Gujarat Technological University

Graduate School of Engineering and Technology

Minute-to-Minute Schedule

Of

"GTU- Code Unnati Innovation Marathon 2023-2024"

Under the

GTU – Code Unnati CoE in Emerging Technology

On 20th Feb 2023, GTU signed the MOU with the Edunet foundation to enhance the skills of students in Emerging technologies. In this regard, GTU organized an "Innovation Marathon" in collaboration with the Edunet foundation and SAP, India.

SAP, Edunet Foundation and Gujarat Technological University are organizing an innovation marathon for the students at engineering colleges from Delhi, Maharashtra, and Gujarat to promote the spirit of 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:

1. **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.

2. **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.

3. **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.

4. **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.

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.

In this marathon, 500 teams applied to participate with their innovative ideas. After the first round 120 teams qualify for the second round. At last, 25 teams were selected for the final round at GTU on 28th March 2024.

we have launched the marathon from the date 01/12/2023, and the total registration details of the team members are as mentioned below:

Innovation Marathon 2.0			
Region	Number of Institute	Registered Teams	Registered Students
Gujarat	41	338	1188
Maharashtra	8	231	819

Delhi	7	44	147
Total Participation	56	613	2154

In this Marathon event Dr. Pankajray Patel, (I/C) Vice-chancellor GTU, Prof. (Dr.) S. D. Panchal, Director, GTU-GSET, Shivani Sinha, from SAP, and Vaibhav Ostwal, Director-Edunet foundation remain present for the final round of the marathon. Among these 25 teams and 120+ students, three teams were declared as a winner and they were awarded by the GTU, Edunet Foundation, and SAP, India.

In this program, students were welcomed by Prof. (Dr.) S. D. Panchal, Director, GTU-GSET and motivated by Dr. Pankajray Patel, (I/C) Vice-chancellor GTU.