

# QUANTUMX-22

## TECHNICAL FEST REPORT



The poster features a dark, starry background with orange and red nebulae. At the top, logos for New Horizon College of Engineering, IEEE NHCE Student Branch, AICTE, SPICES, and NHSAC are displayed. The central logo is 'QUANTUM X-22' in a large, metallic, 3D font, with 'Timelapse' written in a white script font below it. Below the logo, a calendar icon indicates the dates '8th to 10th DECEMBER 2022', and a location pin icon indicates 'NHCE Campus'. A red-bordered box contains the text 'Prizes worth 4 LAKHS and above'. A QR code is labeled 'FOR REGISTRATION'. To the right of the QR code, a list of activities includes 'Tech Events', 'Management Events', 'Workshops', and 'Expert Talks'. At the bottom, contact information for four individuals is provided, along with the website 'www.quantumx.in', an email address 'quantumx.nhce@gmail.com', and an Instagram handle 'quantum22\_nhce'.

**NEW HORIZON**  
COLLEGE OF ENGINEERING

**IEEE**  
NHCE  
STUDENT BRANCH

**AICTE**  
SPICES

**NHSAC**

**QUANTUM**  
**X-22**  
*Timelapse*

 **8<sup>th</sup> to 10<sup>th</sup>**  
DECEMBER 2022

 **NHCE Campus**

**Prizes worth 4 LAKHS and above**

**FOR REGISTRATION**



- ★ Tech Events
- ★ Management Events
- ★ Workshops
- ★ Expert Talks

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**QuantumX-22** is a techno-management fest organized by the Department of Quality Assurance and Skill Development Centre(QASDC) to provide a platform for students from various engineering and management colleges to participate, showcase their talent, and strengthen their resumes. IEEE NHCE Student Chapter and AICTE Spices collaborated to organize the fest on December 8th and 10th, 2022, for the academic year 2022-23.

## About QuantumX-22

The quantum level is the most fundamental level at which matter exists, and it is the site of all genesis. Inspired by this singularity, New Horizon College of Engineering and New Horizon College present QuantumX-22, the first of its kind to be held on the NHCE campus, from December 8th to 10th, 2022, with prize money of 4 lakhs and above. Over three days, the fest offers students from all over India a series of technical and management events- from a 24 hour Hackathon to Drone Races, from Hacker Series to Battle Bots, accompanied by Ideastorm, Best Manager, Robo Football, and a slew of other exciting events, as well as workshops and expert talks that will cater to curious minds who are eager to learn!

## **Pre -Fest:**





## Inauguration of QuantumX-22



The inaugural of "QuantumX 2022" took place on December 8th -2022, at 10.00 am, Mr. Harikrishan S.N COE Lead-Data Engineering- Brillio was the Chief Guest, and Dr. T. N. Sreenivasa Principal of Atria Institute of Technology was the Guest of Honor., Mr. Dharmesh Manghnani, President of NHCE, along with Dr. Manjunatha, Principal-NHCE, Dr. Sanjeev Sharma, Dean of QASDC, officially declared the event "QuantumX -2022" open.

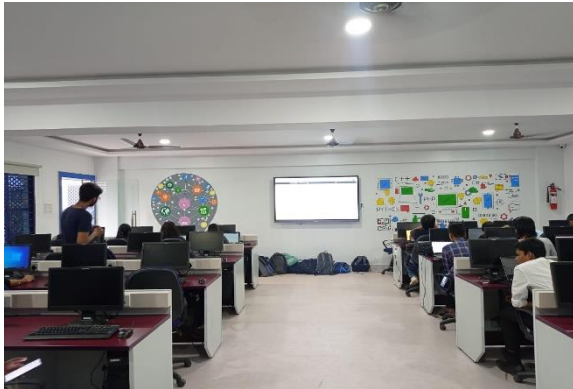
### Fast Service

Event geared toward car enthusiasts in which teams must complete car servicing in a set amount of time, much like an F1 pit crew!



## Hacker Series

In this competitive coding competition, get ready to rack your brains and put your team's coding skills to the test! Do everything possible to be the best.



## Fixed Wing Workshop

It is a workshop led by an Aerospace startup called Laikaspace aimed at the development of RC planes with fixed wings and flight experience.





## Robo Football

This exciting event in which the robots will compete in an intense football match for an exciting cash prize.



## Ideas2Fund

A pitch competition is a contest in which entrepreneurs present their business concept to a panel of judges in the hopes of winning cash or investment capital.

The pitch competition can help you get your foot in the door with the elite worlds of venture capital and angel investment. Of course, you'll want to make the best impression possible.



