

2022-23

Jñanovision



*Make Millets a part of your daily diet,
for a healthy body and a healthy life.*



Vidya Prasarak Mandal's Polytechnic

JNANADWEEPA, COLLEGE CAMPUS, THANE (W) 400 601 MAHARASHTRA STATE (INDIA)
Tel.: 2536 4494, 2533 9872. URL www.vpmthane.org

Approved by: All India Council for Technical Education, New Delhi Recognized by: Directorate
of Technical Education, Maharashtra State, Mumbai - 400 001
Affiliated to: Maharashtra State Board of Technical Education, Mumbai - 400 051.
Accredited by: National Board of Accreditation, New Delhi.
(IE/IS Valid upto 30/06/2019,CO/EP/IF Valid upto 30/06/2023)

Institute Offers Following Five Regular Diploma Programmes

● Electrical Power System ● Industrial Electronics ● Instrumentation ● Information Technology ● Computer Engineering



Vidya Prasarak Mandal, Thane

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Innovision Concept

Innovision projects the important events celebrated during the year 2022-23. It is a manifestation of various activities, functions held in the institute. Besides it, valuable and thought provoking articles bring out aspirations in students.

V.P.M'S Polytechnic has been instrumental in spearheading several initiatives, achievements to enable the students to attain excellence in academics. It tries to channelize the energy of students for their different roles in society which they will certainly play in near future.

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PALKAR YASH (IS)



*“Our greatest weakness lies in giving up. The most certain way
to succeed is always to try just one more time.”*

- Thomas Edison

Many people often grumble about failure, but the greatest weakness lies in our tendency to give up easily. Life is not about giving up, and successful people have been ahead of the majority. It is essential to never stop trying, even if it is the 1000th attempt. You never know if you are supposed to strike with success on the next attempt. It is crucial to have patience within yourself until you reach your goal. Success never comes to those who have tried everything, as it is the fruit that could yield after years of efforts. It may take time to achieve success, but it is never impossible. If you are dedicated and follow your passion, you are sure to achieve it one day. It may take time, but it is never impossible. When you feel tired and wish to give up, make up your mind to give one more attempt. Who knows if you may succeed in this attempt? Keep faith in yourself and never hesitate in trying again and again. You are sure to succeed, even if you do not succeed today, but tomorrow or very soon.

Wishing you success in every step you take. Good Luck.

Mrs. Supriya Parab

Chief Editor





The New Education Policy 2020 – way forward

“Winning is a habit. Winning is lingering on to the will of trying. A winner is not made in a day. One has to work for long, may be years and years to see this day. Excellence is not a privilege of selected few. It is accessible to everyone. All it takes is a vision beyond our personal desires and commitment to higher goals”

Dear Reader,

It gives me pleasure to present you the Innovision 2022-23 edition. Last year had been eventful with Curricular and Co-curricular activities, of which every department has presented detailed report of their activities and achievements. Our institute is gearing up for next cycle of accreditation and the NBA-Self Assessment Report is submitted to the authorities in the month of March 2023. The peer committee is visiting the Institute during 6th to 8th October 2023

The institution is getting ready up to adapt to the changes needed in technology training with the New Education Policy 2020, under implementation. With the rapid advancements in technology, it is necessary for higher educational institutes to provide necessary resources and the skills that will enable the students to face the challenges posed by these changes. I take this opportunity to showcase our preparedness and the proactive steps taken to have a smooth sailing.

Our present theme would be Research and Innovation for skill development which is an invaluable tool for developing efficient learning process. This will help in building basic knowledge, process the knowledge into information, correct our wrong notions and develop critical and analytical thinking habits. Research is a gateway to find opportunities and nourishment for the mind leading to better understanding of issues. Research is the basis for Innovation which will lead to societal development. The implementation of the New Education policy 2020 will facilitate this transformation in education that will offer skill development. Our initiatives will help the students to apply their knowledge for applications relevant to societal needs such as affordable human health care, technologies for clean energy, agriculture for food and nutrition, Security etc. This is very much achievable in Indian context due to favorable factors such as better social mind set, high quality, lower expertise costs that will lead to affordable innovations. With the infrastructure for education, training and research improving, it is a wonderful eco system which can lead to industry ready human resource of desired quality to escalate the growth in technology development.

India has now become the fifth largest world economy and has global innovation index of 40. These statistics will certainly boost the morale for the future generation. The students will witness the kind of global progress one can aspire for a wonderful career and be a part of next generation industry through the emerging education system.

It is our endeavor to facilitate the transformation and the outcome based education will produce highly skilled professionals.

Dr. D. K. Nayak

Principal

“Yoga is the settling of our mind into peace. When the mind is settled, we are established in our essential nature, which has unbounded consciousness”.

INNOVISION

2022-23

*Activities
&
Reports*

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Third Year Toppers (2022-23)

I Rank



Borkar Vaishnavi Shirish
91.83%

II Rank



Sawant Atif Mansoor
90.74%

II Rank



Bhagat Mustansir Habil
90.74%

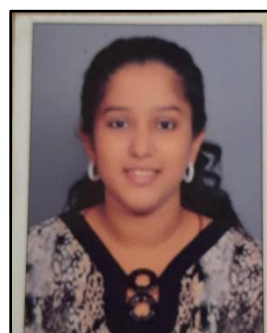
Second Year Toppers (2022)

I Rank



Raje Manish Bhaskar
90.87%

II Rank



Suryavanshi Arya Kalpak
90.07%

First Year Toppers (2022-23)

I Rank



Shaikh Swaleha Masud
90.75%

II Rank



Vispute Arya Dattatray
89.48%

Department of Information Technology

Third Year Toppers (2022-23)

I Rank



Jindani Nayaab Asif
92.13%

II Rank



Nakate Ayush Ranjan
89.75%

Second Year Toppers (2022-23)

I Rank



Kadam Rupali Dashrath
90.50%

II Rank



Takalkar Shree Jalinder
90.31%

First Year Toppers (2022-23)

I Rank



Shelar Tanmay Namdeo
91.07%

II Rank



Patil Gitesh Pravin
87.33%

Department of Electrical Power System

Third Year Toppers (2022-23)

I Rank



Sarak Shubham Krishnadeo
90.25%

II Rank



Jadhav Aditya Ganesh
86.25%

Second Year Toppers (2022-23)

I Rank



Kadam Vedika Pramod
86.27%

II Rank



Thorat Kasturi Ramesh
85.60%

First Year Toppers (2022-23)

I Rank



Jangam Vivek Mangesh
85.42%

II Rank



Sane Mihir Hemant
82.74%

Department of Industrial Electronics

Third Year Toppers (2022-23)

I Rank



Dhure Tejas Vilas
85.89%

II Rank



Walmiki Pravin Mallikarjun
84.40%

Second Year Toppers (2022-23)

I Rank



Jha Mehar Bablu
84.06%

II Rank



Jware Rohan Ram
83.81%

First Year Toppers (2022-23)

I Rank



Rode Manjiri Sushant
77.69%

II Rank



Padwal Vedant Rajendra
75.35%

Department of Instrumentation
Third Year Toppers (2022-23)

I Rank



Gholap Neha Mahadev
91.43%

II Rank



Joshi Kunal Prakash
89.91%

Second Year Toppers (2022-23)

I Rank



Shirke Ritesh Maruti
91.18%

II Rank



Shahane Deep Yogesh
87.76%

First Year Toppers (2022-23)

I Rank



Parab Shreyash Gajanan
81.00%

II Rank



Mishra Diksha Ratnesh
77.71%

Department of Computer Engineering

Vision: Provide quality diploma education in Computer Engineering and train students to effectively apply this education to solve real world problems thus enhancing their potential for lifelong career and entitle them a competitive advantage in the ever-changing global work environment.

Result Analysis (S-23) MSBTE Exam

Course	No. of Students Appeared	Distinction	I Class	II Class	ATKT	Total Passing %with ATKT
FY	68	18	10	0	17	97.06
SY	74	45	16	3	1	87.84
TY	74	44	15	2	0	82.43

Toppers

Rank	Course	Name	Percentage (%)
1	FY	Shaikh Swaleha Masud	90.75
2	FY	Vispute Arya Dattatray	89.88
1	SY	Manish Bhaskar Raje	91.33
2	SY	Suryavanshi Arya Kalpak	89.07
1	TY	Borkar Vaishnavi Shirish	91.83
2	TY	Sawant Atif Mansoor	90.74
2	TY	Mustansir Habil Bhagat	90.74

Student Trainings / Workshops Attended (A.Y.2022-23)

Sr. No	Name of Student	Year and Course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
1	SY	SYCO	Workshop	CO lab 1, 3	05/11/2022	Use of Virtual Lab for Practical	V P M's Polytechnic
2	TY	TYCO	Workshop	CO lab 1, 3	05/11/2022	Use of Virtual Lab for Practical	V P M's Polytechnic

Sr. No	Name of Student	Year and Course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
3	SY & TY	SYCO, TYCO Boys Students	Workshop	VPM's Polytechnic Thane AV Room	18/11/2022	Personality Development and Grooming for Boys	V P M's Polytechnic Thane
4	SY & TY	SYCO, TYCO Girls students	Workshop	VPM's Polytechnic Thane AV Room	15/11/2022	Yoga Demonstration & Training for Girls	V P M's Polytechnic Thane
5	TY	TYCO	Workshop	VPM's Polytechnic Thane AV Room	18/11/2022	How to Create your own Bonsai Tree	V P M's Polytechnic Thane
6	TY	TYCO	Workshop	Online	24/12/2022	Live Bootcamp on Personality Development	V P M's Polytechnic Thane
7	TY	TYCO	Training	VPM's Polytechnic Thane AV Room	15/04/2023	Industrial Safety, CPR, Fire Demo	V P M's Polytechnic Thane
8	SY	SYCO	Workshop	VPM's Polytechnic Thane CO lab 1, 3	17/03/2023 & 18/03/2023	Pythan Advanced Framework Flask	V P M's Polytechnic Thane

Significant Student Achievements

Mst. Sarthak Pravin Tiwad from TYCO won

- 1st prize in technical quiz competition in Government Polytechnic Thane,
- First Runner up in Blind Coding held at Government Polytechnic Mumbai,
- Consolation prize in Paper presentation at VPM Polytechnic Thane.



Student Winners of Inter Collegiate Competition (A.Y. 2022-23)

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
1	Bodke Shivani Ganesh	Technical Paper Presentation	Paper Presentation Competition	Agnel Polytechnic Vashi, Navi Mumbai.	State	Agnel Polytechnic Vashi, Navi Mumbai.	19/11/22	2nd Prize
2	Bodke Shivani Ganesh	Technical Quiz	Technical Quiz Competition	Agnel Polytechnic Vashi, Navi Mumbai.	State	Agnel Polytechnic Vashi, Navi Mumbai.	18/11/22 to 19/11/22	Participation
3	Bodke Shivani Ganesh	Technical paper presentation	Technical paper presentation Competition	Agnel Polytechnic Vashi, Navi Mumbai.	State	Agnel Polytechnic Vashi, Navi Mumbai.	19/11/22	2nd Prize
4	Tiwad Sarthak Pravin	Technical Paper Presentation	Paper Presentation Competition	Bharatiya Vidyapeeth Institute of Tech, Navi Mumbai.	State	Bharatiya Vidyapeeth Institute of Tech, Navi Mumbai.	13/10/22	2nd Prize
5	Bodke Shivani Ganesh	Saree Queen	Saree Queen	V. P. M's Polytechnic Thane	Institute	V. P. M's Polytechnic Thane	02/02/23	Participation
6	Borkar Vaishnavi Shirish	Saree Queen	Saree Queen	V. P. M's Polytechnic Thane	Institute	V. P. M's Polytechnic Thane	02/02/23	Participation
7	Borkar Vaishnavi Shirish	Technical paper presentation	Technical paper presentation Competition	Bharati Vidyapeeth Institute of Tech, Navi Mumbai.	State	Bharati Vidyapeeth Institute of Tech, Navi Mumbai.	13/11/22	Participation
8	Chaudhari Bhagyashri Sunil	Technical Paper Presentation	Technical Paper Presentation Competition	Bharatiya Vidyapeeth Institute of Tech, Kharghar, Navi Mumbai.	State	Bharatiya Vidyapeeth Institute of Tech, Kharghar, Navi Mumbai.	13/10/22	2nd Prize

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
9	Tiwad Sarthak Pravin	Football	Football Competition	VPM'S Polytechnic Thane	Institute	VPM'S Polytechnic Thane	03/02/23	2nd Prize
10	Tiwad Sarthak Pravin	Technical Quiz & Paper Presentati	Technical Quiz & Paper Presentation Competition	Agnel Polytechnic , Vashi Technocrat 2022-2023	State	Agnel Polytechnic , Vashi Technocrat 2022-2023	18/11/22 19/11/22	Participation
11	Tiwad Sarthak Pravin	Football	Football Competition	VPM'S Polytechnic Thane	Institute	VPM'S Polytechnic Thane	03/02/23	2nd Prize

Guest Lecture Record

Sr. No.	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year & Course	No. of Participants
1	26/08/22	Prototype Validation - Innovation to Startup	Mr. Kalpak Suryawanshi (CEO & Founder Swastik Life Sciences)	Dept Staff	SYCO TYCO	150
2	15/09/22	Cyber Security	Mr. Siddhesh Shelar (Professional Ethical Hacker)	Dept. Staff	SYCO TYCO	135
3	18/11/22	Personality Development (Boys)	Mr. Tini (Proctor & Gamble)	Dept. Staff	SYCO TYCO	80
4	17/11/22	Future Planning	Mr. Riddhesh Dalvi (Alumni)	Dept Staff	TYCO	65
5	10/02/23	Pollution Control and Conservation of the Environment	Prof. Vidyadhar Walavalkar (President Paryavaran Dakshata Mandal)	Dept. Staff	SYCO	70
6	13/04/23	Industrial Acts & Legislations Industrial Safety	Mr. Pratik Jadhav Dr. Mona Gandhi (Director Edu Force)	Dept. Staff	TYCO	70

Industrial Visit Record

Sr No.	Date	Place Name	Name & Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
1	20/03/23	CETTM, MTNL, Powai	S. K. Mishra (BDPR Team Head, CETTM MTNL)	Mrs. Poonam Kambale & Mrs. Varsha Kakade	SYCO	70

Staff Achievements

Sr. No.	Name of the staff	Name of the topic for paper Publication	Name of the Publication
1	Mrs. Gautami Pujare.	Smart and Sustainable Energy Solutions- for smart cities in India	International Journal of Scientific Research in Engineering & Management.
2	Mrs. Sowmya Swamy.	Sentiment Analysis of multilingual (Mixed code) of Twitter data using Machine Learning approach	International Conference on Innovative Computing & Communication ICICC.
3	Mrs. Poonam Kamble.	Information regarding Data Communication & Computer Networks- A quick review	International Journal of Scientific Research in Engineering & Management.
4	Mrs. Varsha Kakade.	Software Application for student attendance management	International Journal of Scientific Research in Engineering & Management.
5	Miss Rasika Patil.	Web Based Software using PHP recurring & non-recurring stock management	International Journal of Scientific Research in Engineering & Management.

Trainings / Workshops attended by Staff

Sr No	Date	Name of Staff	Type	Event	Venue
1	03/10/22 to 08/10/22	Mrs. Poonam Kamble	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
2	03/10/22 to 08/10/22	Mrs. Sujata Gawade	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
3	03/10/22 to 08/10/22	Mrs. Sowmya Swamy	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
4	03/10/22 to 08/10/22	Mrs. Smita Dashpute	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
5	28/11/22	Mrs. Vibhavari Ikhe	Offline	Four Wheels ONE Life: Safe Rider Training at RTO-Thane	V.P. M's Polytechnic, Thane.
6	03/10/22 to 08/10/22	Mrs.Gautami Pujare	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
7	03/10/22 to 08/10/22	Mrs.Suhasini Shukla	Online	National level FDP on recent trends in AOT & data analytics	Pimpri Chinchwad College of Engg & Research Rawet, Pune.
8	13/03/23 to 17/03/23	Mrs.Gautami Pujare	Offline	MSBTE approved FDP onInnovation, Incubation and Startup culture	VPM's Polytechnic Thane.
9	20/03/23 to 25/03/23	Miss. Rasika Patil	Offline	FDP on Cyber security and Cyber Forensics	Vidyalankar Polytechnic Wadala.
10	24/04/23 to 29/04/23	Mrs. Varsha Kakade	Offline	MSBTE approved FDP on Virtual Augmented Reality	Vidyalankar Polytechnic Wadala.
11	15/05/23	Mrs. Poonam Kamble	Offline	IoT and its Application	VPM's Polytechnic Thane.

Department Activities

- A Patriotic singing competition was conducted on **August 12, 2022**, from 1.00 pm to 2.00 pm in the Department of Computer Engineering. There was a good response from the students. Total 10 students from the department participated in the event. Prizes were distributed to the winners of the competition.



- To create awareness about the entrepreneurship approach, develop an instinct for entrepreneurship, appropriate expertise as per the industry to train especially young people, create a culture for entrepreneurship, promote entrepreneurial education, and engage in a more peaceful world. The department has arranged the seminar on prototype validation—innovation to startup—on **August 26, 2022**, at 2.30pm to 4.30pm in the AV Room for second and third-year students.

- The invited speaker, **Mr. Kalpak Suryavanshi, CEO and Founder of Swastik Life Sciences** and Alumni of the Department of Industrial Electronics at VPM's Polytechnic. He explained the topic of innovation for startups in a very simple yet ineffective manner. He insists on the simple innovations that can make day to day life easy. He also talked about the basic things that are required for prototype validation, raising funds, startup policies, etc. He motivated students to think about different problems in society and try to find solutions for them.



