

The Automaniacs club of New Horizon College of Engineering, organized an electrifying event on 20th of December 2021, called Piston Cup.

Piston Cup consisted of two rounds, 1st round which was an exciting treasure hunt and the 2nd & the final round was the piston assembly. This event was time-based. The event saw a good amount of registrations which were diverse from all the departments, but the number of teams were restricted to 20 teams, each team consisting of 3 members.

### SAE CLUB EVENT "BOX BOX BOX"



### FACULTY 27-12-2021 TO 31-12-2021

I he Department of Automobile Engineering Organized ATAL Faculty Development Program on "Electric & Hybrid Vehicle-Design, Integration and Challenges". The topics included Design and development of Electric and Hybrid vehicles, Controllers and drive trains, electric motors, energy storage, sensor technology and challenges in the field of electric and hybrid vehicles.

### **AUTOMANIACS** CLUB EVENT" PISTON CUP"

**Students from NHCE** 



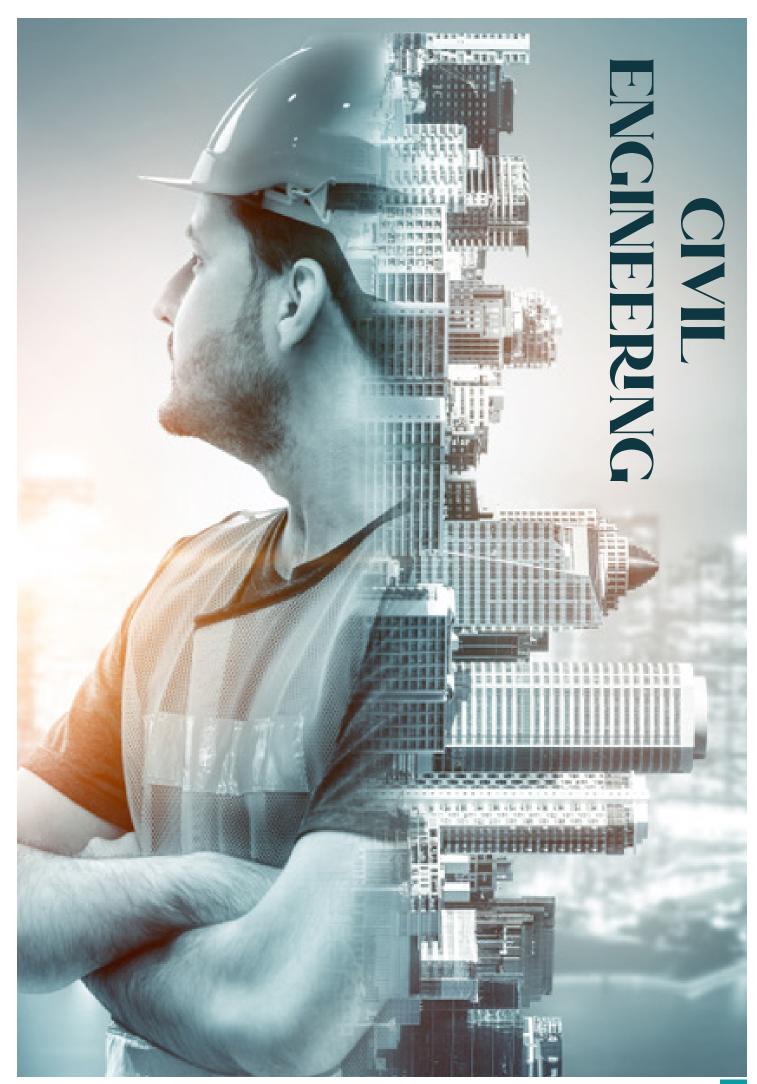
SAE club organized an event named 'Box Box Box' where the students from all departments participated in the event.

The event consisted of 3 rounds with a total of 25 teams with 3 members in each team. The first round was a logo quiz. The round 2 was called 'Memory game' .The top 5 among were selected for round 3 which was called 'Pit Stop' conducted in Automobile lab where the last 5 teams were given a task to disassemble and assemble the wheel with the least time taken for both assembling and disassembling.

