Tech Civil Engineering visited New Horizon Gurukul where a construction was going on along with their faculty member Dr. Natchimuthu Subramani. Students were able to observe and understand the steel structure connections which they found it very informative.

# THE INSIGHTS

## Webinar



5th and 7th Sem CSE students

The department of CSE organized and conducted a webinar on Entrepreneurship titled "The Insights" on December 2nd, 2020. from 12:00 PM to 1:00 PM. The main aim of the event was to promote the spirit of entrepreneurship among engineering students. This gave students a platform to discuss their start-up ideas and have a discussion with their peers for suggestions and a healthy discussion.

## MINI PROJECT COMPETITION

Department of CSE has organized a Mini Project Competition for 3rd, 5th & 7th sem students on 5th December, 2020. This was aimed at bringing awareness to the importance of Project development, coding, presentation and employability skills among students. Jury panel consisted of Mr. Kamal R, Software Architect, TCS and Mr. Vinod Unnikrishnan, Product Owner, Dell Services. Winners were as below:

3rd Sem:

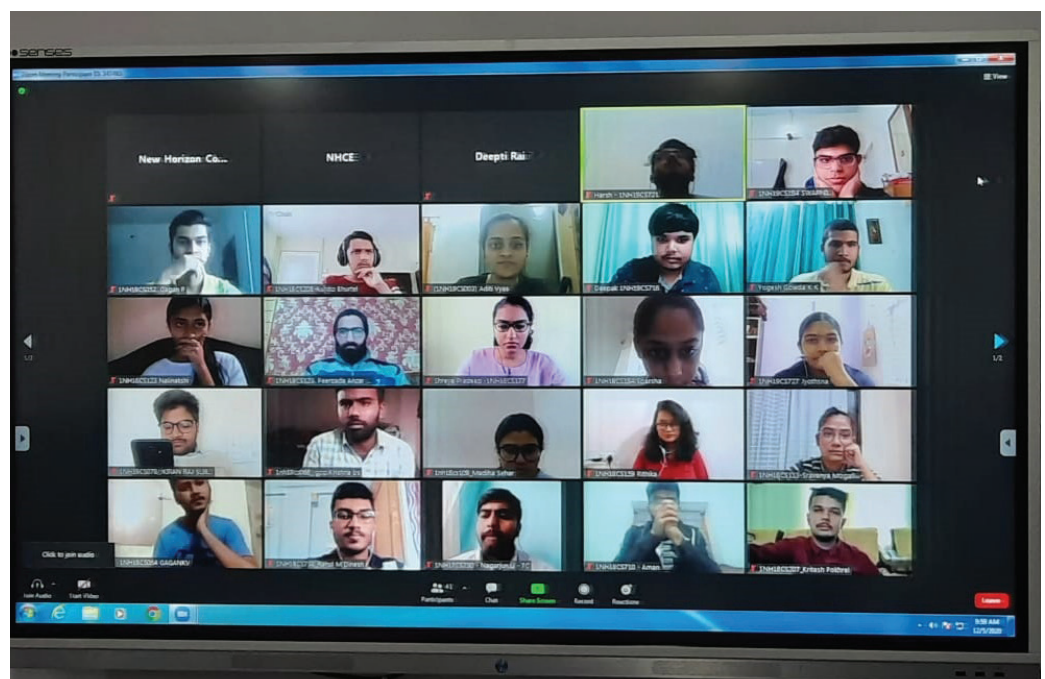
Rakshitha B A  
Swapnil Shukla  
Kiran Raj Suresh Malali

5th Sem:

Rahul M Dinesh  
Babu Aman Singh  
Harshit Pant

7th Sem:

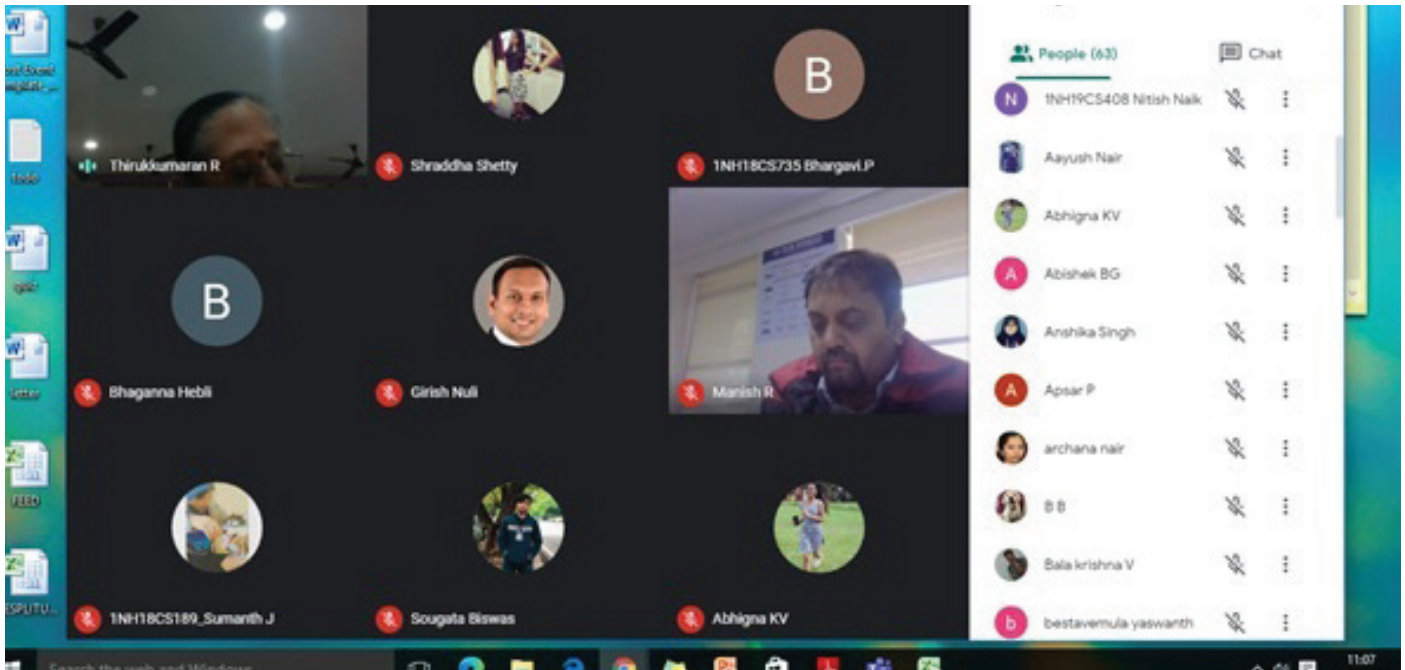
Nagarjun U  
Aayush Soni  
S.Sriram



3rd, 5th & 7th Sem students



## AI IN COMPUTER VISION Workshop



7th Sem students

Department of Computer Science and Engineering and Industry Institute Interaction Cell of NHCE in association with Infibridge has organized One-Day Workshop on "AI in Computer Vision" on 18th December 2020. The speaker was Mr. Girish Nuli, the CEO and founder of Antara Software and Consulting Private Ltd. The presentation was about AI in Computer Vision. He spoke about history of Computer Vision and various business use cases. He briefly explained about Image Processing, Artificial Neuron, Machine Learning, Neural Network and Convolutional Neural Network. He was also presented a live demonstration about how to work with Computer Vision.