## IdeaStorm

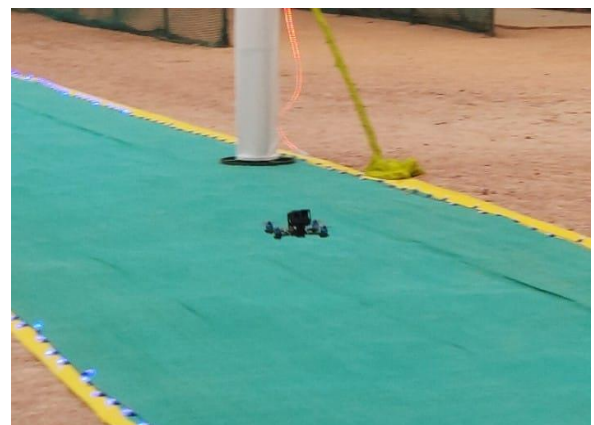
An Ideathon is a short, intensive brainstorming event designed to help young talents generate new solutions to existing community challenges.

Participants work in groups and use innovative idea generation techniques such as design thinking to brainstorm potential solutions.



## Drone Race

With the drone race, QuantumX ushers in a new era of sports that brings high-speed competition to the real world.



## Curious Minds

Do you believe you have great ideas that you can sell? In this exciting event, create a quick and user-friendly product for the common man!



## Chemical Rocketry workshop

The Chemical Rocketry Workshop focuses on building Model Rockets from the ground up!

Chemical Rocketry is a Collaborative Workshop with the Society of Space Education, Research, and Development to improve your learning experience!

Everything will be covered in detail by the experts, from the fundamentals of propulsion systems to how to launch a model rocket as, this is a completely hands-on event!





## Best Manager

Students participated in gruelling rounds to put their people skills to the test and emerge victorious!



## Arduino Workshop

QuantamX cordially invites you to gain Arduino experience with Mr. P. Vikram Kumar, a leading industry professional who will teach you from the basics to the masters.

## Cansat Launch Drop Workshop

A workshop perfectly designed to provide students with hands-on experience on a cansat module in collaboration with the organisation Black Hole.







## Full Throttle

In this RC race, rev up your engines and show off your racing skills to win exciting prizes. It's time to go all out! Set, go!



## Wizards of Dalal Street

A workshop designed to give students hands-on experience with stock simulation while, allowing participants to furnish and channel their stock market skills.



## Battle Bots

The fierce battle of the robots, in which custom-built machines fight to incapacitate each other and win exciting cash prizes! May the best bot win!





## Ethical Hacking Workshop

Are you interested in ethical hacking? Then take advantage of this opportunity to learn everything there is to know about ethical hacking in this introductory course!



## Quantum Hacks

QuantumX invites you to participate in this Sponsored Hackathon with Company Specific Tracks and Open Innovation.



## Lift-off workshop

QuantumX provides a platform where you can learn everything there is to know about drone flight simulation.



## Exhibition

Display and demonstration off the innovative skills and abilities in the QuantumX project exhibition competition.





## Data Science

The Data Science Workshop focuses on developing practical skills that will allow you to understand how to develop simple ML models.



## Web development

A workshop designed to give participants hands-on experience in developing a website for the internet.



## Chai Pe Charcha



## Chatbot Development

The name says it all! Join the ultimate work-shop for developing your own chatbot and grab your chance to work at the forefront of artificial intelligence.





## Prize Distribution

The Battle Bots, Robo Football, Drone Race, and Full Throttle events were the main attractions and liveliest events at the tech fest. For each event, the winners were rewarded with cash prizes.



The spectacular events that provided a reflection for the various participants' and viewers' senses and merriment were undoubtedly the highlights of the Technical fest, with "AICTE Spices" and IEEE NHCE student branch serving as the event's major sponsors.

Several teams from various colleges competed, and the event was judged by an external panel of department representatives. The total prize money for all winners from various colleges was Rs.400000/. Every participant received a participation certificate.

Overall, the programme exceeded our expectations, and we would like to express our gratitude to our management and executive committee members for their unwavering support and encouragement. We also appreciate our esteemed Principal's motivation and guidance. We want to thank everyone on the committee, both teaching and non-teaching, as well as the administrative, security, and housekeeping staff.

We would like to express our gratitude to students from various departments who worked tirelessly to make the "QUANTUMX-22" Tech Fest a huge success.

The QASDC Department is proud to have organised such a successful event under the guidance of Dr. Mohan Manghnani, Chairman, New Horizon Educational Institution, and Mr. Dharmesh Manghnani, President of NHCE.

Nevertheless, exceptional thanks to Dr. Manjunatha, Principal-NHCE, Mr. Surya Prakash, Registrar- NHCE and QASDC Dean Dr. Sanjeev Sharma for their timely advice and cooperation in making "QUANTUMX-22" the Tech-Fest a massive success.