

Poster Presentation Competition on

"Innovative Ideas"

28th February-29th February 2024



“ येथे बहुतांचे हित ”

Organized by

Marathwada Mitra Mandal's Institute of Technology (MMIT), Lohgaon, Pune

Approved by AICTE and by DTE Maharashtra Affiliated
to Savitribai Phule (SPPU), Pune
NAAC "A" Accredited Institute

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Dr. Amol Bhanage

(Dean Research and Industry Relation
Head Startup & Innovation Cell, MMIT, Pune)

COORDINATOR

Dr. Pratibha S. Desai

Mr. Harshal Vaidya

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Prof. Reshma Fegade

Prof. Prajkta Shinde

Prof. Vaibhav Sawant

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Prof. Yogesh Dongare

ABOUT MARTHWADA MITRA MANDAL

The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with the motto "**Yethe Bahutanche Hit**" (Welfare of Masses). Mass education, co-education, and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses, the trust has created excellent facilities of education catering to Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc. Which provides excellent education to about 12,000+ students.

ABOUT MMIT

MMIT, Lohgaon was established in 2008. The institution is affiliated to Savitribai Phule Pune University, Pune and is approved by AICTE, New Delhi, Recognized by DTE, Government of Maharashtra. The uniqueness of the institute lies in its provision for an elaborate spectrum of engineering program under one roof which emphasis on quality education, training, and building of cultural value and development of professional skills. The institute has a sprawling and lush green beautifully planned campus with modern state of art infrastructure and hostel facility in 15 acres of land. The institute is accredited with "A" Grade by NAAC. It offers five engineering programmes (Computer, Artificial Intelligence & Data Science, Mechanical, Civil, Mechatronics). It houses 800+ students and 80 staff members.

ABOUT THE POSTER PRESENTATION

The poster competition was organized by the Institution Innovation Council of Marathwada Mitra Mandal's Institute of Technology (MMIT) as quarter II activity on 28th February and 29th February 2024.

OBJECTIVES OF THE POSTER PRESENTATION

- To Share new ideas for startups.
- To encourage original and novel thinking.
- To provide opportunities for expression of academic talent.
- To understand the techniques and esthetics behind an effective presentation.

TOPICS COVERED

- Topics related to Engineering, Science and Technology



Techno -Social Excellence"
MARATHWADA MITRA MANDAL'S
INSTITUTE OF TECHNOLOGY (MMIT)
S.No.35, Plot No. 5/6, Lohgaon, Pune-411 047



NAAC "A" Accredited Institute

Entrepreneurship and Innovation Cell (MEIC)
Institution's Innovation Council (Academic Year 2023-24)

Date: 29/02/2024

Poster Competition on Innovative Ideas

The Poster Presentation Competition was jointly organized by the Institution Innovation Council (IIC) and the Department of Engineering Sciences of Marathwada Mitra Mandal's Institute of Technology (MMIT) as part of the Quarter II activity on 28th February 2024-29th February 2024. Participants have the opportunity to win financial resources offered by the institute to support their ongoing development, which may include patents and copyrights. The theme was innovative ideas in the fields of Science, Engineering, and Technology. With the support and guidance of Dr. Amol Bhanage, President, IIC, Dr. Gargi Yadav, Vice President, IIC and Prof. Apurva Ulhe, Convener, IIC, Faculty members Dr. Pratibha Desai, Prof. Prajakta Shinde, Prof. Reshma Fegade and Prof. Harshal Vaidya took efforts to organize this event

The details of Poster Presentation are as follows:

Time: From 10.00 A. M. to 3. 00 P. M.

Date: 28th – 29th February 2024

Mode: Offline



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About Program:

Objective:

- To share new ideas for a start-up.
- To encourage original and novel thinking
- To provide an opportunity for the expression of academic talent.
- To understand the techniques and aesthetics behind an effective presentation.

Activities performed:

During this competition, students have presented their groundbreaking concepts in the realm of technology, such as the application of artificial intelligence in healthcare, LiFi Fidelity, E-commerce, etc. They have also emphasized the significance of their poster idea.

Total Participants: 33 Students

Day 1: 22 participants

Day 2: 11 participants

Outcome:

This event provided students with a platform to showcase their talent through posters and gain insights on delivering presentations in a competitive setting. The student conducted a search and selected a science and technology-related topic for their poster presentation. Students created posters and delivered great presentations for this competition.



