



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

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

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[EIN 9214 / CROF-013104]



**Prof. Dr. T. J. Sawant**  
B.E. (Elec.) PGDM, Ph.D  
Founder Secretary

**Dr. T.K. Nataraj**

M.E. (Civil Engrg), Ph.D (Civil Engrg)

LMITE, LMSCE, LMSITC

LMSRSTY, LMSF

**Principal**

Institute Accredited by National Assessment and Accreditation Council (NAAC), Bengaluru  
National Board of Accreditation (NBA), New Delhi. Accredited Programs:  
Information Technology, Electronics and Telecommunication Engineering, Electrical Engineering



**Department of Electronics & Telecommunication**

**Student Association (ETSA)**

**IETE STUDENTS' FORUM (ISF)**

(ESTD AUG-2016)



**A**

**Report on**

**“Dipex-2024**

**State Level Project Exhibition cum Competition”**

**Organized under**

**Srijan and Akhil Bharti Vidhyarthi Parishad (ABVP) Maharashtra**

|                                |  |
|--------------------------------|--|
| <b>Date of Conduction</b>      | 7/03/2024 -10/03/2024                        |
| <b>Student Participants</b>    | 10 Students (Boys: 6, Girls: 4)              |
| <b>Venue</b>                   | Terna Engg. College Nerul (W), Navi Mumbai   |
| <b>Convenor</b>                | Dr. Y.S.Angal, HOD (E&TC)                    |
| <b>ISF Faculty Coordinator</b> | Prof. P.V.Gawade                             |
| <b>ISF Student Coordinator</b> | Ms.Anjali Nair (TE), Mr. Avinash Ghalme (TE) |

**Objectives of this event:**

| <b>Sr.No.</b> | <b>Objectives</b>   |
|---------------|---|
| 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. |

## Introduction:

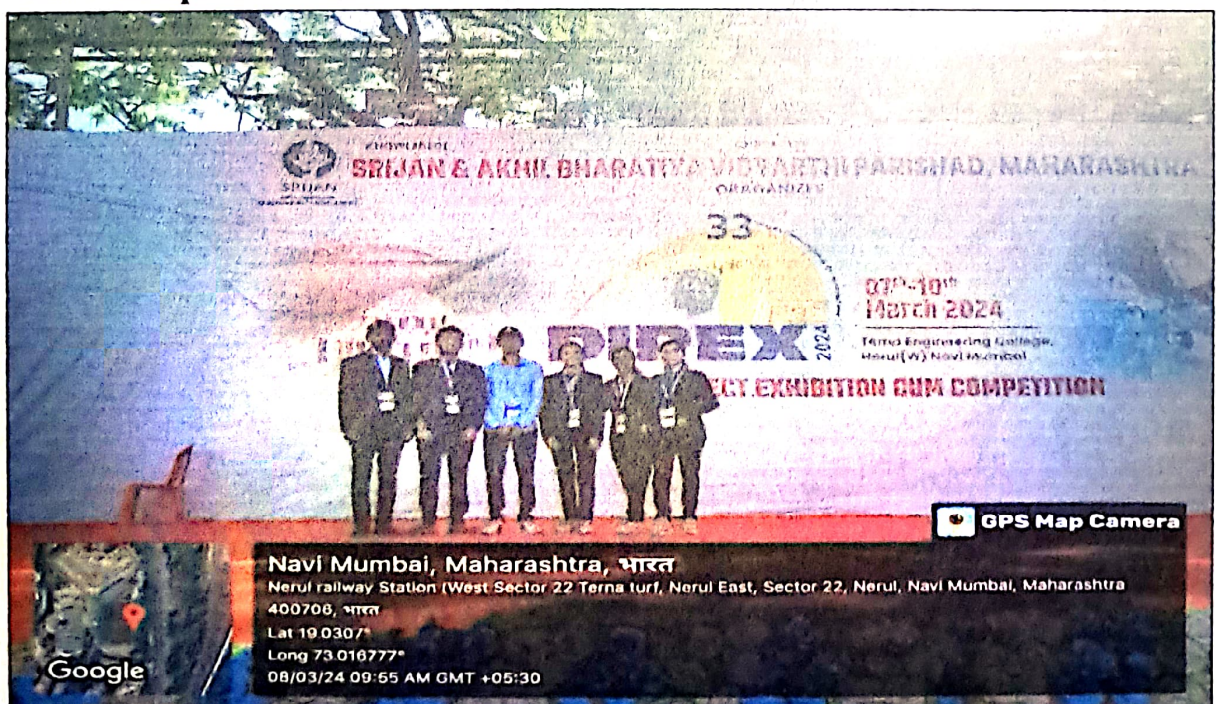
DIPEX, started in the year 1986, was a State level exhibition cum competition of the working models prepared by the students of Diploma, Degree, PG in Engineering as well as Agriculture in the State of Maharashtra and Goa. It was a four days mega event; where students exchange culture, thoughts and concepts takes place between the students from all corners of Maharashtra. Now a day, DIPEX has become a unique platform of Industry-Institute-Society Interaction.