## STRATEGY & SUSTAINABILITY ENTERPRISE WEBINAR



3rd semester students

A webinar was conducted on 04.12.2020 by Department of Management Studies for the students of professional and Global batch-MBA, Professor P D Jose from IIMBX, Ms. Deepika Ganesh and Mr. Tilak Thomas were present for the session. Prof P D Jose interacted with the students on the topic of Strategy and Sustainability Enterprise. Numerous thought-provoking questions were posed by the students and which were splendidly addressed by Prof P D Jose. He also described and emphasized the career paths that one could be led into if they chose Sustainability as their area of focus for their careers.



## SESSION ON CASE STUDY ANALYSIS

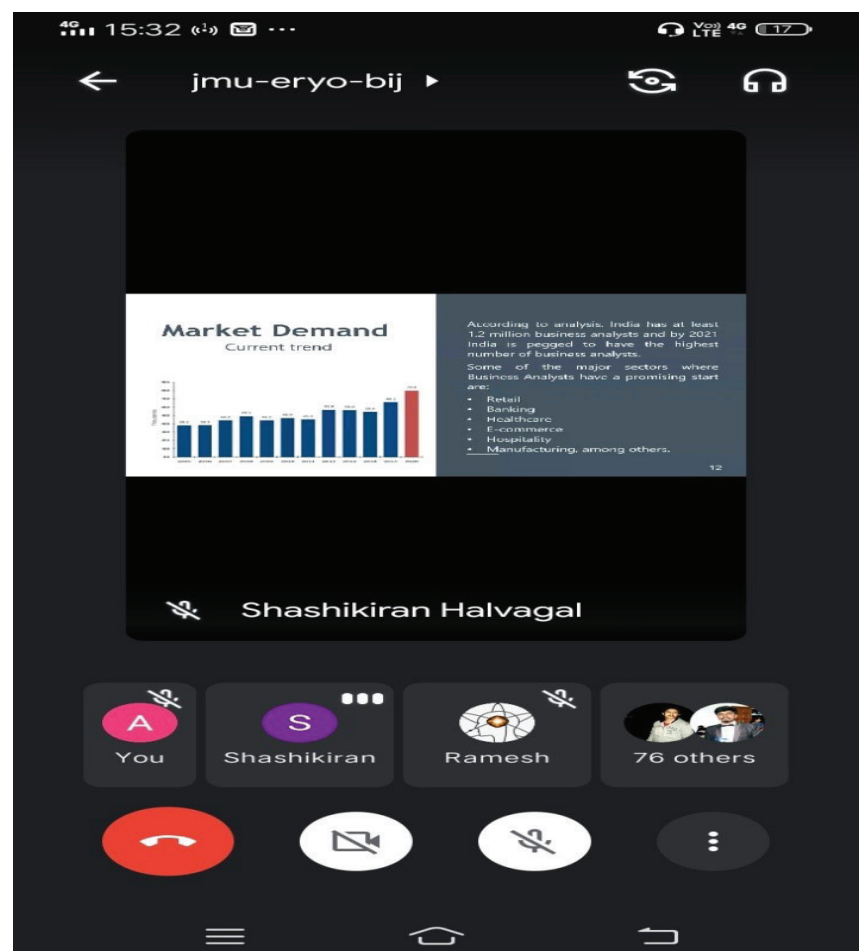


3rd semester students

A Session on Case study Analysis was organized by Department of Management Studies on 31st December as a part of Foundation program for MBA- 1st Semester Students. Professor Bholanath Dutta Founder & President MTC Global was the speaker for the session. He explained students in very simple step wise process of analyzing of Cases. All queries were answered through Q&A session. The Session was very informative and enlightening.

## ROLE OF BUSINESS ANALYST WEBINAR

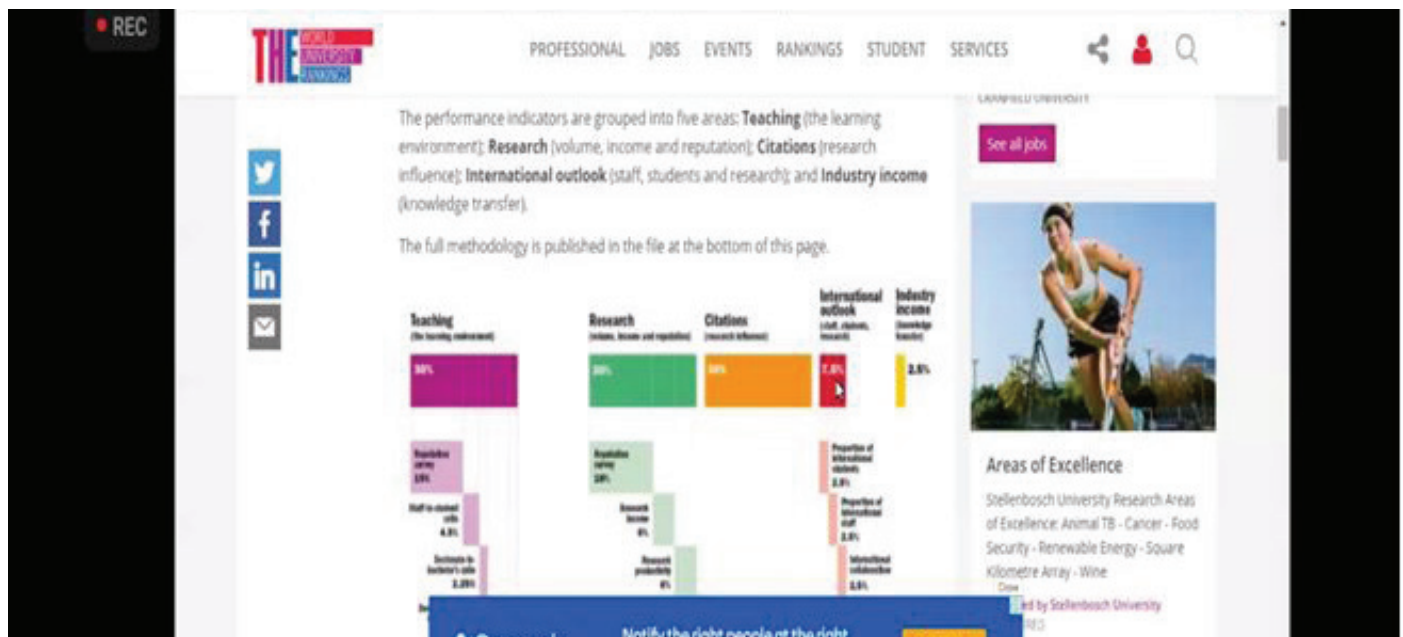
A webinar was conducted on 14th Dec, 2020 for 3rd Semester MBA students on the topic "Role of Business Analyst" by Mr. Shashikiran H N, Chief Consultant, Optimal - Minds. Speaker briefed the students about the roles and responsibilities of an Analyst also called as Young Dynamic Manager( YoDyMa) in the organization and the Growth path of an Analyst followed in most of the Business Firms .Mr. Shashikiran gave an insight about the four pillars of Analyst - Data, People, Process and Technology and the Sources of Data collection for the prediction. He also explained the market demand of Analyst in the sectors likes Retail, Banking, Healthcare, E-commerce, Hospitality and Manufacturing is high in the coming years and gave us an idea about theremuneration paid in the various organizations.



