

# VP-Connect

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**1ST JULY 2019 to 31 DECEMBER 2019**



## Department of Information Technology

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### Institute Vision

**To achieve excellence in imparting technical education so as to meet the professional and societal needs.**

### Institute Mission

- **Developing technical skills by imparting knowledge and providing hands on experience.**
- **Creating an environment that nurtures ethics, leadership and team building.**
- **Providing industrial exposure for minimizing the gap between academics & industry.**

## Department of Information Technology

### Vision

**To become a leading center in the domain of Information Technology where learners are introduced to the concepts and implementation of technologies.**

### Mission

- **Encouraging academic excellence and a passion for learning through the use of learner-oriented teaching methodologies.**
- **Providing an environment that inculcates ethics and effective soft-skills and focuses on the development of learners.**
- **Establishing and reinforcing a symbiotic institute-industry interface so that learners can gain exposure to real-life applications of Information Technology.**

## Department of Information Technology

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### Program Educational Objectives (PEOs)

**PEO 1:** Provide socially responsible, environment friendly solutions to Information technology related broad-based problems adapting professional ethics.

**PEO2:** Adapt state-of-the-art Information Technology broad-based techniques to work in multi-disciplinary work environments.

**PEO3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

### Program Specific Outcomes (PSOs)

- **Modern Information Technology:** Use latest technologies for operation and application of information.
- **Information Technology Process:** Maintain the information processes using modern information and communication technologies.

## Department of Information Technology

### Program Outcomes (POs)

1. **Basic knowledge:** Apply knowledge of basic mathematics, science and basic engineering to solve the problems related to application of computers and communication services in storing, manipulating and transmitting data, often in the context of a business or other enterprise.
2. **Discipline knowledge:** Apply Information Technology knowledge to solve broad-based Information Technology related problems.
3. **Experiments and practice:** Plan to perform experiments, practices and to use the results to solve Information Technology related problems.
4. **Engineering Tools:** Apply appropriate Information Technology related techniques/tools with an understanding of the limitations.
5. **The engineer and society:** Assess societal, health, safety and legal issues and the consequent responsibilities relevant to practice in the field of Information technology.
6. **Environment and sustainability:** Apply Information Technology related engineering solutions for sustainable development practices in environmental contexts.
7. **Ethics:** Apply ethical principles for commitment to professional ethics, responsibilities and norms of practice in the field of Information Technology.
8. **Individual and team work:** Function effectively as a leader and team member in diverse/multidisciplinary teams.
9. **Communication:** Communicate effectively in oral and written form. .
10. **Life-long learning:** Engage in independent and life-long learning along with the technological changes in the IT and allied industry.

# *Students Achievements*

Our Final Year Students Amaan Dakhway , Shreyas Shah presented paper on Iris Recognition System, the other group of Manoharan Naidu and Praveen Bhandari presented paper on Drowsiness Detection at M.H. Saboo siddik Polytechnic, IGNIUM 2019.

Our group of Amaan Dakhway and Shreyas Shah won Second Prize at this State Level Paper Presentation.





# Visit to Water Treatment Plant

There was Industrial Visit arranged for Third Year Students at Bhandup water Treatment plant. This Industrial visit helped students in the subject of Environmental Studies. This visit helped them to understand the process of water purification plant.

The Bhandup water Treatment plant has a treatment capacity of 1910ML per day. Unlike villages we in Mumbai cannot have wells, bore wells as there are chances of pipe burst, the land is rich of resources and the underground water is saline due to Mumbai's closeness to the sea.

The Bhandup water Purification centre receives water from Upper Vaitairna, Tansa and Bhatsa sources. The water from the lakes cannot be directly sent to our houses as the water is turbid (dirty) and contains micro-organisms there are certain processes that take place from the lakes to our houses.



## ***Our Toppers of MSBTE Summer 2019***

### **THIRD YEAR TOPPERS**



**Shraddha Khedkar**  
**(93.63%)**



**Niraj Shirkar**  
**(92.06%)**



**Shardul Birje**  
**(91.63%)**

### **SECOND YEAR TOPPERS**



**Arsheen Kazi**  
**(95.50%)**



**Samreen Abdulla**  
**(93.75%)**



**Tanish Mohanty**  
**(92.63%)**

### **FIRST YEAR TOPPERS**



**Soham Sawant**  
**(86.38%)**



**Siddhi Bhosale**  
**(84.00%)**



**Rohit Singh**  
**(82.38%)**