

A laurel wreath is depicted in a dark blue color, curving from the top left towards the center of the page. It is partially overlaid by a large, semi-circular shape that is dark blue with a red border. The background of the entire page is a grayscale photograph of a large, multi-story building with many windows, likely a school or university building, with some trees in the foreground.

# NH *Bytes*

A MONTHLY PUBLICATION BY  
**NEW HORIZONITES**

**NOV 2021**

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# ALUMNI TALK ON “THE FUTURE BELONGS TO THOSE WHO BELIEVE IN THE BEAUTY OF THEIR DREAMS”

The Keynote speaker for the session was Ms. Neha Jacob, 3D Designer at BIM department, Atkins. Ms. Neha Jacob is an alumni of New Horizon Engineering College. Today, the student's major concern revolves around the placement and its preparedness. We have certainly come a long way in terms of progressing technologically and economically, however, student community is not fully aware about the opportunities in the outside world in their stream. It is high time that we start taking our career options seriously. Neha's talk was an eye opener to many and students thoroughly enjoyed the session.



## ALUMNI TALK ON “DEMYSTIFYING BUSINESS INTELLIGENCE”

Department of Electronics and Communication Engineering conducted an alumni talk on “Demystifying Business Intelligence” on 8th November 2021. The speaker Mr. Anoop V K, is one of the alumni students of ECE department (Batch-2002-2006). He is Business Intelligence (BI) professional with over 15+ years of experience. He is a BI consultant, Founder at PublicBI UG, Munich and Author of Business Intelligence Demystified Book. He is currently working on enhancing the PublicBI EU Proc solution. He had given insight on Business Intelligence and also discussed about the solution using which general public and businesses can easily find trends, patterns, correlations and anomalies in EU public Procurement and improve the quality of Data. The audience were fifth semester students. Students interacted with alumni at the end of the session by taking suggestions and clarifying doubts on various aspects of Business Intelligence. The session was overall very informative.

**NEW HORIZON**  
COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
*Presents*  
**Alumni Talk**  
*on*  
**DEMYSTIFYING BUSINESS INTELLIGENCE**  
SPEAKER  
  
**ANOOP KUMAR V K**  
BI CONSULTANT,  
FOUNDER AT PUBLICBI UG, MUNICH  
(NHCE, Batch 2002-2006)  
CONVENOR  
DR. SANJEEV SHARMA  
HOD-ECE  
COORDINATOR  
Ms. ISHANI MISHRA  
Senior Assistant Professor

## ONLINE GUEST LECTURE ON “INTRODUCTION TO MSP430 MCU AND NODEMCU ESP8266”

**NEW HORIZON**  
COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
*Presents*  
**ONLINE GUEST LECTURE**  
*On*  
**INTRODUCTION TO MSP430 MCU AND NODEMCU ESP8266**  
  
**RESOURCE PERSON:**  
**S. Lokesh,**  
CTO, Ekalavya Group of Technologies, Tirupathi  
20-11-21 @ 2:30PM  
CONVENOR  
DR. SANJEEV SHARMA  
HOD-ECE  
FACULTY COORDINATOR  
DR. RAJESH K.  
ASSOCIATE PROFESSOR, ECE  
MS. IISSV TOMY  
ASSISTANT PROFESSOR, ECE

Department of Electronics and Communication Engineering conducted an online Guest lecture on “Introduction to MSP430 MCU and Node MCU ESP8266” on November 20th 2021. The speaker, S. Lokesh, is working with Ekalavya Group of Technologies, Tirupathi as Chief Technical officer. He focused on the mixed signal processors. He discussed about the different register set, the instructions it supports, the interrupt concepts, brought out the meaning of RISC and CISC controllers. He related the functioning of such processors and controllers in embedded systems. He detailed different application based on these controllers. About 110 students of 5th semester attended the session.



# COMPUTER SOCIETY OF INDIA – STUDENT CHAPTER

Department of Computer Science & Engineering organized the inaugural ceremony for "Computer Society of India- Student Chapter" for the academic year 2021-2022 on 27/10/2021. The Chief guest for this inaugural function was by Dr. Anbunathan, Ex-Chairman, CSI Bangalore Chapter. All 3rd semester students of CSE, ISE and MCA were present for this program. Dr. Manjunatha, Principal, NHCE delivered the Presidential address. This student chapter will conduct workshops / seminars / hackathons / coding contests for the students during the current academic year.



## PRAYUKTI

Department of Computer Science & Engineering has organized the event named "Prayukti" under Mobile Development Club on 26/10/2021 at 10.00 AM. The session will be conducted in A007 & A008, also in falconry for different rounds.

There were 3 sessions at the event.

**Session 1: Quiz It**

**Session 2: Buzz It**

**Session 3: Battle It**

The outcomes of the event were to utilize the information and skills imbibed within this program, to gain awareness for designing mobile applications, and to deliver effective presentation skills. The intended audience was students who are interested in mobile application development belonging to any branch of NHCE.