> A TAL FACULTY DEVELOPMENT PROGRAM ON "ELECTRIC & HYBRID VEHICLE-DESIGN, INTEGRATION AND CHALLENGES"







### LUMNI TALKON "DON'T RUIN A GOOD TODAY BY THINKING ABOUT A BAD YESTERDAY COLLEGE OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING Presents **ALUMNI TALK** on bad yesterday let it go....

he keynote speaker for the session was Christine Geo Jose. partner at JJ Construction, council member of MABP. Christine Geo Jose is an alumnus of New Horizon College of Engineering. Today, the student's major concern revolves around the placement and its preparedness. We have certainly come a long way in terms of technologically progressing and economically, however, student community is not fully aware about the opportunities in the outside world in their stream. It is high time that we start taking our career options seriously. Christine's talk was an eye opener to many and students thoroughly enjoyed the session.



Don't ruin a good today by thinking about a



1NH19CV094 RIZWAN ALI GAZ

**BENEFICIARY** SHMHS

## WORKSHOP TITIED "CIVILEERS" ORGANIZED BY AVISHKAR CLUB OF CIVIL ENGINEERING DEPARTMENT

This workshop consisted of competitions for students like Building Out of Waste, Pictionary, Quiz followed by a technical session. The technical session was taken by Mrs. Pratima Adya, is a senior structural engineer who has immense knowledge in the Civil Engineering field and has worked in reputed companies like STUP Consulting Engineers India & Tata Consulting Engineers, Bangalore.

### COMPETITION'S "PSITHRIUM - A GREEN VOYAGE" CONDUCTED BY PRAKRUTHI CLUB





PSITHRIUM - A Green Voyage" conducted by PRAKRUTHI CLUB consisted of competitions like KRISHI MITRA- POSTER MAKING COMPETITION 4 PICS 1 WORD- WORD PUZZLE GREENSHOT NATURE PHOTOGRAPHY PAPER CHASE- TREASURE HUNT **ONE DAY** MINAR OD AND DRAUGH NITORING ISING GIS **INIQUES**" Beneficiar 21-12-2021, 10:30 -1:30 PM (IST)



CIVISTA consisted of competitions for students like MARKETING, POTTER BRAINS, INFRASKETCHING and CLUEMINATI followed by a technical session. The competitions were open to all departments of the college.



The Keynote speaker for the session was Shivakumara Nalikial, Scientific Officer KSNDMC. Mr. Shivakumara highlighted the importance of flood and draught in today's world and how this can be monitored well using GIS techniques. Mr. Shivakumara's talk was very interesting and thought provoking.

## "CIVISTA" CONDUCTED BY AVISHKAR CLUB BENEFICIARY ALL B. TECH STUDENTS

30-12-2021, 11:00 AM (IST)

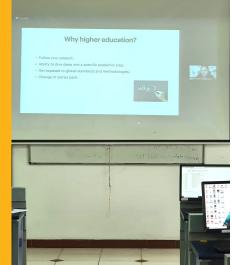
# COMPUTER SCIENCE AND ENGINEERING



#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING







### SECURITY AND ITS IMPLICATIONS IN UNIX OPERATING SYSTEM

# INSIGNIA

### HIGHER EDUCATION OPPORTUNITIES

### 26–11–2021, 10.00AM – 12.00PM

The Department of Computer Science & Engineering organized EXPERT LECTURE on the topic "Security and its implications in UNIX operating system" for 3rd-semester students on 26/11/2021 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 are: 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.

### 26-11-2021, 10.00AM - 02.00PM

The Department of Computer Science & Engineering organized an interdepartmental event titled "Insignia" under the Business and Information Technology Club on the 26th of November, 2021 at 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) 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 completed with event was enthusiastic participation and participants exhibited their technical skills properly during the event.

### 26–11–2021, 10.30AM – 11.30PM

The Department of Computer Science & Engineering organized an Expert Lecture on "Higher Education Opportunities", for 5th Sem CSE students on 26/11/2021 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 students participated and 25 benefited from this expert talk.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## WEBINAR ON THE TOPIC "BIG DATA WAREHOUSE AND ANALYTICS "

### 26-11-2021, 12.00PM - 01.00PM

The Department of Computer Science & 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 26/11/2021 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.

