C -- COMMONLY
O -- OPERATED
M -- MACHINE
P -- PARTICULARLY
U -- USED FOR
T -- TECHNICAL
E -- EDUCATION
R -- RESEARCH

Institute

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

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 Computer Engineering

Vision
To empower students with domain knowledge of Computer Engineering and interpersonal skills to cater to the industrial and societal needs.

Mission
- Developing technical skills by explaining the rationale behind learning.
- Developing interpersonal skills to serve the society in the best possible manner.
- Creating awareness about the ever changing professional practices to build industrial adaptability.

Program Educational Objectives

- **PEO1:** To empower the students to apply their knowledge of various domains and cultivate a habit of life-long learning for building engineering solutions.
- **PEO2:** To develop the students' overall personality and thereby encourage just social behaviour in the students.
- **PEO3:** To provide an exposure to the industry environment so as to keep them abreast with new trends.

Program Specific Outcomes (PSOs)

- Design and develop applications using software programming, database and graphical interface.
- Design and implement the concept of networking and security to build real time application with professional ethics and principles.
- Apply mathematical methodologies to solve computation task using appropriate data structure and suitable algorithm.
- Communicate effectively in professional and social scenario with zest for higher education and entrepreneurship by engaging in lifelong learning.

Program Outcomes (POs)

1. **Basic Knowledge**: An ability to apply knowledge of basic mathematics, science and basic engineering to solve the broad-based computer engineering problem.

2. **Discipline Knowledge**: An ability to apply computer engineering discipline-specific knowledge to solve core computer engineering related problems.

3. **Experiments and practice**: An ability to plan to perform experiments and practices to use the results to solve broad based computer engineering problem.

4. **Engineering Tool**: An Ability to apply relevant computer technologies and tools with an understanding of the limitations.

5. **The engineer and society**: An ability to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in the field of computer engineering .

6. **Environment and sustainability**: Understand the impact of computer engineering solutions for sustainable development practices in social and environmental context and demonstrate the knowledge and need for sustainable development.

7. **Ethics**: Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice in the field of computer engineering.

8. **Individual and team work:** Function effectively as an individual and as a member or a leader in diverse/multidisciplinary teams.

9. **Communication:** An ability to communicate effectively in oral and written form.

10. **Life-long Learning:** An ability to recognize the need for and to engage in independent and life-long learning activities in the context of technological changes in the computer engineering field and allied industry.

"The will to win, the desire to succeed, the urge to reach your full potential... these are the keys that will unlock the door to personal excellence."—Confucius

HOD Speak

Vidyalankar Polytechnic, Wadala(E), Mumbai-37, a leading Polytechnic Institution was established in the year 2002, approved by A.I.C.T.E and affiliated to Maharashtra State Board of Technical Education, Mumbai. Diploma Holders have a key role to plays in industrial growth from the grass-root level. They are the personnel required to cater to the needs of large industrial sectors where there is a direct necessity to fill up the middle / lower management cadre to control a large number of employees and to maintain the equipment.

Diploma holders can become self-employed and start their own business as technical professionals as they have requisite practical skills. Students coming from different financial, religious, regional and national background learn to live in co – ordination and work together for a better society.

Prof. Vijay T. Patil

I/c HOD, Computer Engineering

Vidyalankar Polytechnic aims at imparting Quality Technical Education to meet the technical advancements and industrial requirements of the society. It aims at identifying the hidden skills, developing the personality and inculcating human values to make the students emerge as technically qualified professionals fit enough to face the present competitive world. We teach not only the technical aspects but also inculcate moral and ethical values. This enables them to be socially committed and service oriented.

We wish to prepare Diploma holders to face the challenges in the sector of technology and engineering in the future and succeed in offering technology solutions for the betterment of the society and our nation. We are committed to provide leadership and support for students and help them in their professional development.

