

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



NEWSLETTER





Dear Readers,

We are more than enthralled to announce the release of our Newsletter for the Academic Year 2021-2022, Volume-1.

"Little Drops of Water Make the Mighty Ocean", a saying we witness coming true each day. Our newsletter is just a droplet in the ocean that has already begun to form. This semester has been a successful one, a fact that will get lighter once you read this newsletter. I would like to heartily thank all the students and faculty for putting their heart and soul into this Newsletter. The editorial team deserves a special mention for their immense hard work! This newsletter will throw light on the events held by the Department of Computer Science and Engineering, achievements, the extra-curricular, co-curricular and academic success of the students and the faculty.

Dr. B. Rajalakshmi

HOD-CSE.

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

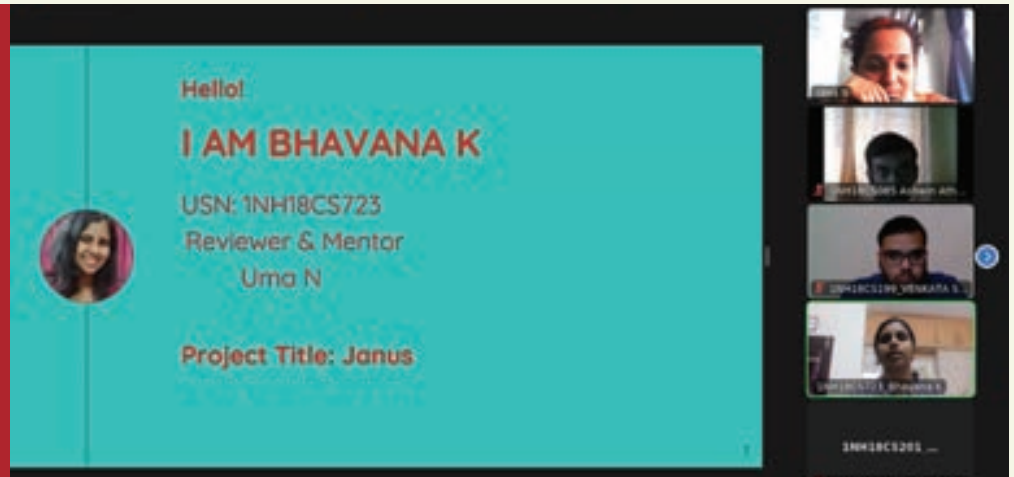
Principal.

NEWS LETTER

August 2021

01 Mini project Competition for 6th semester

6th-semester students of
Dept of CSE.



The Department of Computer Science and Engineering conducted a “Mini Project Competition” for the 6th Semester students on 5th August 2021 from 10:00 AM to 12.30 PM. The event was started by welcoming the external Jury Mr.Muralitharan, Senior Technical Lead, Emid Technologies, HOD and Participants. A Brief Introduction about the external jury was done and the participants were welcomed to make a brief presentation about their project followed by a demo of the project.

Mr.Muralitharan has immense experience in the development of various projects designed for a societal cause, a few of which mention healthcare apps, and several other ios apps. The event was organized to provide a platform for students to exhibit their quality project and to inculcate a sense of competitive spirit to exhibit their best which directly correlates to the course outcome. A total of 10 shortlisted participants were present for the session. The session was a challenging one and the jury was having a tough time deciding the best 3 projects. The event concluded with the jury giving his valuable suggestions as to how students can improve their coding skills, team-building skills, etc. In this event, Mr.Joydeep Singh of 6C, Mr.Rahul Musaliyath Dinesh of 6D, and Mr.Abhay Thoppal Shiva of 6A securing the First, Second and Third positions respectively.