### EIECTRONICS AND COMMUNICATION ENGINEERING



## ONE DAY WORKSHOP ON PCB DESIGN AND FABRICATION



### 25-11-2021 3RD SEMESTER STUDENTS DR. PIRUTHIVIRAJ P

A one-day workshop on "PCB Design and Fabrication in association with IETE Students Forum for III Semester ECE Students was conducted on 25th November, 2021. A total of 66 Students participated in this workshop for a hands-on experience in the various processes involved in PCB Designing like Drilling, Etching and incorporation of electronic components on the Printed Circuit Board for more than 10 applications like Door Bell, LED Display, temperature Sensor etc. Mr. Kotresh, Director ITK Bangalore delivered the presentation and provided technical support for the students.

# TWO DAYS WORKSHOP ON ROBOTICS

5TH SEMESTER STUDENTS DR. PIRUTHIVIRAJ P

A two-day workshop on "Robotics" was conducted for the V Semester ECE students on the 13th December and 14th December, 2021. A Total of 07 teams with 28 Students participated in this workshop with a hands-on experience and takeaway Robotic Kit. The students learnt to Build and assemble the Robots with testing by Device Movement, Gyroscope sensor, Temperature Sensor using Arduino Board. Mr. Dhananjay Singh Founder & CEO, ROBOPRENR & SP Robotics Maker Labs delivered the highlights about construction of Robot, and also as the trainer of the event.



#### DEPARTMENT OF ELECTRONICS AND COMMUNICATION

## ONLINE GUEST LECTURE ON "ADVANCEMENT IN NETWORKING AND IT'S CONFIGURATION"



Convenor: Dr.Sanjeev Sharma Faculty Coordinator: Ms.Divya sharma Tessy Tomy Sr.Asst Professor

### 03-12-2021 5<sup>th</sup> SEMESTER STUDENTS PROF. TESSY TOMY

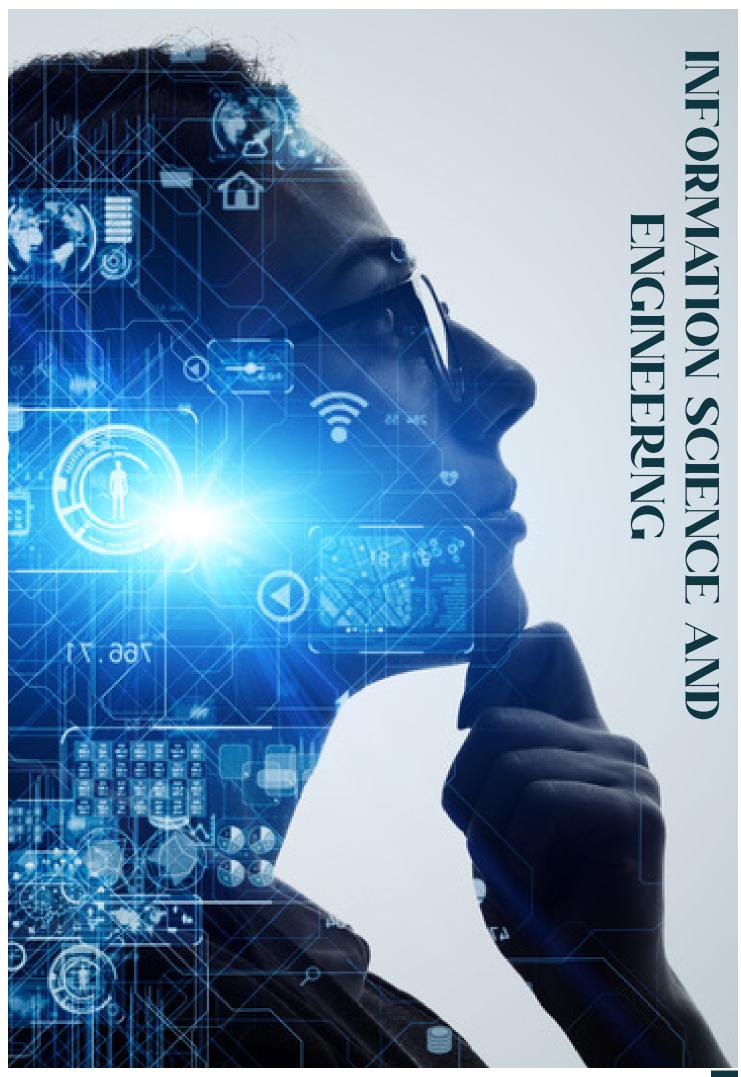
he Department of Electronics and Communication Engineering conducted an online Guest lecture on "Advancement in networking and it's configuration" on December 3rd 2021. The speaker was Mr. Raghul Prasanth E, who is working as Sr. Network Consulting Engineer at Cisco. He started with Network models and moved on to discussing the different network devices. He also made students aware of different existing LAN topologies, VLAN's etc. He threw insights on SDN and some routing concepts as well. About 120 students attended the session. It was conducted for 5th semester students.