- Engineer's Day celebration: On the occasion of Engineer's Day, a guest lecture was arranged on Cyber Security. The lecture was delivered by **Mr. Siddhesh Shelar, Professional Ethical Hacker**. He explained the "**Importance of Cyber Security**". He talked about different crimes that happened in this field and gave information on how to be alert regarding them.

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiatives)

V P M'S POLYTECHNIC, THANE
INSTITUTE INNOVATION COUNCIL

On the Occasion
of
Engineers Day
Seminar on

Resource person
Mr. Siddhesh Shelar

Theme: Cyber Security
Date: 17th September 2022
Time: 11am to 12.00pm
Venue: AV Room



- Department has organized **Yoga** Demonstration for girlstudents of the department on 18th November 2022. Faculties from the department **Mrs. Sowmya N. Swamy & Mrs. Vibhavari S. Ikhe** delivered a session, Miss SrushtiJadhav student from TYCO demonstrated various Asanas and Mudras to the girls. The session was mainly focusing on the useful Asanas and Mudras for girls during menstrual cycle. The session was very informative and useful.



- A session on **Personality development** was arranged for Boys students by **Mr. Tini from Proctor & Gamble Company Ltd.** He gave important tips regarding personal grooming and personality development to the students.



Personality development workshop by Executive from Proctor & Gamble Company Ltd.

- Department has celebrated **National Education Day** by conducting Elocution Competition for the students from TYCO. Students stated their views about the **New Education Policies**. Department Head, **Mrs. Suhasini K. Shukla** guided students about their careers.



Elocution competition on National Education Day

- A guest lecture by alumni **Riddhesh Dalvi** was arranged for TYCO students to guide them regarding their studies and future planning.



- The department has organized one session beyond the curriculum to create awareness about importance of hobbies. The topic of the session was the **cultivation of Bonsai plants**. The session was conducted by Dept. faculty **Mrs. Sowmya N. Swamy**, she explained how to cultivate and grow bonsai plants. She brought sample plants to show to the students.



- Students were encouraged to find problem statements related to current scenarios and the needs of society. Students have described their ideas through a small 5-minute presentation. **Dr. Smita Tarale** and **Mr. Kalpak Suryavanshi** were appointed as judges for this competition. They have asked students very appropriate questions, which has been helpful in guiding and rectifying their flaws. The judges gave very valuable input to all the participants, which was essential for their future progress with an idea. There was a good response from students from all departments. Competition was arranged on 26th November 2022. Five groups of students have participated from the CO department.



- The department has organized an expert talk on “**Pollution Control and Conservation of the Environment**” on 10th February 2023 from 2 pm to 4 pm. The lecture was attended by all second-year diploma students from all branches and all faculty members. The program's aim was to spread awareness among the students related to environmental conservation and pollution control. The guest lecture was delivered by an eminent speaker, **Prof. Vidyadhar Walawalkar, President of Paryavaran Dakshata Mandal**, Thane. Prof. Walawalkar is very active and passionate about the conservation of the environment. He has been working for the last 30 years in this field and has conducted many projects, like the cultivation of forests on a piece of land, the incinerator for destroying harmful biowaste, the cleaning of Thane Creek, etc. He talked about the different projects undertaken by Paryavaran Dakshata Mandal, an NGO working in the field of environmental awareness through education, training, and research for more than 20 years. Paryavaran Dakshata Mandal has been implementing the Clean Creek Movement (CCM) for more than 15 years.



Glimpses of expert talk on pollution control & Conservation of Environment on the occasion of National Pollution Control Day

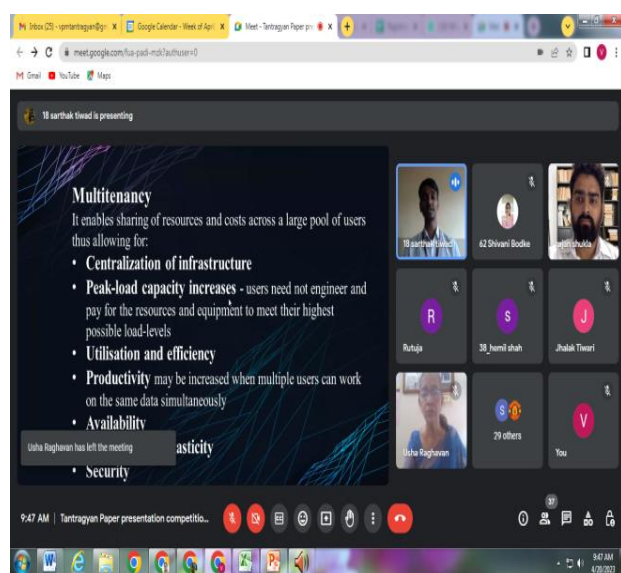
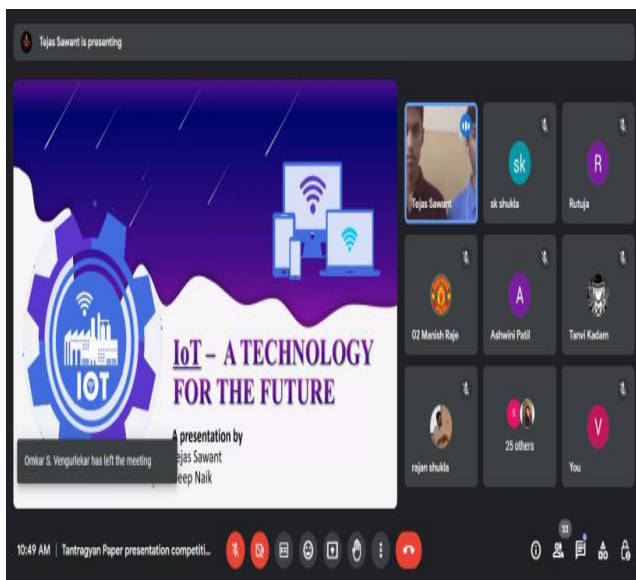
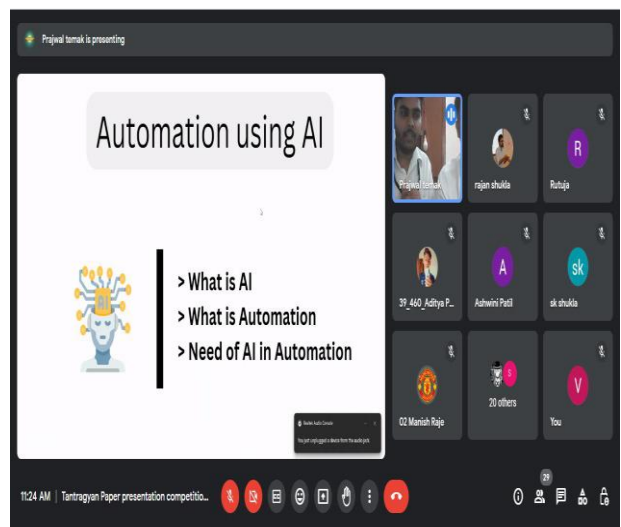
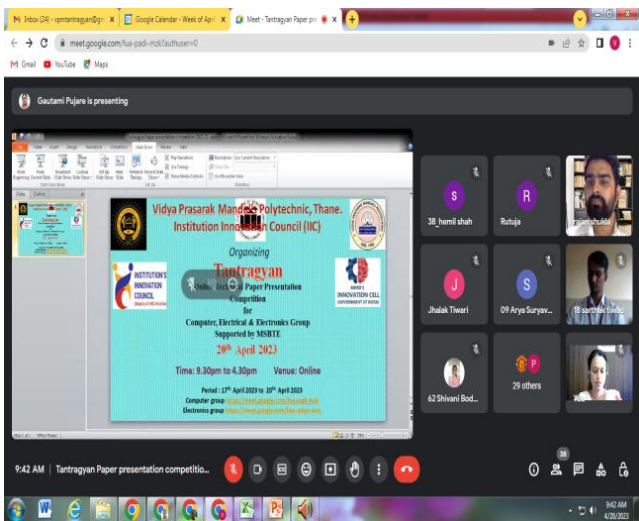
- A **field visit** was arranged for Second Year students at **MTNL Powai** on 20th March, 2023. Students observed the functionality of server rooms, networking devices, communication techniques like broadcasting, etc.



- Students from the CO Department participated in the drama competition **Azadi Hind Ki Gatha** on 23rd March 2023. Students really did a great job; they have performed so well. The college received a special award for this.
- Samrudhhi - झाशीचीराणी Chaitanya- लोकमान्यटिळक Adesh- इतिहासाचार्य Rutuja - anchor from SY and Chinmay –नानापाटीलDance by Srushti, Neha and Sai from Third Year. Student performances were excellent.



- The department has organized a seminar on industrial acts and legislation by **Mr. Pratik Jadhav** on 13th April 2023, and a demonstration on industrial safety, CPR, and fire safety by **Dr. Mona Gandhi** on 15th April, 2023 for students and staff. They explained the importance of following safety practices in each and every field of life. Dr. Mona demonstrated various first aid and safety measures to the students.
- Vidya Prasarak Mandal's Polytechnic, Thane, organized a state-level online technical paper presentation competition called '**Tantragnyan**' on April 20, 2023 for computer, electronics, and electrical groups to help students explore their ideas and presentation skills. With the objective:
 1. To bring out the situational analysis-based work of students and develop their ability to think outside the box.
 2. To help students explore their ideas and presentation skills.
 3. To help students gain expertise on the topics and therefore enhance their knowledge and learning.



- The department has organized a seminar on **IPR (intellectual property rights)** by **Dr. Usha Raghavan**. HOD of the Information Technology Department on 28th April, 2023 she highlighted the need for and importance of intellectual property rights. There was awareness among all our students about the IPR. She emphasized more on the topic of awareness about IPR because if any student or individual has an idea or any new creation that will help enhance technology or make anything more convenient to develop the country, then his or her credit and creation must be protected.



IPR Day Celebration, Seminar by Dr. Usha Raghavan, HOD IF Dept

- An eye checkup was organized by the CO Department in association with Swarashi Netralay on 29th April, 2023. Around 100 staff and students took advantage of this camp, checked their eye sight, and got suggestions from an expert ophthalmologist.



Alumni Details

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
1	2000070236	Bhatte Prathamesh Hemant	A 403 Pratik society, Samata Nagar. Thane west. Prathamb142@gmail.com 8242905714	A.P. Shah Institute of Technology, University of Mumbai
2	2000070242	Chawda Tanay Mehul	A-304 Shree Devkinandan CHS Ltd., Kharegaon, Kalwa, Thane 400605 tanay.chawda11@gmail.com 9321441746	A.P. Shah Institute of Technology, University of Mumbai
3	2000070246	Ambre Apurva Rajesh	A/102 Supriya App., Kharegaon, Kalwa(W)400605apurva.ambre1102@gmail.com 9167076150	A.P. Shah Institute of Technology, University of Mumbai
4	2000070254	Bhapkar Gayatri Shreeram	Durgesh Deep Society, Vipasha 4/001, kalher bhiwandi - 421302bhapkargayatri184@gmail.com 7028590525	A.P. Shah Institute of Technology, University of Mumbai
5	2000070276	Berde Tanaya Nitin	Old BDD 16/47 bj devrukhkar road Dadar(E) Mumbai 14 tanayaberde393@gmail.com 9321430541	Self employed
6	2000070285	Joshi Tanmay Nitin	B/1, Anagha Soc., S.N. Road, Near Tambe Nagar, Mulund(west) 40008022tanmayjoshi04@gmail.com 7900166545	Self employed
7	2100070530	Shams Sarah Fatma Parvez	Sarvoday Residency, Kalyan Westshams. sarah2003@gmail.com 9869589310	S.S. Jondhale College of Engineering, University of Mumbai
8	2000070256	Dawre Sanjana Deepak	B/002 Mangal Gopal CHS Kalina Santacruz(e) Mumbai 400029 sanjana.dawre24@gmail.com 9004934762	Bharat college, Badlapur
9	2000070301	Srushti Pandurang Jadhav	Runwal garden city, Balkum Thane (w) srushtipj25@gmail.com 8851247176	D.Y. Patil College, Navi Mumbai, University of Mumbai
10	2000070261	Koyande Vaishnavi Mahesh	20, Wadegati CHS, Ashok Nagar, Datar Colony, Bhandup(East), mumbai-400042 vaishnavikoyande6@gmail.com 8657467136	Datta Meghe College of Engineering, University of Mumbai

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
11	2000070239	Chaudhari Bhagyashri Sunil	2/302 Sarvodaya Garden, Pandurangwadi Dombivali(E) bhagyashri2684@gmail.com 8108004243	Datta Meghe College of Engineering, University of Mumbai
12	2000070245	Mohite Pranav Manoj	404, TukaramVila, TalavaliGaon, Navi Mumbai 4998pranav@gmail.com 7021819242	Datta Meghe College of Engineering, University of Mumbai
13	2000070247	Pardeshi Omkar Sharad	Gulmohar Apatment, bldg no 3, Vasind, Thaneomkarpardeshi1493@gmail.com 7249128719	Datta Meghe College of Engineering, University of Mumbai
14	2000070283	Poojary Roshni Ravi	202, MaaDarshan Bldg, B-Wing, Near Ferodia Company, Kisan nagar no 2, Wagle estate, Thane 400604 roshnipoojary413@gmail.com 8879916671	Datta Meghe College of Engineering, University of Mumbai
15	2000070284	Omkar Ramesh Patil	802, AbhishekHeights, KharkarAli, Thane (West) 400601 omkarpatil9126@gmail.com 7700034190	Datta Meghe College of Engineering, University of Mumbai
16	2000070294	Singh Devanshu Shivkumar	B/403 darpan CHS Lokmanya Nagar thane 400604 devanshusingh854@gmail.com 7208295962	Datta Meghe College of Engineering, University of Mumbai
17	2000070296	Bodke Shivani Ganesh	B-102, New Ravindra Apt, Chinchpada Kalyan shivanibodke1903@gmail.com 7021700357	Datta Meghe College of Engineering, University of Mumbai
18	2000070281	Holyaru Mahesh Ashappa	Vijay Nagri Waghbill GB Road Thane West 400615 maheshholyaru575@gmail.com 8097060468	Dilkap College, University of Mumbai
19	2000070293	Shirsath Krishna Pramod	Rm- 202, Yesu Anand, Desale Pada, BhoparRd, Dombivali (East) 421203shirsathkrishna19@gmail.com 9321524863	Don Bosco Institute of Technology, Kurla, University of Mumbai
20	2000070237	Gupte Agrima Swapnil	402, Bhagyavidhata CHS, Gokuldas Wadi, Khopat, Thane(W) 400601 agrimagupte@gmail.com 8591120789	Dwarkadas J. Sanghvi College of Engineering, University of Mumbai

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
21	2000070271	Sawant Atif Mansoor	A/302, Firdous Manzil, Kismat Colony, Kausa-Mumbra sawantatif96@gmail.com 9167389279	Fr.C.R.I.T., University of Mumbai
22	2000070257	Patel Reeba Feroz	2904/R3 Aurum, Q Residencies, TTC industrial area, Ghansoli, Navi Mumbai 400701 reebapatel2210@gmail.com 9321427853	Fr.C.R.I.T., University of Mumbai
23	2000070250	Mustansir Habil Bhagat	502, 5th floor Gautam Darshan, Edulji Road Charai, Thane West, 400601 mustansirbhagat@gmail.com 9967859038	Fr.C.R.I.T., University of Mumbai
24	2000070292	Deore Shivam Manik	Harshal Apt, Barrage Road, Near NG School Samartha Nagar, Badlapur (W) 421503 shivamdeore88@gmail.com 7972825279	G.V. Acharya Institute of Engineering, University of Mumbai
25	2000070289	Mishra Ronit Romesh	404, Om Gurukul Soc, Kharegaon, Kalwa(W) ronitm1305@gmail.com 9321612726	Indala College, Kalyan, University of Mumbai
26	2000070267	Khan Saima Shawar	J/703, Azziano, Rustomjee Urbania, Majiwada, thane(w) 400608 sskhan2704@gmail.com 7039158906	K.C. College of Engineering, University of Mumbai
27	2000070260	Patil Ruchira Pradip	Bldg No 10 Flat No 1202 Highland Park BehindD Mart Kolshet Road 400607 ruchirapatil2005@gmail.com 9527072737	K.J. Somaiya College of Engineering, University of Mumbai
28	2000070258	Chavan Chinmay Rajesh	A Wing 1304 Shramik CHS, Sai Vihar Naka Bhandup West. Mumbai chinmaychavan8080@gmail.com 8104275940	K.J. Somaiya College of Engineering, University of Mumbai
29	2000070255	Ravanang Runali Ravindra	Komal Ramai Appt, Room No 301, Third Floor, Suryanagar Vitawa, Thane ravanangrunali@gmail.com 9819665910	Kokan Gyanpeet College of Engineering, University of Mumbai
30	2000070298	Nandgaonkar Dhruv Santosh	Tata Power Colony Lake Road Bhandup(W) Mumbai dhruvnandgaonkar1856@gmail.com 7304169462	Kokan Gyanpeet College of Engineering, University of Mumbai