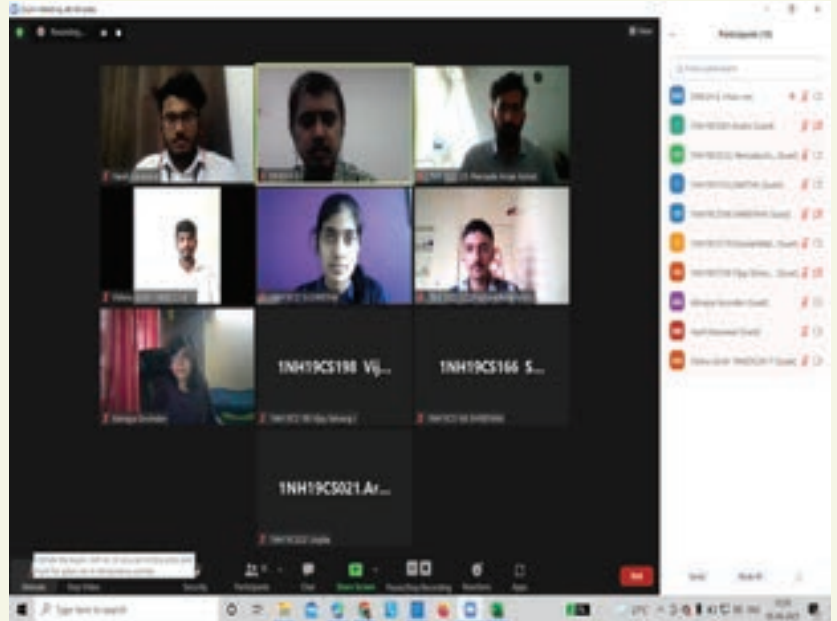
05th
August-2021,
Time :
10.00 AM to
12.30 PM

NEWS LETTER

August 2021

02 Mini project Competition for 4th semester

4th -Sem students of
Dept of CSE.



The Department of Computer Science and Engineering conducted a “Mini Project Competition” for the 4th Semester students on 5th August 2021 from 10:00 AM to 12.30 PM. The event was started by welcoming the external Jury Mrs.Abinaya Govindan, Data Scientist, Neuron7.ai, HOD and Participants. A Brief Introduction about the external jury was done and the participants were welcomed to make a brief presentation about their project followed by a demo of the project. Mrs.Abinaya has immense experience in the development of various projects designed for a societal cause, a few of which mention healthcare applications and several other website development applications. The event was organized to provide a platform for students to exhibit their quality project and to inculcate a sense of competitive spirit to exhibit their best which directly correlates to the course outcome. A total of 14 shortlisted participants were present for the session. The session was a challenging one and the jury was having a tough time deciding the best 3 projects.

The event concluded with the jury giving his valuable suggestions as to how students can improve their coding skills, team-building skills, etc. In this event Mr. Anzar Azmat and Ms. Rakshitha B.A. have secured the first and second positions respectively. The third position was grabbed by Ms. Arpita Gado and Mr. Harsh Karanwal.

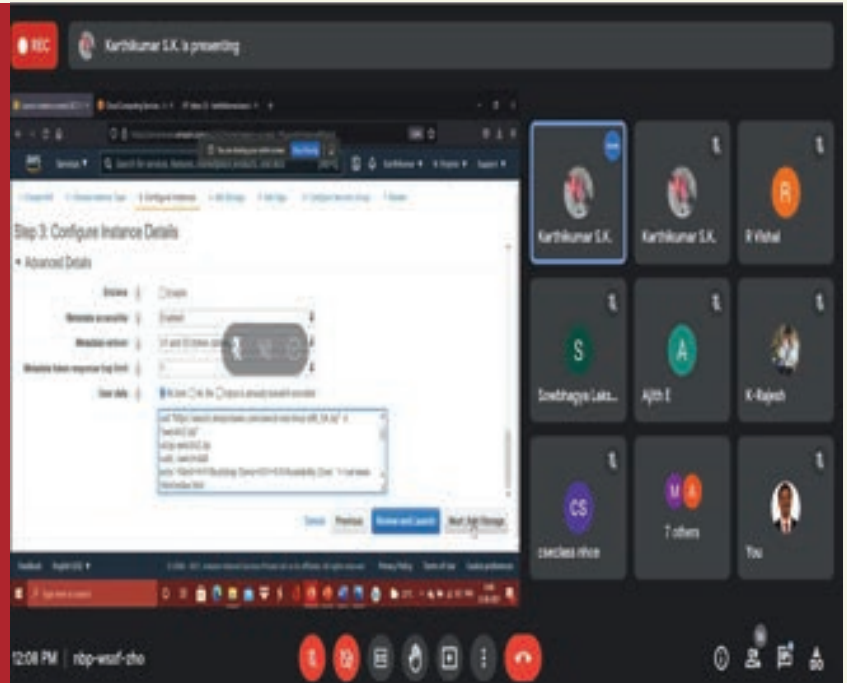
**05th
August-2021,
Time :
10.00 AM to
12.30 PM**

