

NH *Bytes*

A MONTHLY NEWSLETTER BY
NEW HORIZON COLLEGE OF ENGINEERING

MAR 2021

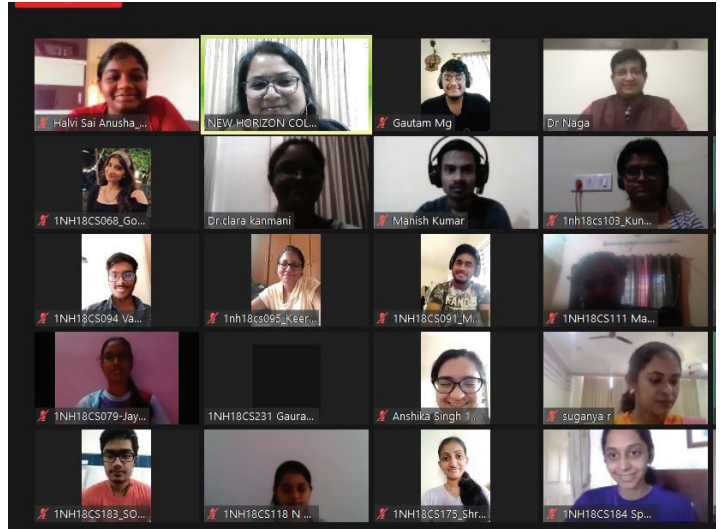


LIFESTYLE CHANGES IN THE POST COVID ERA

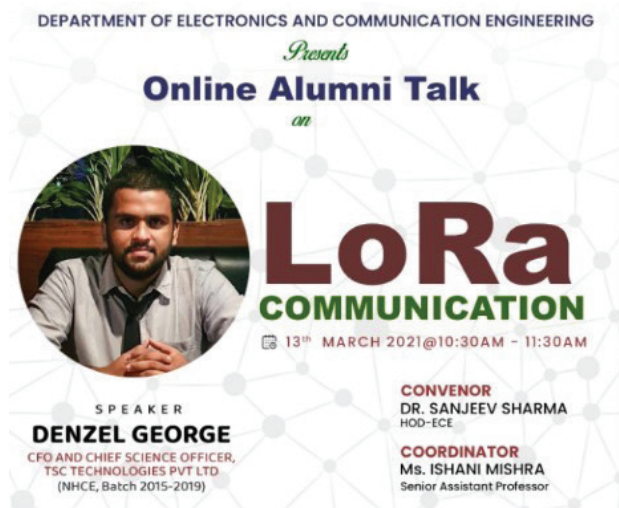
Department of Computer Science and Engineering, in association with CSI Student chapter organized an online motivational talk on the topic "Lifestyle changes in the post COVID era" for 6th semester students on 24/3/2021 from 10.00 AM to 12.00 PM. Resource person Dr. (Wgcdr) A. Nagasubramaniam, Facility Director, Fortis hospital addressed the session. Total 100 students participated and got benefit from this talk. Dr. (Wgcdr) A. Nagasubramaniam talked about the following points during his address

- How COVID affected people's lives?
- Shared few experiences of patients.
- Hospital situation during COVID.
- Safety precautions to take during COVID.
- How to form a habit?
- Difference between success and failure.
- Post COVID lifestyle changes.
- Importance of physical movement.
- Necessity of social service.
- Importance of gratitude.
- Developing hobbies.

Overall, session was very interactive & successful. Students benefitted immensely from it.



ALUMNI TALK



Department of Electronics and Communication Engineering conducted an International online alumni talk on "LoRa Communication" on 13th March 2021. The speaker, Denzel George, is an alumnus of ECE department (Batch-2015-2019). He is currently working as the founder and director of a start-up, TSC Technologies Pvt Ltd, an aerospace company based in India. He is currently a research engineer at New Horizon College of Engineering, Bangalore. Currently researching in the field of Satellite Technology, NanoSatellites, CubeSats, Rovers and Drones. The audience was VII sem students. The talk comprised of focus on LoRa based communication, LoRa ISM, features of LoRa module, LoRaWAN, and so on. Students interacted with the speaker at the end of the session by taking suggestions and clarifying doubts on LoRa based communication. The session was overall very informative.

GOVERNMENT SCHOOL VISIT by 6th semester mechanical engineering students

6th semester students from Department of Mechanical Engineering visited government school located in Venkatapura, Bangalore and conducted environmental awareness program, planted trees and also distributed masks to the students. The activities are appreciated by Head master and faculty members of the school and also government school visit got well response from students community.



EV-THON ORGANIZED

by CHRIST UNIVERSITY

EV-THON was organized by CHRIST UNIVERSITY as a part of annual mega techno-cultural event, MANGNOVITE on 26th, March 2021. Two team from the Department of Automobile Engineering took part, in which team TDK secured 2nd place. The team members are:

Mr. Tatvik Mahesh
Mr. Krishna Ramalingam
Mr. Denzil Rhodes



TECHBHARAT

Tech Bharat 2021 on Edutech and Healthtech was organised by IMS foundation and Laghu Udyog Bharati – Karnataka Chapter on 5th and 6th of March 2021 through virtual platform. New Horizon College of Engineering was one of the education partners. The event has provided a space – to interact with Government & policy makers, collaborate with global leaders investors & change agents. 44 exhibitors from different start up, educational and health care segment has participated in the event. Sessions were conducted on Impact, role and implementation of technology in education and health care sector. Dr. Sheelan Misra Head of Department of Management studies New Horizon College was one of the speakers of panel discussion. We thank honorable Chairman Dr. Mohan Manghnani and Principal Dr. Manjunatha for enabling us to be a part of Tech Bharat 2021.

