

NEWSLETTER



NEW HORIZON
COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER ENGINEERING

Dear Readers,

The world of Science and Technology is currently undergoing the fourth Industrial revolution (or Industry 4.0) as it is popularly known. The fourth industrial revolution entails the interconnection of cyber-physical devices in order to completely integrate digital networking systems with all physical devices capable of data communication, thus making it a very complex interdisciplinary branch of Engineering.

Computer Engineering as an undergraduate branch and also as a Masters Specialization has been around for a long time in many developed countries across the world. However, Computer Engineering as a branch in India has only been offered by a few Universities so far. However, this is bound to change to a very large extent in the coming years due to the advent of the new information technology revolution.

Computer Engineering at New Horizon College of Engineering is an amalgamation of Computer Science, Embedded Systems, Computer Networking, IOT, IIOT, Data Analytics, Artificial Intelligence, Machine Learning etc. Computer Engineering at NHCE will be a unique combination of Software, Hardware and AI to power the fourth Industrial revolution.

Dr.S.P.Manikandan

HOD-Computer Engineering

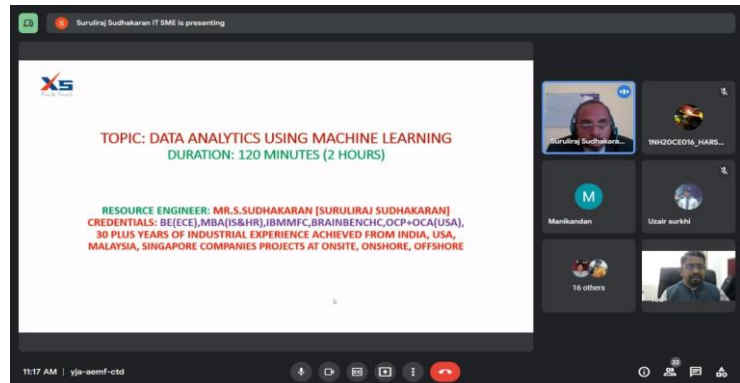
Dear All,

Technology has been growing so exponentially over recent years, there has been a steady increase in demand for bright graduates to come in and help to transform areas ranging from data infrastructure to cyber security. It is important to stay up to date with the latest trends in computer science research, to make an informed choice about where to head next. I am happy to note that Department of Computer Science and Engineering is bringing out a newsletter. I am sure that this newsletter will bring value for all the students and readers who are interested in the area of Computer Science in form of latest developments made in technology. I wish, the department all the best for the publication of the Newsletter and in all their future endeavours.

Dr.Manjunatha

Principal

1. EXPERT TALK ON “Data Analytics using Machine Learning”



The Department of Computer Engineering organized an Expert- Talk on **22nd April 2022** at the C-203 classroom in Chhatrapati Shivaji Block. The talk commenced at **11.10 AM** and continued till **1.30 PM**.

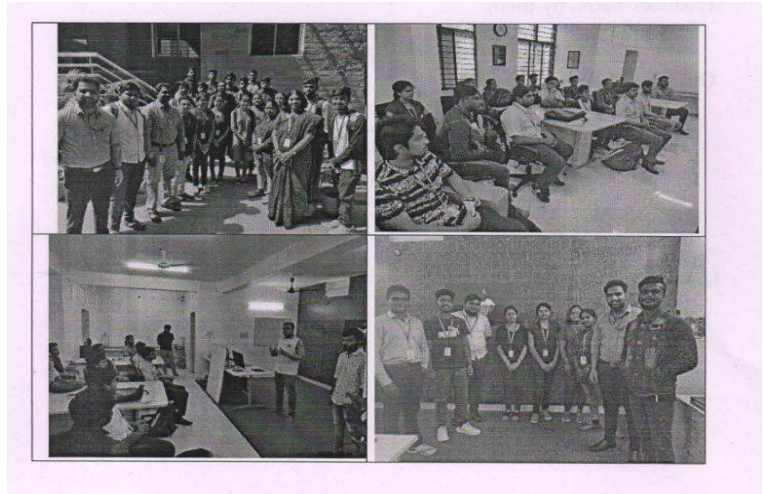
A very informative technical talk on the topic – “**Data Analytics using Machine Learning**” given by **Mr. Sudhakaran Suruliraj**, Chief Technology Officer, Xecutesmart Technologies, Chennai. **Dr. S P Manikandan**, HOD – CE, Welcomed chief guest in a virtual mode. Students of 2nd year of three different department of CE, CSE, AI&ML gained knowledge about Data Analytics and Machine Learning along with hands-on experience on Data using Data Base and Machine Learning, 75 students attend the expert talk in a blended mode. The event concluded with a Vote of Thanks speech given by the Assistant Professor Department of CE, **Mr Rahul B**.

Outcome: Students will have a solid understanding of the basics about how Machine learning algorithms operate without human bias or time constraints

DATE:22-04-2022

TIME:11AM TO 1:30PM

INDUSTRIAL VISIT TO “Capsley Business Developers”



Students of 4th semester (A Section) department of Computer Engineering have visited Capsley Business Developers on 31/05/2022 from 10.00 AM to 1.00 PM with Prof. **Rahul B.**

Totally 20 students have gained the knowledge like how to get first customers, how to select the good idea, the importance of revenue model, and some analysis on already established business. They spent nearly 3 hours in the Company, located at 3rd Floor, 9th Cross Rd, near Indira-Gandhi circle, 1st Phase, J. P. Nagar, Bengaluru, Karnataka 560078. Students are 100% satisfied according to the feedback taken by them.

Outcome:

- e Idea about the start-up.
- Ç Practical experience in the business field and the tools and technologies what they are using every day.

DATE:31-05-2022

TIME:10AM TO 1PM

ACHIEVEMENTS

1. AccelAthon 3.0 – National Level Hackathon



AccelAthon 3.0-National Level Hackathon Competition-
Winner(1stPlace)-Cash Prize of Rs.15,000

Students Team

- 1.Priyanshu Roy 1NH20CE033
- 2.Adnan Khan 1NH20CE028
- 3.Sai Kiran 1NH20CE064

DATE:11-07-2022

2.Power Lifting



State level Silver Medal Winner (2nd Place)

Shadab Khan – 1NH20CE043

DATE:11-07-2022

3.Revelations-22



Darshana B 1NH20CE009

DATE:16-07-2022

4.Revelations 22



Harshavardhan G N 1NH20CE016

DATE:16-07-2022

NEWSLETTER

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