NEWS LETTER

August 2021

03 Two days workshop on “Introduction to AWS EC2 and S3 “

M.Tech and 6th Sem students of
Dept of CSE



The Department of Computer Science and Engineering conducted two days workshop on “Introduction to AWS EC2 and S3” for the students from 12th August 2021 to 13th August 2021. The speaker of this program was Mr.S.K.Karthikumar, Technical Consultant, Autosec Systems, Madurai. The first session was about the introduction of AWS EC2. He discussed the various functionality in AWS management Console and step by step practical demonstration of AWS instance creation. In the second session (13th August 2021) he demonstrated the integration of cloud instances with S3 service. 30 students including M.Tech/6th Sem B.E and faculties from CSE has attended the session and got benefited.

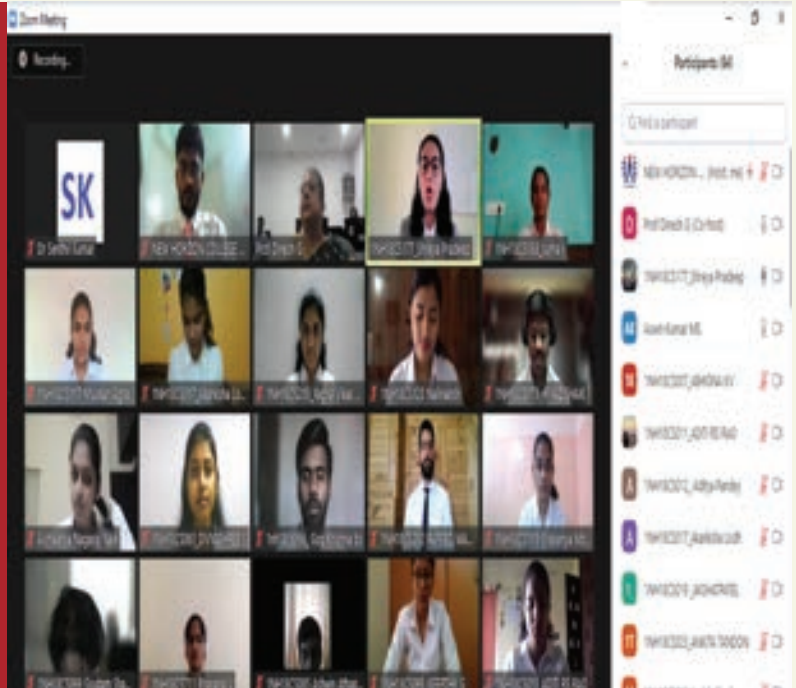
**12-08-2021
to
13-08-2021**

NEWS LETTER

August 2021

04 LEADERSHIP LANEWAY: HERALDING A NEW ERA OF MINDFUL CORPORATES

Department of Computer
Science and Engineering



The Department of Computer Science and Engineering in association with the Computer Society of India, organized a special programme “Leadership Laneway: Heraldng a New Era of Mindful Corporates” on 31st August 2021 from 11:00 AM to 1:00 PM to recognize and acknowledge the success of 2022 batch placed students in product and service-based companies. Around 12 students shared details about their preparation for placement and the interview process. Mr Aswin Kumar, Manager, HR Business partner, L&T, Bengaluru addressed the students regarding how to prepare themselves for the corporate world. He also provided few guidelines to students regarding the overall professional culture of the MNCs. The video recordings were shared with all the final year students.

**From:
31-Aug-2021 To
31-Aug-2021**

**Time :
11 AM To 1 PM**

NEWS LETTER

October 2021



TIME :

02.00 PM To 04.00 PM

The Department of Computer Science & Engineering organized a motivational talk on the topic “Dealing with Uncertainties” for 5th-semester students on 11th October 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.

01
Motivational
talk on the
topic
“ Dealing with
Uncertainties
”

Department of Computer
Science and Engineering

From:
11 October 2021
To 11 October
2021

NEWS LETTER

October 2021



02

Prayukti

Department of Computer
Science and Engineering

The Department of Computer Science & Engineering has organized the event named "Prayukti" under Mobile Development Club on 26th October 2021 from 10:00 AM to 3:30 PM. The session was conducted in A007, A008 and 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 were students who are interested in mobile application development belonging to any branch of NHCE.