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
31	2000070297	Pal Pragya Brijendrakumar	A-4 Shitala Society L.B.S nagar 90 feet road sakinaka mumbai 400072 pragyapal474@gmail.com 8779731353	Lokmanya Tilak College of Engineering, University of Mumbai
32	2000070299	Joshi Diya Navneet	A-302 Sudhir Tower, S.N Road, Mulund West, Mumbai 400080diyajoshi2504@gmail.com91 37391157	Mukesh Patel School of Technology Management and Engineering, University of Mumbai
33	2000070244	Joshi Varun Kiran	D-306, Shree Chamunda Garden, 90 ft. Rd., Cholegaon, Thakurli (E.)varunjoshi311004@gmail.com77 15881457	New horizon institute of technology and management, University of Mumbai
34	2000070248	Sanas Sai Anil	1/1 Sai Sandesh Society, Maharashtra Nagar, Dombivli (W),421202saisanas125@gmail.com 7208703735	Pillai College of Engineering, University of Mumbai
35	2000070286	Jadhav Neha Balaram	R-61 Manokamana Society, Sudarshan Nagar, Dombivli (E)njadhav9044@gmail.com913620 2910	Pillai College of Engineering, University of Mumbai
36	2000070253	Borkar Vaishnavi Shirish	401, Om Sai Residency Near Tilak Chowk, Bramhin Alley, Bhiwandiborkarvaishnavi45@gmail. com9022542175	Pune Vidyarthi Grihas College of Engineering and Technology, Pune University
37	2000070280	Shete Amey Anil	B-203 Maitri Adinarayan, Chiplunkar road, Ramnagar, Dombivli East 421201ameyshete8@gmail.com7900 064158	Ramrao Adik Institute of Technology, University of Mumbai
38	2000070295	Kamthekar Advait Raturaj	B/502 Vasundhara CHS opp Lokpuram Thane West 400610advaitkamthekar12@gmail.c om9820146106	Ramrao Adik Institute of Technology, University of Mumbai
39	2000070270	Vaity Vaishnavi Rajesh	12, SwamiCHS, LokmanyaNagar, Pada no .3, Thane(w) 400606 vaishuvaity.17@gmail.com9769769 156	S.N.D.T. Womens University
40	2000070241	Patil Sneha Sunil	R/2 Flat 412, Gaodevi Co Op Hsg.Soc, ServiceRoad, Near ShivesenaShakha, Pachpakhadi Thane 400602 8657795715 sp000753@gmail.com	S.N.D.T. Womens University

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
41	2000070252	Tiwad Sarthak Pravin	15 manokamna, R-61 Sudarshan Nagar, Dombivili East, 421203 sarthak2.tiwad@gmail.com8976769000	S.S. Jondhale College of Engineering, University of Mumbai
42	2000070259	Patil Arpita Ganesh	701, Maitri Prasad CHS, Near Ramnagar Post Office, Dombivli East-421202 patilarpita34@gmail.com9321669807	S.S. Jondhale College of Engineering, University of Mumbai
43	2000070272	Hawale Shailesh Vishnu	Shiv Shakti Chawl, Shree Nagar Warlipada, Wagle Estate, Thane – 400604 shaileshhawale004@gmail.com9321556764	S.S. Jondhale College of Engineering, University of Mumbai
44	2000070277	Warang Parth Rakesh	B1/404 Asha Park. Pandurang Wadi, Dombivili(E) pw2104birth@gmail.com7400318692	S.S. Jondhale College of Engineering, University of Mumbai
45	2000070268	Adhalrao Chirag Bharat	C/A 905 Pariwar Socitey Nehru Nagar Kanjurmarg East Mumbai-400042chirag10july.in@gmail.com7710859398	Sandip University, University of Mumbai
46	2000070291	Gaurav Amol Vedak	B3-1404, Lok Everest, Mulund(W), Mumbai – 400080gauravvedakofficial@gmail.com9322319190	Seneca College, University of Mumbai
47	2000070274	Tanvi More	AL 3-7, room no .11, Nandanvan society, sec19, Airoli, Navi Mumbai 400708morertanvi@gmail.com9773394076	SIES graduate school of technology, University of Mumbai
48	2000070282	Jadhav Aryajeet Sairaj	A-103 Devashree Garden, Near Rutu Park, Majiwada, Thane (west) 400601. aryajeetjadhav84@gmail.com8291249019	Somaiya college of Engineering, University of Mumbai
49	2000070264	Pathak Gayatri Prashant	Room No 2204, BuildingNo 50, DeepmalaChs, Pokharan Road No 1, Behind Police Station, Vartak Nagar Thane pathakgayatri904@gmail.com7208467900	Self employed
50	2000070279	Poyekar Atharva Priyadarshan	3/301, Amrut Aangan Phase -1, Parsik nagar, Kalwa, Thane-400605 apoyekar2@gmail.com 8104573259	Terna college of Engineering, University of Mumbai

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
51	2000070266	Bhoye Sachin Vishnu	Vijay Nagri Waghbill Gb Road Thane West 400615 bhoyevisnu41@gmail.com 8928119438	Terna college of Engineering, University of Mumbai
52	2100070524	Gaund Deepak Rajkumar	424, Yadav Nagar, Sant kabir Nagar, MIDC Road, Airoli, Navi mumbai- 400708 gouddeepak2004@gmail.com 8652045135	Terna college of Engineering, University of Mumbai
53	2000070269	Sawant Vaibhav Rajesh	E-802 Rustomjee Azzaino, Near Mumbai Nashik Bypass Highway, Thane west vaibhavsr3130@gmail.com 9969658121	The South Indian Education Society SIES graduate school of technology, University of Mumbai
54	2000070240	Satopay Kaif Kauser	101 1st Floor Savera apt, Mahagir Thane (W) satopayk5@gmail.com 7506787896	The South Indian Education Society SIES graduate school of technology, University of Mumbai
55	2000070287	Jagtap Gauri Mahesh	A/3 Vasant Vihar Thane gautigj12@gmail.com 9769699417	Self employed
56	2000070273	Yadav Roshan Ramesh	Ramnagar Shree Krishna Chawl, Road No. 28 wagle Estate, Thane 400604 roshanyadav0550@gmail.com 9619565933	Self employed
57	2000070238	Bodke Omkar Somnath	6A/12, Rajiv gandhi Nagar, Thane (w). bodkeom12@gmail.com 9004783729	Vasant dada patil pratishthan's college of Engineering and visual arts, University of Mumbai
58	2000070235	Sonawane Tanay Tushar	C 304 Shree Shankheshwar Park Behind Model College, Khambalpada, Dombivli(E) 421203 tanaysonawane26@gmail.com 7304210726	Vidyalankar College of Engineering, University of Mumbai
59	2000070263	Surve Prathamesh Arvind	Saidham Bldg, 1st Floor, Room No.6, Pada No.1, Lokmanya Nagar, Thane(w) 400606 prathameshsurve1509@gmail.com 8104641911	Watumal Institute, University of Mumbai

Sr No.	Enrollment No	Name of the Student	Permanent Address / Email / Phone	Name of Degree college / Industry
60	2000070262	Bhalshankar Avishkar Santosh	Shiv Shakti Chawl, Shree Nagar warlipada, Wagle Estate, Thane – 400604 avishkarbhalshankar@gmail.com 9321638407	Yadavrao tasgaonkar College of Engg. &Management, University of Mumbai

Motivational: The Elephant Rope

A man was walking nearby to a group of elephants that was halted by a small rope tied to their front leg. He was amazed by the fact that the huge elephants are not even making an attempt to break the rope and set themselves free.

He saw an elephant trainer standing beside them and he expressed his puzzled state of mind. The trainer said “when they are very young and much smaller, we use the same size rope to tie them and, at that age, it’s enough to hold them.

As they grow up, they are conditioned to believe they cannot break away. They believe the rope can still hold them, so they never try to break free.”

Moral: It is the false belief of the elephants that denied their freedom for life time. Likewise, many people are not trying to work towards success in their life just because they failed once before. So, keep on trying and don’t get tied up with some false beliefs of failure.

I think it's fair to say that personal computers have become the most empowering tool we've ever created. They're tools of communication, they're tools of creativity, and they can be shaped by their user.

-Bill Gates

Access to computers and the Internet has become a basic need for education in our society.

-Kent Conrad

DEPARTMENT OF ELECTRICAL POWER SYSTEM

Vision: "Empowering students with best knowledge of Electrical Power System through innovative learning Methodologies."

Result Analysis (S-23) MSBTE Exam

Course	No. of Students Appeared	Distinction	I Class	II Class	ATKT	Total Passing % with ATKT
FYEP	63	5	5	0	11	33.33%
SYEP	58	5	8	1	6	34.48%
TYEP	46	18	17	4	0	84.78%

Toppers S-23 MSBTE Exam

Rank	Course	Name	Percentage (%)
1	FY	Jangam Vivek Mangesh	85.13
2	FY	Sane Mihir Hemant	80.63
1	SY	Kadam Vedika Pramod	86.27
2	SY	Thorat Kasturi Ramesh	85.60
1	TY	Sarak Shubham Krishnadeo	90.25
2	TY	Jadhav Aditya Ganesh	86.25

Student Trainings / Workshops Attended (A.Y.2022-23)

Sr. No.	Name of Student	Year and course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
1	TY(45 students)	TYEP	VLab Workshop	VLAB, Online Platform	27/03/23 to 29/03/23	Demonstration of VLAB	EPS Department

Sr. No.	Name of Student	Year and course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
2	TY	TYEP	Training on Road Safety Program	A V Room, V.P.M's Polytechnic, Thane	28/11/2022	Training on Road Safety Program	United Way Mumbai's Flagship project, United Road Safety
3	SY	SYEP	VLab workshop	VLAB, Online Platform	25/11/2022	Demonstration of VLAB	EPS Department
4	SY	SYEP&TYEP	Workshop on Fire Alarm Systems, Fire Fighting, Fire Suppression Systems& PAS	A V Room, V.P.M's Polytechnic, Thane	10/08/22	Demo on Fire Alarm Systems, Fire Fighting, Fire Suppression Systems and PAS	Advance Institute of Safety Engg (AISE), Kalyan

Student Winners of Inter Collegiate Competition (A.Y.2022-23)

Sr. No	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
1	Pahadi Vedant Sulesh	Idea Pitching Competition 2022-23	Idea Pitching	V.P.M.'S Polytechnic, Thane	Institute level	Online Platform	26/11/22	2 nd Prize
2	ChechatwalaTaha Murtaza	Idea Pitching Competition 2022-23	Idea Pitching	V.P.M.'S Polytechnic, Thane	Institute level	Online Platform	26/11/22	3 rd Prize
3	DhanveVishal Vinod	Technical Quiz Competition	Technical Quiz	Kala Vidya Mandir Institute of Technology Polytechnic	State Level	Online Platform	15/04/23	2nd Prize

Sr. No	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
4	Jadhav Aditya & Joshi Parth	"Tantragyan" (Title of Paper: - Solar Photovoltaic & Wind Energy Hybrid System: Simulation Analysis)	Online Technical Paper Presentation Competition	VPM's Polytechnic Thane	State Level	Online Platform	20/04/23	1st Prize
5	Jadhav Aditya & Joshi Parth	Technical Quiz Competition	Technical Quiz	Shivajirao S. Jondhale Polytechnic Ambernath	State Level	Online Platform	22/04/23	2nd Runner up
6	Jadhav Aditya & Joshi Parth	Technical Paper Presentation Competition (Title of Paper: - Solar Photovoltaic & Wind Energy Hybrid System: Simulation Analysis)	Technical Paper Presentation	A State Level Technical Paper Presentation Competition, Online Mode, S.S. Jondhale Polytechnic Ambernath	State Level	Online Mode	23/04/23	1 st Prize
7	Khanderao Atharva & Bhagat Vaibhav	Technical Paper Presentation Competition (Title of Paper: - Renewable Energy By Foot Step)	Technical Paper Presentation Online Mode	A State Level Technical Paper Presentation S S. Jondhale Polytechnic Ambernath	State Level	Online Mode	23/04/23	2nd Prize
8	Surve Samarthya & Khode Gauri	Technical Paper Presentation Competition (Title of Paper: - Smart Auditorium)	Technical Paper Presentation Online Mode	A State Level Technical Paper Presentation S.S. Jondhale Polytechnic Ambernath	State Level	Online Mode	23/04/23	2nd Runner up

Guest Lecture Record (A.Y. 2022-23)

Sr.No.	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
1	15/09/22	Career opportunities and paper presentation skills	Mr. Mandar Bhadang Sir (HR Head-Rest of India at Waycool Foods and Products Pvt. Ltd. Mumbai) and Ms. Shrustikolhe (Allumini talk)	Rajashree Patil & Geethi P.	TYEP	50
2	02/03/23	Expert Lecture on Electrical Safety	Mr. Prashant Manurkar Sr. GM in Prism Johnson Limited	Rujuta Kambli & Siddhi Khopkar	SYEP & TYEP	110

Industrial Visit Record (A.Y. 2022-23)

Sr. No.	Date	Place Name	Name & Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
1	17/04/23	MSEDCL Thane Power House Substation	Mr. Prajapati (Junior Engineer), Mr. More (Assistant Operator, MSEDCL)	Rujuta Kambli & Yogita Kadam	SYEP	55 02 (staff)
2	31/03/23	Electrical Vehicle Charging station at Levicon India System Pvt. Ltd., Panvel.	Mr. Kedar Nadgaundi (Director, Levicon India System Pvt. Ltd.)	Surbhi Shroff & Siddhi Khopkar	TYEP	50 02 (staff)
3	05/12/22	Industrial Visit at Dahanu Thermal Power Plant.	Shubham Rajesh Sonar, Project Manager, Dahanu Thermal Power Plant	Rujuta Kambli, Siddhi Khopkar & Geethi P.	SYEP & TYEP	60 03 (staff)
4	18/11/22	Indoor Substation, Thane	Mr. Prajapati (Junior Engineer, MSEDCL)	Surbhi Shroff & Siddhi Khopkar	TYEP	50 02 (staff)

Alumni Details

Sr. No	Enrollment No	Name Of Student	Permanent Address / Email / Phone	Name of Degree College
1	1900070169	Kamble Yash Ashok	Ro.no.2 AchanakWadi R.S Road Thane (w)400601 yashkamble986@gmail.com 8433624987	Matoshri College ofEngineering& Research Centre, Eklhare, Nashik
2	1900070170	Zambare Sanskruiti Sandip	Sarovar Darshan, Panchpakhadi,Thane 400602 tanvi.zambare@gmail.com 9594770264	G. H. Raison College of Engineering, Jalgaon
3	1900070171	Bagul Amruta Amol	8 HimnadiChsR-2 Opposite toRR Hospital Sudarshan Nagar MIDC Kalyan Road Dombivaliamrutabagul72@gm ail.com 9324681612	A.C patil college of Engineering
4	1900070172	Shaikh Aslam Ahmed Hussain	Room no. 3, Next to D.H. Patil Garden, Sudha Chawl, Chinchpada, Ambernath (W). a2s011a8m45@gmail.com 9370136224	Employed: Kaltro Enterprises.
5	1900070173	Jadhav Hitisha Ramesh	Bk No 1500 Room No 03 Section 30 Ulhasnagr04jadhavhitisha483 @gmail.com 9146335868	Dilkap Research Institute of Engineering and Mngt Studies
6	1900070174	Pawar Kaustubh Kishor	At, Post, Tal - Wada, Dist- Palghar kaustubh30.pawar@gmail.com 8879436297	Indira Gandhi College of Engg, Ghansoli Navi Mumbai
7	1900070175	Sawant Nandini Mangesh	907, Om Shiv Samarth C.H.S Opposite Satyam Apt Dindayal Nagar Panchpakhadi Thane (W) nandini.sawant2810@gmail.co m 8425085646	Lokmanya Tilak College of Engineering.
8	1900070176	Pingle Siddhesh Manoj	A/005 Yash Anand Society Sambhaji Path 9004286590 VishnunagarNaupada Thane Westpsiddhesh876@gmail.com	A.C. Patil College of Engineering

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
9	1900070177	Bhosale Viraj Subhash	Rn. 1544. Anand Nagar, OppKamgar Kendra, Kopri, Thane(E) virajbhosale252003@gmail.co m 8657846280	Mahatma Gandhi Mission's College of Engg. & Technology, MGMCET Navi Mumbai.
10	1900070178	Bhuvad Mayuresh Suresh	Sheet Chandralok Sunil Nagar Dombivli 421201 mayureshbhuvad36@gmail.co m 7039886684	A.C. Patil College of Engineering
11	1900070179	Waghmare Shubham Kiran	A/3, SaiAshirwad, R.No.15, Gr Floor Vitawa, Thanewaghmares 644@gmail.com 9322304322	Mahatma Gandhi College of Engineering and Technology Navi Mumbai.
12	1900070180	Konde JidnyasBalsh iram	Navimumbai, airoli, sector 8A, Eden house, B wing, 203, 400708 jidnyaskonde@gmail.com 9137725947	Lokmanya Tilak Koparkhairne
13	1900070181	Teli Sarthak Satish	NavyuvakSociety, C1-16, Third Floor Bhanduptelisarthak@gmail.co m 7588497123	Mahatma Gandhi College of Engineering and Technology, Navi Mumbai.
14	1900070182	Qadri Tabin Tareq	Hamalwada, Dargah Road, Bhiwandi, Thane tabinqad@gmail.com 9960316887	FR. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai
15	1900070183	Rathod Sarika Umesh	Room No. 999/A, Khartan Road, Opp. Shitla Mata Mandir, Thane (West) sarika10rathod@gmail.com 9892858738	A.C. Patil College of Engineering
16	1900070184	Thatte Purva Amey	2/15 Moreshwar Krupa C.H.S, Datar Colony, Bhandup (E). Mumbai: 400042 purvathatte379@gmail.com 8850996230	K.J. Somaiya College of Engineering. Certificate Course in Cyber Security.