# ONLINE GUEST LECTURE ON "AI AND ITS APPLICATIONS"

### 22-12-2021 7TH SEMESTER STUDENTS PROF. TESSY TOMY

The Department of Electronics and Communication Engineering conducted an online Guest lecture on "AI and its applications" December 22nd 2021. The speaker Mr. Rishi Jain is working as People Analytics Leader at Schneider Electric. He focused on different AI-based use cases, talking in detail about the various real time applications of AI. He discussed about various industry standards also. About 120 students attended the session. It was conducted for 7th semester students.





### EXPERT TALK ON "THINKING HIGHER AND BEYOND:OPPORTUNITIES IN HIGHER EDUCATION ARENA"

#### 10-12-2021(11:00 AM - 1:00 PM) 3<sup>rd</sup>,5<sup>th</sup> AND 7<sup>th</sup> SEM STUDENTS

he Information Science and Engineering Department of New Horizon College of Engineering in association with Indian Society for Technical Education and Computer Society of India conducted an expert talk on the topic "Thinking Higher And Beyond: Opportunities In Higher Education Arena" for all the semester students on 10<sup>th</sup> December, 2021.

The event started at 11:00 AM, commencing with short welcome speech and went on till 1:00 PM. The workshop was conducted by resource person, Mr. Allanki Jaswanth Naidu, Leap Scholar – BDM, Working as Higher Education mentor for more than six years.

The speaker provided a detailed explanation about opportunities in higher education and its industry scope. The students clarified their queries about future scope and master's degree. All the students who attended the event showed immense interest and enthusiasm and were motivated to go for higher education.

This helped our students to decide on higher education opportunities, current trends in the higher education. It also benefited students to choose countries and universities offering the higher education courses and higher education field to select based on their interest.





#### 26-11-2021(10:00 AM - 11:00 AM) 5<sup>th</sup> SEM STUDENTS

The Department of Information Science and Engineering has conducted an Alumni talk on the topic "AGILE SCRUM" for the 5th semester students of ISE Department on the 26th of November, 2021. Mr.Prashant V, an alumnus of the department was invited to conduct the same. The Speaker, Prashant V is a certified Scrum Master, currently working in HP Enterprise with more than 4 years of experience. He is also a trained Project Management Professional(PMP).



## UDBHAVA

#### 26-11-2021, 11:00 AM-4:30 PM ACROSS ALL DEPARTMENTS OF NHCE

I-SWET(G) Club of Information Science & Engineering Department conducted an event Udbhava, an intra-collegiate technical event, on 26<sup>th</sup> Nov 2021. Udbhava had three rounds in total: 1. Tech Probe, 2. Pic-Tonic, 3. Mind Sweeper

There were 140 students from various departments of NHCE participated in the event. The event Udbhava concluded without hassle & with significant cooperation from the participants in about 5 hours. The winners were as follows



## **ZYPHER** 26-11-2021 - 09:30AM-4:30PM

### ACROSS ALL DEPARTMENTS OF NHCE

VMware IT Academy Club of Information Science & Engineering Department conducted an event zypher, an intra-collegiate technical event, on 26th November 2021 The event started around 9:30 a.m. in the morning with an enthusiastic participants of 250 + students across various departments of NHCE.

Zypher had three rounds in total:

- 1. What's behind me?
- 2. Mind Martians

3. Red light green light

The entire event was based on problem solving and focused on technical knowledge.