From:
26/10/2021 To
26/10/2021

Time :
10 AM To 3:30 PM

NEWS LETTER

October 2021



03 Computer Society of India - Student Chapter

Department of Computer
Science and Engineering

Time :

10:30AM To 11:45 AM

The Department of Computer Science & Engineering organized the inaugural ceremony for "Computer Society of India- Student Chapter" for the academic year 2021-2022 on 27th October 2021 from 10:30 AM to 11:45 AM. The Chief guest for this inaugural function was 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.

From:

**27 October 2021
To 27 October
2021**

NEWS LETTER

October 2021

04

Entrepreneurship Awareness Program

Department of Computer Science and Engineering



Time : 10.00 AM To 12.00 PM

The Department of Computer Science & Engineering organized Entrepreneurship Awareness Program for 3rd Semester students on 27th October 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- Procoder) 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.

**From:
27 October 2021
To 27 October
2021**

NEWS LETTER

October 2021



TIME:

2:00 PM to 4:00 PM

The Department of Computer Science and Engineering in association with the CSI Student chapter organized "ALUMNI TALK" on 28th October 2021 from 2:00 PM to 4:00 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 year. 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.

05 Alumni Talk on "Entrepreneurship and Start-up Opportunities"

Department of Computer
Science and Engineering

**From:
28 October 2021
To 28 October
2021**

NEWS LETTER

October 2021



06

Word Wars - Tech Debate

Department of Computer
Science and Engineering

The Department of Computer Science and Engineering organized the event 'Word Wars' on 29th October 2021 from 1:50 PM to 4:50 PM. 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 get prepared to tackle them easily.

From:

**29/10/2021 To
29/10/2021**

Time :

1:50 PM To 4:50 PM

NEWS LETTER

October 2021

07

Workshop on “Introduction and Hands on to Robotic Process Automation”

Department of Computer Science and Engineering



The Department of Computer Science and Engineering organized one day Workshop on “Introduction and Hands on to Robotic Process Automation” on 29th October 2021 from 10:00 AM to 4:00 PM. 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.

From:
29/10/2021 To
29/10/2021

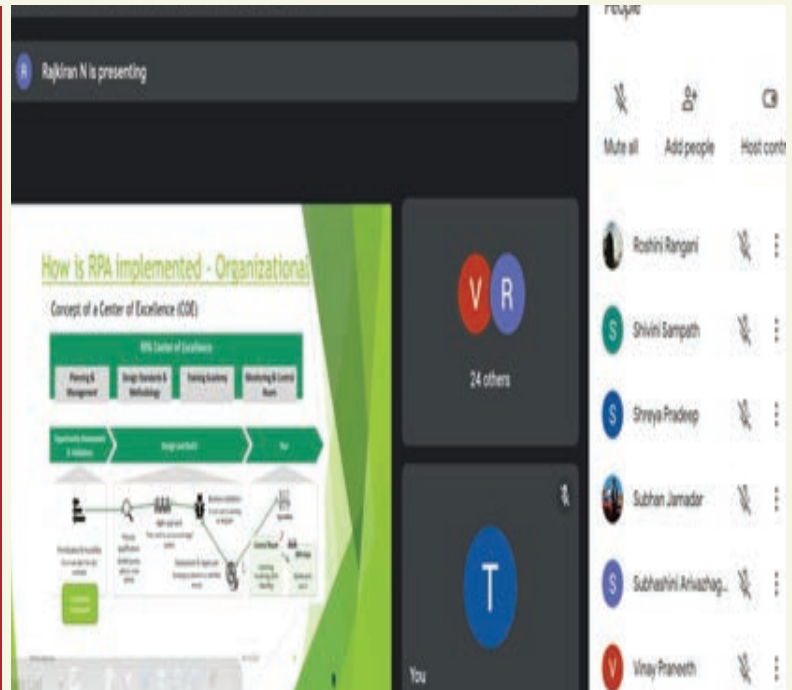
Time :
10 AM To 4 PM

NEWS LETTER

October 2021

08 Workshop on “Robotic Process Automation - A Case Study “

Department of Computer
Science and Engineering



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 from 11:00 AM to 12:00 PM. 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 demonstrated the RPA challenge work scenarios. 60 participants including 3rd /5th /7th semester B.E students and faculties from CSE have attended the session and got benefited.