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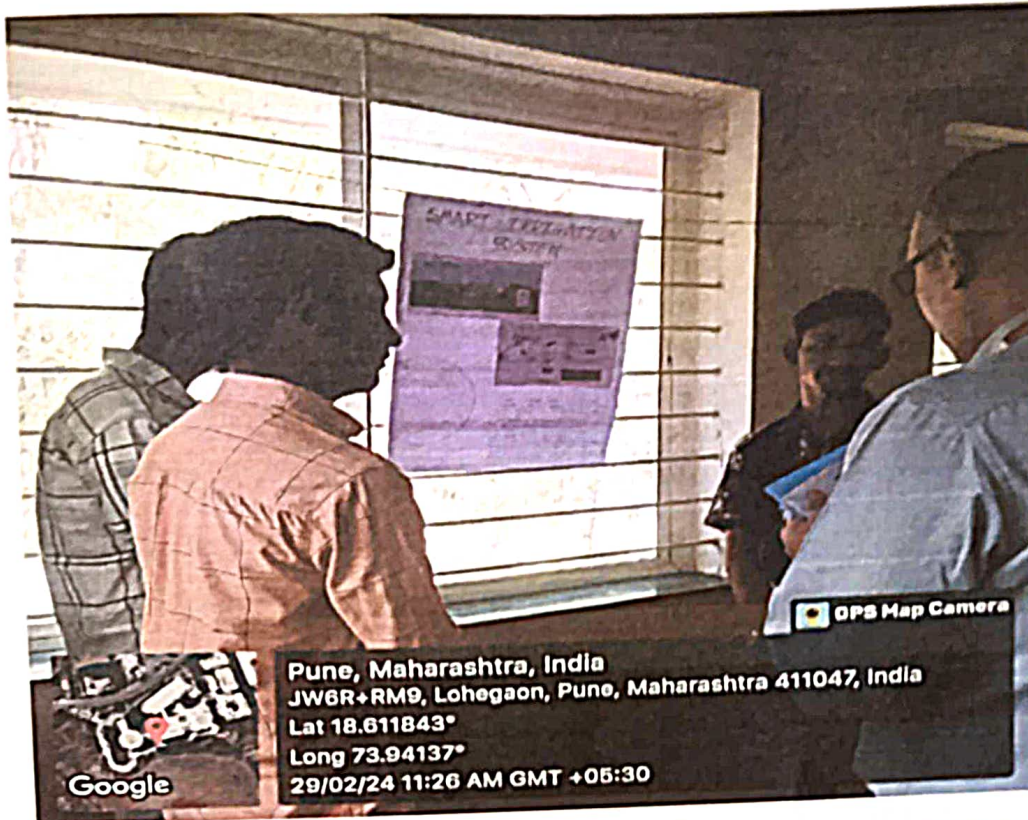
INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

Photos of the Poster Presentation:

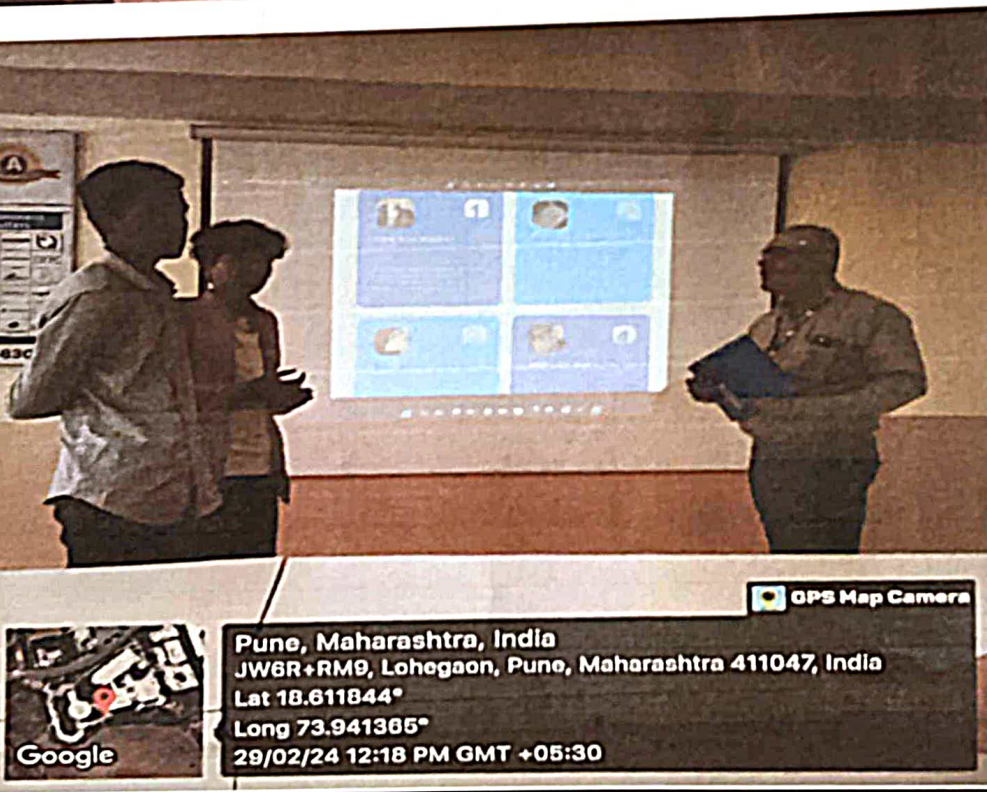




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Pune, Maharashtra, India
JW6R+RM9, Lohegaon, Pune, Maharashtra 411047, India
Lat 18.611843°
Long 73.94137°
29/02/24 11:26 AM GMT +05:30



Pune, Maharashtra, India
JW6R+RM9, Lohegaon, Pune, Maharashtra 411047, India
Lat 18.611844°
Long 73.941385°
29/02/24 12:18 PM GMT +05:30



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Social Media:

LinkedIn Link:

https://www.linkedin.com/posts/mmit-lohgaon-b45855154_institutional-innovation-council-iic-had-activity-7171084640273723392-oE7z?utm_source=share&utm_medium=member_android

Dr. Pratibha S. Desai *PSDesai*

Prof. Harshal D. Vaidya *HVaidya*

Prof. Prajakta. D. Shinde

Prof. Reshma. S. Fegade *RSFegade*

Coordinators

Dr. Amol Bhanage

IIC President

"Techno-Social Excellence"

Marathwada Mitramandal's Institute of Technology

Lohgaon, Pune- 411047

Accredited with 'A' Grade by NAAC

Attendance Record

Poster Competition

AY 23-24

Date: 28/02/2024

| Sr No | Name of Participant | Class and Department | Topic | Sign |
|-------|----------------------|----------------------|--|--------------------|
| 1 | Walle Bhakti Ramnath | FE-AIDS | Innovative & Technology | <i>[Signature]</i> |
| 2 | Udar Mayuli Somnath | FE-AIDS | | <i>[Signature]</i> |
| 3 | Borade Swarnali S. | FE-AIDS | | <i>[Signature]</i> |
| 4 | Riya Thakur | FE-Comp | | <i>[Signature]</i> |
| 5 | Siddhi Gujar | FE-AIDS | | <i>[Signature]</i> |
| 6 | Trustna Chaudhary | FE-Comp | | <i>[Signature]</i> |
| 7 | Shreya Nikam | FE-Comp | | <i>[Signature]</i> |
| 8 | Arachana Patil | FE-AI-DS | Li-Fi technology | <i>[Signature]</i> |
| 9 | Dongare Shriuti | FE-Comp | | <i>[Signature]</i> |
| 10 | Ujwal Aswar | FE-AI&DS | | <i>[Signature]</i> |
| 11 | Sabir. Khan | FE-Mechx | | <i>[Signature]</i> |
| 12 | Savare Ganesh | FE-Comp | | <i>[Signature]</i> |
| 13 | Sarthak Sapkal | FE-Comp | Automatic Solar Panel (Sunlight Tracking) | <i>[Signature]</i> |
| 14 | Tejas Raykar | FE-Comp | | <i>[Signature]</i> |
| 15 | Soham Dhumal | FE-Comp | | <i>[Signature]</i> |
| 16 | Harshwardhan . K | FE-Comp | | <i>[Signature]</i> |
| 17 | Devendra Kadam | FE-Comp | <i>[Signature]</i> | |
| 18 | Yash Avinash Garav | FE-AI&DS | Footstep power Generation | <i>[Signature]</i> |
| 19 | Mayur Sonjay Mane | FE-AI&DS | | <i>[Signature]</i> |
| 20 | Agam Kothari | FE-Mech | AIR Purifier | <i>[Signature]</i> |
| 21 | Poojwal Shrivastava | FE-Comp | | <i>[Signature]</i> |
| 22 | Om Sardar | FE-Comp | | <i>[Signature]</i> |

Group ①

Group ②

Group ③

Group ④

Group ⑤

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Marathwada Mitramandal's Institute of Technology
 Lohgaon, Pune- 411047
 Accredited with 'A' Grade by NAAC