## ENTREPRENEURSHIP AWARENESS PROGRAM

The Department of Computer Science & Engineering organized Entrepreneurship Awareness Program for 3rd Semester students on 27/10/2021 from 10.00 AM to 12.00 PM. Students from the 5th Semester of the CSE department were the resource persons for this event. Mr. Gagan Prakash, 5A (An Entrepreneur, Founder- Pro-coder) and Mr. Jaikishan, 5C (An Entrepreneur, Founder- Beta Console) shared their experiences and motivated the students. Key topics of the event were how to figure out our ideas to start a startup and the support of the ED Cell of NHCE. A total of 240 students participated and benefited from this session.



## DATA MINING ALGORITHMS



The Department of Computer Science and Engineering organized an Expert lecture on the topic "Data mining Algorithms" for 5th-semester students on 11/11/2021 from 10.00 AM to 12.00 PM. The resource person Ms. Deepa D, Data Scientist at Rubixe Technologies, Bangalore addressed the session. Key topics of the event are: What is Data mining, uses of it in real-time applications, what are the different types of mining methods applied, and what are the different types of algorithms and Practical approaches by solving it using Jupyter Notebook with real-time Dataset and Interpreting and Explained the Results and Accuracy of the Algorithms. Total 112 Participants benefited from the Event.

## ALUMNI TALK ON “ENTREPRENEURSHIP & START-UP OPPORTUNITIES”

The Department of Computer Science and Engineering in association with the CSI Student chapter organized “ALUMNI TALK” on 28th Oct 2021, 02 – 04 PM. The alumni speaker for the event was Mr. Prabhat Kumar Prasad, a graduate of the 2018 batch. He is the Co-Founder of Marmeto, a million-dollar revenue company. He addressed the final year students and selected students of the 2nd and 3rd years. He spoke about his journey of success and guided students with the skillset required to become a successful entrepreneur. The session was interactive, and students wanted to explore more on the opportunities of having a start-up. A total of 140 students attended and benefited from this event.



## WORD WARS – TECH DEBATE

The Department of Computer Science and Engineering organized the event ‘Word Wars’ on 12/11/2021. It was a Deliberation event where the participants had to share their views for or against the provided agenda. The event consisted of two rounds, WordWar-1 and WordWar-2. In the first round, participants had to perform solo and the second round was a group deliberation/debate. There were 3 winning teams and 2 titles of ‘Best Debater’ and ‘The Overcomer’ were awarded. The event went smoothly and there was an environment of competition and debates. The event was well organized, interactive and all the participants really enjoyed their time and took away some key tips on how these fields can be approached and how to prepare and tackle them easily.



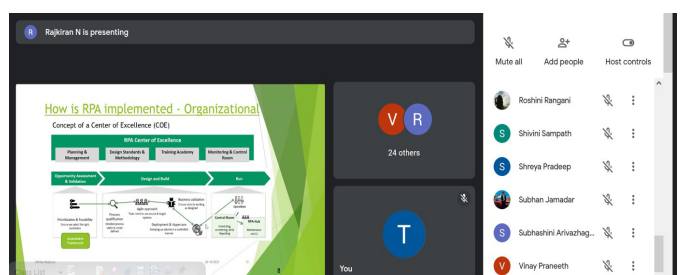
## WORKSHOP ON “INTRODUCTION AND HANDS ON TO ROBOTIC PROCESS AUTOMATION”

The Department of Computer Science and Engineering organized one day workshop on “Introduction and Hands on to Robotic Process Automation” on 29/10/2021. Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate human actions interacting with digital systems and software. The resource person of the workshop was Mr. IG Kevin Christopher, RPA Consultant Infotech. The entire workshop will focus on important aspects of RPA and resource person. Around 50 participants took part and benefitted from the workshop.



## WORKSHOP ON “ROBOTIC PROCESS AUTOMATION – A CASE STUDY”

The Department of Computer Science and Engineering conducted a workshop on “Robotic Process Automation – A Case Study” for the CSE students on 30th October 2021. The speaker of this program was Mr. N. Rajkiran, Senior RPA Consultant, Fifthnote, Bangalore. The session was about the introduction of RPA. He discussed the requirement of RPA and its importance in real-time applications. He demon-





strated the RPA challenge work scenarios. 60 participants including 3rd /5th /7th Sem B.E students and faculties from CSE have attended the session and got benefited.

## ALUMNI TALK ON "PLACEMENT AND INDUSTRY NEEDS"



The Department of Computer Science and Engineering in association with the CSI Student chapter organized "ALUMNI TALK" on 12th Nov 2021, 3:00 PM – 4:30 PM. The invited speaker for the event was Mr. Sai Shankar, a graduate of the 2018 batch. He is currently working as a Senior Software Engineer at Accolite Digital. He addressed the pre-final year students who will be facing placement drives soon. He spoke about his journey of success and guided students regarding the requirement of skills to become an IT professional. He motivated the students and guided them regarding how to face the placement drive confidently. The session was interactive, and students wanted to know more about the industry requirements. A total of 75 students attended and benefited from this event.

