



JAYAWANT SHIKSHAN PRASARAK MANDAL'S  
**Bhivarabai Sawant Institute of Technology & Research**



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Founder Secretary

(Approved by AICTE New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

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Principal



REPORT ON  
**“IETE National Level Project Competition-2024”**  
Organized by IETE Pune Centre  
At  
JSPM's BSIOTR, Wagholi, Pune-412207  
(Under IETE student Forum (ISF))

|                        |  |
|------------------------|--|
| Name of The Programme  | “IETE National Level Project Competition-2024”<br>(Under IETE student Forum (ISF))   |
| Date                   | 3 <sup>rd</sup> April 2024   |
| Mode                   | Offline  |
| Organizer              | Department of Electronics and Telecommunication Engineering of<br>Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune |
| Programme Co-Ordinator | Dr. Y. S. Angal, HOD (E&TC)  |
| Participants           | 79 project groups (259 students)   |

**Introduction:**

Project competitions play a pivotal role in fostering innovation, collaboration, and knowledge dissemination within various fields of study. These competitions serve as platforms that bridge theoretical concepts with practical application, encouraging participants to explore innovative solutions to real-world challenges. In this context, the project competition organized by [IETE Pune Centre] emerges as a beacon of creativity and technical prowess, facilitating a dynamic environment for individuals to showcase their talents and push the boundaries of what is achievable.

Program was started with the inauguration function. Dr. T.K.Nagaraj(Principal, BSIOTR, Wagholi), Dr.Ravindra Kharadkar(Chief Guest), Mr. Krishan Pal(Guest of Honor), Mr.Jaikishan Garach(Guest of Honor) and Judges(Mr. Amol Shinde, Mr. Abhilash Sasane, Prof.Kiran Patil, Dr. Bhausaheb Shinde, Dr. Omprakash Rajankar, Dr. Supriya Dinesh, Prof. Anand Trikolikar were present at the time of Sarswati pooja. Dr.Ravindra Kharadkar(Chief Guest), Mr. Krishan Pal(Guest of Honor), Mr.Jaikishan Garach(Guest of Honor) were encourage to student by their motivational speech.

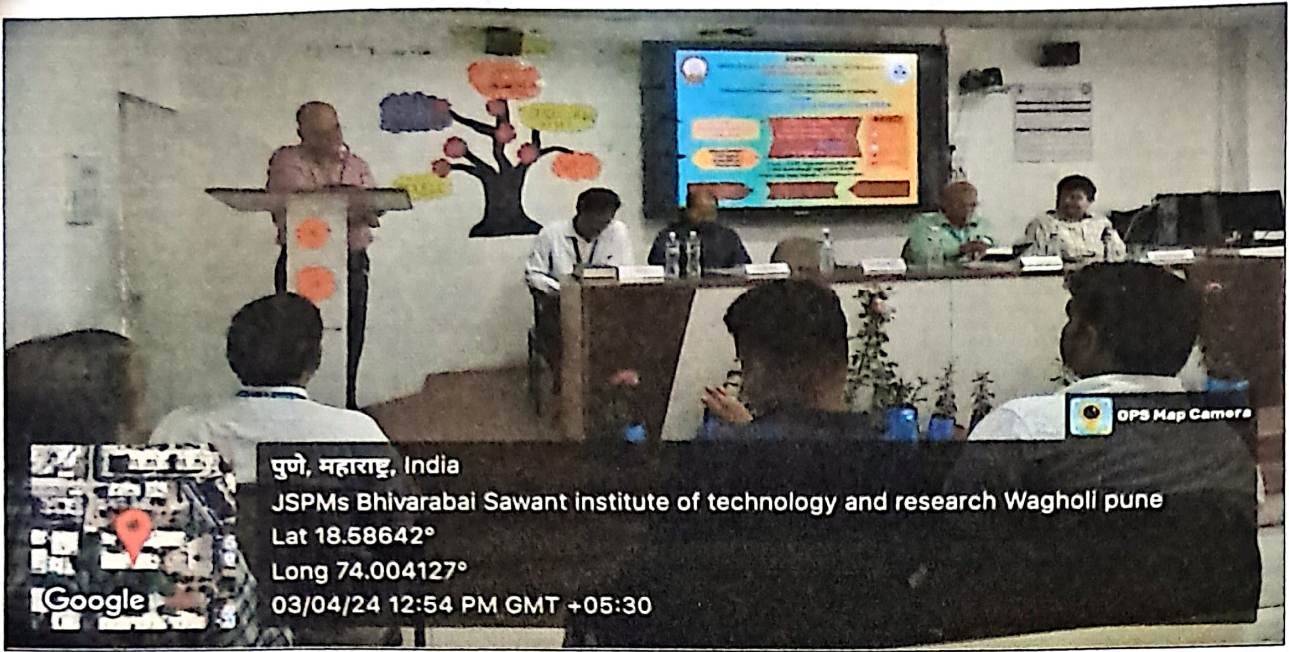
## Programme Objective:

