







डॉ. संतोष परचुरे संचालक

विद्यार्थी विकास मंडळ गणेशखिड, पणे - ४११ ००७.

संदर्भ क्र. विविमं/२०२१-२२/३५९

दि. १२/०५/२०२२

प्रति,

मा विभागप्रमुख / संचालक / प्राचार्य.

सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्नित सर्व महाविद्यालये व मान्यताप्राप्त परिसंस्था , विद्यापीठ परिसरातील सर्व शैक्षणिक विभाग पुणे ,

विषय : Xpecto 22 या टेक्निकल फेस्टमध्ये सहभागी होणेबाबत.

महोदय / महोदया,

विज्ञान आणि तंत्रज्ञान परिषद (SnTC), IIT मंडी यांच्या वतीने दिनांक १४ मे ते १६ मे २०२२ या कालावधीत Xpecto 22 या पहिल्या स्वतंत्र तांत्रिक महोत्सवाचे आयोजन करण्यात आले आहे. या संदर्भातील सबंधित संस्थेचे पत्र आपल्या माहिती व उचित कार्यवाहीसाठी सोबत जोडलेले आहे.

Xpecto 22 या टेक्निकल फेस्टमध्ये सहभागी होण्यासाठी आपल्या महाविद्यालयातील / परिसंस्थेतील / विभागातील विद्यार्थ्यांना प्रोत्साहित करावे. याबाबत आपण आपल्या स्तरावर योग्य ती कार्यवाही करण्याबाबत संबंधितांना सूचित करावे.

सोबत वरीलप्रमाणे :

डॉ.संतोष परचरे

संचालक

विद्यार्थी विकास मंडळ

SnTC, IIT Mandi presents

S Z T C

XPECTO



IIT MANDI'S INTER-COLLEGE TECH FEST



XPECTO is the first independent inter college technical fest of IIT Mandi organized by the esteemed Science and Technology Council (SNTC), IIT Mandi. XPECTO aspires to compile variety of the country's brightest minds beneath one roof and supply them with distinctive and exciting expertises in science, technology, and management through the excess of events starting from intense workshops to hackathons, contests, conferences, and entertaining shows. It is a platform for learning, experiencing and networking through interaction and collaboration.

CONVENDES AUDRES

We would like to introduce Xpecto 2022 on behalf of Indian Institute of Technology, Mandi as an unfathomable and diversified fusion of technological skills, knowledge, and talent. We have committed to Xpecto in order to provide a platform for people to demonstrate their skills, meet, bond, mingle, grow, and most importantly, learn. We believe you will be able to demonstrate your abilities while also learning the most from Xpecto.

Paras Jain

Lalit Mudgal

Surendra Singh

HAT'S IN IT FOR YOUR

- The tech culture in XPECTO is poised to be a vibrant affair that will blow minds with a variety of various tech events and fun events, as well as an opportunity to put your ideas into actions.
- Competing against various competitors from different colleges will give you an exuberant engagement in XPECTO.
 - Participants will learn a lot from XPECTO thanks to TED-Talks from speakers with different expertise and workshops.
- Grand rewards worth more than ₹ 10 Lakh among various events wait for the respective winning teams.



Dementia

An Inter College Programming Contest where individual participants will be given competitive programming problems to solve.

Frosthack

An innovation-based hackathon where individual participants will be given real life problems to solve.

Vision Verse

The ML based event that will address the issue of crop monitoring that farmers face every day. It is up to you to create an algorithm and an ML model for a given dataset, which will put your analytical, logical thinking, and coding skills to the test.

AIR VELO

A competition in which you must design commercially viable hubless e-bikes. Try to come up with a small design that has all of the necessary functions and can be mass-produced cheaply.

Wires and Wonders

An electrical simulation event in which the participants will be given an option to select the problem statement out of given themes and will be directed to give their solution on Tinkercad/Wokwi/Raspberry Pi Azure IoT Online Simulator or as a video simulation of a real life system constructed.

Vecto Hill Line

A competition in which you must connect mountainous terrains and mountains using metro connectivity and electric vehicles. Allow your inner engineer to take care of this by devising a practical solution.

Pitch_Terra

An idea pitching event in which participants will be given particular environmental concerns and asked to come up with a biotechnological solution as well as a business plan to address them.

Somehow, I Manage

This event will assist participants in developing the entrepreneurial skills required to successfully run a firm or business. Participants will take on the position of a manager and tackle the real-world challenges, problems, and difficulties that businesses encounter on a daily basis.

Calaeno (Astrothon)

Participants will obtain a thorough grasp of EM spectra and pulsar radiations, as well as be introduced to the application of ML in astronomy. In order to detect pulsars, participants will have to analyse data produced by ground-based pulsar telescopes and train an ML model.

ARCHGAMI

This is a parametric design competition in which you will be required to create a model out of origami paper or cardboard. This event will test your ability to think creatively and mathematically as you draw or build a similar temporary living structure.

RACHNA (AutoCAD Designing Competetion)

A design competition which will require you to unravel problem statements as per requirements using AutoCAD. All young enthusiasts who wish to show off their civil engineering drawing talents to the rest of the tech world are welcome to participate in this event.

GaLacTiC EyE

Building an astronomical observatory in a convenient location improves learners' interest in astronomy and astrophysics. An observatory designing event where participants will use 3D design software such as Solidworks, AutoCAD, or Fusion 360 to create an observatory on a specific plot that is open to the public for stargazing, astronomical study, and research.

\Epidemic

A modeling and simulation competition in which teams must address data acquisition, preprocessing, subsequent modeling, and inferential analysis of situations during a simulated epidemic with the goal of predicting the type and timing of preventive operations ahead of time.

Zion-CTF

A competition that intends to bring together a large number of students and cybersecurity enthusiasts to demonstrate their hacking abilities and discover new strategies and ways of exploitation. The event seeks to design problems that expand players' understanding of subjects such as cryptography, cyber-forensics, web exploits, binary exploits, and reverse-engineering.



FUN FUNTS

Terrific Trails

It is a problem-based scavenger hunt where the story will progress as you keep on solving problems and finding clues. The problems are derived from a variety of fields ranging from Logical to Code-based problems.

Codenames

A team based guesstimate event. You have the opportunity to become a spy.

AND MANY MORE SUCH EVENTS, YOU WILL BE SURPRISED;)







D3Bug Hackathon



Robowars



ML/AI/IOT Workshops



Junkyard Wars

UTKARSH 2KIS



CADX Event



Webminar on Concrete Technologies



Dam Visit



Viaduct Event

ASTRAX + FROSTHACK



AstraX 2k19



Remote Talks by Keynote Speakers



Workshops



Astrothon



	Participants	Rewards
FROSTHACK	1500	₹2,50,000
ASTRAX	1000	₹1,00,000

SPREAD THE FLARE!

XPECTO can get to your doormat but not into your dormitories!

Get a chance to be the face of the fest and win exciting prizes, including XPECTO merchandise and certificates.

Become our Campus Ambassador, spread the word among your mates and share our posts.

For more details, get in touch with us and take this technical extravaganza to heights never seen before.



CONTAET

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