## ENTREPRENEURSHIP START-UP IDEA HACKATHON

The Department of Computer Science and Engineering organized an Entrepreneurship start-up Idea Hackathon for CSE students on 12/11/2021 from 2.00 PM to 4.00 PM. Students from the 5th Semester and 7th Semester were the Judges: Mr. Gagan Prakash, 5A (An Entrepreneur, Founder- Procoder) and Mr. Jaikishan, 5C (An Entrepreneur, Founder- Beta Console) and Ms. Bhavana K, 7-C. Participants have presented their ideas as a product, societal impact of their products. Totally 16 teams participated and 3 teams were awarded 1st, 2nd, and 3rd places.



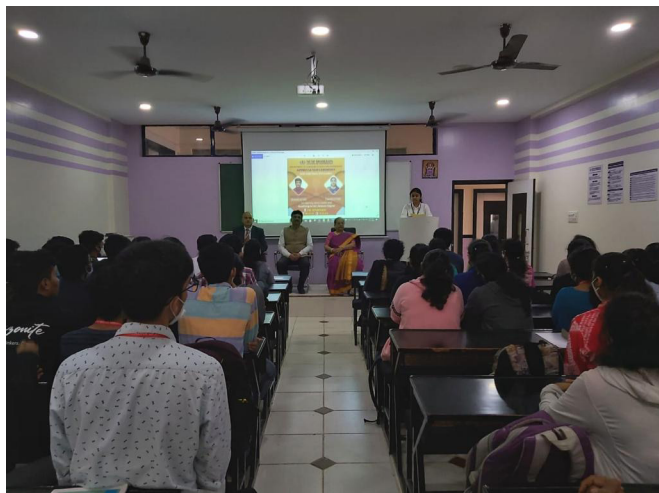
## SOFTWARE AUTOMATION AND DEVOPS



The Department of Computer Science & Engineering organized an Expert Lecture on the topic "Software Automation and DevOps" for 7th-semester students on 19/11/2021 from 12.00 PM to 12.00 PM. Resource person Mr. GopalKrihnan Sriraman, Lead Performance CI in Philips, Bangalore addressed the session. Key topics of the event were: Types of Automation happening in IT and Ecommerce companies, Different Cloud Services-SAAS, PAAS,

and IAAS, what are Microservices, how is AGILE implemented and History of it, Life Cycle of a software, what is DevOps, its Operations, Development stages, Challenges. Total 66 students participated and benefited from this talk.

## APPRECIATION CEREMONY 2018-2022 BATCH(175 CREDITS)



Department of Computer Science and Engineering organized an Appreciation Ceremony 2018-2022 Batch (175 Credits) for earning extra credits and qualifying for B.E Honours Degree, on 19-11-2021 at 11:00 AM in A114.

Faculty members of the CSE department and 50 students attended the event, which included 5 students from each section of the 3rd semester and 22 students who registered for BE Honours Degree 2019-2023 Batch. Dignitaries present were Dr. Manjunatha Principal, Dr. Amarjeet Singh Dean Academics, and Dr. B. Rajalakshmi HOD CSE. Two students Mr. Rahul Dinesh (INH18CS738) and Atreyee Mohesh (INH18CS708) were given a citation by the Principal for their hard work and efforts. Both of the students shared their experiences and gave tips and motivation to their juniors. Rahul is awarded NPTEL Superstar and NPTEL

Enthusiast and Atreyee were awarded NPTEL Enthusiast and NPTEL Believer by Swayam-NPTEL. All three dignitaries spoke about the importance of the B.E. Honours Degree and congratulated both for achieving their goals within a short period.

## TECHNOPHILIA

Department of Computer Science & Engineering has organized the event named "TECHNOPHILIA" under Mobile Development Club on 19/11/2021 at 1:50 PM at A116 and A115. There were 2 rounds in this event.

First Round: Brain Twister

Second Round: 45.6

The first-round quiz included topics related to technology and Aptitude. Twenty students were selected for the second round which contained App technology-related questions. For the final part of round 2, the top 7 performers were selected to test their pattern coding skills. Winners were selected \ based on performance. A total of 100 students attended this event. 1st place was grabbed by Mr.

Jayavibhav NK, USN-INH20AI035, 2nd place by Mr. Gagan P, USN- INH19CS052, and 3rd place by Mr. Nikhil Ravi, USN-INH20CS141.



## "SPARE A WATT, SAVE A LOT" – ENERGY CONSERVATION CAMPAIGN



Department of Electrical & Electronics Engineering conducted the Energy conservation campaign titled "Spare a watt, save a lot" by Green Energy Club, at Government school, Marathahalli. To educate the school students regarding importance of Energy conservation and its impact on the society.

