INTER IIT
TECH MEET
MADRAS

Students'
Academic **C**onference

Students Academic Conference

Academic research is an integral part of technology and is necessary for pushing the boundaries of the capabilities of technology, by exploring new avenues and also granting us better understanding of the world. The Students' Academic Conference offers a unique opportunity for undergraduate and postgraduate students from all disciplines to present their research work and network with like-minded people who share the same research interests. The conference is an endeavor to appreciate and provide a platform for students' research capabilities and tying their importance to the development of technology in the country.

Theme

India is on a mission to bring about a shared global future for all through the *Amrit Kaal* initiative with a focus on the LiFE movement which aims to promote environmentally-conscious practices and a sustainable way of living. As such, we would like to invite papers that align with any of India's G20 priorities

- Green Development, Climate Finance and LiFE,
- Accelerated, Inclusive and Resilient Growth
- Accelerating Progress on SDGs
- Technological Transformation and Digital Public Infrastructure
- Multilateral Institutions for the 21st century
- Women-led development

Guidelines

All papers that are submitted must have been presented in a conference or published in a reputed Journal.

Note: The first author of the paper must be a current student of the institute.

Each IIT is allowed to submit ONE paper per category, a maximum of FIVE papers overall.

- Each category shall be judged by a unique panel of judges.
- The first round will be a Poster Presentation Round.
  - The three best posters/papers from each category shall be selected to present their research work and the IIT will receive bonus points in addition to the participation points (detailed below).
- The second round will be a Presentation (PPT) Round, where shortlisted papers (from each category) shall present to a final jury,
  - Three presentations will be awarded as "Best Papers"

The categories are divided as follows, with the judging panel consisting of eminent professors from the disciplines specified in the category. Papers selected for representation in a certain category will have to fall under the domains specified for the category. A paper cannot be entered into more than 1 category

Category 1	Aerospace and Aeronautical, Civil, Mechanical and Ocean Engineering, and Applied Mechanics
Category 2	Chemical and Energy/Environment Engineering, Applied Mechanics, Bio-Science/Bio-Technology, Agriculture and Rural Technology
Category 3	Mechanical Engineering, Materials Science and Engineering, Nano-Technology, Engineering Design and Robotics
Category 4	Computer Science, Information Technology, Communication Technology, Data Science, Artificial Intelligence, Machine Learning, Electrical Engineering, Electronics Engineering
Category 5	Maths, Finance, Quant, Physics, Chemistry (and other sciences), Management Studies, Humanities (other such relevant fields)

Submission

- Paper
    - Proof of Presentation in Conference [or] Proof of Publication in a Journal
    - Date of Presentation/Publication
- Report (maximum of 200 words)
- Poster [template]
    - Project Name
    - Abstract
    - Method
    - Results & Conclusion
- Presentation
    - 5 minutes for presentation followed by 3 minutes for questions

Evaluation

Maximum Score (per paper): 30 + 5

- Each paper presented by an IIT in each category of SAC will earn 30 points,
- For each category, the top three papers for that category will earn an additional 5 points,
- The top three papers/presentations will be awarded with a "Best Paper" award (with no additional points)

Judgment Rubric

Judges will follow the following rubric to judge the papers in the first round, to ensure minimal bias and granularity in judgment. The scores from each judge will be normalized and tallied, and shall be used to determine the top 3 papers in each category.

Relevance to SAC theme, and scientific relevance	5
Scientific significance	10
Originality	10
Acknowledgement and knowledge of prior work	5 + 5
Organization	10
Clarity of presentation	10
Clarity of tables, figures and illustrations	10
Completeness and correctness	20
Free of commercialism	5
Title and abstract clarity	10
Total	**100**