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
17	1900070185	Avhad Rushikesh Anil	Devidas NiwasVinayakChowk Kalyan rushikeshavhad16@gmail.com 9326463847	Sandeep University College of Engineering
18	1900070186	Jadhav Chirag Dhanaji	C414, Kadambari Chawl, Jaibhavani Nagar adarshjadhavv222@gmail.com 9324481732	Lokmanya Tilak College of Engineering, Koparkhairne
19	1900070187	Dabhade Himanshu Ganesh	Ekta Colony, Sec 29, Shreeram Nagar, Ulhasnagar 4himanshudabhade44@gmail.co m 7770053283	Lokmanya Tilak College of Engineering, Koparkhairne
20	1900070188	Kumavat Ayush Rajendra	Room.No.2, Sairaj Society, Gaikarnagar, Near Bhal Bus Stop, Vasargaon, Malangad Road, Kalyan (East) ayushkmvt@gmail.com 7666003471	Smt. Indira Gandhi College of Engineering
21	1900070189	Sutar Vinayak Baburao	Room No.105, Milind Nagar Kanjur Marg sutarvinayak351@gmail.com 7045871572	Self employed
22	1900070190	Survase Shruti Shivaji	A11, Wing 6, Room No 1, Saikrupa CHS Sector 9 Koperkhairne, Navi Mumbai shrtsurvase2@gmail.com 8108357968	Lokmanya Tilak College of Engineering, Koparkhairne
23	1900070191	Maske Ganesh Subhash	Nehru Nagar No.2, Road No.18, Near Telephone Office, Wagle Estate, Thane (W) - 400604 ganeshmaske5777@gmail.com 8928605742	Zeal College of Engineering, Pune
24	1900070194	Pradhan Rasika Vinod	Ashale Pada R.No. 7/4, Shri Krishna Colony Ulhasnagar rasikavpradhan26@gmail.com 7820876969	Dilkap Research Institute of Engineering and Management Studies - Karjat

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
25	1900070195	Ayare Shreyas Santosh	B-3, SomeshwarChs Sant Dnyaneshwar Nagar, Wagle Estate Thane (W) ayareshreyas@gmail.com 7304794949	AC Patil College of Engineering
26	1900070197	Kamble Pratik Rahul	B-1, Krishna Complex Badlapur pratikpdp4@gmail.com 9511677515	Dilkap Research Institute of Engineering and Management Studies - Karjat
27	1900070198	Rane Kartik Vijay	Iris,304 Shivganga Nagar Ambernath kartikrane282003@gmail.com 7028249719	Kokan Gyanpeeth, Karjat
28	1900070199	Nikam Aniket Ramchandra	Ram Nagar, Wagle Estate, Road no. 28, Thane West – 400604 aniketnikam383@gmail.com 7304806985	Zeal College of Engineering Pune
29	1900070200	Yadav Sahil Jeevan	A-602, Hawa Mahal, Manpada, Thane sahilyadav37991@gmail.com 9082579835	AC Patil College of Engineering
30	1900070201	Kolhe Srushti Shailendra	402, Amogh Apt. Nr Omkar Apt,Opp Parsik Bank, Kharegoan, Kalwa, deepakolhe2003@gmail.com 8689899966	Fr. C. Rodrigues Institute of Technology, Vashi
31	1900070202	Shruti Prakash Khandait	Flat no. 604, Bldg no. 15, Vijay Park, Kasarvadvali, GhodbunderRoad, Thane (W). 400615 shrutikhandait09@gmail.com 8454982679	Smt. Indira Gandhi College of Engineering Ghansoli
32	1900070203	Sable Namrata Sudhir	Shree Ram Colony Room No 9 Milind Nagar Birla College Kalyan West sablenamrata7@gmail.com 9152781692	Self employed

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
33	1900070204	Chaudhari Pranad Madhukar	Chota Mhasoba Maidan Chikanghar Kalyan pranadchaudhari07@gmail.com m 7718885177	Zeal College of Engineering Pune
34	1900070206	Lotankar Yash Uday	15/6 Vakratunda Chawl, Behind Krunal Co. Pragati Mitra Mandal, Ganpatipada, Vitawa lotankar70@gmail.com 9136838698	Mahatma Gandhi College of Engineering and Technology Navi Mumbai.
35	1900070208	Malave Omkar Mahesh	Golden Park, Beturkarpada, Kalyan westmalaveomkar123@gmail.com 9820547072	AC Patil College of Engineering
36	1900070210	Ainpurkar Sohan Rajesh	304, Sai Bal Manu, Chincholi Pada, Subhash Road, Opp Hanuman Mandir, Dombivli (West) sohanainpurkar@gmail.com 9082414064	Datta Meghe College of Engineering
37	1900070211	Shaikh Sufyan Salim	7 Islampura, Alibahadur (C) Acc Road, Mulund West sufyanshaikh0789@gmail.com 9004890908	Self employed
38	1900070212	Jadhav Mansi Gajanan	Leena Sadna Room No 4 Near Roop Swarup Building Thane (W) mansijadhav124.mj@gmail.com m 9004915082	New Horizon College of Engineering, Thane
39	1900070377	Gotarane Tanay Mahendra	At. gates bk. Post Kone, Talwada, Dist.Palghartanaygotarne28@gmail.com 9028999684	VIVA Institute of Technology
40	1900070378	Yadav Sahil Dilip	P.N Road Bhandupsy726121@gmail.com m 9321128304	Sanjeevani Vyapari LLP

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
41	1900070379	Kale Sahil Sandeep	Room No 341 Rahul Nagar Behind Mulund Darshan Bldg Mulund Colony Mulund West Mumbai 400082 sahilkalesk2003@gmail.com 9987272526	A.C. Patil College of Engineering
42	1900070380	Govekar Pranay Vasudeo	Plot no: -346,New Mhada Colony, Sainath CHS, Vartak Nagar, Thane (W) govekarpranay5@gmail.com 9594845807	Government College of Engineering Ratnagiri
43	2000070318	Kamble Omkar Prakash	B/38 Sanman Society Kharegoan Kalwa West kambleo783@gmail.com 7021661302	Self employed
44	2000070319	Gupta Anant Suryamani	Room No - 16, Indira Nagar, Rupadevi Pada No-02, Wagle Estate Thane anantgupta1357@gmail.com 9930504107	Self employed
45	2000070321	Kode Shashank Vinayak	Shree Ram Nagar Chs,2nd Floor,201, P.K. Road, Mulund West shashank.kode.50@gmail.com 9653193389	Self employed
46	2000070322	Chaudhari Akash Balasaheb	Dattatray Bhavan room no.01, M. Phule Nagar Mohine akashchaudhari2001@gmail.com 9082529438	Father Agnel College of Engineering, Vashi
47	2000070323	Kale Gaurav Gajanan	Veer Sambhaji Nagar, Kisan Tambe Chawl, LBS Marg, Mulund(W) gogokale515@gmail.com 9773779971	Self employed
48	2000070324	ShewaleDhiraj Vijay	M. D. Keni Marg, Bhandup East dhiraj29shewale20@gmail.com 7304057477	Employed: Kaltro Enterprises.

Sr. No	Enrollment No	Name Of Student	Permanent Address/ Email/ Phone	Name of Degree College
49	2000070326	Mumbarkar Swayam Vishwas	Near Siddharth Balawadi, BhimNagar, Behind Sarvodaya Hospital, L.B.S. Marg, Ghatkopar (W) swayammumbarkar2211@gmail.com 9137899905	Self employed
50	2000070327	Ravishankar Prajapati	Jai Jawan Jai Kishan Chawl, Waghoba Nagar, Kalwa East, Thane Pravishankar986@gmail.com 9867983328	Employed: Dusters Solutions Services Pvt Ltd
51	2000070330	Khadang Manas Krishna	26, Sagar Darshan Chsl Mith Bunder Road Chendani Koliwada Near Ekveera Temple Thane East Manaskhadang@Gmail.Com 7400151310	Lokmanya Tilak College of Engineering
52	2000070331	Hile Prashant Vilas	Room no.447, Near Shivasena Shakha, Shreenagar Varlipada, W. E, Thane hileprashant8@gmail.com 8356805148	A.C. Patil College of Engineering
53	2000070332	Desai Rajeshwar Mangesh	Room. No. 2, Kalawati Bhavan, Shivajinagar, B-Cabin, Naupada, Thane(W) 400602 desairajeshwar2002@gmail.com 9699471171	A.C. Patil College of Engineering
54	2000070333	Alchrist Anthony	401/A wing, Blue Bird CHSL, Kolbad, Kolbad Road, Thane West 400601 alchristanthony712000@gmail.com 8169954244	Smt. Indira Gandhi College of Engineering
55	2000070334	Jadhav Aishwarya Bhimrao	AL5/18/11, Shanty Doot Apartments, sector 5, Airoli, Navi Mumbai. jadhav.aishwarya.13@gmail.com 9503268723	A.C. Patil College of Engineering

Department Achievements

AICTE funded MODROBS Project report

Department received AICTE MODROB grants of Rs 12.22 lacs for Modernization & upgradation of power system lab.

➤ **Objective of Project**

- To aware students & staff with new technology in power system.
- Replace outdated technology equipment with recent technology equipment.
- Visualize students with actual components of power plant & transmission components.
- Handle control panel for protection of motor, transformer relay with modern safety equipments.

➤ **Actions taken Under MODROB Project**

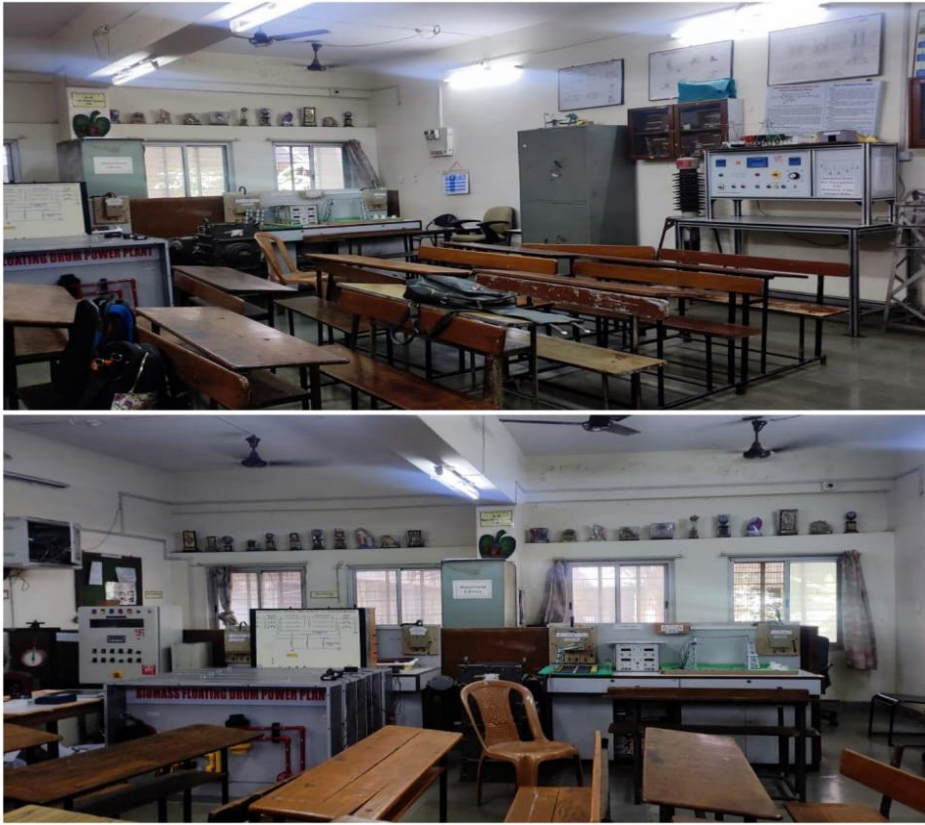
Under this project department upgraded Power System lab by

- ✓ Replacing old control panels student's project with new panels having modern safety equipment like panel for transmission line performance, control panel for transformer differential protection.
- ✓ Adding Control panel for induction motor protection with new technology VFD, relay testing unit.
- ✓ Adding Cut section & models of recently used SF6 & VCB CB.
- ✓ Adding open view model of Earthing set, lightening arrester.
- ✓ Open view model of all types of power plans are added in lab in order give actual visualization of power system components to students.

Department also upgraded lab by

- Replacing all old conventional tube lights with LED tube.
- Replacing old regulators with electronic regulators under energy conservation techniques.
- Replacing Old iron clad switches by modern MCBs.
- Replacing old iron wing nuts by male female contacts.
- Replacing old wooden switch boards by modern module box.

Power System Laboratory before up-gradation



Power System Laboratory after up-gradation



DEPARTMENT OF INDUSTRIAL ELECTRONICS

Vision: "Ensuring Quality Electronic Engineering Education for the benefit of society."

Result Analysis S-23 MSBTE Exam

Course	No. of Students Appeared	Distinction	I Class	II Class	ATKT	Total Passing %with ATKT
FY	60	04	12	0	32	80
SY	60	9	16	3	5	55
TY	25	12	8	0	-	80

Toppers

Rank	Course	Name	Percentage (%)
1	FY	Ms. Rode Manjiri Sushant	76.80
2	FY	Mr. Dabhekar Arnav Anant	76.40
1	SY	Ms. Jha Mehar Bablu	89.20
2	SY	Mr. Jware Rohan Ram	86.67
1	TY	Mr. Dhure Tejas Vilas	86.12
2	TY	Mr. BekeYadnesh Bhalchandra	85.06

Student Trainings / Workshops Attended (2022-23)

Sr. No	Name of Students	Year and course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
1	SY (29 students)	SYIE	Workshop	V.P. M's Polytechnic Thane	15/10/22	Arduino Workshop	V.P. M's Polytechnic Thane
2	SY (40 students)	SYIE	Workshop	V.P. M's Polytechnic Thane	27/03/22	VLAB Workshop	V.P. M's Polytechnic Thane
3	TY (30 students)	TYIE	Workshop	V.P. M's Polytechnic Thane	29/03/22	VLAB Workshop	V.P. M's Polytechnic Thane

Sr. No	Name of Students	Year and course	Training/ Workshop Attended	Venue	Date	Event	Sponsoring authority
4	SY (25 students)	SYIE	Workshop	V.P. M's Polytechnic Thane	18/3/23	Getting started with IoT tool Node MCU	V.P. M's Polytechnic Thane
5	SY & TY(23 students)	SYIE TYIE	Workshop	V.P. M's Polytechnic Thane	15/04/23	RYLA	Rotary Club of Thane Skyline

Student Winners of Inter Collegiate Competition

Sr No	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
1	Jha Mehar Bablu, Jadhav Rachit Kishor, Zunjarrao Vedant Hemant, Jarad Gaurav Navnath	Night Petrol Robot Using IOT	Paper Presentation	ISTE	State	Tulsiramji Gaikwad – Patil College of Engg. & Poly Nagpur	25/03/23	1 st Prize
2	Jarad Gaurav Navnath	Technical Quiz Competition	Technical Quiz Competition	S.H.Jondhale Polytechnic, Dombivli	State	S.H. Jondhale Polytechnic, Dombivli	14/02/23	1 st Prize
3	Dhure Tejas Vilas	Technical Quiz Competition	Technical Quiz Competition	S.H.Jondhale Polytechnic, Dombivli	State	S.H.Jondhale Polytechnic, Dombivli	14/02/23	2 nd Prize
4	Jha Mehar Bablu, Jadhav Rachit Kishor	Advance in Automobile (Hybrid)	Technical Paper Presentation	MSBTE	Natio nal	Sanjay Bhokare Group of Inst, Faculty of Poly, Miraj	08/04/23	1 st Prize

Sr No	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
5	Zunjarrao Vedant Hemant, Chaudhary Chetan Manish	Technical Quiz Competition	Technical Quiz Competition	ISTE	State	S.S. Jondhle Polytechnic, Ambernath	15/04/23	2 nd Prize
6	Dhure Tejas Vilas Walmiki Pravin Mallikarjun	Technical Quiz Competition	Technical Quiz Competition	ISTE	State	S.S. Jondhle Polytechnic, Ambernath	15/04/23	1 st Prize
7	Sarpande Mugdha, Chaudhary Chetan Manish	Next Generation Circuit Element	Paper Presentation	ISTE	State	S. S. Jondhle Polytechnic, Asangaon	25/02/23	Partici- pation
8	Shelar Dnyaneshwar Walmiki Pravin Mallikarjun , Jarad Gaurav Navnath	Power Electrons in Renewable Energy	Paper Presentation	ISTE	State	Agnel Polytechnic Vashi	18/03/23 & 19/03/23	Partici- pation
9	Kashid Aayush Sanjay	Node Mcu ESP 8266	Paper Presentation	ISTE	State	Tulsiramji Gaikwad – Patil College of Engg. & Poly Nagpur	25/03/23	Partici- pation
10	Chaudhary Chetan Manish, Zunjarrao Vedant Hemant	Circuit Nova	Vectors 23	A.C.Patil College of Engineering	State	A.C.Patil College of Engineering	17/03/23 and 18/03/23	Partici- pation
11	Yadav, Sarvesh Pravin Chaudhary Chetan Manish	“Memristor: The Next Generation Circuit Element”	Paper Presentation	ISTE	State	Tulsiramji Gaikwad – Patil College of Engg. & Poly Nagpur	25/03/23	Partici- pation

Sr No	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
12	Zunjarrao Vedant Hemant	Quiz Competition	Quiz Competition	ISTE	State	Agnel Polytechnic Vashi	18/11/22 and 19/11/22	Participation
13	Zunjarrao Vedant Hemant	Technical Quiz Competition	Technical Quiz Competition	S.H. Jondhale Polytechnic, Dombivli	State	S.H. Jondhale Polytechnic, Dombivli	14/02/23	Participation
14	Jha Mehar Bablu, Jadhav Rachit Kishor	Night Petrol Robot Using IOT	Paper Presentation	ISTE	State	S.H. Jondhale Polytechnic, Dombivli	14/02/23	Participation
15	Jha Mehar Bablu, Jadhav Rachit Kishor	Night Petrol Robot Using IOT	Paper Presentation	ISTE	State	Agnel Polytechnic Vashi	18/03/23 and 19/03/23	Participation

Guest Lectures Record (2022-23)