| Sr. No | Programme Objective   |
|--------|---|
| 1      | <b>Promoting Innovation:</b> Project competitions encourage participants to come up with innovative ideas and solutions in the field of electronics, telecommunications, and related technologies. This promotes creative thinking and pushes the boundaries of what is currently possible. |
| 2      | <b>Skill Enhancement:</b> Participants get the opportunity to enhance their technical skills, teamwork, problem-solving abilities, and project management skills. Working on a project from concept to execution helps participants gain practical experience.                              |
| 3      | <b>Knowledge Sharing:</b> Competitions provide a platform for participants to share their knowledge and learn from each other. Participants often come from different educational backgrounds and bring diverse perspectives to the table.  |
| 4      | <b>Industry Interaction:</b> Many project competitions involve judges or mentors from the industry. This provides participants with a chance to interact with professionals, receive feedback on their projects, and potentially even open up avenues for internships or job opportunities. |
| 5      | <b>Showcasing Talent:</b> Competitions allow participants to showcase their talents and projects to a larger audience. This recognition can be valuable for academic and professional pursuits.   |

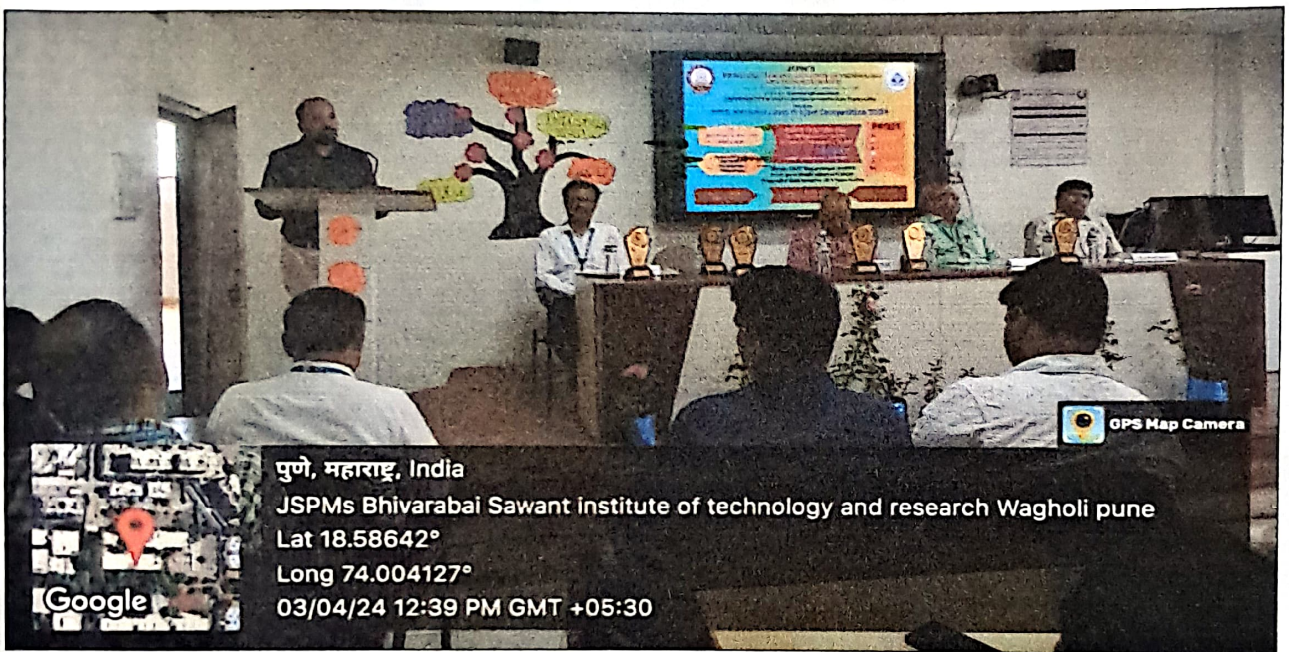
## GLIMPSES OF THE COMPETITION:



All Judges with Principal, HOD(E&TC) and E&TC faculties



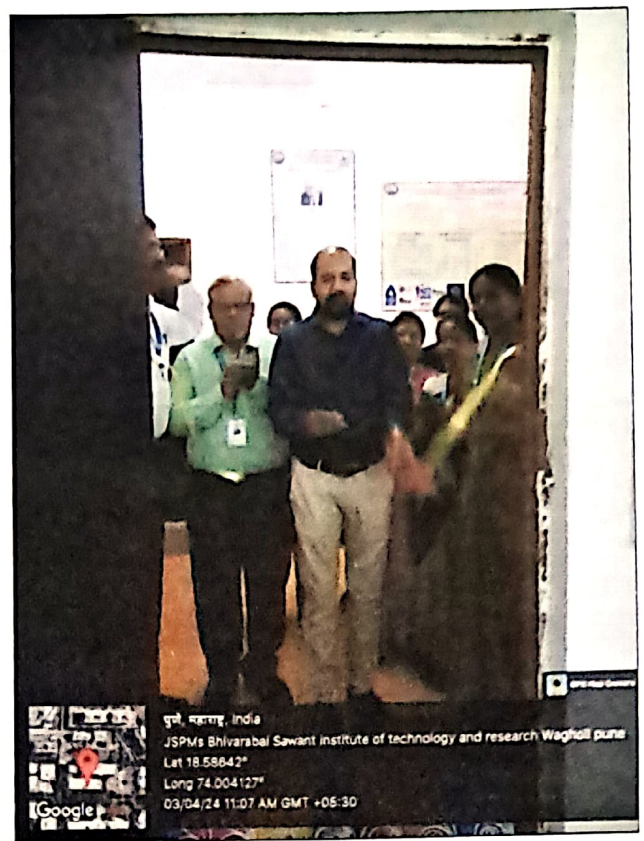
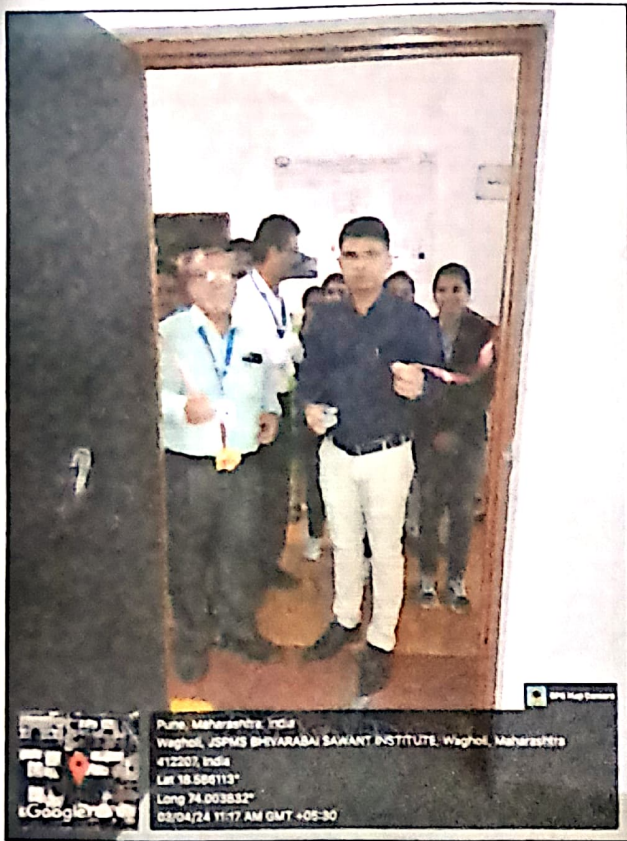
Dr.Ravindra Kharadkar(Chief Guest) shared motivational speech