INTERNATIONAL WOMENS DAY

On March 8th 2021, Department of Management Studies, New Horizon College of Engineering organized Women's Day Celebration to celebrate and encourage women empowerment. The event was presided by HOD Dr. Sheelan Mishra, Department of Management Studies. Who spoke about the current scenarios of women condition in the society and the steps to be taken to overcome these issues. And the celebration was concluded by enlightening students and wishing them a happy women's day 2021.



UNDERSTANDING PERSONALITY –THE KEY



Ms. Madhu chetti is a deputy National training manager at Hindustan Unilever Ltd. In this session, the speaker gave a detailed description on “**The key to professional success**”. Ms. Madhu spoke about understanding personalities and conducted some activities for the students so that they can understand about the topic practically. She also spoke about important aspects to survive in corporate world such as

importance of self confidence, communication skills, self esteem and conducted activities for the same. She was very interactive with the students for the whole session. She also spoke about time Management, stress management, techniques to handle stress. This was a fun session with exciting activities and the students were interactive with the speaker. The session continued for 2 hours in which the students gave feedback about how good the session was. Lastly we had Q & A's session and the session ended with vote of thanks from the students representative. This session was very helpful for the students to come out of the comfort zone and take up the opportunities.

“METAMORPHOSIS FROM CAMPUS TO CORPORATE”

On 18th March, 2021 brief session on “Metamorphosis from Campus to Corporate” of Effective Image Building was conducted by Alumni Mr. Santhosh Naik to highlight the importance of Corporate Etiquette, and role of effective communication in IT Industries. This program was hosted by Department of MCA, NHCE. It was held for students of I semester of MCA students to provide guidance and overview of placement process.

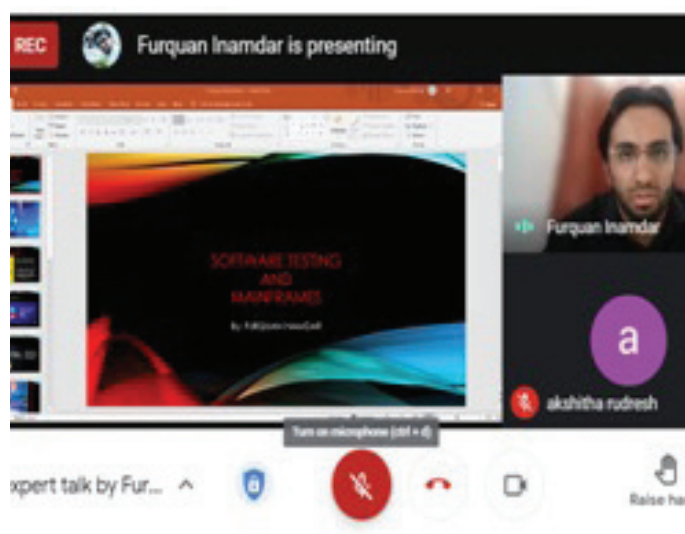


The session motivated us and encouraged to face the real-life scenario. It gave us an idea to prepare ourselves for Interviews and inspired us to build self-confidence. It was very much refreshing and showed us the different side of the corporate world. We also got an insight of what kinds of questions may be asked and hard work is key to success. In order to crack the interview and grab the offer it involves practice and hard work put in.

The talk was very briefly arranged in a very clear way that it was very easy to understand. This webinar was extremely useful and beneficial as it gave the knowledge of Effective Image Building. The talk was very elementary and was easy to understand. This talk was a very good opportunity to learn a lot of new things which will surely help us in future.

EXPERT TALK on Software Testing & Mainframes

An Expert talk session was hosted on 27th March 2021 with the theme being Software Testing & Mainframes. The session was organized by Dr. Sreekanth R, Associate Professor, Dept. of MCA, NHCE. The Guest for the session was Mr Furquan Y Inamdar. Mr Furquan Inamdar has 6 years of experience in software industry. He initially worked as Software Test Engineer with Mphasis Pvt Ltd. For last one year he has been working with Amdocs Pvt Ltd, Pune. He has strong experience in Testing with Mainframes. The objective of this lecture was how to improve various skills which include quality analysis, Testing with Agile framework, Manual and functional testing. Web application testing and mobility testing is also discussed. Test management tools like JIRA, Zephyr, HP ALM Test tools are discussed. Main frame testing includes CA7 scheduler, RTS and JCS mainframe tools, JCL, COBOL and IMS DB was also mentioned.



