Code Unnati Innovation Marathon 2.0

SAP, Edunet Foundation and Gujarat Technological University are organizing an Innovation Marathon for the students of engineering colleges from Delhi, Maharashtra, and Gujarat to promote the spirit of the Industry Revolution 4.0 and Entrepreneurship.

Through this innovation marathon, the Code Unnati Program aims to provide a platform for aspiring engineers to showcase their technical skills in addressing real-life challenges and making the world a better place. The participants must build innovative solutions to real-world problems using emerging technologies like Artificial Intelligence, Machine Learning, Data Analytics, Block Chain, Cloud Computing, and Robotics, etc.

Themes

Select a theme among the four themes mentioned below, to brainstorm and build an innovative solution based on it:

Education for All

Education forms the bedrock of societal progress, and with the rapid evolution of technology, the potential for groundbreaking advancements is boundless. Imagine creating tools that make learning more accessible, engaging, and personalized for students of all backgrounds and abilities. Picture a world where barriers to education are dismantled, and knowledge becomes a universal birthright. By choosing the Education theme, you are poised to leave an indelible mark on the future, shaping a world where every individual can unlock their full potential through the power of knowledge.

Health is Wealth

In this pivotal era of technological advancement, we stand at the precipice of unprecedented breakthroughs in healthcare. By dedicating your efforts to this theme, you are committing to a mission that holds the potential to save lives, alleviate suffering, and enhance the quality of life for millions. Imagine developing solutions that democratize access to healthcare, bridging gaps in affordability and availability. Envision technologies that empower individuals to take control of their own health and well-being, fostering a proactive approach to wellness.
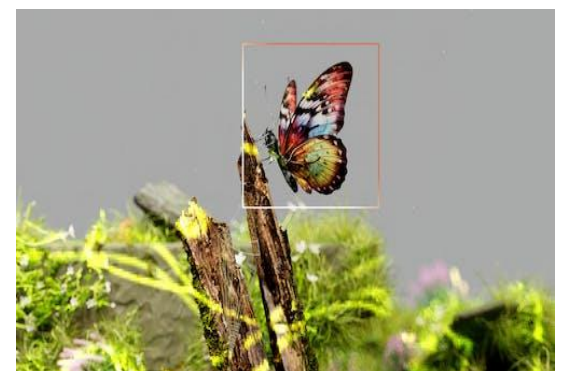

Revolutionize the Agriculture

Agriculture is the cornerstone of human civilization, providing sustenance, livelihoods, and a deep connection to the earth. In today's rapidly changing world, the need for innovative solutions in agriculture has never been more pressing. Imagine crafting technologies that optimize crop yields, minimize environmental impact, and ensure food security for communities around the globe. Envision systems that empower farmers with knowledge and tools to navigate the challenges of a dynamic agricultural landscape.

Environment & Climate Sustainability

In an era where the health of our environment hangs in the balance, the need for transformative solutions has never been more urgent. This theme calls upon you to be pioneers of change, to forge pathways towards a sustainable future where humanity and nature coexist in harmonious balance. Imagine devising technologies that mitigate the impacts of climate change, harness renewable energy sources, and foster resilient ecosystems. Envision systems that empower communities to adapt, thrive, and flourish in the face of environmental challenges.

Who can Participate?

The 2nd, 3rd, or Final year engineering students of the branches like Computer Science, Information Technology, Electronics, Electronics and Communications, and other circuit branches from the states of Gujarat, Maharashtra, and Delhi.

Participation Fees

Participation is totally free of charge.

Benefits of Participation

Learn via mentorship from industry and academic experts by attending the masterclasses and boot camps.

Present your idea prototype to the panel of industry experts in the Innovation Marathon Regional and State Level events.

Earn Certificates accredited by SAP, Edunet Foundation and Gujarat Technological University along Trophies and Medals.

Stages of Participation

Stage 1: Registration
At this stage, the participating teams will register themselves on the official website of Code Unnati Innovation Marathon 2023-24 by filling in all the required information.

Registration will open from Dec 1st, 2023

Stage 2: Preparation
Once successfully registered, the next stage is preparing for the innovation marathon. You can prepare in the following ways:

Self-Learning Resources: The Code Unnati team will provide you with self-learning resources, which can be accessed under the Team's Dashboard and can be accessed easily by logging on to the official website.

Master Class Sessions: The Code Unnati team will conduct regular live sessions on the latest technologies like Artificial Intelligence, Machine Learning, Data Analytics, Blockchain, Cloud Computing, and Robotics, etc.

Doubt-Solving Sessions: The Code Unnati team will also organize regular doubt-solving sessions where participants can discuss and resolve their doubts with experts.

Mentorships and Industry Expert Interaction: The participating teams will get mentorship and the opportunity to interact with Industry experts to build innovative projects.

Stage 3: Submission
Next, you must complete the online submission as per the rules and regulations of the Innovation Marathon. Every team must complete the submission to earn the participation certificate.

The last date to submit your project is 29th Feb 2023.

Stage 4: Regionals

After the successful submission of your project in online mode and passing the online verification and screening, the top 30 teams of that region will be invited to the regional level to compete. All participating teams will earn regional-level certificates.

The Regional Levels will be hosted in the following places:

- Pune
- Ahmedabad
- Anand
- Vadodara
- Surat
- Delhi

Stage 5: The Grand Finale

The top 50 teams will be selected from the regional-level events and invited to the Grand Finale at **Gujarat Technological University, Ahmedabad.**

Guidelines

- Only the 2nd, third, or Final year engineering students of branches like Computer Science, Information Technology, Electronics, Electronics and Communications, and other circuit branches should participate.
- The participating team must belong to the states of Gujarat, Maharashtra, or Delhi.
- The team size can be between 2 to 5 students.
- The project should be aligned with the themes of the Innovation Marathon.
- Only 1 project submission is allowed per team.
- The project submitted should be authentic and made by participants only.
- The project must be using emerging technologies like Artificial Intelligence, Machine Learning, Data Analytics, Block Chain, Cloud Computing, and Robotics, Internet of things, cyber security etc.

- You can also make software-based projects and in the case of hardware-based projects, any open-source hardware like Raspberry Pi or Arduino can be used.
- For successful Online submission, you must submit the following things:
  - Project Description (100-150 Words)
  - Project Presentation (up to 10 Slides)
  - Project Report (A detailed report in pdf format)
  - Project Video (5-7 mins)
- For successful participation in the physical events (Regional and Grand Finale), you must come up with the following things:
  - Prototype of Innovation
  - Banner or Poster (Optional)
  - Laptop or Tablet

Timeline

S.No.	Activities	Schedule
1	Registration of Teams & Project Ideas	01/12/2023 to 26/01/2024
2	Master Class Sessions, Doubt-Solving Sessions, Mentorships, and Industry Expert Interactions.	01/02/2024 to 20/02/2024
3	Project Submissions	01/02/2024 to 29/02/2024
4	Regional Level Events	01/03/24 to 15/03/24
5	The Grand Finale	3rd week of March 2024

For any further information
Email us at:

codeunnati@edunetfoundation.org

gset_sdc@gtu.edu.in

Apply through the following website
https://cu-innovation.edunetfoundation.com
Scan the QR Code to **register**

Contact: +91-7775030190, 8849348608