3rd semester students



# WEBINAR



NHCE students and Research Scholars

Department of Mechanical Engineering, New Horizon College of Engineering, organized a Webinar on "Paradigm shift in Research and Development" with Dr. Girish G P, associated with IBS Bangalore and a research coordinator. He spoke about the entirety of attaining and completing a graduate level course is dependent on how well versed the papers are, the publications and the citations involved which provide the candidate a better upfront and higher chances of success.

He also spoke about the various research paper publication websites which are well known and provide high value all around the world like Scopus and Elsevier indexed. The speaker educated the students about forums and websites which are trusted and provide all the information with regard to the hunt of universities with specific course choices. Lastly, he concluded the session by providing us his insight on investing and trading and the strategies involved in it.

## ARTICLE IN IPE MANUFACTURING NEWS

### IS CLARITY BETWEEN THE ENGINEERING DISCIPLINES BLURRING?

**Dr. M S Ganesha Prasad,**

Dean, New Horizon College of Engineering, Bangalore

URL: <https://theeducationpaper.com/is-clarity-between-the-engineering-disciplines-blurringdr-m-s-ganesha-prasad-dean-new-horizon-college-of-engineering-bangalore/>



*Because of unprecedented situation, due to COVID 19, Job markets in INDIA is changing drastically; Industries like IT, IT support and services, Engineering service industries needs engineers who are very much comfortable with online tools.*

*Very recently to develop video streaming apps like Zoom, Skype etc, Govt of India sanctioned Rs one crore as start-up fund. To co-up with the present and future market trends and sustain in the competitive world one has to*

Engineering students and aspirants

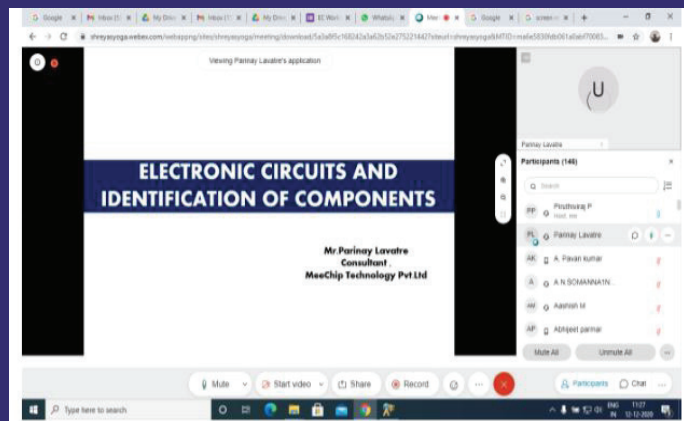
Dr. M. S. Ganesha Prasad, Dean-Prof and Head of Mechanical Engineering published an Article in IPE Manufacturing News on 'IS CLARITY BETWEEN THE ENGINEERING DISCIPLINES BLURRING?'. The article highlighted the latest technological advances in Artificial Intelligence, Machine Learning, Deep Learning, Autonomic Computing, Cluster Analysis, Cognitive Computing, Data Science, Genetic Algorithm and Unsupervised Learning. The article can be accessed from the link given.

URL: <https://theeducationpaper.com/is-clarity-between-the-engineering-disciplines-blurringdr-m-s-ganesha-prasad-dean-new-horizon-college-of-engineering-bangalore/>



# ELECTRONIC CIRCUITS & IDENTIFICATION OF COMPONENTS

Online Workshop

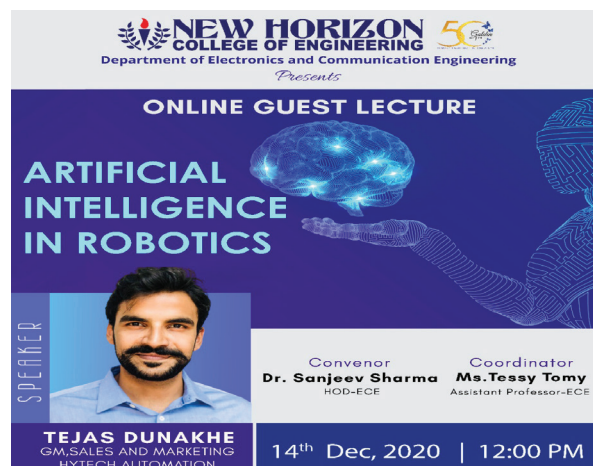


III SEM STUDENTS

The session was delivered by Mr. Parinay Lavatre Consultant, MeeChip Technology Private Limited, Bangalore. The session included the Identification of Electronic Components with a vivid description on how these components are useful in building electronic circuits. It also provoked a sense of learning interest among all the third semester students and provided a basic knowledge on electronic components. Around 192 students had participated in the online workshop. e-Certificates were provided after the end of the session.

# ARTIFICIAL INTELLIGENCE IN ROBOTICS

Guest Lecture



7th semester students

Department of Electronics and Communication Engineering conducted an online Guest lecture on **"Artificial Intelligence in Robotics"** on December 14th 2020. The speaker was Tejas dunakhe, General Manager, Sales, Hytech Automation. He focused on the history and development of robots. He discussed more on the PLC (Programmable Logic Controllers) and its usage in the field of robotics. He also gave ideas to those who has further interest to take forward their career in robotics. About 85 students attended the session.

# FINITE STATE MACHINE

Guest Lecture



III SEMESTER STUDENTS

Department of Electronics and Communication Engineering conducted an online Guest lecture on **"FINITE STATE MACHINE"** on December 21st 2020. The speaker, PRAFULLA GALPHADE, is working with Cadence Design Systems as Senior Principal Program Manager. He focused on giving a clear understanding on state machines used in digital world bringing out the importance of every terminologies used in it. He also explained the Moore and mealy state machines with various examples. Around 100 students of 3rd semester participated in the session.

# RISE OF ARTIFICIAL INTELLIGENCE & ITS IMPACT ON SOCIAL & ECONOMIC FABRIC

Guest Lecture



Ms. TESSY TOMY

Department of Electronics and Communication Engineering conducted an online Guest lecture on **"Rise of Artificial intelligence and its impact on social and economic fabric"** on December 22nd 2020. The speaker, **Mr. Kundana Lal**, is the president of company named by **Vitti Research**

**Foundation.** He focused on the history and development of Artificial Intelligence. He discussed how Artificial Intelligence is around us and how knowingly or unknowingly it is incorporated in our life. He encouraged students to look for the booming technologies under AI so that they can channelize their interest in AI. Around 120 students have participated in this.



# INNOVATIONS IN AI AND ML

Guest Lecture

**NEW HORIZON COLLEGE OF ENGINEERING**  
Department of Electronics and Communication Engineering  
In association with  
**BGIC**  
Presents  
**ONLINE GUEST LECTURE**  
On  
**INNOVATIONS IN AI AND ML**

**Convenor**  
Dr. Sanjeev Sharma | Mr. Ranjan Manish  
HOD-ECE | Head - IIC, Department of EEC, NHCE

**Coordinator**  
Ms. Tessy Tomy  
Assistant Professor-ECE

**SPEAKER**  
**MANAS DASGUPTA**  
HEAD OF WEALTH TECHNOLOGY, ANZ BANK  
CHAIR OF YOUNG BGIC EXPERT COMMITTEE

Meeting Link: <http://meet.google.com/rxk-iqxp-sff>  
24th Dec, 2020 | 02:30 PM

III and V SEMESTER STUDENTS

Department of Electronics and Communication Engineering conducted an online Guest lecture on "Innovations in AI and ML" on December 14th 2020. The speaker, Mr. Manas Dasgupta, is head of wealth Technology, Australia New Zealand Bank. He brought in real world examples to explain the fact that AI and ML is slowly embedded in almost aspect of our life. He explained about the different machine learning algorithms put in use today. Also focused on the pros and cons of every algorithm. Around 38 students attended the session