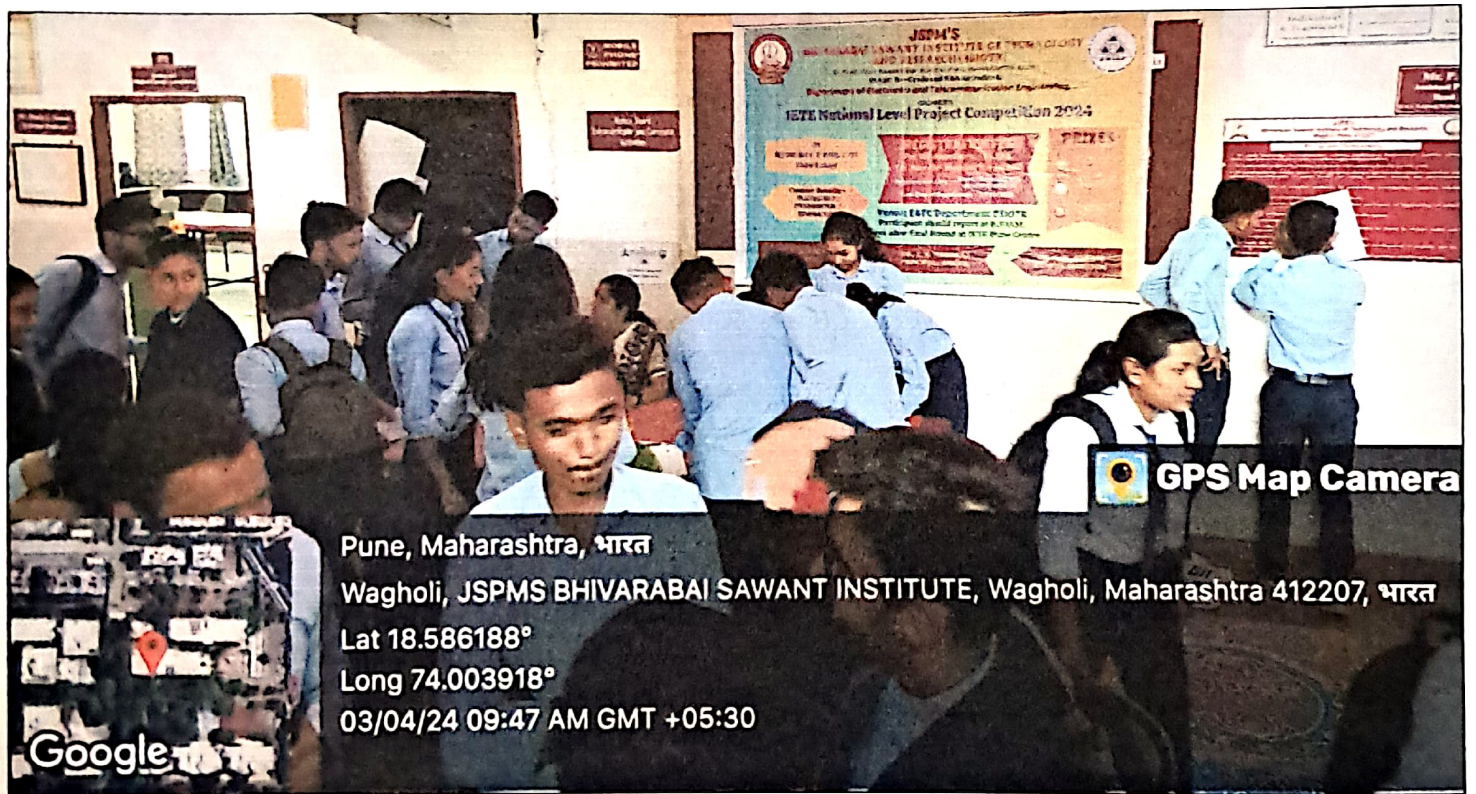
Mr. Krishan Pal(Guest of Honor) shared motivational speech



