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IEEE Bangalore Section Hackathon

Theme: Smart Solutions with Data Intelligence

2 -Day physical event across six locations
29-30 April, 2023

IEEE Bangalore Section has been conducting hackathons regularly through its societies and councils. However, this is the first edition of **CodXpress**, a section-level hackathon, with three subsections – Mangalore, Mysuru, North Karnataka, and multiple societies chapters of IEEE Bangalore Section.

This is aimed at honing students' problem-solving abilities and hands-on learning.

During the hackathon process, they will also be mentored by senior professional

members of IEEE. Participating students will be able to solve problems in the space of data intelligence in Robotics, Smart Grid, Health Tech, and others. For Example:

- Given a Black-Box AI model used in an autonomous navigation system, the goal is to extract an equivalent of the Model functionality with the least number of queries.
- Given a Dataset, build an AI model to diagnose a medical condition. Build explanations on the model which can be used by the doctor for further investigation.

- UG/PG students from India in teams of two to three can participate.
- All the ideas/projects should align with the theme, "**SMART SOLUTIONS with Trust preserving data intelligence**".
- Teams may have their own mentors. Mentors are not required to attend hackathon.
- Ownership of IP would be with the respective teams proposing the idea.
- Each team must provide any 3 options out of 6 venues in the order of their preference.



The winning teams will receive attractive cash prizes totaling up to 2,00,000/- INR.

The selected IEEE Bangalore Section teams will be guided further for IEEE Global Xtreme

VENUES
BANGALORE
RV College of Engineering
Nitte Meenakshi Institute of Technology
Amrita School of Engineering
MANGALORE SUBSECTION
PES Institute of Technology and Management, Shivamogga
NORTH KARNATAKA SUBSECTION
KLS Gogte Institute of Technology, Belagavi
mysore subsection
Amrita Vishwa Vidyapeetham, Mysore
IMPORTANT DATES
Event Release:
26 January 2023
Submission Start date:
01 February 2023
Submission End date:
05 March 2023
Acceptance Notification:
14 March 2023
Last date for Hackathon Registration:
21 March 2023
Hackathon date:
29 – 30 April 2023

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EDUCATION TRUST




IEEE
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**REGISTRATION &
SUBMISSION PROCESS**

EVENT PROCESS

**NOTIFICATIONS
SELECTION & JURY
DECISION**

1. No fee for the **FIRST** submission
 2. The team should consist of atleast **ONE IEEE MEMBER**.
 3. Problem statement and abstract submission in pdf format should be submitted through the Conference Management Tool - CMT portal - <https://bit.ly/CodXpress>
 4. Download the submission template from <https://bit.ly/codex2023>
 5. Upon selection to the second phase of the hackathon, a nominal registration, non-refundable fee of **INR 600/-** needs to be paid.
 6. Upon selection to the second phase, Registration needs to be via notified **Registration Portal**.
 7. Though it is not encouraged, Multiple submissions are allowed in the first phase; i.e. a member can be part of two teams in the first phase.
- Participating teams will be given ID (Admit card)
 - They will have to report to the designated venue before time (communicated later)
 - The food, refreshments, sleeping bags/rest places typical of the night-long hackathon would be provided along with the necessary stationary and consumable items at the venue. However, the participant may bring their bedsheet, towel, etc.
 - Shortlisted teams need to bring their laptops with the required hardware/software.
 - No travel grant will be provided to participants to join the event.
 - The hackathon has a two-phase selection procedure.
 - **FIRST PHASE –**
 - The technical organizing team will evaluate and shortlist based on novelty, content quality, and other parameters and notify the shortlisted teams via email.
 - **SECOND PHASE-**
 - The expert panel would evaluate the teams during the event at the venue to decide about the awards/winners.
 - The Jury decision is final.
- Selected teams will be notified through email.
 - Teams shortlisted will be intimated about the allotted venue and the registration link through mail

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IEEE Mangalore Subsection



IEEE ComSoc



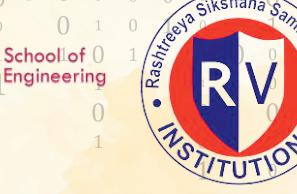
**Bangalore
Chapter**

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