

NH *Bytes*

A MONTHLY NEWSLETTER BY

NEW HORIZON COLLEGE OF ENGINEERING

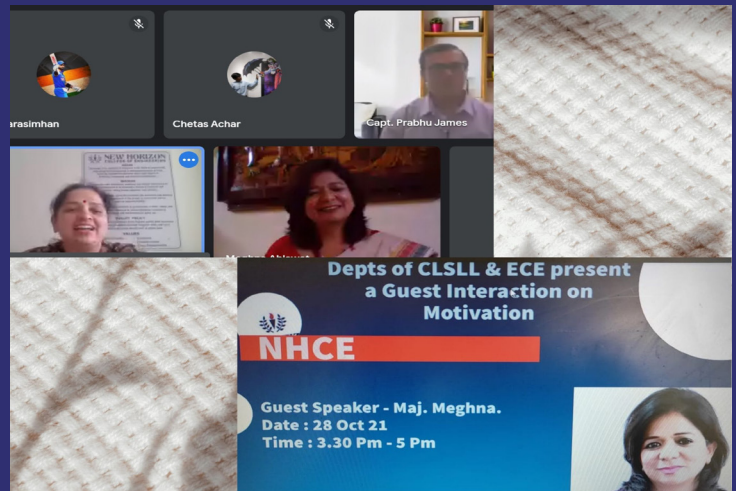
OCT 2021



MOTIVATIONAL TALK –BY MAJOR MEGHNA AHLAWAT


Motto: "I, THE CHANGE"

Major Meghna Ahlawat motivated the students to transform their lives. She shared her life experiences and helped the students to understand the power of motivation. The four pillars - Setting goals, Strengths, Positive Thinking, and Hardwork were the secrets of success given by her. Students took part in the lecture with great enthusiasm, making it an interactive one. All of them were in complete awe and were inspired to work on these pillars.




REVISITING ENGLISH LANGUAGE TEACHING AND LIFE SKILLS


Dr. Sowmya dealt with 21st century skills for the international audience. She covered 4 Cs - Communication, Collaboration, Creativity and critical thinking. She encouraged the audience to develop these for success in the workplace and the marketplace both for personal and professional development.



KPR Institute of Engineering and Technology
(Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.







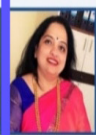

SUSTAINABLE DEVELOPMENT GOALS
KPR supports the Sustainable Development Goals



25th October - 30th October, 2021

Department of English organizes
A 6 - day International FDP on

Revisiting English Language Teaching & Life Skills

| | | | |
|---|--|---|--|
|  | <p>Prof. A. Santha Devi, Assistant Professor Department of Humanities, Coimbatore Institute of Technology</p> <p>Digital Approaches in Teaching English Language</p> <p>25.10.2021 / 11.00 AM to 12.00 PM</p> |  | <p>Dr. Vijayaletchmy Subramaniam, Lecturer, University Putra, Malaysia</p> <p>Learning Languages in the 21st Century</p> <p>28.10.2021 / 11.00 AM to 12.00 PM</p> |
|  | <p>Dr. Arun Behera, Dept of English, Sri Sathya Sai Institute of Higher Learning, Bangalore</p> <p>Phonetics in Communicative English</p> <p>26.10.2021 / 2.00 PM to 3.00 PM</p> |  | <p>Dr. B. Aravindan, Associate Professor, English Language Center, University of Technology and Applied Sciences-Nizwa, Nizwa, Sultanate of Oman</p> <p>Do you run the Day or the Day runs you? - Effective Time Management Strategies</p> <p>29.10.2021 / 11.00 AM to 12.00 PM</p> |
|  | <p>Dr. Sowmya Narayanan, Professor & Head, Centre for Life Skills and Lifelong Learning, New Horizon College, Bangalore</p> <p>Future Skills</p> <p>27.10.2021 / 11.00 AM to 12.00 PM</p> |  | <p>Dr. V. Sudhakar Rao, Associate Professor of English, Department of Humanities & Sciences, Balaji Institute of Technology & Science, Telangana</p> <p>Deliberating on Exceptional Errors in English Grammar</p> <p>30.10.2021 / 11.00 AM to 12.00 PM</p> |

Registration Link: <https://forms.gle/MN1V1HAX13JDK17>

Registration Fee: Rs 150
Scan to pay the fee

Coordinators:
Ms. Brindha.S Assistant Professor (Sr.G)/ English
Dr. Saranya.R Assistant Professor (Sl.G)/ English