Around 38 club members educated around 230 students of the school from first standard to seventh standard of the school.

The fundamental feature of this event by Green Energy Club was to bring familiarity with Energy Conservation among the school students by directing them to involve in the act of utilizing less energy by different strategies and encouraging



them to save energy. The team was divided into seven groups, and each group was connected with classes separately. The presentation of Energy conservation included both English and Kannada languages for better understanding. All the students were very energetic and interactive throughout the session. At the end, a stationary kit was distributed among the students. Overall, it was a learning experience for the students of the school as well as for those volunteering. The event was concluded by a vote of thanks by the president of Green Energy Club, Bindhu V. The event was organized successfully with the support of our faculty coordinators, Mr. Vinod Kumar and Ms.M.. Karthika. And a Special thanks to our beloved Head of the Department Dr. Mahesh M for his continuous encouragement towards this event.

At the end of the event, School students realized the Energy conservation and its impact in modern energy scenario and gained knowledge about Energy saving methodologies.

## **“INDUSTRIAL VISIT- RAJAMNE AND HEGDE SERVICES PVT LTD, TUMKURU”**



The Department of Electrical and Electronics Engineering has organized industrial visit with support of engineers from Rajamne and Hegde services Pvt Ltd, Tumkuru for 5th sem EEE students. The bus transportation facility was provided by NHCE to Tumkuru.

The engineers from the company provided a platform, as a part of curriculum students are thought with testing and commissioning of electrical equipments before installation.

The company have the repair station for all the costumer motors and generators come in the company for rewinding and repairing. Even the motors and generators are opened up and cleaned up for further processes.

The company also does some tests such as heat resistant tests for outdoor AC machines. The machines came for repair can be subjected to dynamic balancing also, a way of balancing machines by rotating parts quickly and measuring the imbalance using electronic equipment. The imbalance measured can then be corrected by adding or subtracting weight from the rotating parts until the vibration is reduced. The company provides internship for around 15 electrical students every year. The customers are from all over India and other few countries also.

The visit was organized with the support of faculty coordinators, Ms.Gunapriya B and faculty who took in charge the visit are Ms.Rashmi N, Ms.Deepa VB, Mr.Satishkumar, Mr.Vinodkumar and lab instructors. A Special thanks to our Head of the Department Dr. Mahesh M for his continuous encouragement.

# U CREATE CLUB UNDER DEPARTMENT OF EEE AND ED CELL ORGANIZED “THINK LIKE AN ENTREPRENEUR”

Developing an entrepreneurial mindset is all about altering your perspective: No matter how long you've been in business, you're starting it anew today.

The Speaker, Mr. ALOK SONI, Ex – Yourstory, Khyaal Bangalore. Alumni from , Bits Pilani.

He introduced the different aspects of entrepreneurship and emphasized that zeal and great idea are the only ingredients in a recipe for business startup. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sectors so as to minimize the risk. Also highlighted other startups success their views and planning that took over the markets , spoke about the Skills required by a successful Entrepreneur.

At the end of the event, students were able to

- Think like an Entrepreneurship.
- Promote their ideas and innovation into a business model.
- Take necessary action for their start-up.
- Study case studies details of successful young Entrepreneurs.
- Think pragmatic idealism.
- Understand the ecosystem in India.

It was found that the guests lecture as an excellent event and found the information imparted to them as relevant. None of the students expressed their dissatisfaction towards the event organized in falconry hall, NHCE.



## EXPERT TALK ON LATEST UPDATES ON AI/ML/DS

Odometry Performance

- State-of-the-art LiDAR odometry realised on-vehicle from 128-channels
- LOAM: Lidar Odometry and Mapping in Real-time (error: ~2-4%)

Khalid's screen

The Department of Information Science and Engineering has conducted an online expert talk on the topic “Latest Updates on AI/ML/DS” for the 5th and 7th semester students on 30th October, 2021. The expert speaker, Mr. Khalid Ismail, was invited to conduct the same.

The Speaker, Mr. Khalid Ismail has a PhD from the University of Leeds, UK. He was a Research Fellow at the University of Leeds, UK, Post-doctoral Research Assistant at the University of Bath, UK, Assistant Professor at the Menoufia University, Egypt, Research Fellow at the University of Nottingham, UK, Research Associate at the Durham University, UK and is currently a Lecturer (Assistant Professor) at the Birmingham City University, UK. He is also the co-founder of the Arablycos, a company specialized in web services.

The following topics were covered during the session:



Introduction to Data Science  
 History of AI  
 What is AI?  
 What is Machine Learning?  
 Scene Understanding to support Autonomous Driving  
 Real time object detection and attribute estimation  
 Odometry Performance

The outcome of this program is that the students were provided good knowledge about the latest updates on AI/ML/DS and post-study opportunities in the fields.