Sr. No.	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
1	10/8/22	ELV safety and security	Mr. Sanjay Sharma (Director, Advant Edge Institute.)	Mr. Anand Acharya	SYIE TYIE	35
2	30/9/22	Robotic Surgery	Mr. Aditya Bidkar (Sales Manager, Intuitive Surgical India Pvt.Ltd.)	Mrs. Jothy Saji	SYIE TYIE	90
3	12/10/22	Cyber Security	Mr. Manish & Mr. Rishikesh (Alumni of Bandodkar College Thane)	Mrs. Jothy Saji	SYIE	40
4	26/8/22	Prototype validation- Innovation to Startup	Mr. Kalpak Suryavanshi Entrepreneur (Health Care sector)	Mr. Anand Acharya	TYIE	30

Sr. No.	Date	Topic Name	Name& Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
5	26/10/ 22	Motivational Thought	Mr. Jay Tulsidas Phadke (Director Medicare)	Mr. Anand Acharya	SYIE TYIE	90
6	21/02/23	Public Awareness of Elevators, Safety and IoT	Mr. Pravin Yabajee (Deputy Manager, Sales, FUJITEK India Pvt Ltd)	Ms. Pradnya Bodke	SYIE TYIE	90
7	05/10/22	Arduino	Mr. Pranav Tandale , (Alumni, Pursuing M.E)	Mr.Tushar Mohite Patil Mr. Anand Acharya Mrs.Jothy Saji Ms.Pradnya Bodke	SYIE	29
8	13/04/23	Legislation	Mr.Praitk Jadhav (Head EHS &ESG)	Mr. Anand Acharya Ms.Pradnya Bodke	SYIE TYIE	100
9	17/04/23	Career Guidance	Mr. Satish Ghorphade (HOD, Electrical Engg. Dept VPM'S COE, Velenshwar)	Dr. Kirti Agashe Mr. Tushar Mohite Patil	TYIE	37
10	17/04/23	Career Guidance	Mrs. Bhakti Ghorpade (Civil Engg.DeptVPM'S COE, Velenshwar)	Dr. Kirti Agashe Mr. Tushar Mohite Patil	TYIE	37
11	18/04/23	Advanced power Electronics	Mr. Pravin Ambre (Director Swastik Enterprises)	Ms. Reshma Patil	SYIE	61
12	19/04/23	Mangement Safety	Mr.Sagar Kajarekar (Visting Faculty)	Ms.Reshma Patil Ms.Pradnya Bodke	TYIE	37
13	19/04/23	Automation	Mrs.Smita Khandagale , (Lecturer VPM's Polytechnic Thane)	Ms. Reshma Patil Ms.Pradnya Bodke	SYIE	61

Industrial Visit Record (2022-23)

Sr No	Date	Place Name	Name& Designation of Expert Person	Name of the staff involved	Year And Course	No. of Participants
1	18/08/22	Goregaon Exhibition Center	Goregaon Exhibition Center	Mr. Anand Acharya	TYIE	36
2	14/10/22	Kohinoor Business School, Kurla	Mr. Kiran Bhagat (BNI Evolve, Director)	Ms. Pradnya Bodke Mrs. Vidya Hebli	TYIE	36
3	2/12/22	Natu Plastics Thane	Mrs.Noopur Salvi (Co-ordinator)	Ms. Reshama Patil Mrs. Vidya Hebli	TYIE	36
4	23/11/22	Aum Residency CHS, Barave Village, Kalyan	Mr. Jay Phadke , (Director Medicare)	Ms. Pradnya Bodke Mrs. Vidya Hebli	TYIE	36

Trainings / Workshops attended by Staff

Sr.No	Date / Duration	Name of Staff	Type	Event	Venue
1	10 April to 15 April 2023	Ms. Pradnya Bodke	Offline	MSBTE approvedFDP on Recent Trends in Optical Fibre and AI	Swami Vivekanand Polytechnic College, Mumbai.
2	13 March to 17 March 2023	Mr. Anand Acharya	Offline	MSBTE approved FDP onInnovation, Incubation and Startup culture	VPM's Polytechnic Thane.
3	13 March to 17 March 2023	Mrs. Jothy Saji	Offline	MSBTE approved FDP onInnovation, Incubation and Startup culture	VPM's Polytechnic Thane.

Department Activities

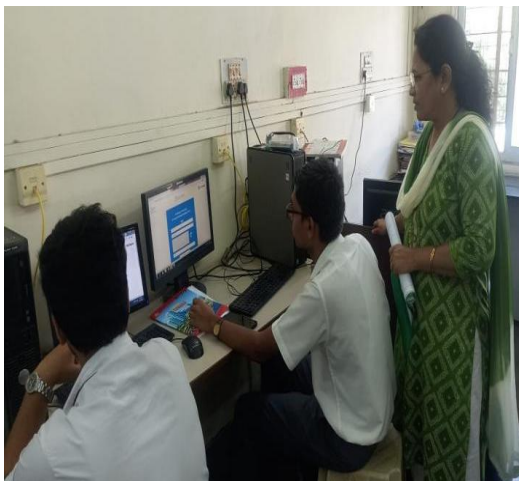
A guest lecture was arranged for the students of Industrial Electronics Department by Head of Computer Engineering Department, Mrs.S.K.Shukla on 16th March 2023. The lecture was on the topic 'Introduction to Python.'

On the occasion of World Intellectual Property Rights Day, 26th April, IE department students attended a seminar organized by IIC.



Virtual Lab Workshop

Virtual Lab workshop was organized during 27th March to 29th March 2023 for First, Second and Third year students of Industrial Electronics Department.



One Day Workshop

On 18th March, 2023 a one-day workshop titled ‘Getting Started with IoT Tool Node MCU’ was organized by Industrial Electronics Department. Alumni, Ms.Amisha Bhoir who is presently working as Assistant Professor in Shah & Anchor College of Engineering, Chembur and HOD Dr.Kirti Agashe were the resource persons. 23 students from SYIE and TYIE participated in the workshop. Ms.Reshma Patil, Lecturer IE and Ms.Vaishnavi Gopale, lab assistant co-ordinated the workshop activities.



Exhibition Visit

Second and Third year students of Department visited the ISRO Space Exhibition at VJTI, Mumbai from 24th to 26th Feb, 2023.



Celebration of Azadi Ka Amrut Mahotsav

On March 23, students of V.P.M.'s Polytechnic celebrated 'Azadi Ka Amrut Mahotsav' by presenting a drama titled 'Aazadi Chi Amrut Gaatha.' This drama was to remember the sacrifice of all freedom fighters. This program was planned by MSBTE in association with the Directorate of Cultural Affairs and the Directorate of Technical Education, Mumbai. V.P.M.'s Polytechnic was selected among the 75 educational institutes in Maharashtra State to execute this plan. On 23rd March, 75 institutes presented the same drama in 36 districts of Maharashtra. On this occasion a small procession was organized by all third-year students of the Polytechnic on the Thana College campus. HOD Dr.Kirti Agashe worked as a coordinator and guided the students for the execution of this. This program was very well appreciated and covered by leading newspapers. All participants received certificates from the state government of Maharashtra.



आझाद हिंद गाथेद्वारे स्वातंत्र्यसैनिक बलिदानाचा सन्मान व्ही. पी. एम. पॉलिटेक्निक महाविद्यालयात नाटकाचे सादरीकरण

ठाणे - पुढारी वृत्तसेवा
स्वातंत्र्याच्या अमृत महोत्सव महोत्सवानिमित्त स्वातंत्र्यसैनिकांच्या बलिदानाप्रती सन्मान व्यक्त करण्यासाठी महाराष्ट्रातील ३६ जिल्ह्यात एकाच वेळी आझाद हिंद गाथा नाटकांचे सादरीकरण करण्यात आले. ठाणे जिल्ह्यात विद्या प्रसारक मंडळाच्या व्ही. पी. एम. पॉलिटेक्निक महाविद्यालयात या नाटकाचे सादरीकरण पुढारी करण्यात आले. सांस्कृतिक कार्यसंचालनालय, राष्ट्रीय सेवा योजना आणि आर्टिस्टिक इयुथ्स यांच्या संयुक्त विद्यमाने आजादीचा अमृत महोत्सव ७५ + ७५ + ७५ या कार्यक्रमाना अंतर्गत आझाद हिंद गाथा सभ्यातील ३६ जिल्ह्यातील ७५ महाविद्यालये, ७५ ठिकाणी, ७५ नाट्यप्रयोग सादर



करण्यात आली. स्वातंत्र्यसैनिकांच्या बलिदानाचा सन्मान करण्याचा एक दिवस, भारताच्या प्रसासाची कळाणी आणि अमृत महोत्सवाची भावना साजरी करण्याची एक खरी संधी या कार्यक्रमातुळे मिळाली. या एवढ्यापामुठू शेरित होऊन युवा विद्यार्थी पुढा आपल्या दैवीव्यमान

दुर्गितासाकडे वळतील, असा विभाग विद्या प्रसारक मंडळाचे तंत्रनिकेतनचे प्राचार्य डॉ.डी के नायक यांनी व्यक्त केला. या नाटकाचे दिग्दर्शन आणि नियोजन इंडस्ट्रियल इलेक्ट्रॉनिक्स विभाग प्रमुख डॉ.किर्ती आगसे यांनी केले. नाटकाचे आ. मोहनी पुजारे, पूजा जंभडे आणि सुनिन्मा एम. उपस्थित होत्या.

राज्यातील हजारो कलाकार सहभागी
महाराष्ट्रातील एक हजारहून अधिक विद्यार्थी, कलाकार, नाट्यनिर्माते या उपक्रमगत सहभागी झाले होते. महाविद्यालयातील ५ विभागांच्या विद्यार्थ्यांनी सादर नाटकात सहभाग घेतला होता.



Celebration of Rajyabhasha Marathi Day

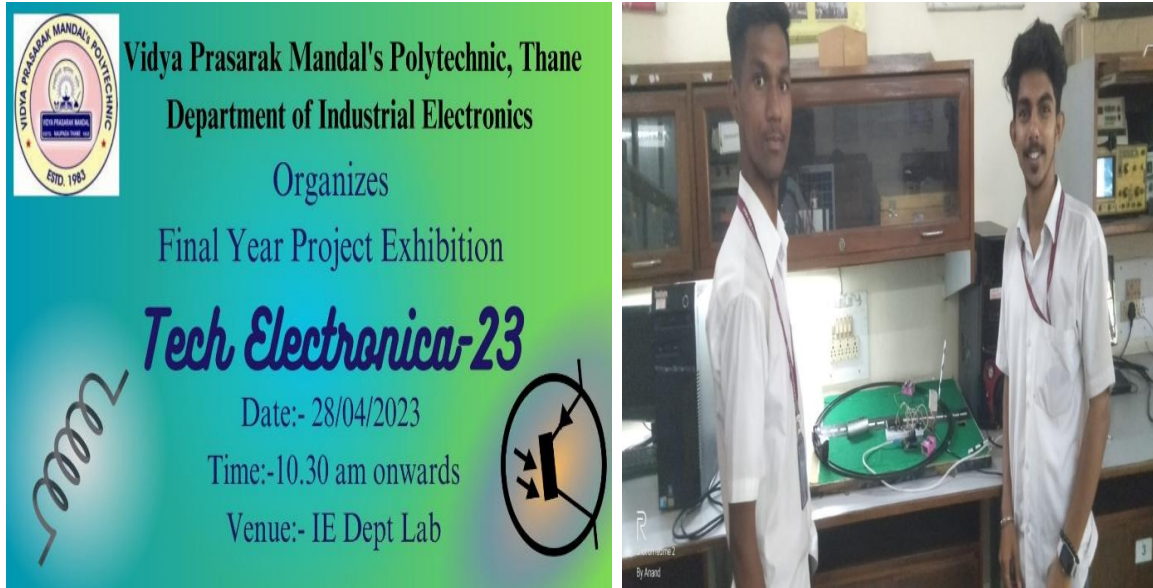
On 27th February, students of the Industrial Electronics Department celebrated the Rajyabhasha Marathi Day. A competition for reciting Marathi poems was organized. Total 22 students participated in this competition. Faculty members also presented poems of well-known poets. Head of the Department Dr.Kirti Agashe explained the importance of the day and presented kaavyagaayan of the famous poem “VedaatMaraathe Veer Daudale Saat” by the Late Kusumagraj.

वि.प्र. मंडळ तंत्रनिकेतन
इंडस्ट्रियल इलेक्ट्रॉनिक्स डिपार्टमेंट
तर्फे
मराठी राज्य भाषा दिनानिमित्त
ज्ञानपीठ विजेते कुसुमाग्रज उर्फ
के. वि. वा. शिरवाडकर यांच्या
जन्मदिना निमित्त
मराठी कविता वाचन स्पर्धा
२७ फेब्रुवारी २०२३



Project Exhibition for Final Year Students:

Project Exhibition for final year students was organized on 28th April 2023 at Industrial Electronics Department.



Final Year Farewell Function

Final year students Farewell function was arranged on April 24, 2023 at the Industrial Electronics Department. The Staff members Mr. T.V. Mohite Patil, Mrs. Jothy Saji, Ms. Reshma Patil, Ms. Pradnya Bodke, Mr.Anand Acharya and Ms. Vaishnavi Gopale wished the students for their future.



Faculty Achievements

HOD Dr.Kirti Agashe was felicitated on the occasion of Women’s Day by TJSB Janata Sahakari Bank, Thane and Prajapati Bramhakumari for her contribution in Education, Music and Social work.



HOD Dr.Kirti Agashe was invited as an academican jury for the Grand Finale of Speak for India National debate competition at Taj Land's End, Bandra on 29/04/2023 by Times of India and Federal Bank of India. The other judges were Mr.Bhushan Gangrani, IAS and Add secretary CMO Maharashtra and SonaliKulkarni, Senior Film Actress.



Alumni Details

Sr. No	Enrollment No	Name of the Student	Permanent Address / Email / Mobile No	College / Company Name
1	1800070195	Konar Vighnesh Pattmuta	R/204 Sai Niwas Gavanpada Mulund East Near Fish Market Mumbai – 400081 vigneshkonar77@gmail.com 7304166799	AGS Transact Technologies
2	1900070214	Ahirrao Chirag Motilal	S/O Motilal Ahirrao, Flat No-001, Building -M, Manav Complex Phase-2 Retibandar Road, 7021589020 ahirraochirag@gmail.com	DejiniSystem
3	1900070215	Khandagale Prkruti Rajesh	Room No- 1213 Near Akbar Kirana Store RS Jetvan Nagar Buddha Vihar Road. prakrutikhandagale@gmail.com 93242 02830	Datta Mega College Of Engineering Airoli
4	1900070216	Deshmukh Dhanashree Sanjay	Deshmukh chawl Santoshi Mata mandir road Shree Hanuman Mandir Kalyan west dhanashreedeshmukh42429@gmail.com 8070042429	Shah and Anchor Kuttchi College of engineering ,Chembur
5	1900070218	Patil Vivin Kapil	Kapil House Shivaji Chawk Thane Belapur Road Bumder Pada Vitawa vivin8908@gmail.com 7718850203	Lokmanya Tilak College of Engineering Kopark hairane,
6	1900070219	Hindole Saurabh Rudrappa	Tadali Road, 1802 Kamatghar, Bhiwandi saurabhhindole1@gmail.com 7820880168	Terna College of Engineering ,Nerul
7	1900070220	Patel Danish Dhiraj	Sahayog Mandir Road, Om Yashodhan 8879487838 danishptl4u@gmail.com	Vishwakarma University ,Pune
8	1900070221	Sutar Nishant Vasant	Darshna Smurti, Thane Belaur Road.9152636373 sutarnishant2003@gmail.com	Vivekanand College of Engineering ,Chembur
9	1900070222	Pawar Roshan Deepak	A/207 Virandavan Society Thane (W) 93241 48749rp9594358562@gmail.com	Shivajirao Jhondhale Coll of Engg, Ambernath
10	1900070223	Khaire Prathamesh Shridhar	6, Manohar Chavhan Chawl, andheri East Bhandar Wada pskhaire2003@gmail.com 87790 99742	M. H. Saboo Sidik college of Engineering ,Byculla

Sr. No	Enrollment No	Name of the Student	Permanent Address / Email / Mobile No	College / Company Name
11	1900070224	Madan Vaishnav Hemant	Shreyas App. Kansai Section Ambernath (E) atharvamadan47@gmail.com 7350006157	Lokmanya Tilak College of Engineering Koparkhairane,
12	1900070225	Desai Aarya Deepak	Room No-1 Vimal CHS Old Mumbai Pune Road Near Pramila Hospital aaryadesaidoc19@gmail.com 8879115929	Vivekanand Cpllege of Engineering ,Chembur
13	1900070227	Mishra Kashish Narendrakumar	Lokmanya Nagar Pada No-3 Rama Davale Chawl opp. Panchsheel school mishrakashish262@gmail.com 81043 29634	Vivekanand College of Engineering ,Chembur
14	1900070228	Chaudhari Mitesh Rajesh	ChandanwadiNooribabadarga Road Chaudhary Chawl Thane (W) 9867147185 miteshchaudhari1301@gmail.com	Vivekanand College of Engineering ,Chembur
15	1900070229	Sonawane Abhishek Prakash	503/ Saikrupa app. Near Shankar baewlkalwa Station Road Thane (W) abhhishekpsonawane24@gmail.com 86573 73069	FR. Conceicao Rodigus College Of Engineering ,Vashi
16	1900070230	Bhagvat Giri Sadashiv	Vitthal Chawl Near vithhal temple Kharegaon Kalwa (E) bhagvatgiri33@gmail.com 70217 89918	Self Employed
17	1900070234	Aher Yash Valmik	My home App. Flat No-503 Kurla Camp Ulhasnagar-4 yashaaher1901@gmail.com 7028598375	Datta Mega College Of Engineering Airolii
18	1900070235	Tuteja Shruti Rajesh	301 Brahmand, GbRoad, Thane. 400607 shruti.tuteja.12@gmail.com 91528 70987	SIES Graduates of Technology ,Nerul
19	1900070236	Dhalkari Vivek Santosh	Ranjana House Behind Barack No-9 Dattawadi Ulhasnagar-1 vivekdhalkari@gmail.com 8080459109	SIES Graduates of Technology ,Nerul
20	1900070238	Siddiqui Arman Husain Abrar	Blossom C wing, Raheja complex, near patripool, Kalyan West 9867575612 armkhan12e@gmail.com	Pillai College Of Engineering ,Panvel

