VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

KT marg, Vasai (w), District- Palghar 401202

Oscillations'24

Technical Paper Presentation

Rule Book

TECHNICAL PAPER PRESENTATION:

Stages and Timelines

Outline

Participants are supposed to upload an outline (abstract) of their project idea before the given deadline.

Event Date: 5th April, 2024

Students who have registered will have to present their papers and PPT presentations in the Final Round conducted in VCET College.

All that you need to know about - Technical Paper Presentation 2024

TPP (Technical Paper Presentation) is an intercollege student technical paper presentation annually organized VCET in order to give due recognition to the inquisitiveness and creativity of students. We invite the brightest minds to come and compete in TPP 2024 to showcase their research work and win accolades and exciting prizes.

Research papers in Technical Field related to

Track 1

- Mechanical System Design & Development
- Renewable & Non Renewable Energy
- Industry 4.0
- Electric Vehicle
- AI and ML application to Mechanical Systems.

Track 2

- Microcontroller & Embedded Systems
- IoT and Industry 4.0
- Signal , Image ,Speech & Video Processing
- Emerging Wireless Communication Technologies
- VLSI Applications
- Automation using PLC,SCADA and DCS
- Biomedical Instrumentation

Track 3

- Data Science
- Artificial Intelligence
- Machine Learning
- Robotics
- Deep Learning
- Natural Language Processing

Research papers in Technical Field related to

Track 4

- Cloud computing & Big Data Analytics
- Web of Things
- Cyber security & Blockchain
- Mobile & Web Application
- Soft computing

Track 5

- Concrete Technology & Structural Engg.
- Construction Technology & Management
- Geotechnical Engg. & Transportation Engg.
- Water Resources Engg. & Fluid Mechanics
- Environmental Engg. & Solid Waste Management

Track 6

- IKS based Approaches in Maths, and Physical Sciences.
- Indian Perspectives on maintaining Physical and Psychological Health.
- Ancient Indian Traditions of Architecture and Its Application to
- Modern Civil Engineering
- Indian Traditions of Sustainable Agriculture and Food Preservation.
- The Promotion of IKS through the medium of Indian Languages.
- Traditional Indian Practices of Conserving Water and Environment.

What's at stack? -Rewards and Prizes

- Win Prize Pool worth- **₹1,00,000.**

- All the participants will receive a certificate of participation.

General Rules

- The Contest is open for all students of Indian nationality actively pursuing.

- An undergraduate degree in educational institutes across the country.

- Students from different educational institutes and any discipline/ department/ stream are all.

- Registration fees - **= Rs.200/-**

- Registration Fees **= Rs.150/-** Student Membership of professional bodies

- Participants are supposed to send an abstract of their project idea at

  Track 1 - track1@vcet.edu.in

  Track 2 - track2@vcet.edu.in

  Track 3 - track3@vcet.edu.in

  Track 4 - track4@vcet.edu.in

  Track 5 - track5@vcet.edu.in

  Track 6- track6@vcet.edu.in

- Abstract should be submitted in PDF format only.

- The Maximum number of students allowed in a team is 4.

- The abstract size should not exceed 750 words.

Format for abstract for Technical Paper Presentation

The Contents should be as follows:

1. Problem, Definition, and Methodology:-

- Statement of the research problem, the aims of the paper, and the significance of the research.
- Research methodology used appropriately to the task.

2. Analysis and Argumentation:-

- Use of logical argument.
- Directions of future research or other avenues to promote.

3. Appearance and Format:-

- Font should be Times New Roman, Point size-12.
- Margins of 1 inch (2.5 cm) all around.
- Double spaced.
- Abstract must be submitted in PDF format.

Stages and Important Dates/Deadlines

- **26th March, 2024 :- Last Date To Submit Abstract.**
- **28th March, 2024 :- Acceptance Notification**
- **30th March, 2024 :- Full Paper Submission**
- **5th April, 2024 :- Final presentation competition at VCET Campus, Vasai.**

Final Round Rules

- PPT Presentation and Paper Presentation will be held.
- Each paper must be an original analysis or reviews must be the author's own work.
- **The presentation time allotted for each group is 7 minutes.**

Format for Technical Paper and Ppt Presentation

The Contents should be as follows:

1. Abstract.

2. Introduction.

3. Problem Definition.

4. Proposed approach / System Design.

5. Implementation / Methodology.

6. Results & Discussion.

7. Conclusion.

8. References.

General suggestions

Key points participants must keep in mind in their writing papers:

- Maintenance of overall theme or point that gives the project coherence and significance.

- Clarity, precision, and economy of writing.

- Accurate use of academic language and writing conventions appropriate for the specific task.

NOTE

The shortlisted students would be contacted through emails and would be informed about the further round and course of action.

For Further Queries, You can contact us...

TRACK 1
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Vcet Vasai

http://vcet.edu.in/oscillations2023