## WEBINAR – VIGYAN UTSAV

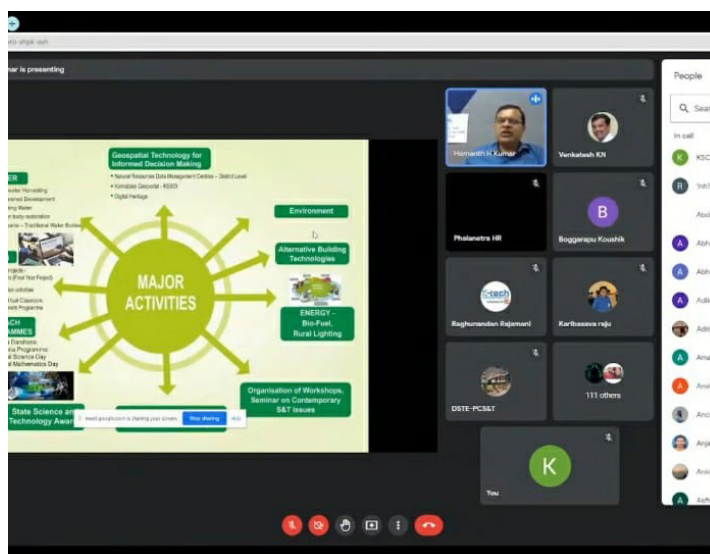
The Department of Information Science and Engineering of New Horizon College of Engineering attended a webinar named VIGYAN UTSAV on R&D Infrastructure on the 11th of November 2021 with total attendees of 180 students. The event started at 10.30 AM, commencing with various speeches and went on till 12:30 PM. The webinar was conducted by KSCST, Mr. H Hemanth Kumar, Dr. Raghunandan Rajamani, Dr. Rohit Kumar H.G., Shri Jitendra J Jadhav, Prof. Biswajit Paul, Prof. Vidhyadhiraja N.S, Mrs. Anjani were involved in this. The entire webinar was divided into six phases with the following objectives

Showcasing the R&D Infrastructure of the State and policies towards its utilization.

Need for development of R&D Infrastructure and its role in industry and economic growth.

Showcasing the policy of the state in Shaping Regional and Local Ecosystems

The sessions will reflect the importance of R&D infrastructure of the State, gaps in industrial requirements in terms of R&D Infrastructure and the need of industry academia collaborations. Students of 5th semester attended the workshop and had a knowledgeable session. They understood the



importance of future scope and research in this domain. The speakers also emphasized the required skill set for advancement in this domain. The webinar ended with a positive note enriching the students to work towards the vision of Atmanirbhar Bharat.

## CODE-O-FIESTA



i-CSEH students club, Department of Information Science and Engineering conducted an interdepartmental event "Code-o-Fiesta", on 17th November 2021. The event was held for the students across the departments of NHCE. The event comprised of three rounds, the first round being a tech-quiz round, Rendezvous. It had 20 questions each for 30 seconds. In the second round the participants played Pictionary where they had to draw and identify technical words. Each participant was given 60 seconds to find the word. The third round being the coding round gave the final glimpse of what the students who qualified were capable of. A few problem statements were given and the qualifiers were to find a solution to it within a span of 30 minutes.

# INCIDENT BRAINSTORM

NOTE club of Department of Information Science and Engineering conducted technical event "INCIDENT BRAINSTORM" on 19th November 2021. The event was held for the students across the departments of NHCE, where 56 students participated in the event which consisted of three rounds – Quiz it, Clash of code, Squid games. The Round 1- Quiz it, was an online multiple choice round where the participants were given 20 multiple choice questions to be solved in a given time of 30 minutes. Total of 26 participants were selected from this round who would further compete in the Round 2-Clash of code. But only 8 participants made it to Round 3-Squid a game which was a fully coding round. Finally the top 2 participants were declared as winners of the event.



# TECH UMANG

i-SCRUM students club, Department of Information Science and Engineering conducted an interdepartmental technical event "TECH UMANG-embrace the tech-madness", on 16th November 2021. The event was held for the students across the departments of NHCE. Event consisted of two rounds: 1st round: Tricky Treats and 2nd round: Treasure seekers. 103 teams participated in the event where each team having 2 students.





# ALUMNI TALK

Department of Management Studies, NHCE organized an Entrepreneurship Development program for the students of 3rd sem MBA. It was indeed a very informative and good session on entrepreneurship development where both the speaker put up their thoughts, ideas, real life experiences and situations in a very beautiful manner.

