



Department of Electronics & Telecommunication
IETE STUDENTS' FORUM (ISF)
 (ESTD AUG-2016)

REPORT ON
AVISHKAR-2024
Project Exhibition

Organized under IETE Student Forum (ISF)

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|---------------------------------|---|
| Name of The Programme | AVISHKAR-2024 Project Exhibition Organized under IETE Student Forum (ISF) |
| Date | 24/09/2024 |
| Mode | Offline |
| Organizer | Department of Electronics and Telecommunication Engineering of Bhivarabai Sawant Institute of Technology & Research Wagholi, Pune |
| Programme Co-Ordinator | Dr. Y. S. Angal, Prof and HOD (E&TC), Academic and reaserch coordinator, BSIOTR |
| ISF Faculty Co-Ordinator | Asst. Prof. P. V. Gawade Asst. Prof. Monika Rani |
| Participants | 42 students (All Branches) Boys:29, Girls:18 |

Introduction:

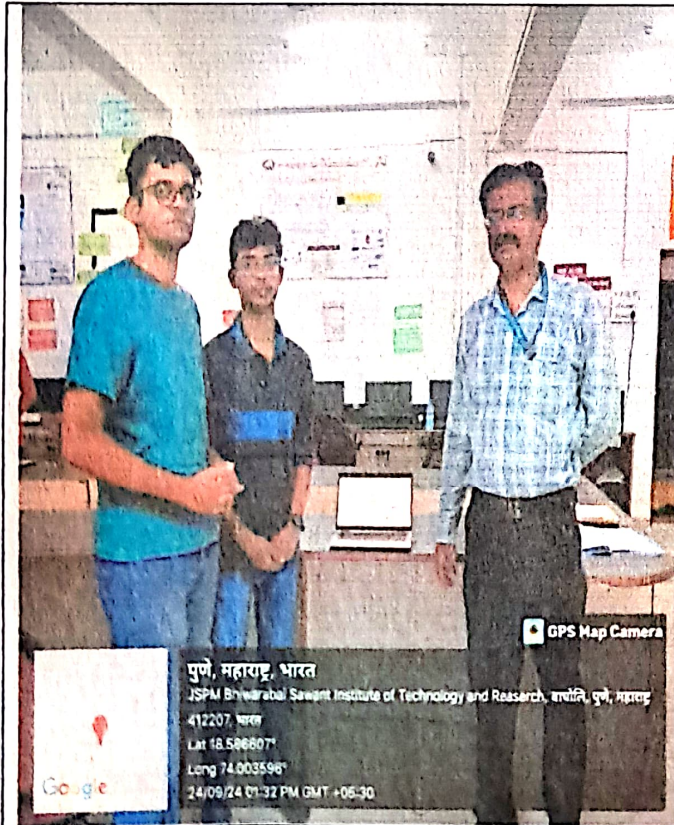
Project competitions play a pivotal role in fostering innovation, collaboration, and knowledge dissemination within various fields of study. These competitions serve as platforms that bridge theoretical concepts with practical application, encouraging participants to explore innovative solutions to real-world challenges. In this context, the AVISHKAR-2024 Project Exhibition was organized under IETE Student Forum (ISF) 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.

