

NH *Bytes*

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FEB 2021



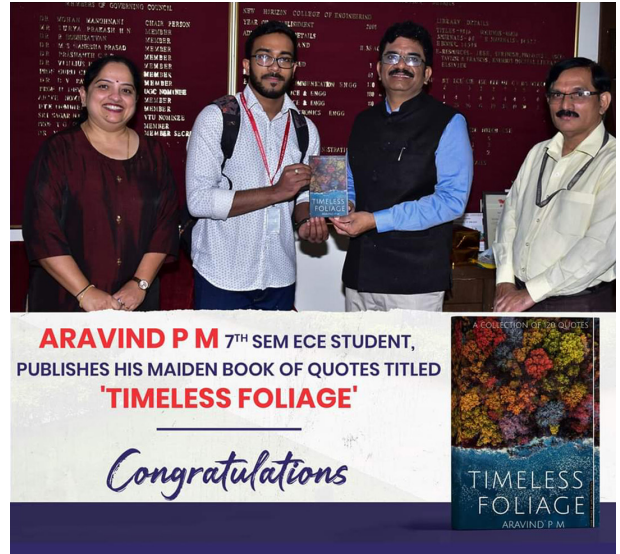
BOOK PUBLISHING FELICITATION

Our NHCE student Aravind P M of 7th semester (ECE) recently published his maiden book of Quotes titled 'Timeless Foliage'.

The first copy of the publication was presented to our principal Dr. Manjunatha, who encouraged and kindled the student's passion for writing.

Prof R.L. Gangadara Murthy and HOD Dr. Sowmya Narayanan from the Centre of Life Skills and Lifelong Learning provided pivotal support to bring out the book. The seeds sown as motivation have taken the form of this volume of 120 Quotes.

The volume is available on Amazon India, Flipkart and Notion Press



INDUSTRIAL VISIT

Visit to Labs and Mighty Machines Bangalore

Department of Mechanical Engineering organised industrial visit for third semester mechanical engineering students to Labs Bangalore and Mighty Machines Bangalore on 04/02/2021. The visit got very good response from the students community with 110 participating in the same.



Visit to AKSHAYA PATRA

Department of Mechanical Engineering, New Horizon College of Engineering organised an Industrial Visit to AKSHAYA PATRA FOUNDATION @ Rajajinagar, Bangalore dated on 18th February 2021. It is one of the World's Largest NGO which Run Mid-Day Meal Program Serving Wholesome School Lunch to Over 1.76 Million Children in 15,024 Schools Across 12 States in India.



PATENT PUBLISHED

Dr. Sujin Jose Arul has published a patent titled "DESIGN AND DEVELOPMENT OF MONEY SANITIZING MACHINE" in The Patent office Journal dated 19/02/2021

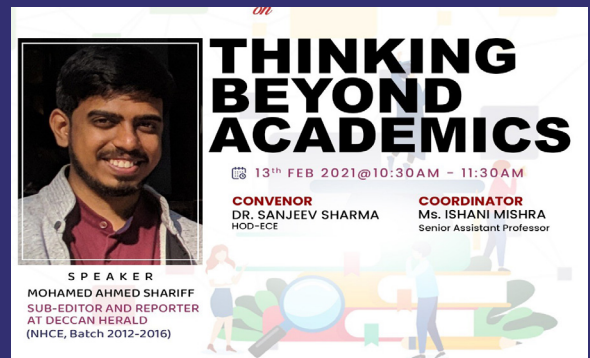


THINKING BEYOND ACADEMICS

Alumni Talk

Department of Electronics and Communication Engineering conducted an International online alumni talk on "THINKING BEYOND ACADEMICS" on 13th February 2021. The speaker, Mohamed Ahmed Shariff, is an alumnus of ECE department (Batch-2012-2016). He is currently working as a sub editor and reporter at The Printers Mysore Pvt Ltd, the parent organization of the 72 years old newspaper Deccan Herald. Ahmed also writes books and film reviews. His bylines also

encompass various lifestyle-related subjects. Before his stint at the print media industry, he has worked as a software engineer with Happiest Mind Technologies. The audience were VII semester students. The talk comprised of focus on planning with the aim to encourage students to take up hobbies and vocations to supplement their growth academically, socially, personally and financially. It also encouraged them to take up journaling and expressing their view via writing, which in turn would help them better articulate when presenting papers, projects and dissertations. Students interacted with the speaker at the end of the session by taking suggestions and clarifying doubts on thinking beyond academics. The session was over all very informative.