The banner features the New Horizon College of Engineering logo at the top, followed by the text 'NEW HORIZON COLLEGE OF ENGINEERING' and 'ENTREPRENEURSHIP DEVELOPMENT CELL & NEW HORIZON CENTRE OF INNOVATION, INCUBATION AND ENTREPRENEURSHIP'. Below this, it says 'In Association With' and lists several departments: CIVIL ENGINEERING, ELECTRONICS AND COMMUNICATION ENGINEERING, ELECTRIC AND ELECTRONICS ENGINEERING, MECHANICAL ENGINEERING, and MASTERS IN COMPUTER APPLICATIONS. The main title is 'ENTREPRENEURSHIP DEVELOPMENT PROGRAM' followed by 'on "OPPORTUNITIES AS AN ENTREPRENEUR AND THE MSME PERSPECTIVES" & "STARTUP FROM SCRATCH - PROS AND CON'S ..WITH THE EXAMPLE OF OM PRITHWI NATURALS BUSINESS MODEL"'. Two speakers are featured: Ms. SRIVIDYA PUPPALA, CEO, ENSCONCE, and Ms. Harshitha Priyamvada, FOUNDER, OM Prithwi home products. The event is dated 25th, NOV 2021 at 02.00 PM in the NHCE AUDITORIUM.

Initially Ms. Harshitha Priyamvada ,Founder, OM Prithwi home products who is also an alumni at NHCE spoke about the pros and Cons and also explained about her venture which was basically a natural products business. She beautifully put forth about all the processes which she had gone through which included both her professional and personal life and how her venture could be a great success one.

Ms. Srividya Puppala, CEO, Ensconce who is a business leader with eminent leadership qualities possessed a very broad and long experience in the industry both working internationally as well as in India. She explained the opportunities as an entrepreneur and the MSME (Micro, Small and Medium Enterprise) Perspectives. She explained all these things in a very practical manner.

# OUTBOUND TRAINING



Department of Management Studies, NHCE organized an Outbound Training on 23rd and 24th of November 2021 at Ecumenical Christian Centre (ECC) Whitefield, Bangalore. In order to impact learning of individual along with the team, classroom sessions on Professionalism, Leadership, Effective Communication, Mentoring and Skill Development were held. The sessions aimed to deliver learning through experience were along with the classroom sessions, outdoor activities and cultural activities were also held. Sessions on SWOT Analysis and importance of soft skills, stress management, body language, voice modulation, introvert and extrovert, presentation and interpersonal skills, time management and problem solving were addressed. This stimulation-based learning helped students to think out-of-box, take initiative, team work, quality of work, timely completion of tasks

and overall capabilities. The training entails engaging students in collaboration, innovation and productivity, developing team strategies for getting better results, building trust and ownership, motivating others by using complementary skills. It was indeed a great experience as it helped students to develop confidence, team spirit, understanding themselves and others, personal development and building a positive attitude. We thank Dr. Sheelan Mishra, Head, Department of Management Studies thanked all the faculty members for organizing outbound training which was a great experience as it accelerated a change from closed classrooms to outdoor experience. It also helped each student prepare to accept greater challenges and responsibilities in the corporate world.

## UBA SKILL DEVELOPMENT



Department of management studies and UNNAT BHARATH ABHIYAN CELL UNNAT BHARATH ABHIYAN organized a SKILL DEVELOPMENT PROGRAM @RAMPUR VILLAGE GOVT SCHOOL RAMPUR AND L.B.S. Public School, A FLAGSHIP PROGRAMME OF MHRD, GOVT. OF INDIA. In association with ENTREPRENEURSHIP DEVELOPMENT CLUB START-UP CLUB & ACUMEN CLUB on 30th November, 2021.

The outreach program was organized with an aim to reach out to the students of village and to provide them guidance related to both co-curricular and extra-curricular by conducting few activities and events where they were engaged and enthusiastic in taking part and performed their best. It was a memorable event for the inmates of the school.

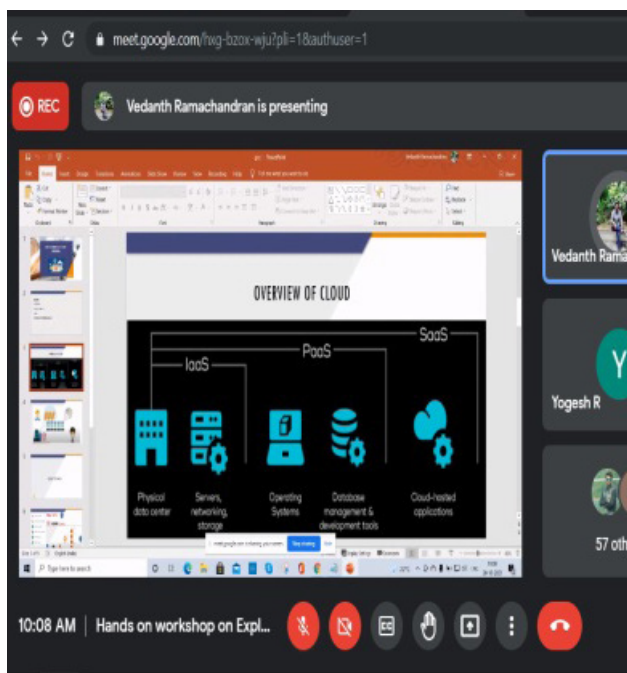
## UBA FREE EYE CAMP

The Department of Management Studies of NHCE and Unnat Bharath Abhiyan organized a Free Eye Camp at Rampura Village in Association with Sankara Eye Hospital on 30th November 2021.