WINNERS	NAME	USN
1 <sup>st</sup> Place	Sanjana Hombal	1NH18IS134
2 <sup>nd</sup> Place	K Krtin	1NH18IS044
3 <sup>rd</sup> Place	Shivanand Srivastava	1NH19IS150



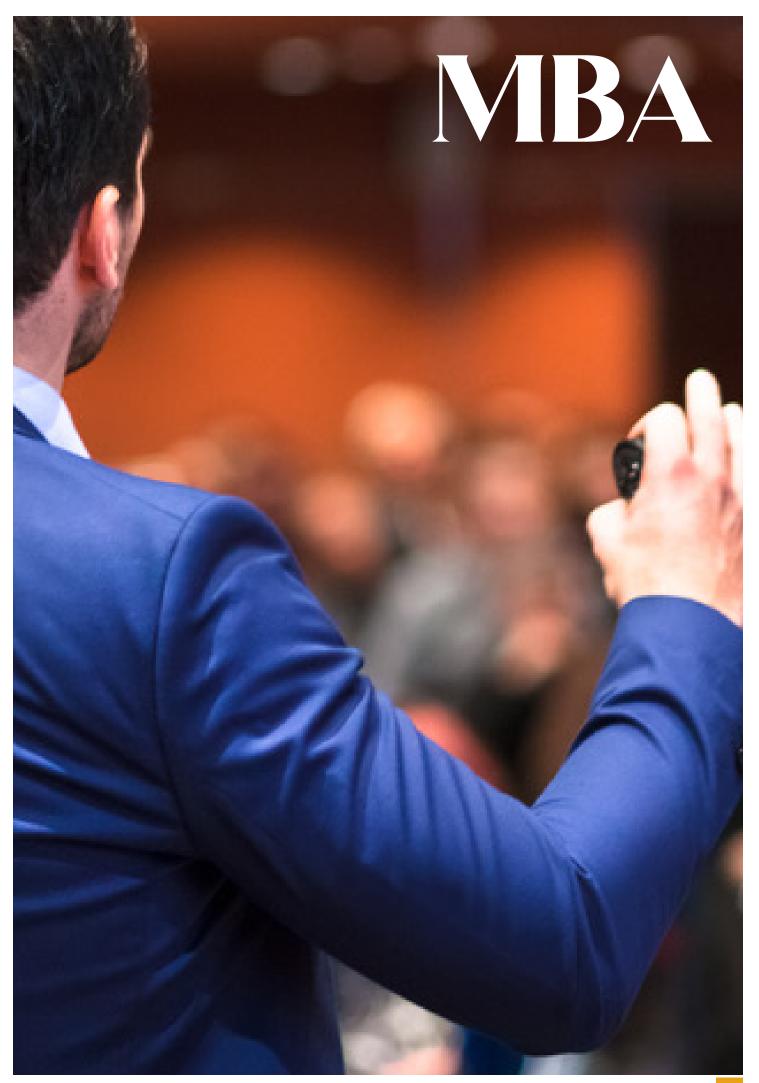
## PARENT-TEACHER MEETING

4-12-2021 - 10:00 AM - 1:00 PM PARENTS OF STUDENTS OF 3<sup>rd</sup>, 5<sup>th</sup>, AND 7<sup>th</sup> SEM



The Department of Information Science & Engineering, New Horizon College of Engineering has organized a Parent-Teachers meeting on Saturday, 4th December 2021 in ISE Department, Chatrapathy Shivaji Block, NHCE at 10:00 am. The main purpose of the meet was to create a common platform, where teachers and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of the students.

Parents of 3rd 5th and 7th attended the meeting. Respective class teachers and Subject teachers interacted with each parent and discussed their ward's marks, behavior, regularity, and discipline in the department. Parents were excited to know about the department and cherished with the Teaching Learning Process , events conducted and Placement.



#### DEPARTMENT OF MANAGEMENT STUDIES

## LOGO MAKING COMPETITION - GIVE WINGS TO YOUR IDEAS

### 11TH DEC – 14TH DEC 3RD SEMESTER STUDENTS

The Department of Management Studies, New Horizon College of Engineering, in association with ED Club and Start Up club has organized Online "LOGO MAKING COMPETITION" - Theme "GIVE WINGS TO YOUR IDEAS"

The purpose of this event was to engage the students to bring creativity and imagination based on the theme. The registration started through online registration cum submission through online google form. The registration started on 11th Dec 2021 and closed on 14th of Dec 2021. The event was open for NHCE students for all departments and for all years. around 50 Students participated out which the best logo will be selected for Mega Entrepreneurial Event. All Participants were given e participation certificate. We thank Management for providing us with necessary support to conduct the event.





