

PRE-CONDUCTION REPORT

Inter IIT Tech Meet is the annual technological competition organized by the Indian Institutes of Technology and qualifies as the only technical event wherein all the IITs participate. The forte of this meet lies not only in its spectacular display of technical acumen, but also in its wide platform for entrepreneurial undertakings and social initiatives. We believe in fostering the spirit of innovation and igniting young minds towards a more technologically and economically viable future.

Inter IIT Tech Meet comprises of ardent competitions, exhibitions, illuminating talks and exhilarating pro-nights that inspire, enthrall and mesmerize the massive hordes that attend. With IIT Kanpur hosting the 5th inter-IIT tech meet during 25th-26th March, we welcome all IITs as they compete for the coveted General Championship Trophy.

This time IIT Kanpur is hosting the 5. Inter IIT Tech Meet on 25. and 26. March'17.

CORE TEAM -

NAME
Ayush Shakya
Anvesh Jadon
Abhishek Bansal
Kushal Kumar
Ishank Modi

ACCOMMODATION -

We are expecting a participation of 280 Boys and 20 girls from following IITs –

Kharagpur	Tirupati
Guwahati	Madras
Roorkee	Kanpur
BHU	Indore
Bhubaneshwar	Ropar
Gandhinagar	Patna
Jammu	Mandi

Boys will be accommodated in student rooms of GH2 (top 2 floors – around 100) and Hall 12 (vacant ones – around 200) and girls will be accommodated in one wing of Hall 13



Messing - Messing will be provided in two halls, in Hall 12 for Hall 13 and Hall 12 residents and in Hall 4 for GH2 residents and will be provided on the basis of their Hospitality Booklets.

COMPETITIONS -

- **Human Computer Interaction (IME C4, Day-1, 5 pm-8 pm):**

Participants have to build a system that makes our daily use control systems easier, cheaper and smarter. They have to build a model of Gesture and Voice controlled Smart System. The one with innovative and easily applicable model wins.

- **Dashboard (KD101, Day 2, 9 am - 2 pm)**

In an attempt to build a common platform for our campus with easily accessible resource host which can which shall run on Chrome, Firefox or may also have its own WEB UI. The backend must help in storing information, curating events / notifications for the user. Dashboards will be judged on the basis of UI, functionalities and innovativeness.

- **Indoor Localisation (Multipurpose Room, Day 1, 12 pm - 5 pm)**

GPS is being used widely for outdoor positioning now-a-days. We aim to provide a stable Indoor localisation system with the competition where participants are required to make a bot that can find directions and follow objects according to WiFi signals and position itself. The one that follows the path accurately wins.

- **Case Study (IME C3 , Day 1, 12 pm - 6 pm)**

We will be circulating a case to each team 12 hours before the competition and participants are expected to present a report explaining the solution of the problem presented in case. Reports will be judged on the basis of Creativity, Mathematical Application and presentation skills.

- **Markovation (IME C5, Day 2, 10 am - 2 pm)**

Marketing is no longer about the stuff you make but about the stories you tell. In order to test the business knowledge of participants, competition will comprise of Business Quiz, Creative Website Designing based on particular theme and an On-the-field unannounced Round. Round 1 and Round 2 will comprise of 30% each and Round 3 will be of 40% and will be a deciding factor in case of tie.

- **UAV Designing Challenge (IME C5, Day 1, 4 pm - 7 pm) (Airstrip, Day 2, 8 am - 11:59 am)**

In this event, participants have to design, fabricate and fly a wireless remote controlled aircraft. Entries will be judged in two fields, firstly on a technical presentation which comprises of 40% and then a Flight Demonstration that consist of 60%.

- **Eyes on the Sky (Astronomy Club, Day 1, 12 am - 2 am) (Airstrip, Day 1, 8 pm - 5 am (Next Day))**

This event will again be organized in two parts - Messier Marathon and Planetarium Simulation. In first part, the basic objective is to locate the as many messier objects as possible. In later part, participants has to answer some questions based on simulation of planetarium of Astronomy Club, IIT Kanpur.

- **Product Exhibition (LHC Foyer, Day 2, 12 pm - 5 pm)**

IITs have always made innovative and fascinating projects. Through this event we wish to invite various such projects from all IITs and exhibit them. Entries will be judged on the basis of Innovation, Fabrication, Efficiency, Social Impact and Novelty of Idea.



- **Stock Market Analysis (KD 101, Day 1, 12 pm - 5 pm)**

Predicting stock market is a really tough job in today's world in spite of so many algorithms. Participants are supposed to come up with algorithm for prediction of stocks based on previous data using Machine Learning. Judging will be based on Relevance of news article, Visualisation and Novelty of Ideas.

INITIATIVES

- For the first time, competitions in 8 fields is being organised. We have aimed to bring competitions in all current major fields related to Science and Technology.
- Judging preference is also given to Social Impact by the participants' entries in aim to emphasis on Social applicability of projects brought up in Inter-IIT competitions.
- Welcome Kit is being provided to each participant to ease their stay in here.

FINANCE

Hospi Booklets	15000
Medals	34500
Certificates	16500
Flags	25200
Carry Bag	10500
Welcome kit	17500
Cots	9000
Mattress	20000
Lodging	21000
Fooding	70000
T-shirts	53650
Hoardings	20000
Technical Components	60000
Logistics	40000
Total	412850

INSTRUCTIONS

- All the participants must carry their college ID cards and booklets (Issued by hospitality cell) during the festival and should produce the same on demand.
- Participants are also required to carry their NOC's along with them Consumption of liquor or any other intoxicant or smoking is strictly prohibited.
- Any kind of indiscipline during any time of the festival shall lead to strict disciplinary actions against the contingent concerned.





- Entry into academic area is prohibited after 11:59 PM.
- Entering into the restricted areas shall lead to strict disciplinary actions.
- No consumption, storage or carrying of any intoxicant substances or smoking at the place of accommodation.
- Male participants are not allowed to enter any of the girls' accommodation (Hall and quarters).
- Girls are allowed to visit boy's hostel from 6 AM to 11:59 PM with confinement to central quadrangle and canteen.
- Entry in the accommodation rooms is strictly not allowed Participants should not damage any hall property.
- Observe the rules and regulations of the respective places of accommodation.
- Cooperate with respective HECs and hall residents

Regards,
Team Tech-Meet'17