INTERNATIONAL BUSINESS MANAGEMENT PRACTICES



On 10 Feb 2021, a guest lecture on the topic INTERNATIONAL BUSINESS MANAGEMENT AND PRACTICES. Professor V.R. Ravi Kumar, Editor and Publisher of Agro India Magazine and president of KARNATAKA MANAGEMENT ASSOCIATION was the speaker for this session. He imparted an in-depth knowledge on exports, foreign currency and the problem that our country faces during export. He also spoke about foreign currency and foreign exchange rate with an example of US currency in relation to Indian rupees. The session was very informative and helpful to students in understanding International business management and practices

UNION BUDGET

On 13 February 2021 Department of management studies New horizon college of engineering held a session on the topic Union Budget 2021. Mr. Vasanth Adithya J, Founder and Managing director of Kreetam Law Associates was the speaker for this session. He is a reputed economic personality and a promising author and has done various research program.

The speaker highlighted the key points of union budget 2021 presented by Smt. Nirmala Sitharaman. The session made students understand the concepts of budget and deeply assess the various components of Union budget 2021



MIND SPARK

Mind Spark was the event conducted by Acumen Club of the department of Management studies on 24th February 2021. It was a full day event with an active participation by the first-year students of Management studies. There were three rounds conducted in the event. Round 1 being the X- QUIZ-IT which was about logo recognition, round 2 being the cerebration where with the tagline the associated product had to be guessed. Round 3 was AD/sense it was about making an ad to promote the product. Arun Raghu Babu the HOD of BBA department was the judge for the event. Priya M Naik and Kavya P from first year MBA section C were the winners, followed by Sandeep Kumar and Harish Shashikanth Pattar from first year MBA section A being the runner up.



IGNIA

IGNIA – IGNITION OF IDEAS was presented by ED CLUB in association with department of management studies and ENTREPRENEURSHIP DEVELOPMENT CELL NHCE. The motive of the event was to invoke creative ideas in the minds of youngsters and to improve their team work. The event had two rounds

Round 1 – OFF THE CUFF where the participants were given topic based on entrepreneurship development and we're asked to speak for a min. The selected participants were qualified for round 2.

Round 2 – Envision it was aimed to bring out the innovative ideas from the students, evolve and explore their perspectives on the provided scenario depicted in a pictorial form. Mr. Chirag kashyap and Ms. Sonal were the judges for the event. In the last round envision Ms. Aishwarya and team emerged has winners.

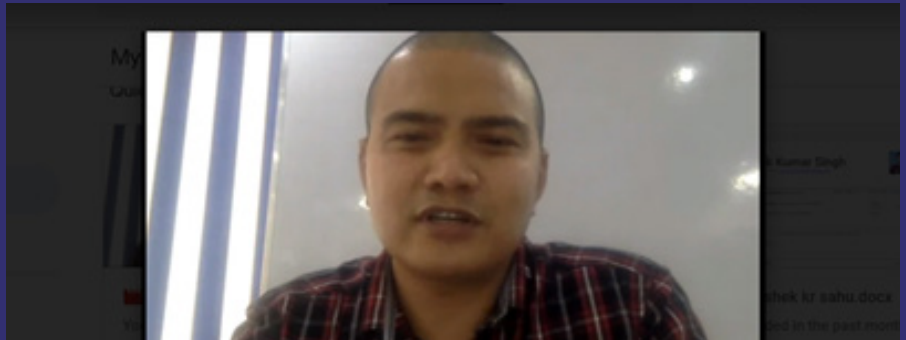


MOTIVATIONAL TALK

The motivational talk of MCA Roadmap in HR perspective was organized on 26/02/2021 for I Semester MCA students through online mode. The talk was given by Mr Jaswanth Singh Kandhari, HR Manager from Source soft solutions Pvt Ltd, Noida. The main agenda of this talk was to provide the students the following inputs that the companies look while hiring the students after completion of program