The Department of Management studies, NHCE organized an Alumni talk on skills for future workforce by Mr.Rakesh.B. During the session, the speaker shared all his experiences as a student at NHCE, and also made the session a very interactive one. He gave more insight about how one can improve his/her skills and talents once we enter into the corporate and gain more necessary needful information in corporate life of an individual to seek a better future in their own career. He also explained about how one can be knowledgeable enough to survive and sustain in the corporate world. The students were so excited to take all insights and were also very interactive with him. He spoke on his current role and the organisation he was working, the way he worked from a scratch to make it up at a better position. He also spoke about the skills that an individual need to develop such as adaptability, Interpersonal skills, Leadership, Teamwork, Positivity, creativity etc... He also shared his experiences on global account manager, how it works, how to interact with clients and take up the issues and solving them.

DEPARTMENT OF MANAGEMENT STUDIES

## INDUSTRY EXPERT LECTURE SERIES

#### 18.12.2021 3RD SEMESTER STUDENTS

### NEW HORIZON COLLEGE OF ENGINEERING

#### Department of Management Studies





## ED CLUB

#### 23.12.2021-24.12.2021 3RD SEMESTER STUDENTS

The Entrepreneurship Development Cell and New horizon Centre of Innovation, Incubation and Entrepreneurship of New Horizon College of Engineering organized New Horizon Idea Hackathon.

The esteemed mentors 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.

#### The Department of Management Studies, NHCE organized Industry Expert Lecture Series on Brand Image. The Honourable speaker of this session was Mr Shyamanta, Director - Corporate Communications at Fidelity Investments India. The session aimed on helping students know about Brand Image - Storytelling and Branding. It was an informative and interactive session that helped students gain insights about Brand storytelling, with a focus on creating empathy by linking what the brand stands for with the values you share with the customers. The speaker also gave relevant examples of some of the powerful brand storytelling and also briefed how to build a brand story and how to elevate a brand by focusing on a strong human experience. We thank Dr Sheelan Misra, Head, Department of Management Studies for organizing such an insightful session that is relevant to the industry and for constantly encouraging and motivating students.

### ACUMEN

27.12.21-28.12-21

**3RD SEMESTER STUDENTS** 

The Department of Management studies, NHCE, under the Acumen club organized "Market Nest". There were two rounds, round I: Auctionate and the other was marketing & Branding. Students participated, and reached the next round by giving a tough challenge to each other, elimination process helped to screen the students for the next round. Students got an idea how in real life bidding, auction, branding and rebranding happens.

Students learnt practical aspects of various industries.