# CHAOTIC IMAGES

Guest Lecture

**NEW HORIZON COLLEGE OF ENGINEERING**  
Department of Electronics and Communication Engineering  
Presents  
**ONLINE GUEST LECTURE**  
On  
**CHAOTIC IMAGES**

**Convenor**  
Dr. Sanjeev Sharma  
HOD-ECE

**Coordinator**  
Ms. Tessy Tomy  
Assistant Professor-ECE

**Date**  
29th Dec, 2020

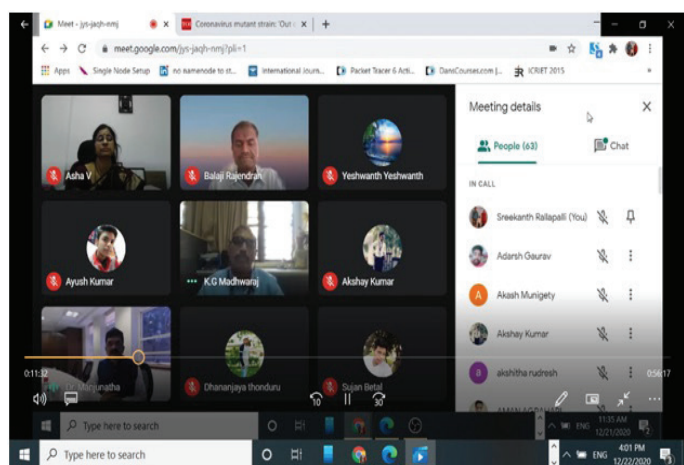
**Time**  
10:00 AM

**MS. SAUMYA AGARWAL**  
SOFTWARE ENGINEER, IDENTITY SERVICE ENGINE, CISCO

V and VII SEMESTER STUDENTS

Department of Electronics and Communication Engineering conducted an online Guest lecture on "Chaotic Images" on December 29th 2020. The speaker, Ms. Saumya Agarwal, is software engineer, identity service engine at Cisco. She focused on concepts of cybersecurity and gave hands on experience to students with different examples where she handled the concept like how a text can be hidden inside an image, another text, or an audio. she even have exercises to students which students took up challengingly. Around 20 students participated in the session

# I SEMESTER MCA INDUCTION PROGRAMME



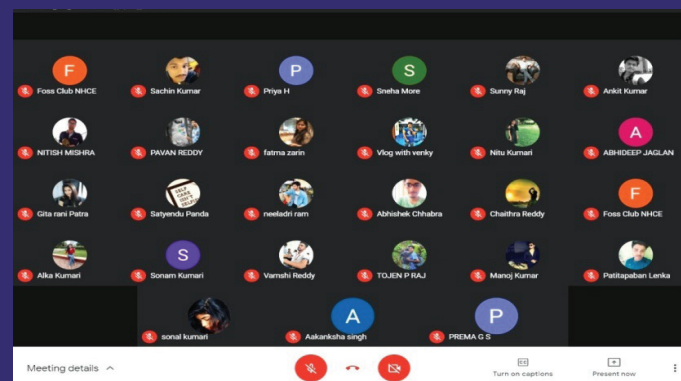
I Semester MCA Students

I MCA induction program was done on 21st Dec 2020. The welcome given by Dr. V. Asha Prof & Head and followed by Dr. Manjunatha, Principal NHCE. The chief guest Dr. R. Balaji, Joint-Director, C-DAC delivered a special message for freshers. It was quite motivating. Followed by Dr. B. Meenakshi Sundaram, Associate professor discussed about the first year curriculum framework. Then Dr. K. G. Madhwaraj discussed about the autonomous system, examination pattern etc.,

# A TECHNICAL QUIZ TITLED TECH-MINDS

By FOSS Club

"Tech-Minds" gave us opportunity to conduct different levels and rounds that dealt with technology-based questions. The entire event was precisely divided into two main rounds. Each round was planned with a purpose of letting everyone be aware of the importance of having a strong foundation in technical skills, which is mainly targeted when it comes to the industry, also with a perspective of testing each participant's knowledge about existing software and technical skills. This program stood as our successful event of this year solely conducted by the FOSS club members from Department of MCA, NHCE.

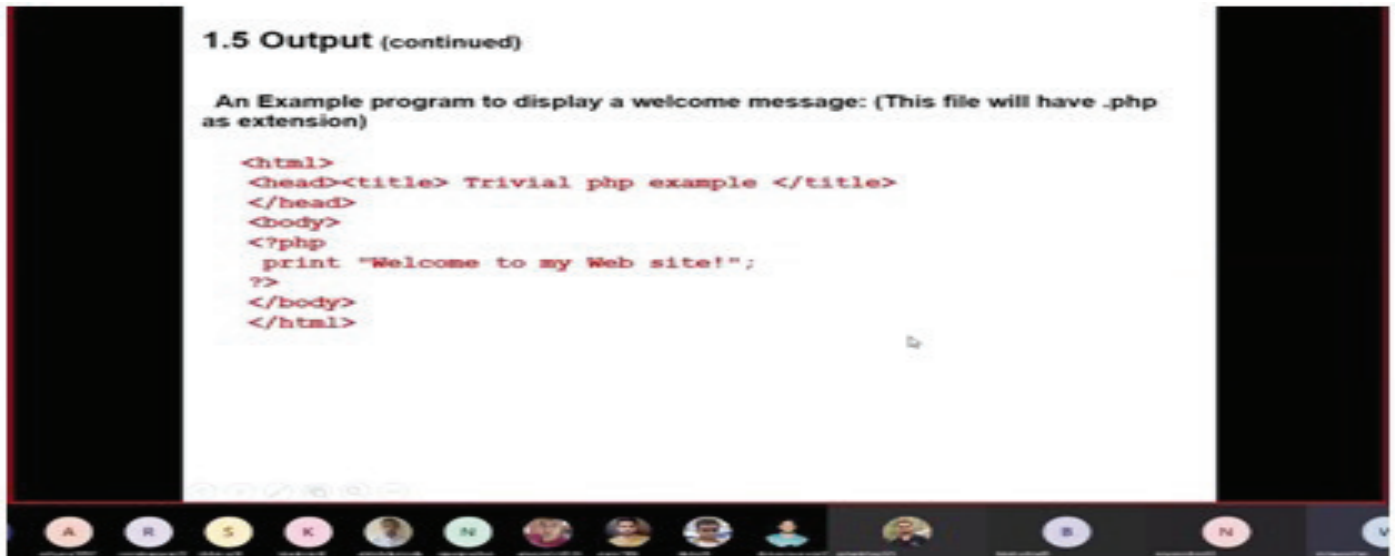


III & V Semester MCA Students



# PLACEMENT TRAINING SESSION

## Webinar



5th semester students- Only Eligible Students for EMBITEL Placement Drive

Placement Training Session for the 2021 Batch who are eligible for EMBITEL to take up the Technical Test. 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. Vishwanatha C R, 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 PHP concepts. The following topics this with hands on exercises were discussed during the session:

- Introduction to PHP, Basic concepts,
- Data types, control statements, Arrays,
- Functions, Pattern Matching,
- Form Handling, Session Tracking,
- Data base Programming in PHP