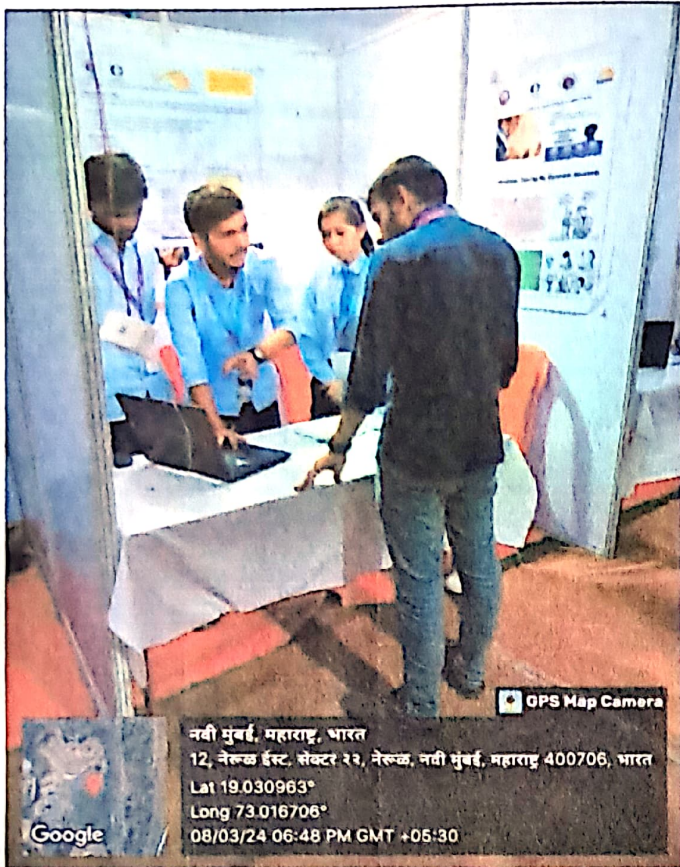
The exhibition featured ten distinct sections, including Defence, Agriculture, Medical, Software, Waste Management. Each participant was provided with a fully equipped stall to present their project to a diverse audience comprising industrialists, teachers, students, and young enthusiasts. Our team dedicatedly explained their project to visitors throughout the day, while also taking the opportunity to explore other innovative projects showcased at the event.

Two groups of JSPM's Bhiwarabai Sawant Institute of Technology and Research, Wagholi were participated in this event. Both groups were guided by Dr. Y.S. Angal, HOD (E&TC). Both teams showcased their innovative project in the Industrial section.

| Sr.No. | Project Name                             | Participants name  | Class |
|--------|--|--|-------|
| 1      | Development of CNC machine using Arduino | 1) Anjali Nair,<br>2) Avinash Ghalmé<br>3) Parjanya Kulkarni<br>4) Abhijeet Chaudhari                            | TE    |
| 2      | Software For Dyslexic students           | 1) Sakshi Hase<br>2) Vedant Jagtap<br>3) Mansi Humbe<br>4) Pranjal Shinde<br>5) Aniket Kaade<br>6) Pravin Gholap | SE    |

## Some Glimpses of event:





GPS Map Camera

नवी मुंबई, महाराष्ट्र, भारत  
12, नेरुळ ईस्ट, सेक्टर २२, नेरुळ, नवी मुंबई, महाराष्ट्र 400706, भारत  
Lat 19.030963°  
Long 73.016708°  
08/03/24 06:48 PM GMT +05:30

Google



REDMI NOTE 12 5G  
AVINASH GHAI ME

08/03/24 12:40



GPS Map Camera


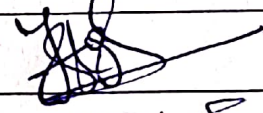

Navi Mumbai, Maharashtra, India  
12, Nerul East, Sector 22, Nerul, Navi Mumbai, Maharashtra 400706, India  
Lat 19.030951°  
Long 73.016656°  
08/03/24 06:06 PM GMT +05:30

Google



**Expected Outcomes:**

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

|                                |  |   |
|--------------------------------|--|---|
| <b>ISF Student Coordinator</b> | Ms.Anjali Nair (TE)<br>Mr. Avinash Ghalme (TE) |   |
| <b>ISF faculty Coordinator</b> | Prof. P.V.Gawade                               |                        |
| <b>Convenor</b>                | Dr. Y.S. Angal, HOD (E&TC)                     |                       |
| <b>Principal</b>               | Dr. T.K. Nagaraj, BSIOTR, Wagholi              | <br><b>PRINCIPAL</b> |

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