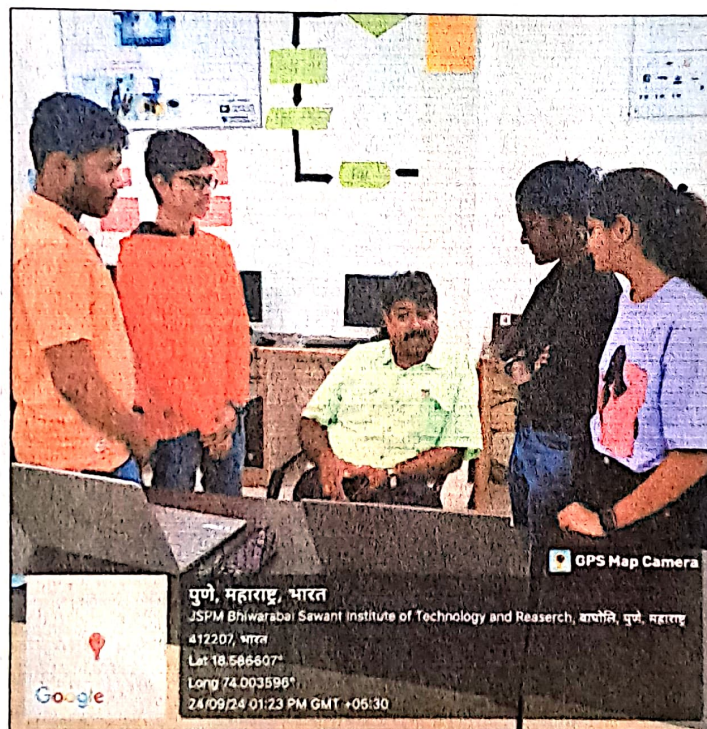
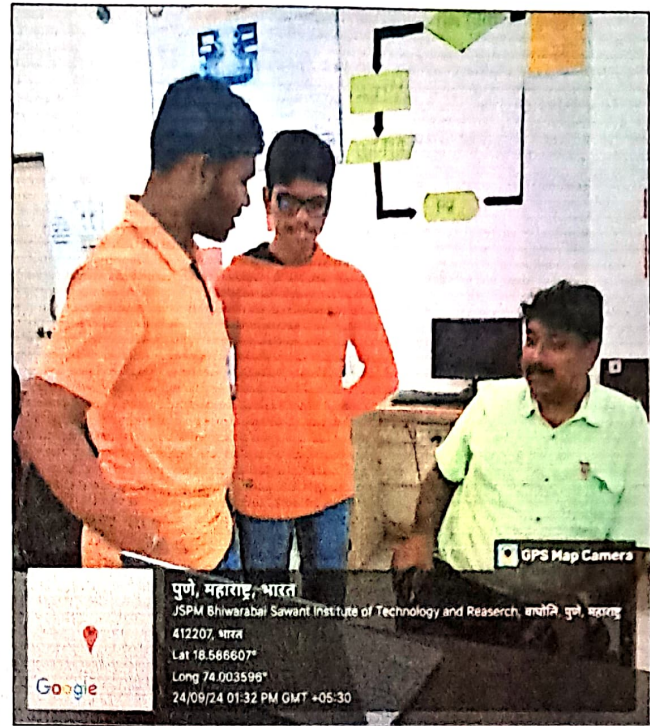
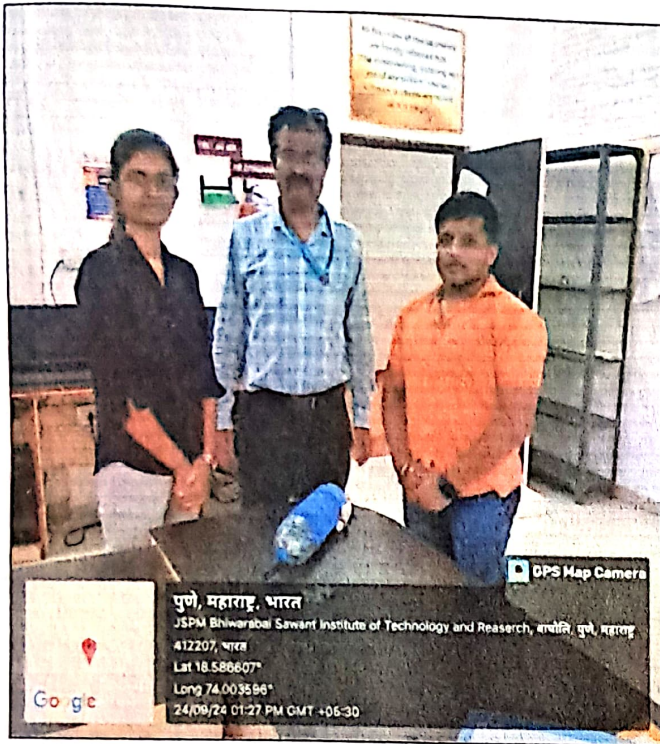
AVISHKAR-2024 Project Exhibition was held in JSPM's Bhiwarabai Sawant Institute of Technology and Reaserch, Wagholi on 24th September 2024 in D2 Building, Electronics and Telecommunication Department. Total 15 project groups were participated from institute

Programme Objective:

| Sr. No | Programme Objective |
|--------|---|
| 1 | Promoting Innovation: 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 | Skill Enhancement: 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 | Knowledge Sharing: 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 | Showcasing Talent: 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:





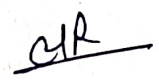

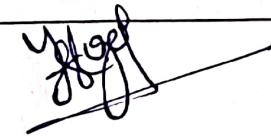

The project competition winners:

In this competition, 15 project groups were participated and those groups were evaluated by 3 judges. Dr. Y.S.Angal (HOD E&TC), Dr. A.L.Wanare and Prof. Meenakshi Annamalai were worked as Judges. Out of 15 groups, 6 groups are selected. At the end of program, winners were announced by Dr.Y.S.Angal, Prof and HOD (E&TC), Academic and research coordinator, BSIOTR.

| Sr. No | Title of Project | Students Name | Branch | Discipline |
|--------|--|--|--------|-----------------------------------|
| 1 | AI based Crop Recommendation System | 1) Mayank Deore 2) Siddharth Gawade | IT | Agricultural and Animal Husbandry |
| 2 | Federated learning platform to train ML Models | 3) Atharva Burujpatte 4) Pranav Prajapati | Comp | Engineering and Technology |
| 3 | Wearable sensor for physically blind person | 5) Pranav Somawar 6) Rushikesh Shirke | E&TC | Medical and Pharmacy |
| 4 | Portable Vacuum Cleaner | 7) Shambhuraje Bhosale 8) Pranita Choure | E&TC | Engineering and Technology |
| 5 | Bioplastic | 9) Preeti Kale 10) Janhvi Hedau | IT | Pure Science |
| 6 | Smart Irrigation for precision farming | 11) Avinash Ghalme 12) Sundaram Singh | E&TC | Agricultural and Animal Husbandry |

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 |

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| ISF Faculty Co-Ordinator | Asst. Prof. Monika Rani |  |
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| Programme Co-Ordinator | Dr. Y. S. Angal, Prof and HOD (E&TC), Academic and research coordinator, BSIOTR |  |
| Principal | Dr. T. K. Nagaraj, Principal, BSIOTR |  PRINCIPAL |

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