Sr. No	Enrollment No	Name of the Student	Permanent Address / Email / Mobile No	College / Company Name
21	1900070239	Damodar Sai Rajesh	202 Woodbine Phase 3 Buliding No-11 Everest World Kolshet Road Thane (W) srdsaistar@gmail.com 89760 76389	MIT World Place University ,Thane
22	1900070240	Gangaji Sumit Ramesh	Near Kavita trading Company, HanumannagarKamatghar, Bhiwandi diparavi.mhaske1@gmail.com 7666112821	Terna College of Engineering ,Nerul
23	1900070241	Sonawane Hardik Bhaskar	New Police Line, B/17, behind Head Post Office Thane (W) hsonawane433@gmail.com 79001 18785	DY Patil University ,Nerul
24	1900070242	Ahirrao Chinmay Motilal	S/O Motilal Ahirrao, Flat No-001, Building -M, Manav Complex Phase-2 Retibandar Road, chinmayahirrao@gmail.com 9022483707	Employed - Dejini system
25	1900070374	Joshi Aarya Mandar	D-wing Flat Number 304, Raturavat CHS ltd, Anand nagar aaryajoshiaj32@gmail.com 9987523239	Pillai College Of Engineering
26	1900070375	Zende Sahil Dhananjay	A/16 New Swastik Opp. MTNL Near Mayli Mandal School Thane(W) sahilzende@gmail.com 9819881712	New Horizon College of Engineering
27	2000070305	Khandare Ritesh Ghanshyam	B/52 Room No-52 West Staff Contrus Parel riteshkhandare2801@gmail.com 8104511822	Vidyalankar Institute of Technology, Wadala
28	2000070306	Ghadshi Prathamesh Parshuram	Vitawa Navi Mumbai prathameshghadshi06@gmail.com 9594187191	Employed - Eicher motors
29	2000070307	Patil Mithilesh Prashant	303/3rd Flr/B-Wing, Krupa C. H. S., Near GaodeviMaidan Road, Kalwa(W) 400605 mithileshpatil2610@gmail.com 8898908117	Pillai College Of Engineering ,Panvel
30	2000070308	Pawar Onkar Gunga	Sidhivinayak chawl No. 62/1 r, Near Buddha Vihar Thane (w) onkargpawar4912@gmail.com 9326623305	Lokmanya Tilak College of Engineering, Koparkhairane

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision: Train world class technically skilled manpower needed for the continuous development of our nation.

Result Analysis (S-23) MSBTE Exam

Course	No. of Students Appeared	Distinction	I Class	ATKT	Fail	Total Passing %with ATKT
FY	68	15	12	38	3	95.58
SY	75	32	26	-	17	77.33
TY	69	32	21	-	15	76.81

Toppers

Rank	Course	Name	Percentage (%)
1	FY	Shelar Tanmay Namdeo	91.07
2	FY	Patil Gitesh Pravin	87.33
1	SY	Kadam Rupali Dashrath	90.50
2	SY	Takalkar Shree Jalinder	90.31
1	TY	Jindani Nayaab Asif	92.13
2	TY	Nakate Ayush Ranjan	89.75

Student Trainings / Workshops Attended (A.Y.2022-23)

Sr. No	Name / No. of Students	Year & Course	Training / Workshop Attended	Venue	Date	Event	Sponsoring Authority
1	SY, TY (45 students)	SYIF & TYIF	Workshop	V.P.M. Polytechnic, Thane. IF LAB 2 &3	17/03/23 to 18/03/23	Python Programming	VPM's Polytechnic, Thane
2	SY (59 students)	SY	Online Workshop	V.P.M. Polytechnic, Thane.	15/12/22	3D MAX and 3D Animation	VPM's Polytechnic, Thane

Student Winners of Inter Collegiate Competition (A.Y.2022-23)

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
1	Kadam Tanvi Sandeep	Photograpgy	PI XCELLENCE	Datta Meghe College of Engineering, Navi Mumbai.	Instit ute	Datta Meghe College of Engineering, Navi Mumbai.	TECHNI TUDE 2022	3 rd Prize
2	Pansare Shreyas Umakant, Wadatkar Shivam Vijay and Takalkar Shree Jalinder	Chatbots	State Level Technical Paper Presentation Competition	Saraswati Institute of Technology, Kharghar, Navi Mumbai	State	Saraswati Institute of Technology, Kharghar, Navi Mumbai	06/04/23	3 rd Prize
3	Jadhav Siddhi Arvind, Samant Payal Mahesh & Maskare Pooja Dashrath	Human Security App	Idea Pitching	VPM's Polytechnic, Thane		VPM's Polytechnic, Thane		2nd Prize
4	Pansare Shreyas Umakant, Wadatkar Shivam Vijay & Takalkar Shree Jalinder	Creative Innovation Technology	Poster Competition	Saraswati Institute of Technology, Kharghar, Navi Mumbai	State level	Saraswati Institute of Technology, Kharghar, Navi Mumbai	15/09/22	Partici- pation
5	Pansare Shreyas Umakant, Wadatkar Shivam Vijay	Brain Controll ed Car	State Level Technical Paper Presentation Competition	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	State Level	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	13/10/22	Partici- pation

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
6	Ghadge Shravan Anant, Patil Nikhil Nitin	Voice based Email System for Blind People	State Level Technical Paper Presentation Competition	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	State Level	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	13/10/22	Participation
7	Sapkal Rugved Lalashaheb, Chaudhari Chetan Shailendra	Cloud Computing and Big Data	State Level Technical Paper Presentation Competition	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	State Level	Bharati Vidyapeeth Institute of Technology, Navi Mumbai	13/10/22	Participation

Guest Lecture Record (A.Y. 2022-23)

Sr. No	Date	Topic Name	Name & Designation of Expert Person	Name of Staff Involved	Year & Course	No. of Participants
1	15/09/22	Cyber Security Innovation as a backbone of digital Transmission	Ms. Renuka Shetye Quick Heal Technologies Pvt. Ltd	Mrs. Rutuja Tendulkar	TYIF	70
2	04/11/22	Role of ICT in Agriculture & Rural Development	Mr. M. V. Ashok. Retired Chief General Manager, NABARD.	All IF Staff	SYIF & TYIF	152
3	04/11/22	Case Study on “Big Basket Distribution System”	Mr. Sagar C. Madhavi Big Basket Regional Head-SCM	All IF Staff	SYIF & TYIF	152
4	18/11/22	Seminar on “Importance of Self Grooming in Personality Development”	Ms. Luiza Lobo Gilette	Mrs. Rutuja Tendulkar	SYIF & TYIF boys only	60

Sr. No	Date	Topic Name	Name & Designation of Expert Person	Name of Staff Involved	Year & Course	No. of Participants
5	30/11/22	Webinar on “Overview of AI/ML”	Ms. Rupal Mudholkar Architect Manager, Microsoft, Australia.	Dr. Usha Raghavan	TYIF	70
6	30/11/22	Webinar on “Career Opportunities in AI	Mr. Varma Gadhiraaju, Senior Customer Engineer AI/ML, Microsoft, Australia	Dr. Usha Raghavan	TYIF	70
7	30/11/22	Demo of 3D Animation	Mr. Mukesh Kulshreshtha Animation Developer in Studios & Advertising	Mrs. Swati Joshi	SYIF	77
8	05/12/22	3D MAX and 3D Animation	Mr. Mahesh Karkera AGM –Jetking Metaverse	Ms. Kiran Patil	SYIF	77
9	25/02/23	Guest lecture on Python Programming	Ms. Trupti Foslipy Consulting Services	Ms. Kiran Patil Mrs. Snehal Ingawale Mr. Shubham Wadkar	SYIF	78
10	02/03/23	Workshop on Python Programming	Mr. Anthony Devadas FOSLIPY Consultancy Services Pvt. Ltd	Ms. Kiran Patil Mrs. Snehal Ingawale Mr. Shubham Wadkar	SYIF	78
11	15/04/23	RYLA-2023- “Getting future ready”	Dr. Mohan Chandavarkar Retired Chief General Manager, NABARD	Dr. Usha Raghavan, Mrs. Archana Kalia, Mrs. Varshaa Pagnis	SYIF & TYIF	33

			<p>Mr. Kamal Kapoor Co-founder of ZuventusPharma.</p> <p>Mr. Murli Sundrani A Coach, Mentor and Guide.</p> <p>Mr. V. Shinde Retired as Thane RTO.</p> <p>Mr. Vijay Dodeja Structural Designer of Industrial Buildings and RCC Railway bridges.</p>		
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List of Publications by Staff

(Paper Presentation/ Journal Publications): (Total - 02)

Sr. No	Date	Name of Staff	Name of the Topic	Name of Publication
1	03/03/2023	Mrs. Archana Kalia	Machine Learning Framework to resolve Industrial Hassle	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume -07
2	06/06/2023	Mrs.Swati Joshi	Comparative Study of Types of ALOHA Protocol for RFID used inIOT	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume-07

Trainings / Workshops attended by Staff

Sr No	Date	Name of Staff	Type	Event	Venue
1	13/03/23 to 17/03/23	Dr. Usha Raghavan	FDP	FDP on Innovation, Incubation & Startup Culture	Panini Hall, VNBRIMS, Thane
2		Mrs. Rutuja Tendulkar			
3		Mrs. Swati Joshi			
4		Mrs. Suginima Muppan			
5		Mrs. Varshaa Pagnis			
6	17/03/23 & 18/03/23	Ms. Kiran Patil	Workshop	Python Programming	AV Room, VPM's Polytechnic, Thane
7		Mrs. Snehal Ingawale			
8		Mr. Shubhm Wadkar			
9	24/04/23 to 28/04/23	Mrs. Archana Kalia	FDP	Virtual & Augmented Reality	Vidyalankar Polytechnic, Wadala
10	15/05/23 to 19/05/23	Ms. Namrata Salame	FDP	Machine Learning & its Application	Thakur Polytechnic, Kandivali

Industrial Visit Record (A.Y. 2022-23)

Sr. No.	Date	Place Name	Name & Designation of Expert Person	Name of the staff involved	Year and Course	No. of Participants
1	21/10/22	More Farm Vangani	Mr. Prasad More , Founder	Mrs. Swati Joshi, Mrs. Suginima Muppan	TYIF	40
2	24/02/23	Server Room	V.P.M. Server Room, Thane	Ms. Kiran Patil, Mr. Shubham Wadkar	SYIF	75
3	27/02/23	Smartech Automation & Control Airoli, Navi Mumbai,	Mr. Raj Dongare Supervisor	Ms. Kiran Patil, Mr. Shubham Wadkar	SYIF	49

Project Exhibition Report

Department of Information Technology, VPM's Polytechnic, Thanehas organized a project exhibition on 28th April, 2023, Ms. Kiran Patil was the staff coordinator for the programme.

All groups were distributed among the three laboratories of the department. Students exhibited their final year projects. Project exhibition provides a platform to display final year student's innovative skills and also to enhance interdisciplinary knowledge.

Each group exhibited their project neatly along with their prototype and posters.

Dr. D. K. Nayak, Principal of VPM's Polytechnic along with the heads and faculties of various departments visited each laboratory to get a glimpse of the technical projects. All students of first year and second year of other departments visited and understood the working procedure of the project.

Each group elaborately explained their project and sought every observer's feedback.

The project groups were judged by Dr. Usha Raghavan, Head of Information Technology Department.

The main purpose of the project exhibition was to demonstrate a sound technical knowledge of the selected project topic, to undertake problem identification, formulation, solution and to design engineering solutions for complex problems utilizing a systems approach.



Alumni Details

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address / Email Id / Contact No.	Name of Degree College / Industry
1	1800070238	Dongare Ayush Vilas	A/42 shiv prabha co. op soc. ltd ghatkopar- andheri link road 8652134249	Vidyalankar Inst. of Technology
2	1800070251	Mangaonkar Shubham Darshan	Bhakti Society Budhaji Nagar Kalwa shubhammangaonkar45@gmail.com 78045727201	Terna College of Engineering, Nerul
3	1800070253	Patil Jayesh Prabhakar	Devendra plaza Aacharya vinoba bhav road Airoli 9273547467	Self Employed
4	1800070254	Sonawale Prajval Sanjay	Sanjay Nagar Dahivali Karjat Raigad vengaon road Karjat prajvalsonawale143@gmail.com 7798577306	ShivajiraoS.Jondhale College, Dombivli
5	1900070243	Nandure Mukesh Salaba	Room no: 1293 KankayaChawl, Pandhari Nagar, Digha, Navi Mumbai Digha mukeshnandure592@gmail.com 9372472706	SES YadavraoTasgaonkar Inst. of Engg. Karjat.
6	1900070244	Machagar Akshata	Samajhseva society (B) cabin road Plot no: - 384 Ambernath. sunitapatelrpl@gmail.com 7303975223	K.J. Somaiya Inst. of Technology
7	1900070245	Jha Shubham Bablu	Brajbhoomi Radha Madhav apartment near Mumbai 8 badlapur transport Badlapur. jha132003@gmail.com 8956965397	Vivekanand Education Society's Inst. of Technology
8	1900070246	Rajput Ayush Deepak	Arham pride Lokhande chowk Ambarnath ayushrajput396@gmail.com 9067870542	AP Shah College of Engg, Thane
9	1900070247	Jadhav Sanskruti Arun	Nilkanth chawl, dawlenagar, Thane Lokmanya Nagar, pada No.3 Thane sansjadhav55@gmail.com 8692987266	Saraswati College of Engg., Kharghar

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address/ Email Id/ Contact No.	Name of Degree College / Industry
10	1900070248	More Rutul Krishna	Vedant Complex Bldg No.3, P&T Colony Dombivli East Dombivli Djrmore@Gmail.Com 9594090908	Watumull Institute, Ulhasnagar
12	1900070250	Takle Sarvesh Suhas	Pitru Smruti Old Belapur Road Thane Sarvesh.Takle123@Gmail.Com 8692987266	AP Shah College of Engg, Thane.
13	1900070251	Wagh Rutuja Avinash	A-8/104 Kanchan ganga Lokdhara Complex Kalyan East. 9082520788	AP Shah College of Engg, Thane
14	1900070253	Malik Nusrat Fatima Shamsher	A-104, Vaishnavi Building, Mumbra-Shivaji Nagar Mumbra nm6880169@gmail.com 8652659925	Shivajirao S. Jondhale college Dombivli
15	1900070254	Jadhav Rohan Ravindra	07, Ganesh Krupa Sadan chawl Opposite Nilkantheshwar Apartment Thane (W), Vartak Road Thane rj8556141@gmail.com 9967805605	Employed: JOB KetronProddes (P) Ltd.
17	1900070256	Kamble Sakshi Vaibhav	Orchid-305 seven gardenssoc. Pipeline Roadpurna village Bhiwandi	Terna College of Engineering, Nerul
18	1900070257	Amodkar Samarth Ravindra	B/105, Laxmi Narayan Apt Opp. Damani Estate Post Office, Naupada, Thane samarthamodkar@gmail.com 8655600536	K.J. Somaiya Inst. of Technology
19	1900070258	Nair Karthik Raghukumar	Milan Apartments, Room No.204, Near Masjid Galli, Road No.27 Shanti Nagar, Wagleestate, Thane karthiknair021@gmail.com 8291999052	Datta Meghe College. of Engg.
20	1900070259	Sakpal Deep Anil	Airolinavimumbai, sector-3, f/81 Airoli deepsakpal2003@gmail.com 9867721837	G.V. Acharya Inst.of Engg., Shelu
21	1900070260	Singasane Pratham Vijaykumar	539, Praneta complex Kombadpada, Bhiwandi prathamsingasane64@gmail.com 8806340488	G.V. Acharya Inst.of Engg, Shelu

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address/ Email Id/ Contact No.	Name of Degree College / Industry
22	1900070261	Dalvi Muhammed Tufayl Shoeb	403, Pr Apt No 2 Next to Sarovar Hotel Kalwa Naka tufayldalvi007@gmail.com 8452879881	Terna College of Engg.
23	1900070262	Tambe Omkar Pundlik	Mahatma Phule Nagar, Gagnesh HSC, Room no. 202, near Sachin Tendulkar Stadium, Phule Nagar Road Thane tambeomkar0330@gmail.com 9969323965	KokanGyanpeeth College of Engg.
24	1900070263	Kapade Priyanka Dulchand	Room no 2, TulshiramBhoirchawl, Badlapur (w) Mohanand Nagar, Manjarli road, Badlapur priyankakapade2003@gmail.com 9890384640	New Horizon Inst. of Technology, Thane
25	1900070264	Rane Pratik Sandeep	Room No:7 Girgoal brothers chawl Kanjurmarg (East), Shastri Nagar Kurla pratikrane0412@gmail.com 9987546535	SIES Graduate of Technology, Nerul
26	1900070265	Suryawanshi Tanvi Sanjay	Room no.004, Near New Prince Medical Store, Kalher Veenit Residency, Ganaraj Apt. Bhiwandi suryawanshitanvi@123gmail.com 9689237198	New Horizon Inst. of Technology, Thane
27	1900070266	Vineet Pundpal	Regency Anantam Bldg no.15 Vicko Naka Dombivli Kalyan. sujatapundpal@gmail.com 9920392674	Sardar Patel Institute of Technology (SPIT), Andheri
28	1900070269	Shirsat Sujal Shekhar	Near Janta Vidyalaya, group no 4, Tagore Nagar, vikhroli- (E), Mumbai - 400083 sujalshirsat12584@gmail.com 9892221655	SES Yadavrao Tasgaonkar Inst. of Engg, Karjat.
29	1900070270	Sonawane Vinit Bharat	Neelyog residence Pantanagar, Ghatkopar vinitsonawane67@gmail.com 9867364817	Terna College of Engg
30	1900070271	Yadav Harshada Dadasaheb	Al-3 14/3 sec-19 Vighnagar Soc, Airoli harshadayadav03@gmail.com 9967040375	Smt. Indira Gandhi COE, Ghansoli