Summer—2019 Examination Toppers

Third Year Toppers

Mudassir Mandviwala

Secured First Rank from Third Year, Computer Engineering Department

He obtained (96.25%) in MSBTE– Summer 2019

Mahind Gaurav Balasaheb

Secured Second Rank from Third Year, Computer Engineering Department

He obtained (89.88%) in MSBTE– Summer 2019

Hrushikesh Sampat Jadhav

Secured Third Rank from Third Year, Computer Engineering Department

He obtained (89.38%) in MSBTE– Summer 2019

Second Year Toppers

Jadhav Sanchit Pramod

Secured First Rank from Second Year, Computer Engineering Department

He obtained (90.53%) in MSBTE– Summer 2019

Shaikh Mohd Faizan Akil

Secured Second Rank from First Year, Computer Engineering Department

He obtained (86.93%) in MSBTE– Summer 2019

Surya Ishaque Mohamad Ibrahim

Secured Third Rank from First Year, Computer Engineering Department

He obtained (86.27%) in MSBTE– Summer 2019

First Year Toppers

Devalapura Manya Krishna

Secured First Rank from First Year, Computer Engineering Department

She obtained (87.63%) in MSBTE– Summer 2019

Gharat Shriyash Mahesh

Secured Second Rank from First Year, Computer Engineering Department

He obtained (87.50%) in MSBTE– Summer 2019

Jain Sanyog Sandeep

Secured Third Rank from First Year, Computer Engineering Department

He obtained (87.13%) in MSBTE– Summer 2019

Departmental Activities

1. Induction Program for first, Second and Third Year students are conducted in Jan 2019.

2. Parents meeting conducted for Third Year students in Feb 2019

3. V-Technovation 2019 is organized on 22nd Feb 2019

4. Industrial visit to Sahyadri Durdarshan, Mumbai on 4 Feb 2019

5. Scholar's day celebration 24 Feb 2019

6. One week STTP on Machine learning using Smart Devices

7. Expert Lecture on "Android Programming"

8. Expert Lecture on 'Cloud Computing"

Student's Achievements

Final Year Students developed Leave Management System for Brihanmumbai Electricity Supply and Transport (BEST) which will be Live very soon.

Hackathon 2019 Grand Finale, Team VP GEEKS , Topic AI CHATBOT for Dalmia Cement.
Members
MUDASSIR MANDVIWALA
HRUSHIKESH JADHAV
RAGHVENDRA LOLA
SRIDHAR KRISHNAN
PRANAV MAKWANA
PRATIKSHA JAIN
Conducted in Ghaziabad in RajKumar Goel Institute of Technology
Special Prize Winners from Dalmia Cement.

Third Year Students won First Prize in State Level Technical Paper Presentation at D. Y. Patil Polytechnic
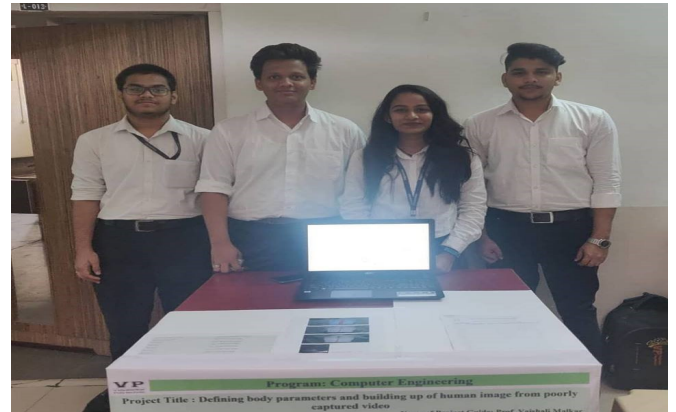
"When people think about computer science, they imagine people with pocket protectors and thick glasses who code all night." Marissa Mayer

V-Technovation– 2019

V-Technovation the exploration of technology and innovation is the annual project exhibition and competition organised by Vidyalankar Polytechnic for final year students of various branches. Technovation enables students to exhibit and display their innovative skills, thus giving them an opportunity to manifest their hidden skills and ideas. This platform has privileged the students to think in new areas of their skills and present it in the best possible way.

V-Technovation 2019 is organized on 21st Feb 2019. Major objective of organizing this exhibition was to provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either as Industry Defined Problem or User Defined Problem and provide an opportunity for the students to demonstrate their learning experience

In V-Technovation 2019 we were privileged to have our alumni as domain experts to judge exhibits.

Secrets of Excellence
"Perfection is not attainable, but if we chase perfection we can catch excellence."- Vince Lombardi

Verve – 2019

The Student Council 2018-19 of Vidyalankar Polytechnic has organised annual fest VERVE'19, "Made for each other-exploring relations" on 10th, 11th and 12th January, which is blend of cultural & technical events 7 sports

Singing Competition

Food stalls in Trade Fair

Staff Dance

Winners of Fashion Show

Sports

Trade Fair