From:
30/10/2021 To
30/10/2021

Time :
11 AM To 12 PM

NEWS LETTER

November 2021



01

DATA MINING ALGORITHMS

Department of Computer Science and Engineering

The Department of Computer Science and Engineering organized an Expert lecture on the topic "Data mining Algorithms" for 5th Semester students on 11th November 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 were: 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 Interpretation and Explained the Results with respect to Accuracy of the Algorithms. Total 112 Participants benefited from the Event.

From:

**11/11/2021 To
11/11/2021**

Time :

10 AM To 12 PM

NEWS LETTER

November 2021

02

Alumni Talk on “Placement and Industry Needs”

Department of Computer Science and Engineering



The Department of Computer Science and Engineering in association with the CSI Student chapter organized “ALUMNI TALK” on 12th November 2021 from 3:00 PM to 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.

From:
12/11/2021 To
12/11/2021
Time :
3 PM To 4:30 PM

NEWS LETTER

November 2021

Entrepreneurship Start-up Idea Hackathon

03

Department of Computer Science and
Engineering

The Department of Computer Science and Engineering organized an Entrepreneurship start-up Idea Hackathon for CSE students on 12th November 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), 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.



From:
12/11/2021 To
12/11/2021

Time :
2 PM To 4 PM

NEWS LETTER

November 2021

SOFTWARE AUTOMATION AND DEVOPS

04

Department of Computer
Science and Engineering

**From: 19 NOVEMBER 2021
To 19 NOVEMBER 2021**

From: 10.00 AM
To 12.00 PM

The Department of Computer Science and Engineering organized an Expert Lecture on the topic "Software Automation and DevOps" for 7th semester students on 19th November 2021 from 10.00 AM to 12.00 PM. Resource person Mr. GopalKrishnan 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.



NEWS LETTER

November 2021



Appreciation Ceremony 2018-2022 Batch(175 Credits)

05 Department of Computer Science and Engineering

From: 19 NOVEMBER 2021 | Time: 11.00 AM
To 19 NOVEMBER 2021 | To 12.15 PM

The 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 19th November 2021 from 11:00 AM to 12:15 PM in room number 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(1NH18CS738) and Atreyee Mohesh (1NH18CS708) 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 was awarded NPTEL Superstar and NPTEL Enthusiast, and Atreyee was 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.

NEWS LETTER

November 2021



TECHNOPHILIA

06 Department of Computer Science and Engineering

From: 19 NOVEMBER 2021 | Time: 1.50 PM
To 19 NOVEMBER 2021 | To 4.50 PM

The Department of Computer Science and Engineering has organized the event named "TECHNOPHILIA" under Mobile Development Club on 19th November 2021 from 1:50 PM to 4:50 PM at room numbers 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-1NH20AI035, 2nd place by Mr. Gagan P, USN- 1NH19CS052, and 3rd place by Mr. Nikhil Ravi, USN-1NH20CS141.

NEWS LETTER

November 2021

07 SECURITY AND ITS IMPLICATIONS IN UNIX OPERATING SYSTEM

Department of Computer
Science and Engineering

The poster features a dark blue background with a circular portrait of Mr. Shashank. Text on the poster includes: 'RESOURCE PERSON', 'Mr. Shashank Senior Security Analyst Elastic, Bangalore', 'NEW HORIZON COLLEGE OF ENGINEERING', 'DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING', 'IN ASSOCIATION WITH COMPUTER SOCIETY OF INDIA STUDENT CHAPTER', 'Organizes EXPERT LECTURE ON "SECURITY & ITS IMPLICATIONS IN UNIX SYSTEM"', and '26th November 2021 @ 10.00 AM-12.00PM'.

The Department of Computer Science and Engineering organized EXPERT LECTURE on the topic "Security and its implications in UNIX operating system" for 3rd semester students on 26th November 2021 from 10.00 AM to 12.00 PM. Resource person Mr. Shashank, Senior Security Analyst in ELASTIC, Bangalore addressed the session. Key topics of the event were: History of the UNIX operating systems, Properties of UNIX, Need of UNIX Operating system in infrastructure Services, Security Environment Setup, Case studies, and today's application in UNIX system. A total of 94 participants attended this event.