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address/ Email Id/ Contact No.	Name of Degree College / Industry
31	1900070272	Suryawanshi Brahmanand Maruti	Aurad Aurad (Sha) Nilaga Latur vishnu6897@gmail.com 9945449515	New Horizon Inst. of Technology, Thane
32	1900070273	Chavan Siddhesh Ganesh	B/8, Alpa Society, Indraprasath Park, 90 feet road Mulund saritachavan9504@gmail.com 9702736448	Shah & AnchorKutchhi College
33	1900070277	Hande Yukta Sushilkumar	Om shanti palace opp. PNB, O.T section Ulhasnagar yuktahande19@gmail.com 9324340288	MIT College of Engineering, Pune
34	1900070279	Manchala Manikanta Shankar	Hno.265, firstfloor, Sai apt, Choudhary compound, kamatghar Bhiwandi snehamanchala1994@gmail.com 9518522162	MES's PillaiCollege of Engineering
35	1900070280	Bhoi Siddhant Navnath	Flat no:203, 2nd floor, Rutuvihar apartment near Sagar investment kulgaon Badlapur sddhanbhoi03@gmail.com 9130550388	Vivekanand Education Society's Inst. of Technology
36	1900070281	Dhokate Purva Nilesh	Samarth Krupa Building, flat no 105, Devnagri, Pen Raigad vivek.malavade@gmail.com 9763182379	SNDT Engineering College, Mumbai
37	1900070282	Narkar Aditi Vikas	6/501, Vihang Shantiwan Tower, Narendra Ballal Marg Thane aditinarkar2004@gmail.com 8450962184	Terna College of Engineering
38	1900070283	Suryarao Vinay Narendra	304, advance enclave 1a. Co opp. Housing society Near babu ashram Badlapur 9209164810 suryaraovina@gmail.com	Vivekanand Education Society's Inst. of Technology
39	1900070284	Shigwan Sakshi Ramesh	Room No. 19 Parshiwadi Kopri Colony Ramkisan Bhaiya Chawl thane shigwansakshi@gmail.com 9920878323	New Horizon Inst. of Technology Thane
40	1900070287	Lengare Manoj Bharat	Lokhande chawl, roomno: -146 Oldagra road Kurla 7715090617 lengaremanoj123@gmail.com	G.V. Acharya Inst.of Engg., Shelu
41	1900070288	Mishra Aryan Rajesh	A11 Keshav Heights703 90 feet road Thane 9987484327 aryanmishra46889@gmail.com	Ramrao Adik Inst of Technology

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address/ Email Id/ Contact No.	Name of Degree College / Industry
42	1900070289	Rajeshirke Sakshi Sanjay	Priyadarshi coop hsg 21/126 old mhada pawarnagar, Pawarnagar sakshirajeshirke2003@gmail.com 9082930379	AP Shah College of Engg
43	1900070290	Prabhu Kanchan Arjun	Opposite B. K.104 Shiv Road Ulhasanagar kaprabhu777@gmail.com 8007620859	Lokmanya Tilak College of Engg
44	1900070291	Mule Geetanjali Pundalik	36/4th floor, sundram building, Padwalnagar, wagle estate, Thane 400604 mulegeetanjali@883gmail.com 9004960279	ARMIET,Shahapur
45	1900070292	ChimanTanvi Vijay	Room no.18 3rd floor,Kanku Villa Ashok Nagar, Mulund vijaylchiman@gmail.com 9820645563	Shah &Anchor Kutchhi College
46	1900070293	Dalvi Ruchita Pandharinath	A" wing, 304, Shubham Karoti Sankul, Katrapgoan, Badlapur(East) ruchitadalvi20@gmail.com 7208414931	Vivekanand Education Society's Inst. of Technology
47	1900070294	Aditya Ashok Kachare	Room no. 1,Laxmi NiwasChawl Near Maitri Tower,Sainath Nagar, Louiswadi Thane aadiyakachare123@gmail.com 9222175584	Vidyalankar Inst. of Technology
48	1900070295	Gade Meghana Pravin	104, Bharat Bhoir Park-2 Rambaug Lane no.4, Kalyan meghanagade2103@gmail.com 9869220456	Vasantdada Patil College of Engg, Sion
49	1900070296	Tambde Sarthak Suresh	B1/201, Ashok WatikaYashasvi Nagar Balkum Thane sartakhulk22@gmail.com 9699200223	A.C. Patil College of Engg.
50	1900070297	Adhav Omkar Sachin	Rajiv Gandhi Nagar, Thane (W) adhavo063@gmail.com 9372926049	Bharati Vidyapeeth, College of Engg
51	1900070298	Salvi Sakshi Santosh	Room No.203 Heramb Heights Near Rajdeep Hotel Kharegaonnakakalwa Thane sakshisalvi0473@gmail.com 9594700388	K.J. Somaiya Inst. of Technology

Sr. No	Enrollment No.	Name of the Alumni	Permanent Address/ Email Id/ Contact No.	Name of Degree College / Industry
52	1900070299	Khanapurkar Aaditi Sachin	Shree Darshan So, Block No 201,Dalviwada, Near Station Titwala (E). aaditikhanapurkar@gmail.com 9167338674	Alamuri Ratnamala Inst. of Engg. & Technology
53	1900070300	Joshi Aatmaja Mandar	B-3/4 Rutuvrat Society, Anand Nagar, Dombivli (West). aatmajajoshi2514@gmail.com 9920416706	Vidyalankar Inst. of Technology
54	1900070301	Mhatre Sanskruti Sharad	Opposite Nirmaladhara Building, White Bungalow Oswalwadi Road Bhiwandi9922174343	AP Shah Collegeof Engg
55	1900070302	Eppanapelli Kirti Srinivas	265, Sai Apartment Choudhary Compound Bhiwandi eppanapellisweta488@gmail.com 9867833193	Vivekanand Education Society's Inst. of Technology
56	1900070388	Baing Karan Machindra	A/3 Kamal Niwas Jaysingh Nagar Bhandup karanbaing1982@gmail.com 8169304723	Sarswati College of Engg, Kharghar
57	1900070389	Jadhav Atharva Amol	A/3 Kamal Niwas Gupte road Dombivali amol_2929@rediffmail.com 8779700150	Bharati Vidyapeeth, College of Engg
58	1900070390	Patil Mayuresh Jagdish	301, Jagdishbhuvan Building Manisha Nagar gate No. 2 Kalwa mayureshpatil57223@gmail.com 9987230081	Vasant dada Patil College of Engg, Sion
59	1900070391	Patil Alok Annaso	B-601 Asha Garden Chs Kumbharkhapada Subhash Road Dombivli alok.patil601@gmail.com 9820981667	Terna College of Engg, Nerul
60	2000070302	Patil Janhavi Manoj	Abhidarshan Homes C-606 B-Type Ganesh Mandir Road Titwala 9167917291	MGM College of Engineering, Kamothe
61	2000070303	Acharya Aditya	Keni Plaza 106 Near Datta mandir Mankoli 9137872526	G.V. Acharya Inst.of Engg., Shelu
62	2000070304	Gharat Mansi Ganesh	B/603 Aryan One Mauli Chowk Shirgaon, BadlapurEast,Badlapur 9860936226	New Horizon College of Engg., Thane

Information Technology Department Achievement

MODROBS

Modernization and removal of obsolescence (MODROBS)

Objectives

- a. The scheme aims to modernize and remove obsolescence in the Laboratories / Workshops / Computing facilities (Libraries are excluded), so as to enhance the functional efficiency of Technical Institutions for Teaching, Training and Research purposes.
- b. It also supports new innovations in Class Room and Laboratory /Teaching Technology, development of Lab Instructional Material and appropriate Technology to ensure that the practical work and project work to be carried out by students is contemporary and suited to the needs of the Industry.
- c. The equipment financed under the scheme could be ideally used for up-gradation of equipment in existing laboratories, enhancement of performance parameter specification of existing equipment, incorporation of latest development in the field and replacement of old depreciated equipment by modern equipment.

In addition to above major objectives, the equipment installed through MODROBS can be used for indirect benefit to Faculty / Students through Continuing Education programmes, Training programmes for local industry and consultancy work.

Implementation

A grant of **Rs. 14.95 lakhs** was sanctioned to **Develop and Upgrade Internet of Things laboratory** in Department of Information Technology, V.P.M's polytechnic, Thane

This lab aims at providing the student with the practical concept of IoT systems design.

- It provides an overview of the IoT systemsthat includes embedded intelligence, connectivity, and interaction with the physical world.
- It covers the main design and implementation issues for IoT devices and their applications. These issues challenge the students to tailor smart techniques to optimize the embedded software on IoT devices
- The students gain in-depth practical experiences in embedded system design with a focus on IoT applications as well as communication in connected devices.

Goals of IoT lab:

The students will be able to

1. Understand the main concept of IoT systems including the design objectives, application domains and their requirements, design challenges, etc.
2. Develop software programs for the IoT embedded devices, implement the code on the hardware, conduct the tests, find the bugs and errors, and debug the software code on the hardware.
3. Implement and apply the concepts that are critical in the IoT domain, e.g. low power design, security, etc.
4. Develop, integrate and evaluate a small IoT system with its main components: Sensors to get data from the physical world, the embedded processor for control the device and process the data, wireless radio to transmit the data from the device to the Internet, storage (on the Internet or on a Smart Phone) to keep the data for further analysis.

Activities Undertaken

Internet of Things is a system of inter-related computing devices, mechanical and digital machines, objects, animals, or people that are provided with unique identifiers and transfer data over a network without requiring human-to-human or human-to-computer interaction. It combines embedded system devices with existing network infrastructure.

The lab contains all the components needed to start the development of IoT-based systems. It includes many microcontroller boards like Arduino and Raspberry Pi, WiFi modules, sensors, actuators, etc. IoT Lab helps the students to thoroughly understand the concepts of IoT and enables them to try out their own ideas.

The Laboratory is dedicated to applied and basic research on topics related to the Internet of Things (IoT). It focuses on the research and design of "open" and "flexible" hardware and software solutions for the implementation of complex IoT systems, targeting different vertical application scenarios, from Smart Homes/Buildings, to Smart Factory, Smart City, and so on.

All of the elements of the IoT technology stack are focus of our research, including: sensors and actuators for remote monitoring and control, communication systems, edge computing algorithms, cloud platforms, system key parameter indicators (KPI) and advanced user interfaces.

Faculty Development Programme

Department of Information Technology, VPM's Polytechnic, Thane has organized 5 days Faculty Development program on "Innovation, Incubation and Startup Culture" approved and supported by Maharashtra State board of Technical Education (MSBTE).

The main objective of the FDP was to enlighten the academicians about various aspects of technology incubation and startup cultures. And it was graced by esteemed speakers and resource persons to throw light on these aspects.

The program really made all to think about the process from ideation to startup i.e. thinking about a new idea till bringing it to a profitable business.

FDP was inaugurated on 13th March 2023 in the hands of Dr. SantoshTaji sir, Deputy Secretary, RBTE, and Mumbai. The Keynote address was given by Dr. VishwasDatye, Former MD & CEO Philips India. He emphasized about innovations in corporate world. He shared, with many examples, his experiences and made all the participants realize that a small innovative idea, when implemented, can bring a big positive change.

The second session of day 1 was taken by Mr. Neelesh Kelkar, Vice President Emerging Business & Smart City Indus Tower Ltd, who explained how innovative ideas can be implemented in problem solving domain. Many concepts he explained with different types of puzzles and it was really enjoyable.

The day was ended with experiences shared by Dr. UshaRaghavan, while working as a President of Institution Innovation Council at VPM's Polytechnic, Thane

The second morning started with the session of Mr. Dinesh Israni, Founder Naman Angels India Foundation who talked about ideation, the process of forming ideas from conception to implementation. He gave many real lifeexamples in his very enjoyable way of talking.

Dr. Nilesh Jadhav, Founder & CEO GermSAFE Technology LLP, Mumbai was the next speaker who talked about Startup Eco system. He also shared his innovative idea implemented for clean water coming through hand pump in rural areas.

Mr. Abhay Phansikar, Corporate Strategy & Technology Consultant Advisor Acevin Technologies, explained about the various funding Scheme and how they are funded on what kind of Startup.

Day three started with a visit to Sardar Patel Technology business Incubator. Dr. Kiran Talele, Associate Professor, SPIT, Mumbai very nicely explained about Incubation Process, Facilities at incubation centers and various funding opportunities. Dr. Y.S. Rao shared his experiences while launching his startup in IOT.

In next half, all the participants visited to TBI where they discussed with the Start up founding teams which were currently working under SPTBI. It was really a great motivating experience.

Day 4 started with Workshop on Design thinking conducted by Dr. Pooja Raundale, Founder Director OMIST Consultancy. She explained the concept with activities in which all participants carried out with six teams amongst them. At the end of the session, all the teams exhibited their design with the constraints given and each exhibit idea was unique.

Post lunch session was conducted by Dr. Aarti Karande, Asst.Professor Department of Computer Science & Engineering SPIT, Mumbai. She explained National Innovaion and Startup Policy in very simple terms. The session was very interesting and gave all the paricipants, an idea about the contents of NISP.

Mr. Chintan Oza, Founder, Anantam Ecosystem was the next speaker who detailed about prototyping. He explained the three terms as POC, Prototype and MVP in a nice way.

Last day morning began with the session taken by Mr. Yogesh Bajaj, Deputy Controller of Patents & Design who talked about IPR and Patent filling.

A panel discussion on “Need for Innovation& Research” was mediated by Dr.Usha Raghavan with Dr. Santosh Rane, Associate Professor, Former Dean, S.P. College of Engineering, Mumbai, Chairing the panel, Dr D. K. Nayak, Principal VPM’s Polytechnic and Shri.T.G Krishnan, Director, Global Conveyor Systems. The highlights of the discussion emphasized on the need for research and technological innovations for development of our nation.

The valediction session was graced by Chief guest Dr. Santosh Rane, Associate Prof. Former Dean, SP College of Engineering, Mumbai, who guided with the details on Research Paper Writing & Publication.

All these 5 days were very enjoyable-and they enriched all the participants with the best knowledge of innovation, incubation and startup culture.



Workshop on IoT and Its Application”



Department of Information Technology organized a one-day Workshop (Faculty Development Program) on IoT and its Application on 15th May, 2022. It was conducted in IoT laboratory under the supervision of our resource person Prof. Dr. Y. S. Rao, Dean-Academic, SPIT, Mumbai.

The workshop aimed to train our faculty member's of the institution.

The objective of this workshop is to explore the state-of art technologies in the area of Internet of Things (IoT). The workshop focussed on providing some hands-on experiences in setting up IoT platform with open source softwares. Around 25 faculty members from various departments attended the workshop.

The programme was coordinated by Dr. Usha Raghavan, Head, Information technology.

Prof. Dr. Y. S. Rao explained the importance of IoT technology in today's scenario. He elaborated the functionalities of the few tools like EDU ROBO, Android IoT sensor & Mobile IoT. The hands-on Session included few programs associated with the above tools. Faculty got a clear idea about the implementation of the prototype in build using above tools. Overall, the workshop event was successful.

DEPARTMENT OF INSTRUMENTATION

Vision: Develop technologically sound Instrumentation Engineers and equip them with the needed skill - sets to effectively work in industry and interact with various stakeholders at national and global level.