Saraswati Poojan

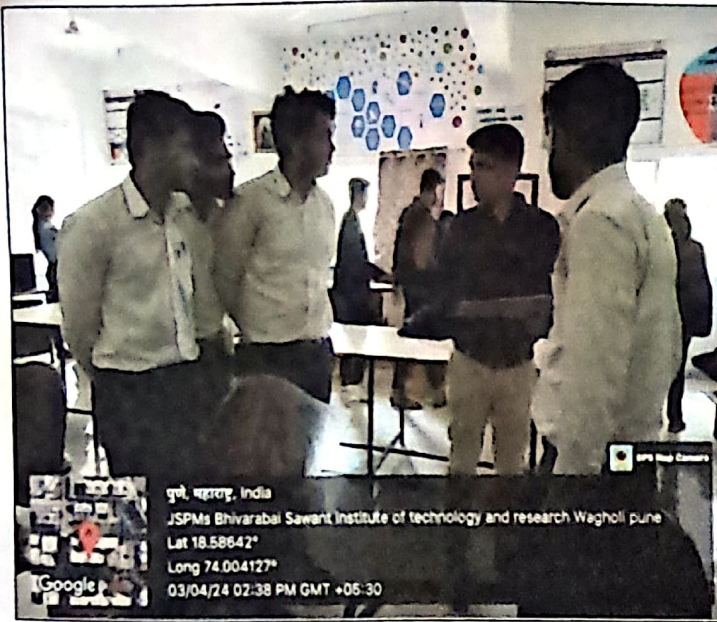


**Inauguration of Project Competition**

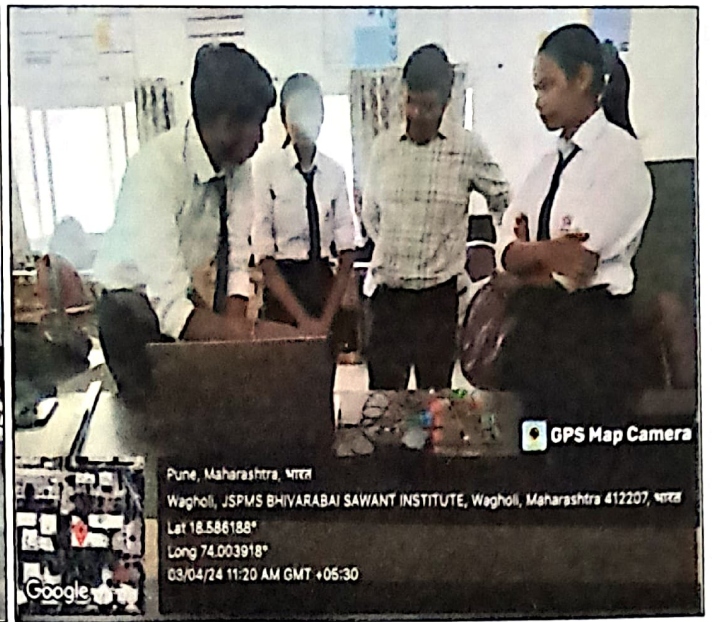


**Registration Desk**

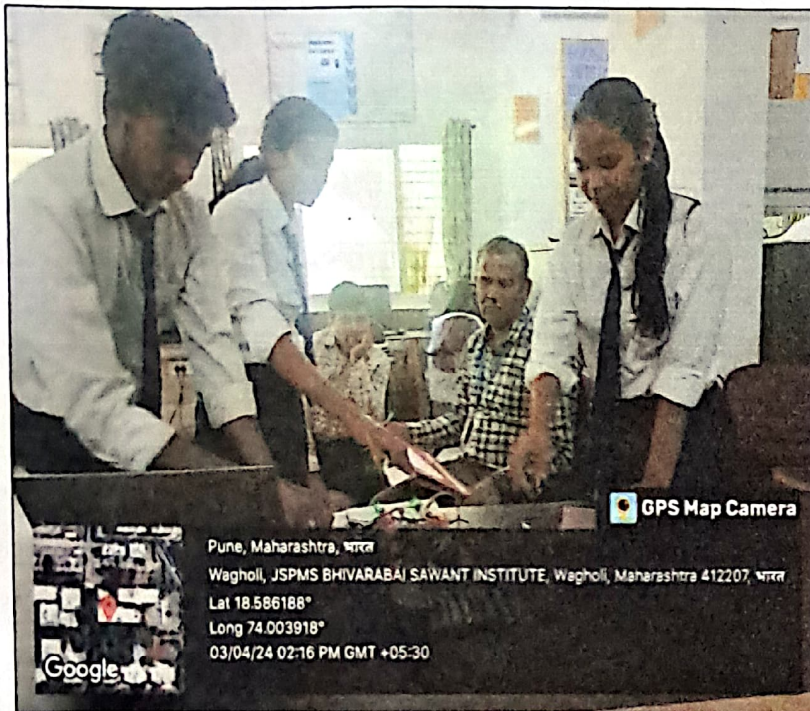
# Evaluation of Projects by Judges:



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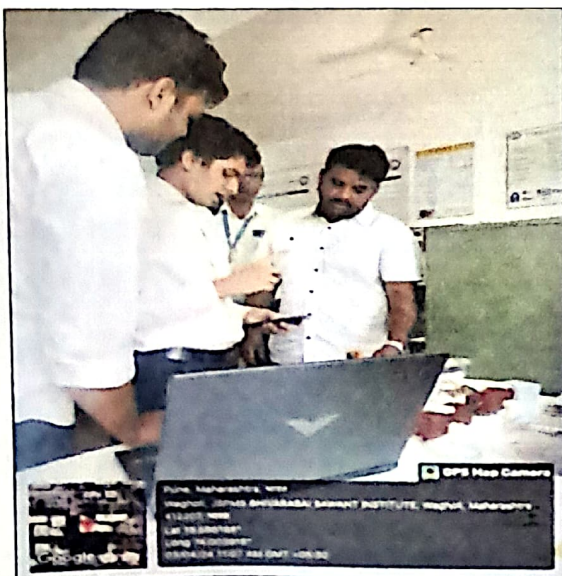
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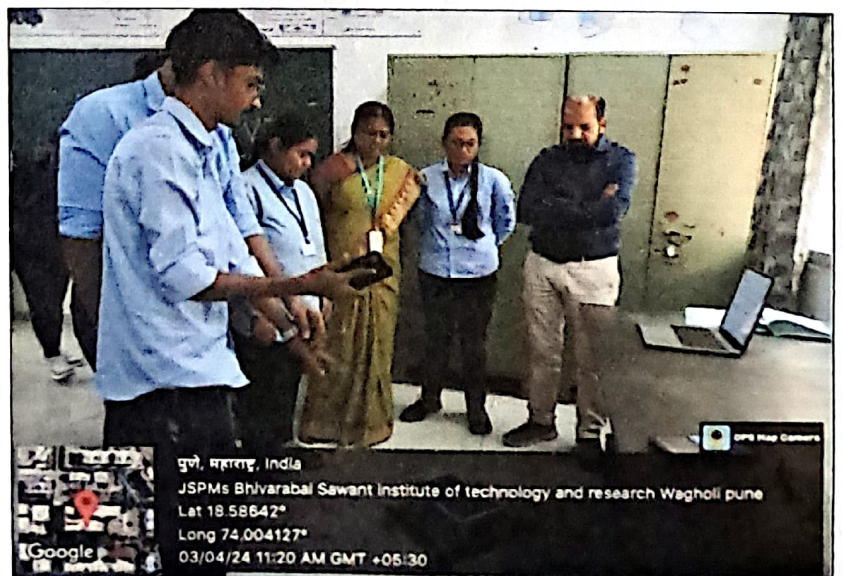
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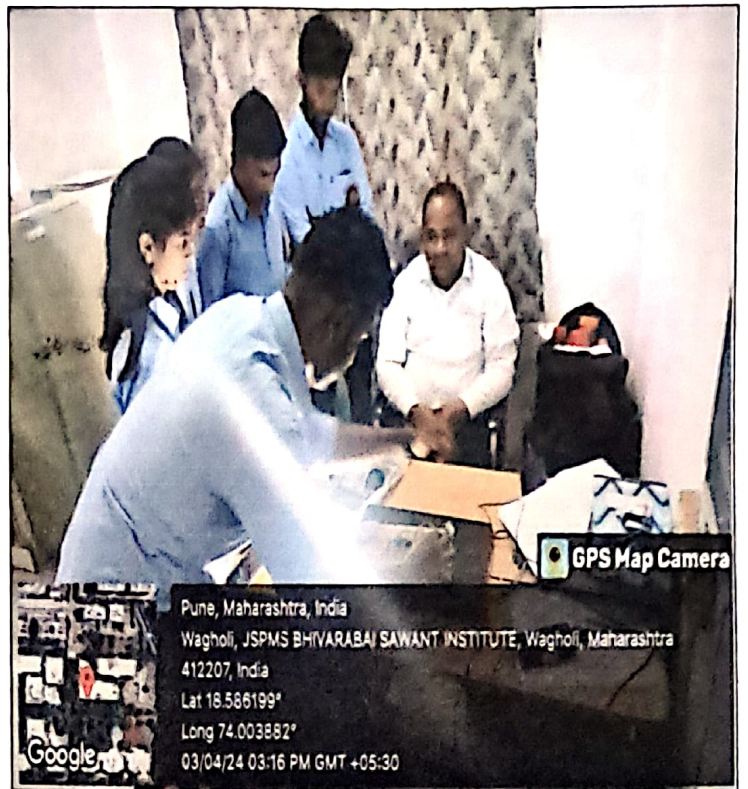
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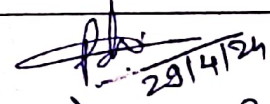
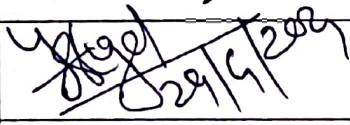