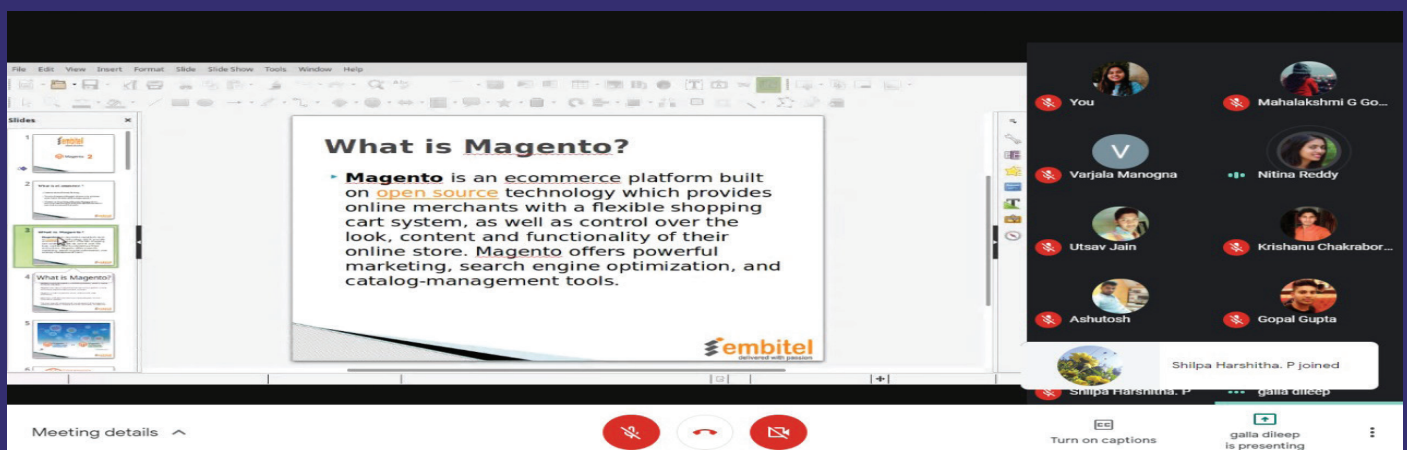
# PLACEMENT TRAINING SESSION

## Webinar

Placement Training Session for the 2021 Batch who are eligible for EMBITEL to take up the Technical Test. Training session organized by Dr. Asha V & Prof. Govindaraju M of MCA department with the support of MCA faculties. Speaker of the session is Mr. Galla Dileep Kumar, currently working with Embitel, 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 Magento concepts. The following topics this with hands on exercises were discussed during the session:

- Introduction to e-commerce
- Fundamentals of Magento
- Basic concepts including the need for Magento
- Magento Features
- Session & Cookies overview

Concluded with the tips for tackling the Technical Interview focusing mainly on Admin overview with Admin Dashboard and various methods.



5th semester students- Only Eligible Students for EMBITEL Placement Drive



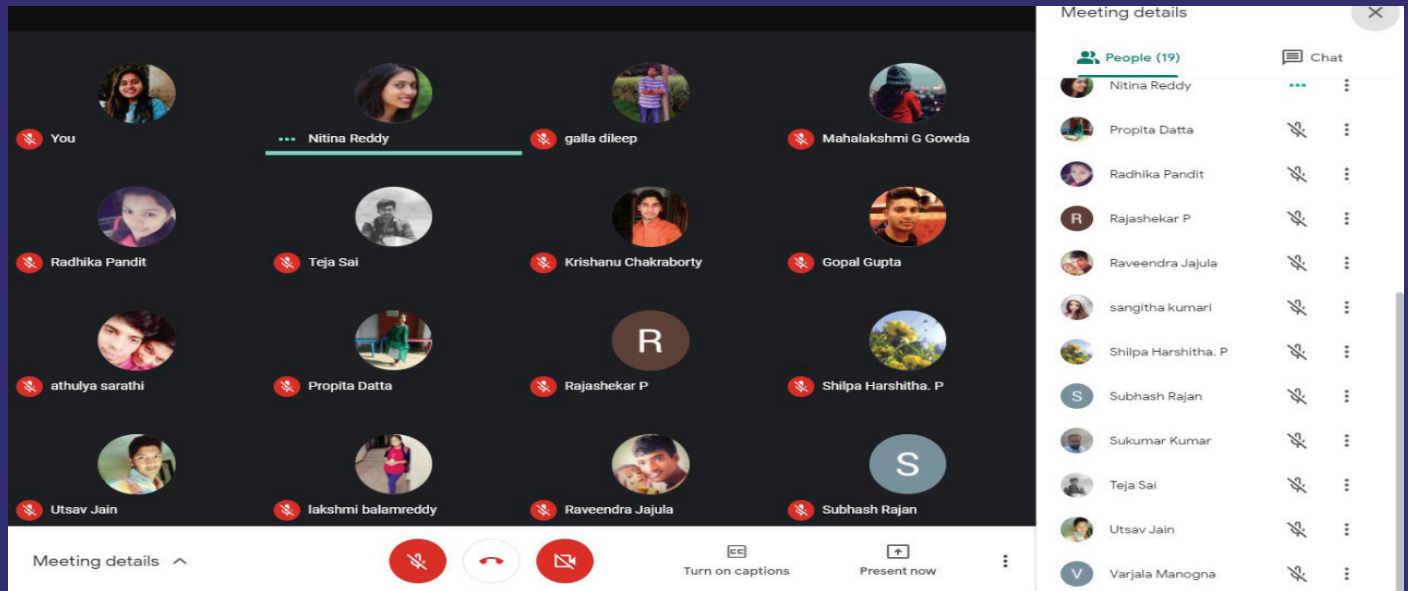
# PLACEMENT TRAINING SESSION

## Webinar

Placement Training Session for the 2021 Batch who are eligible for EMBITEL to take up the Technical Test. Training session organized by Dr. Asha V & Prof. Govindaraju M of MCA department with the support of MCA faculties. Speaker of the session is Ms. Nitina M A, currently working with Embitel, 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 Magento concepts. The following topics were discussed during the session:

- Introduction to Design and Template
- Block & Layout
- UI Components
- Products

Concluded with the tips for tackling the Technical Interview focusing mainly on Frontend overview with Design concepts.