From:
26/11/2021 To
26/11/2021

Time :
10 AM To 12 PM

NEWS LETTER

November 2021

08

INSIGNIA

Department of Computer Science and Engineering



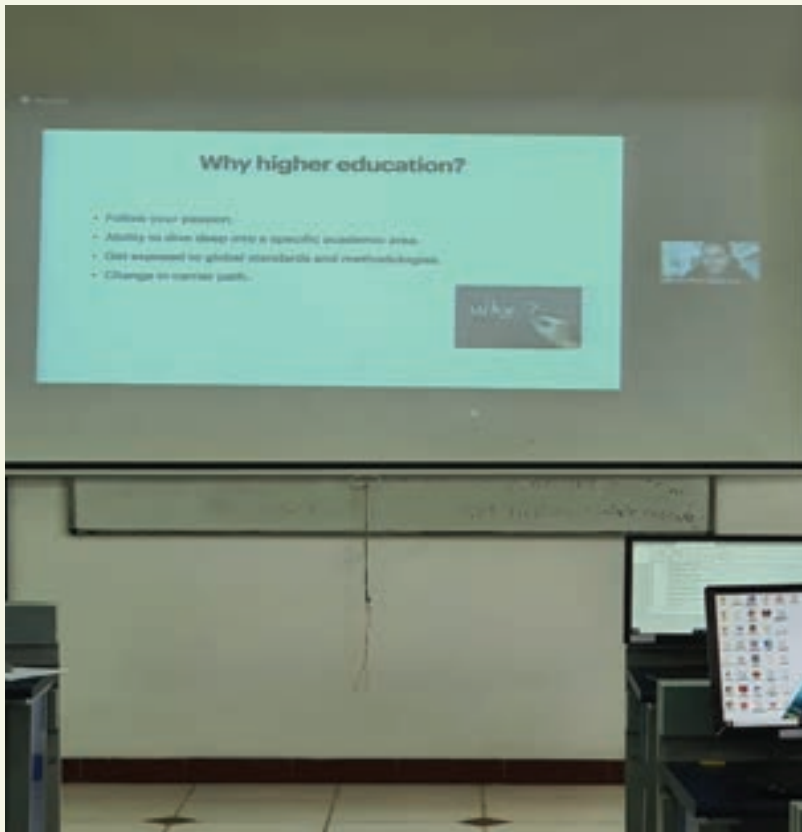
The Department of Computer Science and Engineering organized an interdepartmental event titled "Insignia" under the Business and Information Technology Club on the 26th November 2021 from 10.00 AM to 2.00 PM. The event was aimed at students who wanted to showcase their Competitive Coding abilities, their General Knowledge about Computer science, and their Pop culture knowledge.

The event was further divided into two separate events: Kaleidoscope (Quiz event) and Ingenious (coding event). It was open to all students of NHCE. A total of 100 participants took part in the event across the institution. The event was completed with enthusiastic participation and participants exhibited their technical skills properly during the event.

From:
26/11/2021 To
26/11/2021
Time :
10 AM To 2 PM

NEWS LETTER

November 2021



The Department of Computer Science and Engineering organized an Expert Lecture on “Higher Education Opportunities” for 5th semester CSE students on 26th November 2021 from 10:30 AM to 11:30 AM. Resource Person Ms. Srividhya Sivaprasad, Automotive Software Engineer, Expleo Germany GmpH, addressed the session. Key topics were higher education opportunities in Germany, choices of Courses, part-time jobs, and benefits of doing Internships. Totally 25 students participated and benefited from this expert talk.

09 Higher Education Opportunities

Department of Computer
Science and Engineering

From:
26/11/2021 To
26/11/2021

Time :
10.30 AM To 11.30 AM

NEWS LETTER

November 2021



10 Webinar on the topic “Big Data Warehouse and Analytics”

”

Department of Computer
Science and Engineering

The Department of Computer Science and Engineering in association with the Industry Institute Interaction cell (Dept. Of HRD) organized a Webinar on the topic “Big Data Warehouse and Analytics” for 7th semester students on 26th November 2021 from 12:00 PM to 01:00 PM. Resource person Mr. Satya Kiran Country Manager -Vertica, Bangalore addressed the session. Key topics of the event are Vertica Introduction, Role of Vertica in Machine learning and Data Analytics, Applications of Vertica in Industry. A total of 30 students participated and benefited from this talk.

From:
26/11/2021 To
26/11/2021

Time :
12 PM To 1 PM



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NEWSLETTER

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