Convenor
Dr.M.Hema
AsP & Head/English

kpr.ac.in
/KPRIET online

MOU FOR ACADEMIC INDUSTRIAL COOPERATION

The Department of Mechanical Engineering, NHCE represented by Dr. Manjunatha, Principal, NHCE through the Head of the Department Dr. Shridhar Kurse, NHCE signed an MoU with KEYLYNK BUSINESS CONSULTING PVT LTD, Bengaluru, represented by Mr. Kiran M.S, Director of Keylynk Business Consulting Pvt Ltd. The main objectives of the MoU are to increase the market reach of aspiring professionals, foster collaboration, provide and facilitate the advancement of knowledge through industry tie-ups- based upon reciprocity, best effort, mutual benefits and regular interaction through technical training.



MOTIVATIONAL TALK ON THE TOPIC “ DEALING WITH UNCERTAINTIES ”

The Department of Computer Science & Engineering organized a motivational talk on the topic “Dealing with Uncertainties” for 5th-semester students on 11/10/2021 from 02.00 PM to 04.00 PM. Resource person Dr. Asha Sidd, Psychologist/ Psychotherapist/ Counsellor/Founder of Sidd Academy, Bangalore addressed the session. Key topics of the event were dealing with loneliness, conflicts, assumptions, thinking patterns, how to overcome stress, procrastination, and worries. A total of 97 students participated and benefited from this talk.



ENTREPRENEURSHIP TALK AND ENTREPRENEURSHIP DEVELOPMENT PROGRAM

The Entrepreneurship Development Cell and New horizon Centre of Innovation, Incubation and Entrepreneurship of New Horizon College of Engineering organized entrepreneurship talk on “For successful start-up you need to first start-up”

The Entrepreneurship Development Program on “My Entrepreneurial Journey and Learnings” was organized in Association with Department of Automobile Engineering, Department of Computer Science and Engineering and Department of Information Science and Engineering.

The speakers spoke about their journey and experience to initiate and finally start venture. The main motive of the session was to make students aware about start-up and entrepreneurship, to encourage and motivate them to explore in entrepreneurship, which will boost their inner urge for becoming self-employed in future, to be job creator rather than job seeker.

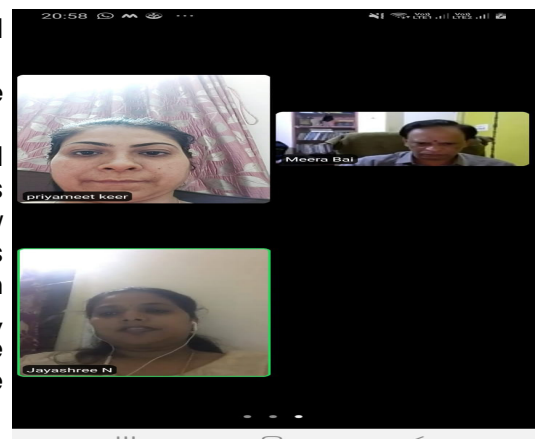


The speakers indulged the students, encouraged and inspired them to be in startup by nothing is impossible concept and success story of their own perspectives and ventures and lives, which was very interesting and would be useful to gain knowledge about Entrepreneurship and its future impact where they have plenty of opportunities if opted for by the students from various depts of Automobile engineering, CSE, ISE of NHCE for their career growth and shine brighter.

FINANCE ORIENTATION SESSION– OCWEN FINANCIALS

An orientation program on Finance “Ocwen Finance” was organized by MBA department for the finance students of MBA 3rd semester. An introduction was given by Prof. Sainath based on profiles for the company

Profile 1 was all about different types of loans under which he explained about secured loans unsecured loans etc then we went in details about mortgage loan and also spoke about pledge as well with few examples In profile 2 Prof.Sainath spoke about equities and liabilities and the importance of equity and liabilities and difference between liabilities. Prof Jayshree spoke about derivatives and it's types. Finally, Dr. Sheelan and Dr. Priyameet summed up all the points that were discussed in the overall session. The program was very useful for the students for attending interviews.