## NATIONAL CONFERENCE (NCICT' 2020)

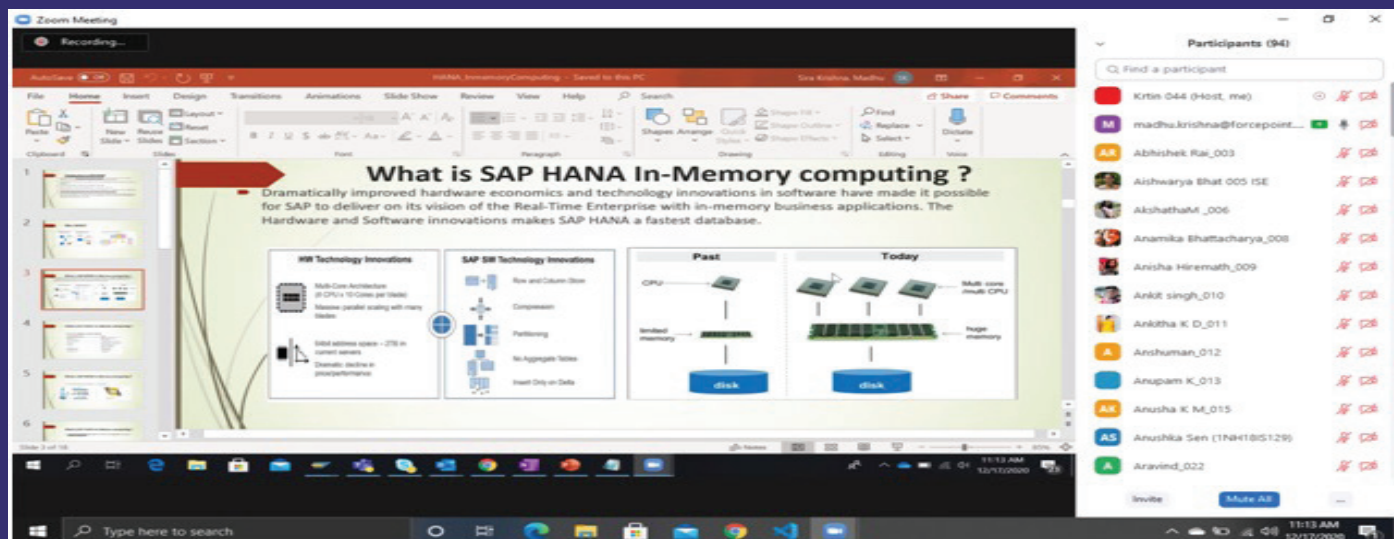


III & V MCA Students and Faculty

A National Conference was hosted on **23rd Dec 2020** with the theme recent trends on **INFORMATION AND COMMUNICATION TECHNOLOGY**. The National Conference on Information and Communication Technology (NCICT-2020) provided a common forum for deliberations, sharing of recent trends, advancements and research in the field of information and communication technologies. This conference provided a very good platform for academicians, researchers, industry practitioners and technologists to discuss and present recent advances and research outcomes in the field of Computer science.



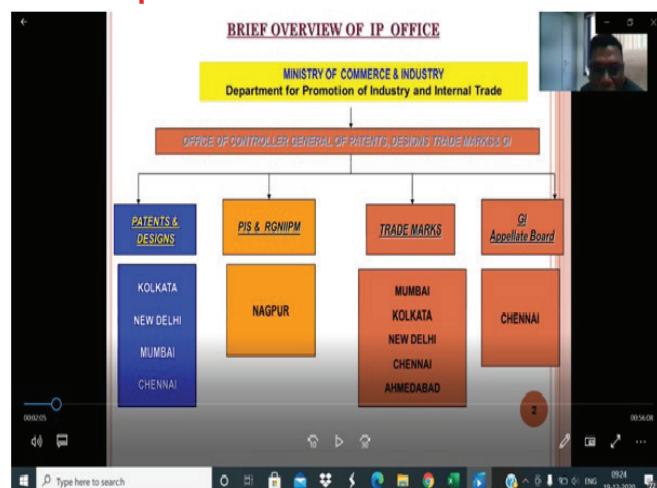
# HANA: IN-MEMORY DATABASE AND CLOUD COMPUTING Workshop



The i-SCRUM club of Department of Information Science and Engineering conducted an online workshop, "HANA:IN-MEMORY DATABASE AND CLOUD COMPUTING" on 17th December 2020 From 11.00 am to 1.00 pm for the 5th semester students of Information Science and Engineering Department via zoom meeting.

The resource person of the event was Mr. Madhu. S. K who is currently working as a Senior SAP HANA/Cloud Administrator in Forcepoint, Ltd., an American multinational corporation software company that develops computer security software and data protection, cloud access security broker, firewall and cross-domain solutions. In this interactive event, students were eager to learn how to use SAP HANA Cloud in their future projects and asked questions regarding the topic. Mr. Madhu concluded the session by advising students to take required online courses to learn more about SAP database and AWS. This online session was helpful for the students to learn the latest trends in database and cloud computing.

## IPR - PATENTS Workshop

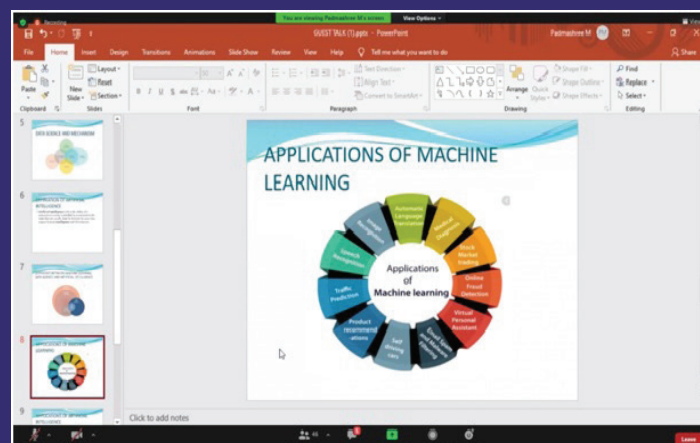


Faculty members from various engineering colleges

Department of Information Science and Engineering has conducted an online workshop on "Intellectual Property Rights (IPR's) and Patents" on 17-12-2020. Dr. Bharat N Suryawanshi, Assistant Controller of patents and Design, Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur was deputed as the resource person to conduct the same. The main area covered in the workshop was Patents, Designs, Trademarks, GI & Copyrights. Faculty members from various engineering colleges participated in the event

## ARTIFICIAL INTELLIGENCE & MACHINE LEARNING APPLICATIONS USING PYTHON Technical Talk

i-SWET(G) club of Information Science and Engineering Department has conducted a technical talk on "Artificial Intelligence and Machine Learning Applications Using Python" on 18-12-2020. Ms. Padmashree M, System Engineer, TATA Consultancy Services, Bangalore, was invited to conduct the same. She is a multi skilled professional with experience in the IT industry, specialized in Data Science and Machine learning. The students got an idea about various applications of Artificial Intelligence and Machine Learning.



# You can become a Entrepreneur

Webinar

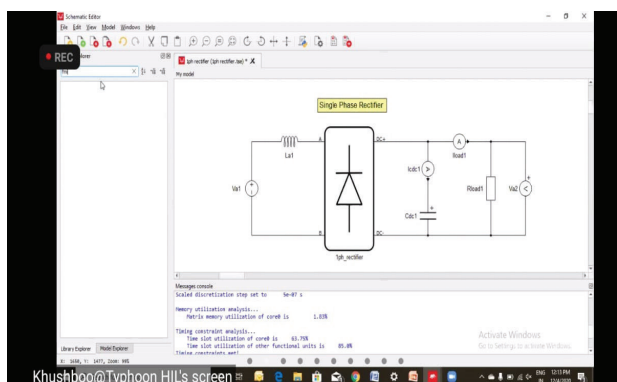


Engineering students

The department of Information science & Engineering in association with Entrepreneurship and Development Cell organized a webinar on the topic "You can become a Entrepreneur" for all the 3rd, 5th and 7th Semester Students on 24th December 2020 through Virtual platform Zoom Cloud Meetings.

The Resource Person was Mr, Manish Kumar Ranjan, Founder & CEO- Blossom Review Pvt. Ltd. Students realized that in spite of their young age it is very important for them to plan their future and dream about it, also along with dreaming how to execute each and every step to become successful. Students got to know about the various steps towards the world of entrepreneurship.