A team of specialized eye doctors and volunteers assisted the people of the village and provided them with the systematic and safe eye check-up. The initiative to conduct this camp was very useful for the people of village and get their eye checked by the experts on site.



## HANDS ON WORKSHOP ON EXPLORING AMAZON WEB SERVICES (AWS)



The Department of MCA, New Horizon College of Engineering conducted hands-on workshop on "Exploring Amazon Web Services (AWS)" on the 16th November 2021. MCA students of 3rd Semester attended the workshop and got benefitted. The session began with an introductory address about the speaker by Dr. A.P. Nirmala, Associate Professor, Department of MCA

Mr. Vedanth Ramachandran, the resource person for the session addressed the students. He started the session with the overview of cloud and discussed the types of cloud computing services. He demonstrated the working of AWS and showed the steps to create an account in AWS. He also explained how to create instances on EC2 and the its working. He gave an insight on Google Cloud. He answered the queries from the student. He told that there are plenty of opportunities in the Cloud Domain and there is lot of scope in this field.

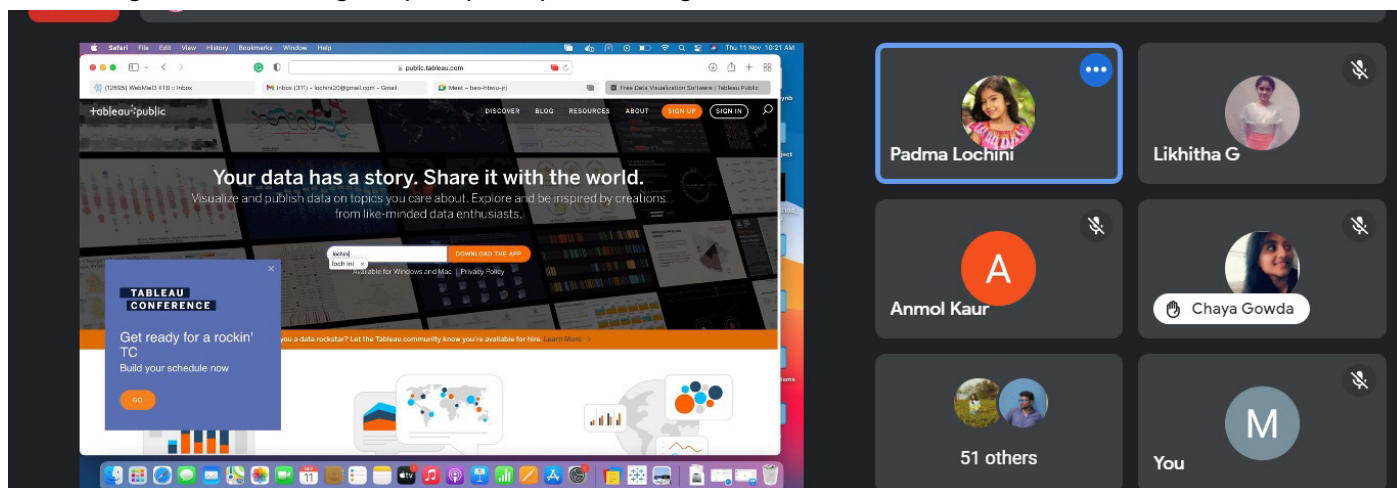
Finally, the Vote of Thanks was delivered by Dr. A.P. Nirmala, Associate Professor, Department of MCA. The MCA Dept would like to thank our Management, Principal and our HoD for providing the opportunity to organize this event.