INDUSTRIAL VISIT TO IBM



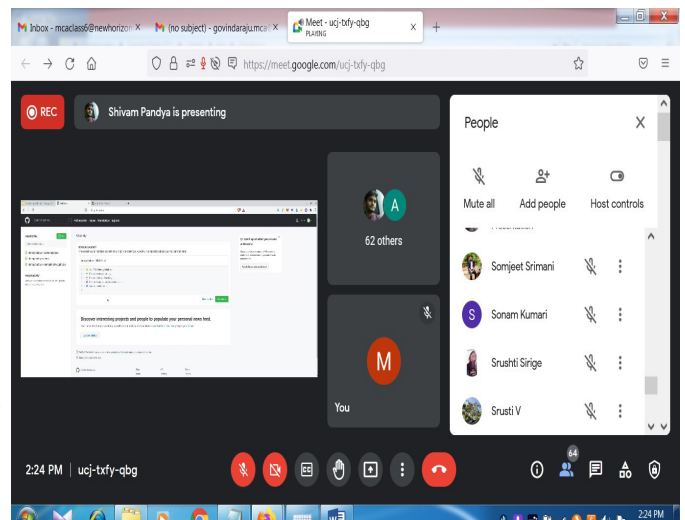
An Industrial visit was conducted by the Department of Master of Computer Application for the students of 2nd and 3rd Year MCA on the 21st & 22nd of October 2021 respectively, on the topic "Design Thinking" by 'Latha Raj , Program Director & Global Technical Eminence Leader from IBM Cloud & Cognitive Solutions'.

The speaker introduced the concept of 'Design Thinking' and how it plays an important role in coming up with effective results in the Organization. Design Thinking is a process which contains 5 modules mainly Empathize, Define, Ideate, Prototype and Test. The speaker also gives us a real-time example of how 'Design Thinking' is used in the industry.

A TECHNICAL TALK ON EXPLORING GIT HUB

On 29th October 2021, Department of MCA has organized a "Technical Talk" for the students. The title of the session was Exploring GITHUB, a development platform, which should be utilized by students in exchanging knowledge creating a technical centric world. This also helps to write better code and know what is happening in today's technical scenario.

The session covered the importance of GIT HUB platform and how it helps in hosting for software development and version control using. It offers the distributed version control and source code management functionality of Git, plus its own features. Students found the session very interesting. The session impacted much on students to explore more in this field. It was very useful and interesting to the students.

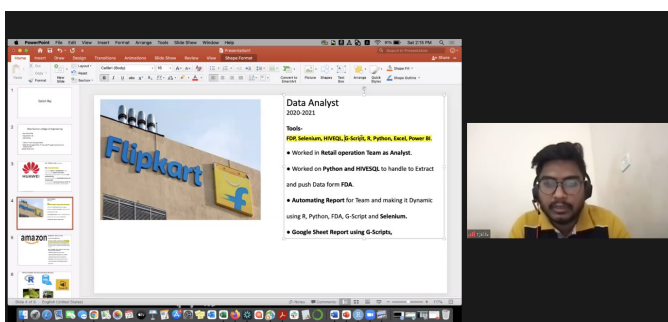


CSI STUDENT CHAPTER INAUGURATION FOR THE ACADEMIC YEAR 2021-22

On 27th October 2021, Departments of CSE, ISE & MCA has organized the CSI Student Chapter Inauguration for the Academic Year 2021-22. The session was conducted by Dr. Anbunathan R, founder & CEO, of a startup company called 'DigiTran Solutions', Ex-Chairman, Computer Society of India, Bangalore Chapter. The session covered the importance of CSI Student Chapter and how it helps in grooming the students to acquire the knowledge and also the benefits of being a CSI member.