- 1.Communication skills
- 2.Aptitude skills
- 3.Technical skills
- 4.Certification
- 5.Group discussions
- 6.Confidence building
- 7.Soft skills

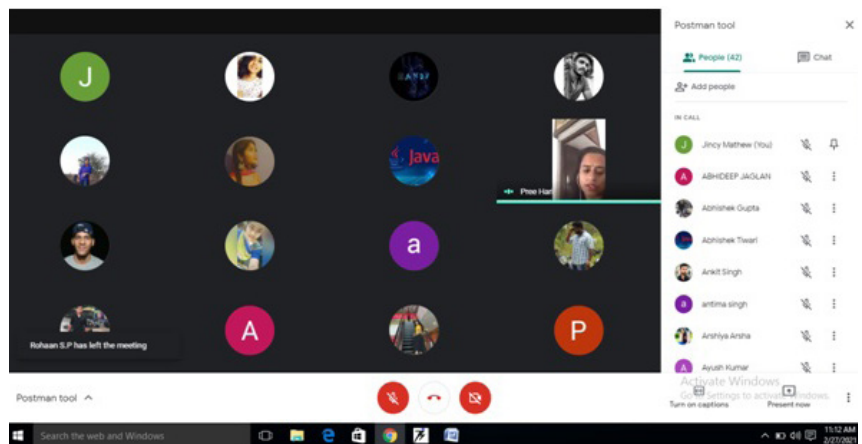
It was highlighted to all students that how they should focus on the above skills to get placed after completion of the program.



POSTMAN TOOL

Students of fourth semester MCA attended online Webinar on 27.02.2021 on the Topic "Post man Tool and testing Application Programming Interfaces (API)" and its use in industrial sector. The talk gave an overview of the API working and methods and its various uses were discussed with real life examples. An insight on the vast use of API in social media networks like Facebook or Gmail were discussed.

The four major methods of API that is GET, POST, PUT and DELETE and their execution were explained with the help of examples. It also gave an idea about JSON and how these technologies can be helpful in future. The talk was very interesting to all the students. This webinar was extremely useful and beneficial as it gave the knowledge of API and its real-life industrial use. The talk was very elementary and was easy to understand. This talk was a very good opportunity to learn about the new technologies emerging in industry in recent years and their growth in future.