### NEW HORIZON

**Department of Management Studies** 

Acumen Club Presents

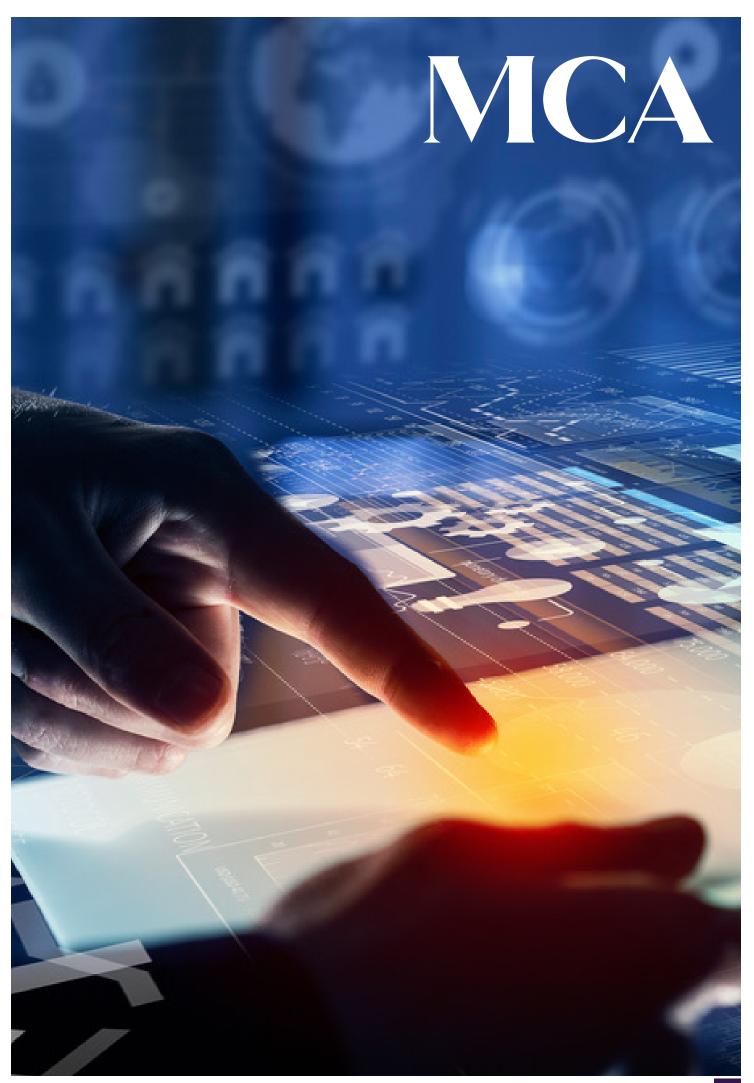
#### **"MARKET NEST"**

#### Round 1: Auctionate Round 2: Re-invent Branding Theme: Marketing and Branding

27<sup>th</sup> and 28<sup>th</sup> of December 2021
acumnenofficial@gmail.com

C 7090990363, 9916866513





# **"STRATAGEN"** A **TECHNICAL QUIZ** 17-12- 2021

### STUDENTS OF NHCE & NHC

The EDAP club, Department of MCA, New Horizon College of Engineering conducted a Technical Quiz on "Stratagem" on the 17th December 2021. "Stratagem" gave us opportunity to conduct different levels and rounds that dealt with technology-based questions. The entire event was precisely divided into three 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 EDAP club members from Department of MCA, NHCE.

Participation e-certificates were given to all the participants. The winners were awarded with special prizes.

Winners:

First Prize: Mohamed Mukthar Ali K M Second Prize: Aman Agrahari



### 21-12-2021 STUDENTS OF NHCE

The FOSS club, Department of MCA, New Horizon College of Engineering conducted an Expert Talk on "Computer Vision" on 21st December 2021. The expert talk was conducted by Rishabh Kumar, Software Engineer, Research and Development, Telaverge Communication, Bangalore to highlight the features of Computer Vision. This program was hosted by FOSS Club from Department of MCA, NHCE. It was held for students of III and V semester of MCA students to share knowledge about new applications.

The session gave us the idea about the usage of Mathematics in Computer Vision. The applications of Computer Vision were discussed in brief. The session was extremely knowledgeable. This topic was very new to us but the explanation made it really easy and interesting. It gave us the idea of how vastly and efficiently Computer Vision has been widely used in the industries. It encouraged us to learn more about it and learn about it for future works. The talk was very clear and to the point and all the aspects were discussed in details with examples and applications.

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 Computer Vision. It was very elementary and was easy to understand and was extremely interesting and also it was a very good opportunity to learn a lot of new things which will surely help us in future.

## AN EXPERT TALK ON "COMPUTER VISION"



# **"SNAP CODE" A CODING CONTEST**

#### 30-12-2021 STUDENTS OF NHCE & NHC

The FOSS club, Department of MCA, New Horizon College of Engineering conducted "Snap Code" a coding contest on 30th December 2021.

"Snap Code" gave us opportunity to conduct different levels and rounds that dealt with technology-based questions. The entire event was precisely divided into three 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.

Participation e-certificates were given to all the participants. The winners were awarded with special prizes.

Winners:

First Prize: Yashika Pathy (CSE) Second Prize: MG Bhavan (BCA)



## "SNAP CODE" A CODING CONTEST

### 30-12-2021 STUDENTS OF NHCE & NHC

The EDAP club, Department of MCA, New Horizon College of Engineering conducted "Snap Diz" a

Poster design event on 30th December 2021. "Snap Diz" gave us an opportunity to conduct different levels and rounds that dealt with technology-based questions. The entire event was precisely divided into three 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 EDAP club members from Department of MCA, NHCE.

Participation e-certificates were given to all the participants. The winners were awarded with special prizes.

Winners: First Prize: Shrusti V (MCA) Second Prize: Karan Raj (BCA)



## HANDS-ON WORKSHOP ON "ACQUIRING CODING SKILS USING OOP" 30-12- 2021 STUDENTS OF 3RD SEMESTER MCA

The Department of MCA, New Horizon College of Engineering conducted hands-on workshop on "Acquiring coding Sills using OOP" on 3rd December 2021. MCA students of III Semester attended the training and got benefitted.

Students are given hands-on training on Logic building and problem solving approach to enhance their coding and problem solving skills.



### NEW HORIZON COLLEGE OF ENGINEERING