## Real-time Simulation Tool for Electrical Engineers-Typhoon HIL TWO DAYS WORKSHOP



This workshop aims to provide hands-on experience on the Hardware in the Loop (HIL) Emulator & Software. The registered participants got licensed version of Typhoon HIL software during the workshop & had an exposure to the energy applications like smart grid, renewable energy and distributed generation etc.

The workshop provided practice sessions on the HIL real-time simulation, modeling of single-phase inverter, modeling and simulation of MPPT Boost Charger & Micro Grid controllers. Session provided a platform to students to express their ideas, clarify doubts, gain knowledge and all the participants were provided with the E-certificates.

## APPLICATIONS OF SIGNAL PROCESSING

Guest lecture on



The Department of Electrical and Electronics Engineering, organized a Guest Lecture on "APPLICATIONS OF SIGNAL PROCESSING" on 11th December 2020 through NHCE ZOOM online platform for around 115 V semester, EEE students.

This guest lecture is a part of a curriculum named Signals And Systems 20EEE54 for the students. The expert Dr.Guruprasad , Assistant Professor from medical electronics engineering department, SSIT, Tumkur

The session was interactive, interacted with experts for clarifying all their doubts. Session provided a platform for students to express their ideas, clarify doubts and gain knowledge on image processing applications and which gives practical approach to their course and which motivated the students in many aspects.



# GUEST LECTURE

The Department of Electrical and Electronics Engineering, organized a Guest Lecture on **"ELECTRIC TRACTION SYSTEMS & EMPLOYMENT OPPORTUNITIES IN INDIAN RAILWAYS"** on 10th December 2020 through Google meet online platform. This guest lecture is a part of a curriculum named Utilization of Electrical Energy (EEE741) for the VII semester students. The guest speaker was Mr C.T ANTO, Electrical Executive Engineer, Indian Railways, South Western Railway, Bengaluru.

The speaker explained the practical concepts of electric traction and the traction control in Indian railways. He has given the details of employment opportunity in Indian railways which motivated the students in many aspects.

## RESEARH METHODOLOGY

### National webinar

Ph.D registered candidates and Research Scholars.

The Department of Electrical and Electronics Engineering, organized a webinar on **"RESEARH METHODOLOGY"** on 10th December 2020 through NHCE zoom online platform. This webinar was mainly organized for the purpose of Research Scholars and mainly for those who registered for Ph.D entrance exam, where research methodology (RM) is an important topic. The expert is Dr. Tapalina Bhattasali Assistant Professor, St. Xavier's College, Kolkata. The speaker explained how to carryout RM during the first course of doctorate, literature survey, types of research available, selection of field, concluding the each and every stage of research and also discussed some of the multiple choice questions on RM, which upgraded the knowledge of participants and session completed with positive feedback from participants. All the participants were provided with the E-certificates.

# VIRTUAL INDUSTRIAL VISIT FROM 400KV/200KV KPTCL

## Electric Substation



B.E EEE 7th and 5th Semester students of NHCE – 115 Students

The Department of Electrical and Electronics Engineering has organized virtual industrial visit via zoom online platform with great support of engineers from KPTCL electrical sub-station for 5th and 7th semester EEE students.

The engineers from KPTCL explained about substation view via online video platform, as a part of curriculum students are thought with transmission and distribution subject, protection equipments, transformer and Single line diagram connection of all together, which gives an practical view or idea of how actually sub-station is designed, installed and work process in sub-station.

It was an informative , interacting and interesting session from substation executive engineer, assistant and junior engineer to EEE students. The program was really needed during this pandemic. The eminent expert delivered the lecture and the talk has been very well received by the participants and nearly 240 students participated from 5th and 7th semester along with faculty and the HOD EEE.

## SOFTVIDYA ACTIVITY FROM E soft club

The Department of Electrical and Electronics Engineering has organized this program 'SoftVidya'. The main aim of the program was to understand the conceptual as well as practical knowledge of electrical domain & latest technologies being used to achieve the same. Learning various tools available for modelling & simulating different real time applications in 'Electrical & Electronics Engineering' domain. Understand the conceptual as well as practical knowledge of industrial & latest technologies being used to achieve the same.

The expert faculties of Electrical and Electronics Engineering department have voluntarily gave their precise time for the students to teach the various software tools used in real time application in 'Engineering' domain. The sessions were handled by

Dr. Vitnoth kumar, Dr.Gunapriya, Dr.Singaravelan, Dr. Prabhakaran Ms.Anitha A and Ms.Deepa V B on various software. The event was organized by Ms. Deepa V Bolanavar and Dr. Vinoth Kumar S under E-Soft club and coordinated by following student members of the club.

Md. Sagar Khan-Vice President, Ashwini L B-Treasurer  
Md. Numan Bhat-Core Member, Sarthak Das-Core Member  
Prajwal- Core Member, Utkarsh K A- Core Member  
The event was successfully completed. All the participants were provided with the E-certificates.



**NEW HORIZON**  
COLLEGE OF ENGINEERING  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA  
New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103



**50**  
Golden  
Jubil  
Years of Excellence in Education



**IEEE**  
NHCE  
STUDENT COUNCIL



**ISTE**  
INSTITUTE OF  
TECHNICAL EDUCATION

**Department of Electrical and Electronics Engineering**  
**E-Soft Club Presents A 9 Days Crash Course**  
*"SoftVidya"*  
**From 11<sup>th</sup> November, 2020**

**OUTCOME**

- Understand the conceptual as well as practical knowledge of electrical domain & latest technologies being used to achieve the same.
- Learn the fundamentals of real time softwares & platform to work on.
- Learning various tools available for modelling & simulating different real time applications in 'Electrical & Electronics Engineering' domain.

**Abstracting the Electrical World**

**Dr. M Mahesh**  
Professor & HoD-EEE

**Event Schedule:**  
11<sup>th</sup> Nov to 16<sup>th</sup> Dec from 04.00 pm to 05:30 pm

**Registration Details:**  
Link - <https://forms.gle/dgnwHL9wMj9d2qCY6>

**or Scan**



**No Registration Fee**  
Students from any year, any dept & any college can register

**Perk:** Certificate of Completion(based on attendance)

**Event Organizers:**  
Faculty Coordinators: Ms. Deepa V B-8884425336  
Dr. Vinoth Kumar K-9944808092

**Student Coordinators:**  
Md. Sagar Khan, Esoft Club-8942916221  
Md. Numan Bhat, Esoft Club-8861841901  
Sarthak Das, Esoft Club-9900787967  
Prajwal, Esoft Club-9535931890  
L.Ashwini B, Esoft Club-9850345281



## 'GREEN FEST-2020'

### Green Energy Club of EEE

The Department of Electrical and Electronics Engineering has organized this program to bring out the best of the participants, to acquire knowledge on various topics and enhance the participants' communication skills, creative skills and their knowledge about various locations. Four events were planned POSTER MAKING, DECIPHER, WHERE AM I??, THOUGHT BULB. Around 150 participants participated for the two days event. The event was inaugurated by HOD, Dr. M Mahesh in the presence of faculty and coordinator Mr. Vinod Kumar S and all the participants. The event was hosted by Soumyashree, Shariq Ahmed and Likitha, members of the Green Energy Club.