INDUSTRIAL VISIT

The students of MCA department went on an Industrial Visit to **AKSHAYA PATRA Foundation, managed by ISKON Temple** on 19-03-2021 at ISKCON TEMPLE, Bangalore. Initially there was a presentation on **AKSHAYA PATRA, the initiatives taken**, and various other aspects of **AKSHAYA PATRA** to supply nutritious food for school children in and around Bangalore, in different parts of the country and across the world. In the presentation, eminent personalities lauded the work done by the Foundation and also advised the youngsters to be part such social activities.

They also shed light on the various policies and steps taken in the direction to flourish the **AKSHAYA-PATRA** and make it a grand success.

The students were divided into two groups and were individually taken to visit the temple as well as **AKSHAYA-PATRA's** Kitchen to know the functionality, followed by the lunch at around 3pm and visit was over.



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"#CODE-21"

CODING COMPETITION BY FOSS CLUB

OBJECTIVE:

As our other events, we FOSS club, teamed up to carry forward our agenda of conducting another event from our club, that gives an opportunity to improvise our technical skills.

CONTENT:

"#CODE-21" 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.

Winners:

First Prize: Biskas

Second Prize: Anish

Third Prize: Deviah CK

AICTE SPONSORED INTERNATIONAL CONFERENCE ON RESEARCH PERSPECTIVES IOT IN HYBRID GRID INTEGRATED RENEWABLE ENERGY SOURCES – ICRPHGIRES-2021



The Department of Electrical and Electronics Engineering, New Horizon College of Engineering organized an Three days program of presentations, panel discussions and interactive sessions at the International conference on "Research Perspectives: IoT in Hybrid Grid Integrated Renewable Energy Sources", which took place from 24 to 26 March 2021. This conference is sponsored by the All India Council for Technical Education (AICTE) is the statutory body and a national-level council for technical education, under the Department of Higher Education, Ministry of Education, Government of India and also sponsorship from various funding agencies. This conference has made our academicians & research scholars to interact with experts in the domain of Hybrid Grid Integrated Renewable Energy.

institutions across our country to review the role expand capacity to address current and future development challenges and strategies in a Renewable Energy sector. ICRPHGIREs-2021 achieved an environment where the authors and participants established their research relations and collaborations with various eminent academicians, research fellows and scientists from India. The presentation of research papers is happened on ten different tracks like Smart Grid Architectures, Smart Grid Implementation, Smart Grid Interconnection, Power and Renewable Energy, Smart Cities, Clean and Renewable Energy, Automation, Artificial Intelligence, IoT and Management in Emerging Technologies. Congratulation to the entire organizing team.

The event brought together around 100 faculty members, research scholars and students from almost 70 leading

FACULTY DEVELOPMENT PROGRAM: TRAINING ON: ENDLESS AUTOMATION



In house Faculty Development Program "Training on Endless Automation" was held from 1st to 5th March 2021. Faculty from Automobile, Civil, Electrical and Electronics, Electronics and Communication and Mechanical Engineering attended the program.

The program was inaugurated by Dr. Manjunath, Principal, NHCE, Dr. Mahesh M Co-director of IFCEEAE, and HOD EEE highlighted the importance and over view of the program.

The program was organized in such a way that elements of Industrial Automation was trained by Prof. Thomas BRIERE. Human Machine Interfacing, SCADA was trained by Mr. Suresh Butte, Automation project Engineer, Fluid control and Systems, Mr. Arindam Patra Deputy Manager, Ecobuildings Schneider electric India handled session on Building Automation, Mr. Anand, project Engineer Techmech Systems handled session on Fire Alarm Systems. The program was successfully completed by validictory ceremony on 5th march 2021, by distributing participation certificates to the participants by Dr. Ganesh Prasad, Dean and HoD Mechanical Engineering and Dr. Sanjeev Sharma, HoD Electronics and Communication Engineering.

The five days Faculty Development Program helped the participants to know the importance of Industrial and Building Automation and motivated them to involved in the R&D initiatives in the same field.

INTERNATIONAL CONFERENCE ON RESEARCH PERSPECTIVES: IOT IN HYBRID GRID INTEGRATED RENEWABLE ENERGY SOURCES

New Horizon College of Engineering organized International conference on Research perspectives: IoT in hybrid grid integrated renewable energy sources. From BSH department the following researchers have presented their research papers in Science and humanities session:

Dr. Ramachandra Naik

Dr. Jisha P K

Sandhya S

Perumal S



CLEANLINESS DRIVE

The **CLEANLINESS DRIVE** was conducted by the **Green energy Club**, Department of Electrical and Electronics Engineering, on 04 March 2020 at Jakkur lake in association with **Jala Poshan-NGO**.

The main objective to keep the Jakkur Lake surroundings clean and sustaining the plants and trees by mulching and watering them. And safe disposal of Bio masses around the lake. Around 50 volunteers were representing college.

Activities by the drive are:

1. Watering all the plants and trees on either side of the walking tracks.
2. Mulching – it is a process to ensure that all bare soil is covered with fresh leaves in order to provide nitrogen to other plants.
3. Clearing the pathway and walking tracks from plastic waste and disposing them.

The cleanliness drive helped volunteers to gain knowledge on many aspects of plants, biomass and as to how much their sustainability matters.



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