Attendance Record

Poster Competition

AY 23-24

Date 29/03/2024

| Sr No | Name of Participant | Class and Department | Topic | Sign |
|-------|-----------------------------------|----------------------|---|-------------------|
| 1) | Walter Bhateti Rampath | FE-AIDS | | Walter |
| 23) | Tejsui patle | FE-Comp | Energy conservation by using piezoelectric Sensors | Tejsui |
| 24) | Vaishnavi Dongare | FE-Comp | | Vaishnavi |
| 25) | Vithal phad | FE-MECH | | Vithal |
| 26) | Amey Hingmase | FE-Comp | | Amey |
| 27) | Omkar Rupanwar | FE-Comp | | Omkar |
| 28) | Santosh Ambhore | FE-Comp | Smart Irrigation System | Santosh |
| 29) | Amit shete | FE-Comp | | Amit |
| 30) | Aditya hinge | FE-AIDS | | Aditya |
| 31) | Pallavi Shatwarkar | FE-Comp | | Pallavi |
| 32) | Varun. Gada | FE-Comp | E-Commerce | Varun |
| 33) | Shahid Shaikh | FE-AIDS | | Shahid |
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Group 6
 Group 7
 Group 8

Marathwada Mitra Mandal's Institute of
Technology, Lohgaon Pune

Rubric for Competition

AY-2023-24

Date-29/02/2024

Name of Student- Tojasvi Patil

Name of Topic- Piezoelectric sensor

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|-------------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 04 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 04 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 05 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 04 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 04 |
| | | | | | Out of 25 | 21 |


Signature of Judge

Marathwada Mitra Mandal's Institute of
Technology, Lohgaon Pune

Rubric for Competition

AY-2023-24

Date: 28/02/2024

Gr. NO. 1

Name of Student- Mayani & Sin

Name of Topic- Innovative Technology

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|-------------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 04 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 05 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 03 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 04 |
| | | | | | Out of 25 | 19 |



Signature of Judge

**Marathwada Mitra Mandal's Institute of
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Rubric for Competition

AY-2023-24

Date-28/02/2024

No.2

Name of Student- Archana Patil

Name of Topic- Lifi

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|----------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 04 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 03 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 04 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 03 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 04 |
| | | | | | Out of 25 | 18 |

Signature of Judge

**Marathwada Mitra Mandal's Institute of
Technology, Lohgaon Pune**

Rubric for Competition

AY-2023-24

Date-28/02/2024

Name of Student- *Agam Kothari*

Name of Topic- *AIR Purifier*

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|-------------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 03 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 03 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 02 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 03 |
| | | | | | Out of 25 | 14 |



Signature of Judge

**Marathwada Mitra Mandal's Institute of
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Rubric for Competition

AY-2023-24


Date-28/02/2024

No. 3

Name of Student- Saham Dhuma

Name of Topic- sun Tracking

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|----------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 04 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 03 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 02 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 03 |
| | | | | | Out of 25 | 15 |


Signature of Judge

Marathwada Mitra Mandal's Institute of
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Rubric for Competition

AY-2023-24

Date-26/2/2024

N14

Name of Student- Yash A. Gurov

Name of Topic- foot step Power Generator

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|----------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 02 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 03 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 02 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 02 |
| | | | | | Out of 25 | 12 |


Signature of Judge

Marathwada Mitra Mandal's Institute of
Technology, Lohgaon Pune

Rubric for Competition

AY-2023-24

Date-29/10/2024

No. 7

Name of Student- Santosh Ambhere

Name of Topic- Smart Irrigation System

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|-------------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 03 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 04 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 03 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 02 |
| | | | | | Out of 25 | 15 |



Signature of Judge

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Rubric for Competition

AY-2023-24

Date-21/2/2024

No. 8

Name of Student- Varun Gada

Name of Topic- E - Commerce .

| Category/Score | 5 | 4 | 3 | 2 | 1 | Marks Obtained |
|----------------------------|---|--|--|--|-----------|-------------------|
| Recognition | Ability to identify problems. | Ability to identify problems with some assistance. | Ability to identify problems with a great deal of assistance. | Any problems. | very poor | 03 |
| Understanding of the Topic | Demonstrates an in-depth, high-level understanding of the topic and issues. | Demonstrates an understanding of the topic and issues. | Demonstrates a low-level of understanding of the topic and issues. | Fails to demonstrate an understanding of the topic and issues. | very poor | 02 |
| Argument | All information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear, accurate and thorough. | Most information presented in the argument was clear and accurate, but was not thorough. | Information had several inaccuracies or was usually not clear. | very poor | 03 |
| Counter-Argument | All counter-arguments were accurate, relevant and strong. | Most counter-arguments were accurate, relevant, and strong. | Some counter-arguments were accurate and relevant, but several were weak. | Counter-arguments were not accurate and/or relevant | very poor | 02 |
| Involvement of Student | Excellent Work throughout | Somewhat Involved & Satisfactory worked | Somewhat Involved but not Satisfactory worked | Not Involved | very poor | 03 |
| | | | | | Out of 25 | 13 |



Signature of Judge