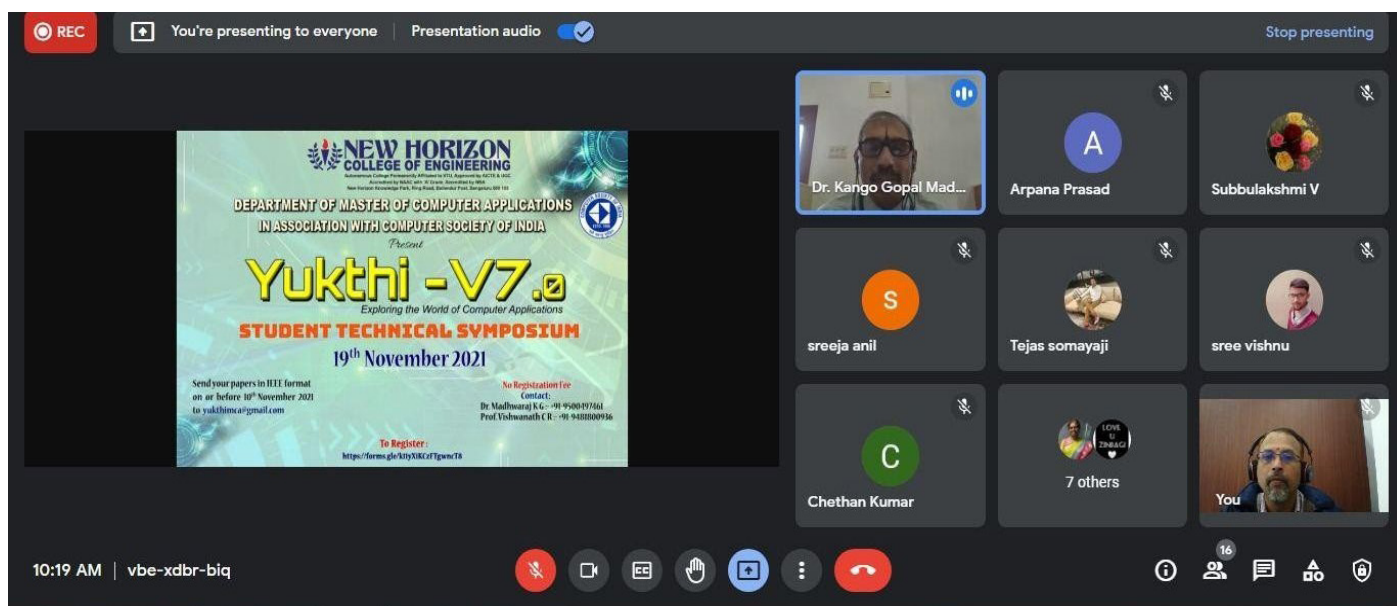
# FDP ON VISUAL DATA ANALYSIS USING TABLEAU

The Department of MCA, New Horizon College of Engineering conducted FDP on “Visual Data Analysis Using Tableau” on the 11th November 2021. The session began with an introductory address about the speaker. The resource person Er. Padmini Lochini is working on a research project in Computational Biology in NantoTechnology Department at IIT Mumbai. She is working for Skyfi Labs as a Technical Expert, an education company founded by IIT Kanpur alumni – Pavan Ponnaganti and Aditya Chundi.

The FDP was very useful for all participants to know the visual analysis of data using Tableau. Data Visualization is an essential skill to effectively apply the principles of visual storytelling by building dashboards, to represent business data that help take quick and relevant action. Visualization is also very useful for data exploration and is a great tool kit for predictive modelers and machine learning engineers helping them investigate the data hierarchically. Effectiveness of the training was acknowledged by the participants through their feedbacks.



# YUKTHI V7.0 STUDENTS TECHNICAL SYMPOSIUM



Yukthi V7.0 was held on 19th of November, 2021 from 10.00 am – 12:30 pm in the Department of MCA, at NHCE. Yukthi V7.0 gave an opportunity to advocate their innovative ideas in a wonderful students forum. The process of making a student research-savvy should be the priority today and very much vital to the UG/PG students of computer applications. The students presented their project ideas in their field of interest. The experts were the faculty from the MCA department. They patiently listened to all the research ideas and gave suggestions to students as to how they can further their ideas in a proper effective way. Student participants from various departments presented the research papers along with a power point presentation. There were many participants from external colleges too. The ideas behind the research papers were amazing, incorporated various technologies and case studies. Some students participated as a team and a few had their individual papers to present. The Symposium gave an opportunity for the students to present their ideas in the field of computer Applications and helped them to face questions by faculty members and answer them to the best of their abilities. It also helped them to explore new technologies.

# SOCIAL COMMITMENT TOWARDS YOUNG MINDS

The students from MCA Department, New Horizon College of Engineering, Bangalore have visited the Madhu Mansion Trust (An Orphanage Home for kids), Marathahalli, Bangalore on 20.11.2021 as part of a social responsibility.

The orphanage has children of the age group from 5 years onwards. Our students visited this trust and taught them about the Basics of Computers. A power point presentation was shown to them for their better understanding of hardware parts. As the lessons were very new to them, all the children were really interested and eager to learn. Technical quiz was conducted related to the basics of computers and prizes were rewarded to the winners. A drawing competition, art/craft activities and games like; dumb charades and Pictionary were conducted for them. They enjoyed a lot and learnt many new concepts about computers and technology.

As a token of appreciation and love, our students distributed writing pads, color pencils and crayons, chocolates, biscuits, and other essential school kits to those children. We are really happy that our efforts were appreciated by them and our students were able to contribute in their learning and to the society.

We would like to thank our Principal and Management for giving us this opportunity. Our students have learnt a lot from this experience, and it will help them in their future endeavors.





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