### The winners of the POSTER MAKING Handmade:

1. Deepak Yadav - M39
2. Harshita Mahapatra - P14
3. Vimarsha Rudresh - M32

### Decipher:

1. Sabreesh S - 1NH18AU047
2. Vishwas K - 1NH19EC757
3. Jennifer - 1NH19EC044

### The winners of WHERE AM I??:

1. Swathi R - 0-04
2. Ankita tandon - 1NH18CS023
3. Shivini Sampath - 1NH18CS745

### The winner of THOUGHT BULB:

1. Jennifer - 1NH19EC044
2. Akangsha Das - I-13
3. Shruti Singh - M19 & Swati R - 0-04

The event was successfully completed. All the participants were provided with the E-certificates. This event engaged the students in a fun filled activity and also helped them bring out their thoughts on the environmental issues and the current affairs.



**NEW HORIZON COLLEGE OF ENGINEERING**  
Autonomous College, Affiliated to VTU - Approved by AICTE New Delhi & UGC  
Accredited by NBA, ISO 9001:2015, ISO 14001:2015 & Accredited by NBA

**Center for life skills and lifelong learning**

IS PLEASED TO INVITE OUR GUEST

**COL DHEERESH TRIPATHI**  
FOUNDER DIRECTOR  
CADETOINDIA TRAINING SOLUTIONS

**WILL SPEAK ON "21ST CENTURY SKILLS FOR FRESHERS"**

For MCA-B students on 1st Dec at 2.00 to 3.30pm.  
And on 2nd Dec at 11.00 to 12.30 pm for CSE-C students

Thanking you in anticipation and looking forward to connect online.  
Team CLSLL

### Guest Speaker –

## COL DHEERESH FOUNDER DIRECTOR, CADETOINDIA

### Topic : 21st century skills

Col Dheeresh inspired the students to be resilient and take on pressures of student life head on and positively progress towards excellence. The 4Cs – Collaboration, Communication, Critical thinking and creativity were discussed. The training needs of the students were captured on a Google form and were addressed during the session. The students have found great value in these sessions and have asked for repeat of such extracurricular events.

## The Guiding Voice podcast

### 'Effective Communication' by Dr.Sowmya Narayanan

The Guiding voice is a podcast for various educational and business aspects that reaches out to the wider audiences across the spectrum. Dr.Sowmya Narayanan, HOD, Center for Life skills and Lifelong learning was invited to be the guest speaker on their 46th episode. She inspired the audience with her crisp stories on communication skills and ways to mastering them. She shared invaluable tips to the students and professionals to up skill and explore their talents in oral and written communication .She inspired them to showcase their acumen by being productive communicators.

**19 Dec, 2020**

Dr.Sowmya Narayanan, Head of Center for life skills and Lifelong learning, NHCE delivered a lecture on **"Pedagogy of the 21st Century"** as part of a Two Week AICTE Sponsored Online FDP on **"Imparting Outcome Based Education in Technical Institutions and NBA Accreditation Process"** on 19.11.2020 @ 2.00pm.

**THE GUIDING VOICE**

**TGV EPISODE**  
**46**

**SOWMYA NARAYANAN**

**EFFECTIVE COMMUNICATION TIPS**

**Sowmya's Tips!**

**TGV Episode**  
**46**

- ✓ What is effective communication?
- ✓ Importance of effective communication
- ✓ Oral vs Written communication - Which is suitable for what?
- ✓ What makes someone a great communicator?
- ✓ How to improve communication skills?
- ✓ Untold stories about effective communication



*Dr.Sowmya Narayanan , Head of the Dept. Center for Life skills and Lifelong Learning , New Horizon College of Engineering , Bengaluru will speak on : "Pedagogy of the 21<sup>st</sup> Century" as part of Two Weeks AICTE Sponsored Online FDP on "Imparting Outcome Based Education in Technical Institutions and NBA Accreditation Process"*

**on 19.11.2020 @ 2.00pm.**

## SHORT EDUCATIONAL MOVIE MAKING

The students of 3rd sem of computer science, Electronics & Communication & Mechanical Engineering were invited to showcase their talents in making short educational movies. The topic given was the 21st century skills and the option of speaking to an industry expert was also given. We are happy to note that this was a good experience for all of the batches (CSE – A, B, C, D sections / ECE – A, B, C & ME A & B sections). The students of ECE A & B and CSE – C have made commendable efforts and showcased their skills in particular. Their creative instincts and teamwork is evident in the movies which would be available on the college website under life skills department. Don't miss to watch the future story tellers and movie makers in those fluently fabulous videos.

The CSE-C sections led by Prakruthi had Maj Deepak Raj, Chief Instructor & Transformational Coach, Indus School of Leadership as their industry expert and the team led by Pragati & Pragya had Col Promit Gangadharan, Sr.Project Manager, Wellsfargo.





## Student Credits

Batch	Name	Batch	Name
ECE-C	Sahana Kulkarni	CSE-C	Pragati Subhadharshine
ECE-C	Tanushree Kumbhare	CSE-C	Pragya Goel
ECE-C	Nanditha	CSE-C	Pranav
ECE-C	Shanika	CSE-C	Rakshitha
ECE-C	Preetisree	CSE-C	Prakruthi
ECE-C	Gnapika	CSE-C	Rahmath Mohis
ECE-C	Vishwas	CSE-C	Roshini
ECE-C	Stephen	CSE-C	Rakshith H R
ECE-C	Gopichand	CSE-C	Swetha
ECE-C	Subramanyam	CSE-C	Raj Sagar
ECE-C	Vinay		
ECE-C	Rishab		
ECE-C	Mourya Nikhil		

## TEAMWORK VIDEO MAKING ON VARIED TOPICS

The enthusiastic 1st sem students have been encouraged to make videos on various topics of their choice. This has been an ongoing event right from the start of the online sessions with the start of these new batches of engineering students. They have all responded well and participated with great aplomb. This time we present 2 videos :

- 1.Book review and reader inputs ' 7 habits of highly effective people ' by Stephen R Covey ( more than 25 million books sold and one of the most impactful books of the 21st century).
- 2.Expectations vs. Reality.

These videos would be available in an edited form on NHCE website under Life skills department.

## Student Credits

Sec	Name	Sec	Name	Sec	Name
O	Rishikesh Panicker	O	Sukriti Sneha	O	Debirupa Sen
O	Advait Madhavan	O	Angelika Sahoo	N	Dharmik Shetty
O	Sai Sourabh	O	Akshath Shaji	N	Amiya Anand



BSH - Chemistry - O sec - From left : Rishikesh, Advait, Sai Sourabh & Debirupa

# PUBLISHER & EDITORIAL TEAM

**Publisher:** Dr. Mohan Manghnani

Chairman, New Horizon Educational Institution

## **Editorial Board:**

Dr. Manjunatha, Principal, New Horizon College of Engineering

Dr. Bodhi Satvan, Principal, New Horizon College, Marathalli

Dr. Sunita Hangal, Director, New Horizon College, Kasturinagar

Dr. Sunita Hangal, Principal, New Horizon PU College, Kasturinagar

Dr. Savita Puri, Principal, New Horizon College of Education

Mr. H. N. Surya Prakash, Registrar, New Horizon College of Engineering

Prof. Gurucharan Singh, Director - Training & Placement

Mr. Adarsh Navale, HOD - Branding

Mr. Harish Prabhakaran, Head - Digital Marketing

Ms. Manjula V, Director - HR

**Editor:** Dr. K.G. Madhwaraj, Professor, Department of MCA

**Alumni Coordinator:** Mrs. Jincy C. Mathew

**Student Editor:** Mr. Md. Yasin, V Sem, MCA

Mr. Narendar Nath Jha V Sem, ISE

**Designer:** Mr. Charan Theja

**Photographer:** Mr. Ashok S