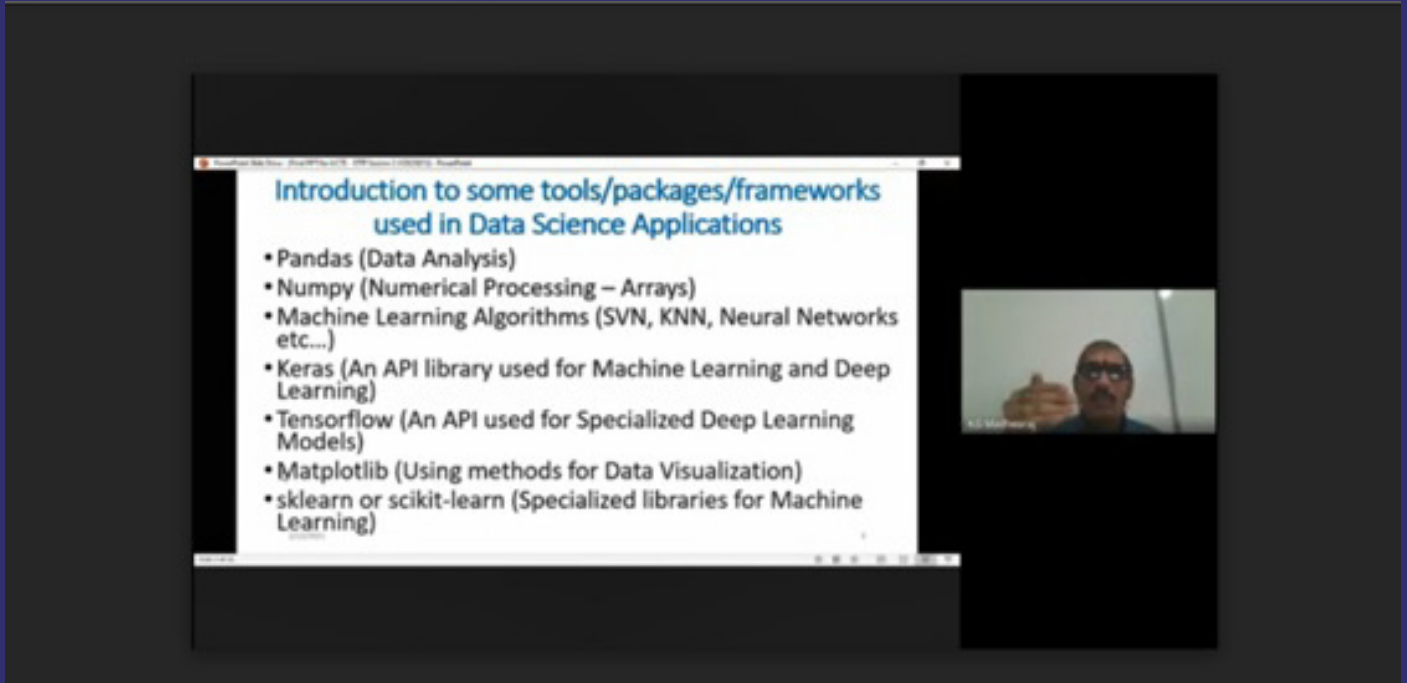


CURRENT TRENDS IN IT



On 27th February 2021, brief session on "Current Trends in IT" was conducted by Alumni Sri Raksha to highlight the importance on Aptitude and technical skills. This program was hosted by Department of MCA, NHCE. It was held for students of IV Semester MCA students to provide guidance and overview of recruitment process.

HOW DATA SCIENCE WILL REVOLUTIONIZE HEALTHCARE AND APPLICATIONS



Dr. K.G. Madhwaraj, Professor, Dept of MCA delivered a talk titled “How Data Science will revolutionize healthcare and applications” AICTE–Sponsored Short Term Training Program (STTP) Phase III on 12.02.2021 (Online Mode) at Hindustan College of Arts and Science, Coimbatore.

INTRODUCTION TO DATA SCIENCE



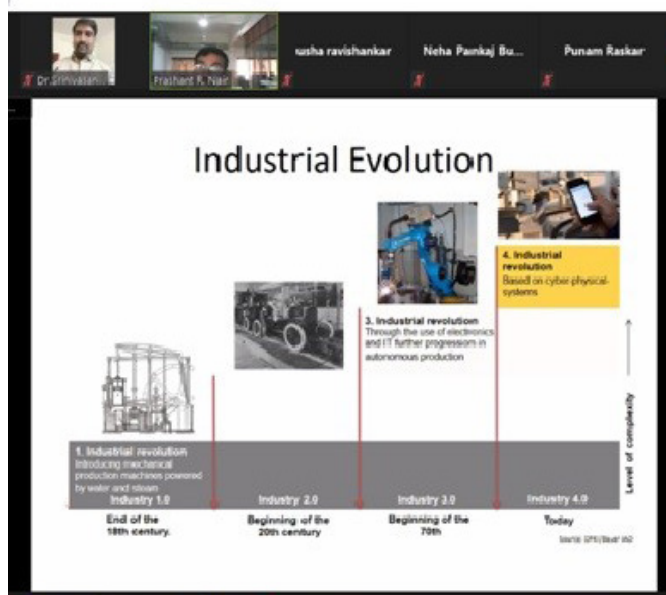
Dr. K.G. Madhwaraj, Professor, Dept of MCA delivered a talk titled “Introduction to Data Science” at HKBK Degree College, Nagawara, Bengaluru on Feb 19, 2021.