GUEST TALK ON DATA ANALYTICS IN CLOUD



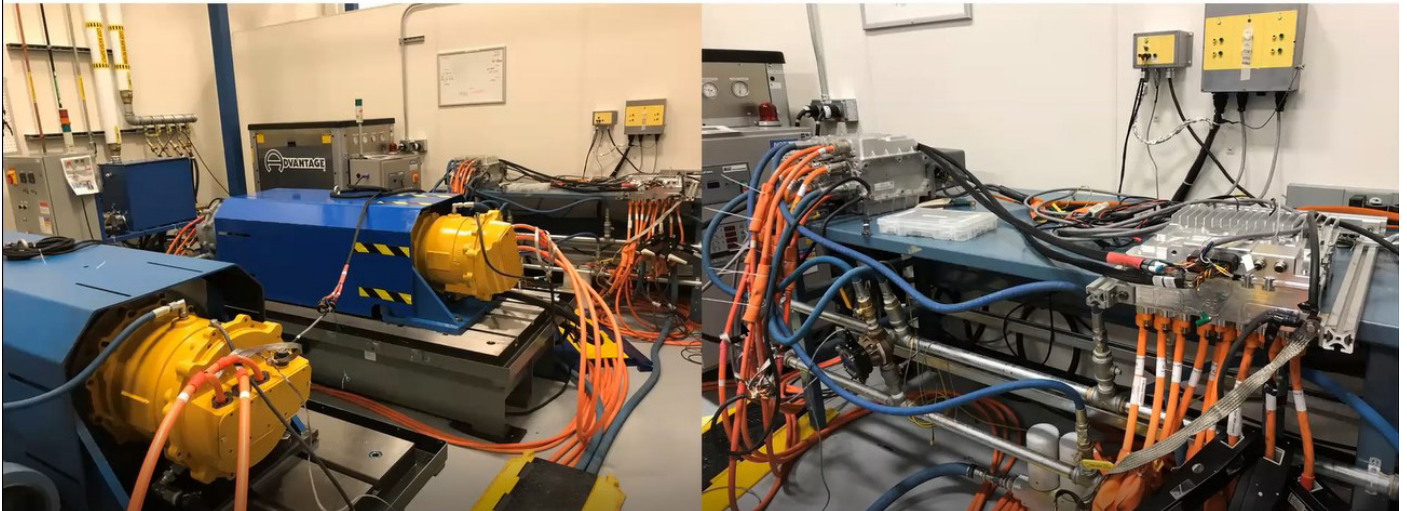
The Department of Information Science and Engineering conducted an Expert talk

on the topic "Data Analytics in Cloud" for the 7th semester students on the 23rd of October, 2021 under the supervision of the Head of the department, Dr. R J Anandhi in the online mode. The expert speaker, Mr. Satish Raj was invited to conduct the same.

The Speaker is an alumnus from the 2018 batch. Mr. Satish Raj, is an analyst with 3+ Years of Experience in Automation of Report and Data Analysis.

DISTINGUISHED LECTURE PROGRAM ON “WIDE BANDGAP (WBG) POWER ELECTRONICS SYSTEMS FOR HEAVY-DUTY VEHICLES”

Dynamic Testing of Inverter (4 inverters and 4 electric machines set-up)



The IEEE PELS NHCE Student Branch Chapter from Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru is organized the Distinguished Lecture Program on “Wide Bandgap (WBG) Power Electronics Systems for Heavy-Duty Vehicles” on 23rd October 2021, Saturday from 08.00 AM to 10.00 AM in association with IEEE PELS Bangalore Chapter. Dr. Brij N. Singh; John Deere Inc., North Dakota, USA acted as a resource person.

The outcome of the program is to bring the researchers and academic experts from reputed institutes of our country to a collective gathering for exchanging and sharing the knowledge about the recent developments and research challenges in Wide Bandgap (WBG) Power Electronics Systems for Heavy-Duty Vehicles. This presentation covered publicly known information on the 200 kW 1050 VDC silicon carbide (SiC) inverter technology development project in John Deere. The SiC inverter converts vehicle engine power into electrical power needed for the permanent-magnet-motor based electric power train used in heavy-duty construction and mining vehicles. The presentation also covered design, development, and test verification of WBG technology deployed in the successful realization of a power-dense (43 kW/Liter) high-temperature (suitable for 115°C coolant) high-efficiency (> 98% over entire range of coolant) SiC dual-inverter.

The entire session is very informative and enthusiastic manner in the area of power electronics industry. The eminent expert from the John Deere Inc., North Dakota, USA delivered the lecture and his talk has been very well received by the participants.

Congratulations to Event Coordinator Mr. SatishKumar. D, Sr. Assistant Professor and student coordinators from Department of EEE, NHCE for successfully organized this event.

AICTE TRAINING AND LEARNING (ATAL)

The Department of ECE, New Horizon College of Engineering launched a 5-day AICTE - ATAL online FDP on “NEXT GENERATION APPLICATION ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR SMART IoT APPLICATIONS” from 18th Oct 2021 to 22nd Oct 2021. Dr. Sanjeev Sharma HOD-ECE delivered the welcome address. Dr. Manjunatha, Principal-NHCE, presented the presidential address. Mr. Yeshwanth Gowd, Senior Engineer R&D at HP delivered the inaugural address stressing importance of AI and its applications.



Dr.Gurulakshmi A B, Associate Professor delivered the vote of thanks. More than 200 registrations were received all around from 21 states of India. The response from the participants for every session was overwhelming. A total of 15 sessions including an online assessment was conducted.

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. Karthik Iyer, 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

Designer: Mr. Charan Theja

Photographer: Mr. Ashok S