**The project competition winners:**

In first round, 79 project groups were participated in competition and those groups were evaluated by 8 judges. Out of 79 groups, 13 groups are selected for second round. In second round, only 6 groups are selected to further round which will be at IETE Pune Centre, Pune. The finalised 6 groups are shown in table below.

| Sr. No | Group No. | Title of Project                                  | Students Name  | College Name                                     |
|--------|-----------|---|--|--|
| 1      | 19        | Smart Reader for Blind Person using raspberry Pi  | Sawargave Rajnandini, Patil Priyanka, Tupsundare Rajnandini      | JSPM's BSIOTR, Wagholi                           |
| 2      | 03        | IOT based baby monitoring system for smart cradle | Divya Sontakke, Akanksha Kand, Sneha Sawant                      | JSPM's BSIOTR, Wagholi                           |
| 3      | 08        | Automatic Solar Powered grass cutting machine     | Devendra Tayade, Jaywant Gadekar, Nameera Attar, Amruta Sonawane | JSPM's BSIOTR, Wagholi                           |
| 4      | 32        | War Field Spying Robot                            | Tushar Narute, Gitesh Bhangale, Shubham Chavan                   | Imperial college of engg. And research, wagholi  |
| 5      | 26        | Mental Health Assistant                           | Rohit Sangole, Ninad Bhagat, Shreya Kulkarni, Muskan Tiwari      | GH Raisonni college of engg and management, Pune |
| 6      | 29        | Marine observatory unmanned Boat                  | Sidhesh Kumbhar, Shubham Hajare, Rohit Takpire                   | Imperial college of engg. And research, wagholi  |

**Programme Outcomes:**

| Sr.no. | Outcomes   | PO                                 | PSO              |
|--------|--|------------------------------------|------------------|
| 1      | Improvement in technical Knowledge                 | PO1, PO2, PO3, PO5, PO6, PO7, PO12 | PSO1             |
| 2      | Development in communication skills and confidence | PO1, PO2, PO5, PO6, PO10, PO12     | PSO1, PSO2, PSO3 |
| 3      | .Understand how to Work in a team                  | PO1, PO5, PO6, PO9, PO10, PO12     | PSO1, , PSO3     |

|                         |   |  |
|-------------------------|---|--|
| ISF Faculty Coordinator | Asst. Prof. P. V. Gawade (E&TC)<br>BSIOTR | <br>28/4/24   |
| Programme Co-Ordinator  | Dr. Y. S. Angal, HOD (E&TC), BSIOTR       | <br>29/4/2024 |
| Principal               | Dr. T. K. Nagaraj, Principal, BSIOTR      |               |