INTERNET OF THINGS (IOT) AND ITS APPLICATIONS – Phase 3

The Department of Information Science and Engineering is organized, AICTE Sponsored 6 Days Short Term Training Programme on “Internet of Things (IoT) and its Applications” – Phase 3 from 08/02/2021 to 13/02/2021 in association with Visvesvaraya Technological University and Computer Society of India. Resource Persons were experts from IoT Industry.

The Six days program made the participants to get an exposure on following

- Understanding the basic IoT concepts, underlying technologies and migration of M2M to IoT.
- Analyze the various features of IoT standard protocols and cloud platforms and interface IoT with cloud platforms.
- Understand the interface concepts with networks and to Design and develop real world IoT application.
- Security and Privacy in Internet of Things and the Role of IoT during Covid-19 and Augmented Reality in IoT



The faculties from various engineering colleges across India, Research Scholars & people from Industry benefited out of this program.

“SMART GRID TECHNOLOGIES FOR ENERGY EFFICIENCY AND ACTIVE DEMAND SIDE MANAGEMENT” PHASE 3: “AN OVERVIEW OF SMART GRID INFRASTRUCTURE FOR DEMAND SIDE MANAGEMENT.”

The Department of Electrical and Electronics Engineering organized an AICTE Sponsored Online Short-Term Training Program “Smart Grid Technologies for Energy Efficiency and Active Demand Side Management” Phase 3: “An overview of Smart Grid Infrastructure for Demand Side Management.” During 1st Feb and 6th Feb 2021 (6 days). It was a conducted in grand successful manner with a positive impact from all the participants.

Around 12 resources persons from various prestigious institutions in and around India have delivered their lectures on the area of Smart grid on loss reduction and rural electrification and demand side management. This Short-Term Training Program acted as a platform to train the trainers on Smart Grid Technologies to help the students to have successful careers in the Smart Grid industry. Congradulations to organisers Dr.Singaravelan , Prof. Mohan B.S and Prof. Muniprakash T and the HOD EEE Dr.M.Mahesh for sucessful completion of events.

ABOUT THE SHORT-TERM TRAINING PROGRAM

Excessive usage of electricity in the residential sector is the main reason for frequent peak demand in India. Proper implementation of Demand-Side Management (DSM) along with the Energy-Efficient (EE) method is an efficient way to address these peak demand issues.

Smart Grid Technologies can be an efficient tool to implement DSM and EE. There are plenty of opportunities available in the public and private sectors to those who know Smart Grid Technologies. In this context, it is important to motivate faculty and industry personnel to get trained on Smart Grid Technologies. This Short-Term Training Program would act as a platform to train the trainers on Smart Grid Technologies to help the students to have successful careers in the Smart Grid industry.

OBJECTIVE:

- To train the trainer by providing theoretical & practical skills on Energy Efficiency and Active Demand Side Management with the latest smart grid technologies.
- To create awareness among the faculty about the opportunities available for students in the Smart Grid Industry.
- To train the faculty to upgrade their skills from the conventional power system technology to multidisciplinary smart grid technology.
- To introduce "OpenDSS and SGsim" open-source simulation tools used for smart grid technology.

EXPECTED OUTCOME AND BENEFITS TO FACULTY:

On completing the course, the faculty will be able

- To define the different components of the smart grid
- To choose appropriate smart grid technology to implement energy efficiency
- To demonstrate the active demand-side management by utilizing the smart grid technology
- To guide and teach students by providing the inputs of several smart grid technologies
- To apply the smart grid technologies on research and development frontiers

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Department of EEE

ORGANIZING COORDINATOR

Dr. Singaravelan A

ORGANIZING COMMITTEE

Mr. Mohan BS
Mr. Muni Prakash T

Free REGISTRATION

Link : <https://forms.gle/yonruZKeaDvg5tZG9>

WhatsApp : <https://chat.whatsapp.com/DYx5nk9yIVJGwZXr6XPUB>

Presents

A Short-Term Training Program (STTP)

On

"SMART GRID TECHNOLOGIES FOR ENERGY EFFICIENCY AND ACTIVE DEMAND SIDE MANAGEMENT"

Phase-III

"AN OVERVIEW OF SMART GRID INFRASTRUCTURE FOR DEMAND SIDE MANAGEMENT."

1st to 6th February 2021

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