Result Analysis (S-23) MSBTE Exam

Course	No. of Student Appeared	Distinction	I Class	ATKT	Total Passing % with ATKT
FY	36	3	2	6	30.5
SY	48	10	7	13	62.5
TY	26	13	7	6	76.9

Toppers

Rank	Course	Name	Percentage (%)
1	FY	Parab Shreyas Gajanan	79.73
2	FY	Mishra Disha Ratnesh	77.20
1	SY	Shirke Ritesh Maruti	90.52
2	SY	Shahane Deep Yogesh	84.58
1	TY	GholapNeha Mahadev	89.89
2	TY	Joshi Kunal Prakash	89.39

Student Trainings / Workshops Attended (A.Y.2022-23)

Sr No	Name of Student	Year and course	Training / Workshop Attended	Venue	Date	Event	Sponsoring authority
1	Shirke Ritesh, Taywade Swapnil, Kadam Prathmesh, Wagh Neerav	SYIS	Industrial Automation using PLC	Government Polytechnic, Pen	02/02/23 to 04/02/23	Industrial Automation using PLC	ISTE

Student Winners of Inter Collegiate Competition (A.Y. 2022-23)

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
1	Dhawale Charwak	Poster Making	Poster Making Competition	V.P.M.'SPolytechnic, Thane	Department	V P M's Polytechnic Thane	07/10/22	2nd Prize
2	Shahane Deep, Tawre Samyak	Technical Quiz	Technical Quiz Competition	Thakur Polytechnic, Kandivali	State Level	Thakur Polytechnic , Kandivali	02/12/22	Participation
3	Bhosale Abhijeet, Ghodke Pratik, Nawle Omkar, Jadhav Sunil	E-bike Mono Wheel	Idea Pitching Competition	V.P.M.'S Polytechnic, Thane	Department	V P M's Polytechnic Thane	26/11/22	Participation
4	Joshi Kunal, Gore Smit, Khandekar Priti, Gholap Neha	Smart Goggles	Idea Pitching Competition	V.P.M.'S Polytechnic, Thane	Department	V P M's Polytechnic Thane	26/11/22	Participation
5	Kale Darshan, Prathmesh Vincent, Tavandkar Tullimilli, Chavan Anup	Home Made Writing Machine	Idea Pitching Competition	V.P.M.'S Polytechnic, Thane	Department	V P M's Polytechnic Thane	26/11/22	Participation
6	Shahane Deep, Bansode Harsh, Patil Shraddha	Robotic Process Automation	Paper Presentation	V.P.M.'S Polytechnic, Thane	Institute level	S.H. Jondhale Polytechnic , Asangaon	25/02/23	Participation
7	Shahane Deep	RYLA	Personality & Leadership skill Development	V.P.M.'S Polytechnic, Thane	Institute level	V P M's Polytechnic Thane	15/04/23	Participation

Sr. No.	Name of Student	Topic Name	Type of Competition	Sponsoring Authority	Level	Venue	Date	Remark
8	Shirke Ritesh, Welke Rushabh, Ahire Vaishnavi	Technical Quiz Competition	Online Technical Quiz Competition	KVMIT Polytechnic Malad, west	State Level	Online	15/04/23	Participation
9	Joshi Kunal, Gore Smit, Ahire Priti, Gholap Neha	Technical Quiz Competition	Technical Quiz Competition	VES (ISA-VESP Student Section)	Institute level	VES (ISA-VESP Student Section)	17/04/23	Participation
10	Kunal Joshi, Smit Gore, Khandekar Priti, Gholap Priti	Smart Spectacle for Preventing Road Accidents	Paper Presentation	V P M's Polytechnic Thane	Institute level	V P M's Polytechnic Thane	21/04/23	2nd Prize

Guest Lecture Record (A.Y. 2022-23)

Sr. No	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year and Course	No. of Participants
1	22/9/22	Role and Scope of Instrumentation in Current Industrial Era.	Mr. Rishikesh Kelkar (Dept Manager Burns & McDonnell India)	Mrs.Vaishali Joshi Mrs.Smita Khandagale Mrs. Pooja Jambhale Mrs.Nivedita Rane Mrs.Shweta Musale	TYIS, SYIS	80
2	30/9/22	Adolescence Nutrition and Factors Influencing Eating Habits.	Dr. Hetal Bhuruk (Dietitian, DS Research Center)	Mrs.Vaishali Joshi Mrs.Smita Khandagale Mrs.Shweta Musale	TYIS, SYIS	75
3	12/10/22	Cyber Security	Mr. Manish & Mr. Rishikesh (B.sc (IT) students B. N. Bandodkar college of science, Thane)	Mrs.Vaishali Joshi Mrs.Smita Khandagale Mrs. Pooja Jambhale Mrs.Nivedita Rane Mrs.Shweta Musale Ms. Anagha Bahire	TYIS, SYIS	80

Sr. No	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year and Course	No. of Participants
4	29/11/22	PLC and SCADA Workshop	Mr. Rajesh Itoriya (Sr. Engineer at AMT TAACT Automation)	Mrs.Vaishali Joshi Mrs.Smita Khandagale Mrs. Pooja Jambhale Mrs.Nivedita Rane Mrs.Shweta Musale Ms. Anagha Bahire	TYIS	35
5	04/12/22	Lab Equipment Maintenance and calibration (Workshop)	Mr. Atamaram Ughade (Senior Assistant at Aarati farma labs pvt. Limited)	Mrs.Vaishali Joshi Mrs.Smita Khandagale	TYIS, SYIS	80
6	03/01/23	International Mind-Body Wellness Day	Mrs. Pooja Jambhale (Lecturer, VPM, Thane)	Mrs.Vaishali Joshi Mrs.Nivedita Rane Mrs.Shweta Musale Ms. Anagha Bahire	TYIS, SYIS	35
7	10/02/23	Pollution Control and Conservation of Environment	Prof. Vidyadhar Walawalkar , (President, Paryavaran Dakshata Manch, Thane)	Mrs.Shweta Musale	TYIS, SYIS	25
8	14/02/23	Lean Startup & Minimal Viable Product	Mrs.Archana Kalia (Lecturer, VPM, Thane)	Mrs.Pooja Jambhale	TYIS, SYIS	35
9	05/04/23	Project Engineering	Mr. Rajesh Shah (Proprietor Nice Consultancy)	Mrs.Vaishali Joshi	TYIS	35
10	13/04/23	Legislation	Mr. Pratik Jadhav (Nebosh IGC-UK)	Mrs.Smita Khandagale	TYIS	35
11	15/04/23	CPR, AED and Fire Demonstration	Dr. Mona Gandhi (Director Edu.Force)	Mrs.Smita Khandagale	TYIS	35
12	17/04/23	Technical Career after Diploma	Mr. Satish Ghorpade , (Lecturer, VPM MPCOE)	Mrs.Pooja Jambhale	TYIS	35

Sr. No	Date	Topic Name	Name & Designation of Expert Person	Name of the staff involved	Year and Course	No. of Participants
13	19/04/23	Management Safety	Mr. Sagar Kajarekar (AGM- Safety, Evio Pvt Ltd)	Mrs.Smita Khandagale	TYIS	35

Industrial Visit Record

Sr. No	Date	Place Name	Name & Designation of Expert Person	Name of the staff involved	Year & Course	No. of Participants
1	18/08/22	Automation Expo. 2022	Exhibition	Mrs.Nivedita Rane Mrs.Shweta Musale	TYIS	30
2	05/09/22	Smooth flow meters (Dombivli)	Mr. Sushant Sahu. (CEO Smooth flow meters)	Mrs.Smita Khandagale Mrs.Nivedita Rane	SYIS	50
3	18/11/22	Melog Specialty Chemicals Pvt.Ltd. (Ambernath)	Mr. Kishor Kumar. (AGM HR Melog Specialty Chemicals Pvt.Ltd)	Mrs.Vaishali Joshi Mrs.Smita Khandagale	TYIS	35
4	22/11/22	B.N. Bandodkar Science College, Thane	Dr. Sudesh Rathod (HOD, Zoology dept.)	Mrs. PoojaJ ambhale	TYIS	35
5	01/03/23	Melog Specialty Chemicals Pvt.Ltd., (Ambernath)	Mr. Kishor Kumar. (AGM HR Melog Specialty Chemicals Pvt.Ltd)	Mrs.Smita Khandagale	TYIS	32
6	27/04/23	Emerson Process Management A145/4, TTC Industrial	Ms. Shilpa Pathare. (DeltaV Training Incharge Emerson Automation Solutions)	Mrs.Vaishali Joshi. Mrs.Smita Khandagale	TYIS	32

Alumni Details

Sr. No	Enrollment No	Name of the Alumni	Permanent Address / Email Id/ Contact No.	Name of Degree College / Industry
1	1700070170	Salvi Siddhi Dilip	Address: Room no 103, B wing, Shivhar plaza society, Shivai Nagar, Pokharan road no 1, Thane west 400606 salvisiddhi6565@gmail.com Contact No: 7558663487	Employed Vighnagar Engineering Pvt. Ltd, turbhe, MIDC
2	1700070215	Sherkhane Chetna Parshuram	Address: Durga Nagar, Manpada Thane West 400607 chetnasherkhane@gmail.com Contact No: 7304265893	Self employed
3	1800070271	Rathod Aditya Ashok	Address: Balkumpada no 1 Sakubai apartment Room no 401402 Email Id: asokrathod@gmail.com Contact No: 9820391163	Employed Eurica Pvt. Ltd
4	1800070278	Sharma Shridev Ghanshyam	Address: Royal Colony, Lokmanya Nagar pada no 4, Raja Shivaji Vidyalaya Road, Thane West rishikeshsharma160@gmail.com Contact No: 9892767499	Employed - Sierra Instrumentation & Control
5	1800070282	Utekar Vishwesh Vijay	Address: Utekar Chawl, Bhanjiwadi, Gavandpath, Naupada, Thane, (w) 400602 utekarvishwesh@gmail.com No: 91378 88534	Employed - Sierra Instrumentation & Control
6	1800070285	Mulani NadeemEkbal	Address: Durga Nagar, Manpada Thane West 400607 nadeemmulani894@gmail.com Mobile no: 9987945663	Employed - Medisoft Systems Pvt. Ltd. Bhndup
8	1900070304	Bauskar Aneesh Rajesh	Address: 701, Athens, Triveni Laurel, Beside Kalyan RTO, Near Birla School, Kalyan West 421301 bauskaraneesh@gmail.com Contact No: 9404347114	Vishwakarma Institute of Terchnology, Pune
9	1900070305	Sujit Bharat Kale	Address: Lower Kolshet. RaiaaiNiwas, first floor, Room No 03, thane west 400607 sujitkale417@gmail.com Contact No: 9321455001	Vivekanand Education society's Institute of Technology, chembur

Sr. No	Enrollment No	Name of the Alumni	Permanent Address / Email Id/ Contact No.	Name of Degree College / Industry
10	1900070306	Sharma Tushar Sanjay	Address: A3-403, New Anand Park, Raghunath Nagar, SankalpChowk, Thane Westtushar19403@gmail.com Contact No: 8879779312	Employed
11	1900070307	Sutar Nisha Shankar	Address: - 242, ChavhanChal, Shivaji Nagar, ChitlsarManpada, Thane West Email Id: Nishasutar@gmail.com Contact No: 7039398685	Employed
12	1900070308	Bauskar Prem Mahesh	3/102, amrutanagan, parsiknagar, kalwa thane west 400605 bauskarprem2253@gmail.com Contact No: 7045276062	Vivekanand Education society's Institute of Tech, chembur
13	1900070309	Tawde Chinmay Arvind	Address: Salelmalvan, pin 416605, Sindhudurg Email Id: Chinmaytawde2323@gmail.com Contact No: 9356839930	MITM Sukalwad, Near Sindhudurg
14	1900070310	Avhad ShreyashVasant	Address: 404, Twins gate, Mohan Heights, Wayle Nagar, Kalyan West 421301 shreyashvavhad@gmail.com Mobile No: 9769172412	COEP Tech University
16	1900070312	Mandavkar Sushant Subhash	Address: R/O 3/2, Santosh Niwas, Ganesh Chowk, Bhatwadi, Kisannagar, Thane sushantmandavkar2003@gmail.com contact No: 9137328373	Employed - Sierra Instrumentation & Control
19	1900070315	Salvi Swaroop Vidyadhar	Address: 51 /A/33, New Ambalal Chawl, Dr. A.B. Road, Worli, Mumbai 18 swaroopsalvi26@gmail. Contact No: 7304322649	Vivekanand Education society's Institute of Technology, chembur
21	1900070317	Renose Rahul Naresh	Address: Flat No 807, SankalpCoopSoc, Near TMC water tank, Bramhand Phase 1, thane 400607 rahulrenose1@gmail.com Contact no: 9987370884	ShreeWire Process Technology Pvt. Ltd. Bhiwandi
22	1900070318	Parab Riya Vikas	Adress: GL -3/6/13 Trimurti CHS, Sector 6, Ghansoli, Navi Mumbai, 400701 riyaparab415@gmail.com Contact No: 9987592403	Vivekanand Education society's Institute of Technology, chembur

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23	1900070319	Bapat Kasturi Vinod	Address: B101 Laxminarayan CHS, Ganpatjairam road, opposite NKT college, kharkar Ali, thane contact No. 7208540361	Vivekanand Education society's Institute of Technology, chembur
24	1900070320	Shirke Sujal Sudhir	Address: Adarsh PriyadarshaniSoc, A wing, room no 404, Near Pramila Hospital, manisha Nagar, Kalwa west 400605 shirkesujal14@gmail.com contact No: 8828288508	Vivekanand Education society's Institute of Technology, chembur
25	1900070321	Lakde Omkar Manoj	Address: lokmanyanager. Pada no 3 maralchawlthanewst 400606 omkarlakde@gmail.com Contact No: 8070747555	Vivekanand Education society's Institute of Technology, chembur
26	1900070323	Mhatre Vivek Pandharinath	Address: Ho.no.859, near Samarth Vyayam school Bhadwadbhiwandi, pipe line road. vivekmhatre973@gmail.com Contact No: 73855 85973	Employed Proconnect Supply Chain
27	1900070325	Rathod Prakruti Arvind	Address: 701, A/2 DandekarDattachaya CHS, Near TMC Office, Panchpkhadi Thane West rathodprakruti04@gmail.com Contact No: 9969559158	Vivekanand Education society's Institute of Technology, chembur
28	1900070326	Mahadik Nikhilesh Jitendra	Address: G1, Jayashree Siddhivinayak Co Op HSC, Thane West 400602 mahadiknikhilesh@gmail.com Contact No: 9594113245	Vivekanand Education society's Institute of Technology, chembur
29	1900070327	Dubey Saurabh Praveen	Address: Road No 22, Behind SansarBekari, Near Mahakali mandir, Indira Nagar, wagle Estate, thane west 400604 dsaurabh799@gmail.com Contact No: 7007094986	Vishwakarma Institute of Terchnology, Pune
30	1900070328	Gaikwad Sanidhya Dhanraj	Address: Shree Ashtavinayakvastuprakalpa room no. 104 Bldg no. 11 near venkeys hotel badlapur sanidhyagaikwad60@gmail.com Contact No: 91309 81335	Self employed

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31	1900070329	Gangurde Nandini Sanjay	Address: c/1, siddhart room no 303 / siddhartnagar kopri colony. Thane (E) 400603 Email id: nandinigangurde2510@gmail.com Contact No: 8433626179	Vivekanand Education society's Institute of Technology, chembur
32	1900070330	Chaulkar Harshal Subhash	Address: 5A/204, Bhagyodaya CO OP HSC, Vinoba Bhave Nagar, Kurla West -400070 Email Id: harshalchaulkar@gmail.com Contact no: 7045769755	D.Y. Patil International University, Akurdi, Pune
33	1900070331	Shinde Rutuja Rajendra	Address: Veshvi, alibag, raigad. rutujashinde213@gmail.com phone no : 7249693114	Self employed
34	1900070332	Kshitij Ajit Kumbhar	Address: At post Kukudwadi, tal: Man Districty: Satara 415509 Kshitijkmb@gmail.com Mobile No: 8805759458	Rajarambapu Institute of Technology, Islampur
35	1900070333	Gaud Juhi Lallan Prasad	Address: Room no 1309, Bldg no 3, manpada, Dosti, Ghodbunder Road, Thane west 400607 Email Id: juhigaud09@gmail.com Mobile No: 9324595009	Self employed
36	1900070334	Sakpal Vaibhav Shyam	Address: Sakpal Chawl, Pokharan road no 1, Shastri Nagar, Thane West 400606 Email id: vsstyles143@gmail.com Contact no: 7718994805	BharatiVidypeeth, Kharghar, Navi Mumbai
37	1900070335	Varkhale Sahil Santosh	Address: Room No 8, ganesh Krupa Sadan chawl, near estern express highwY, THANE WEST 400604 Email Id: varkhalesahil@gmail.com Contact No: 7021720643	BharatiVidypeeth, Kharghar, Navi Mumbai
38	1900070336	Desai Sanjyot Prashant	Address: 240, Chavhan Chawl, Shivaji Nagar, Chitlsar Manpada, Thane West sanjyotprashantdesai@gmail.com Contact No: 9152545834	RamraoAdik Institute of Technology, nerul, navi Mumbai
39	1900070337	Bhogte Atharv Rajesh	Address: Gloria Tower, Regency Anantam, Vico Naka, Kalyan Shil-Road, Dombivli East Email id- bhogteatharv07@gmail.com Contact No: 98208 63365	Vivekanand Education Society Institute Of Technology (VESIT), Chembur.

Sr. No	Enrollment No	Name of the Alumni	Permanent Address / Email Id/ Contact No.	Name of Degree College / Industry
40	1900070393	Kherdekar Dhruva Sanjay	Address: 102, Suhas Sadan Bhandar Ali Opp. Prabhat talkies Thane West kherdekardhruva@gmail.com Contact No: 93729 54869	Mulund College of Commerce, BSc IT
41	1900070394	Adhav Anirudha Sunil	Address: Shivsagar, BldgNo C, Flat No 301, Kharadi Pune anirudhaadhav38771@gmail.com Contact No: 9702871881	Pune District Education Association, Manjari
42	1900070395	Pal Abhilash Bhaiyalal	Address: B/602 Swami Vivekananda society silver park sarovodayanagarMulund West Mumbai 400080 Email Id: abpal2001@gmail.com Contact No: 79770 77384	Employed - Company – Neural bits Pvt Ltd
43	2000070309	Mane Sohan Anil	Address: B/41, Dharmaveer Anand CHS, Jay Maharashtra nagar, thane west 400604 mane.sohan9@gmail.com Contct No: 9137452690	Bharati Vidypeeth, Kharghar, Navi Mumbai
44	2000070310	Khair Rajendra Balvant	Address: 204/ A wing, Shree Thane Darshan, Near tin petrol pump, tekdibunglow, Thane west 400602 rajendra.khair@gmail.com Contact No: 9870474248	Employed - Indo Amines Ltd. Dombivali
45	2000070311	Tulaskar Sumit Sudheer	Address: Jai Bhvani Chawl, Pandharinagar, Digha, Navi Mumbai 400708 Email Id: t.sumit8000@gmail.com Contact No: 8369845838	Employed - Kirpalaney & Associates (Engineers) Pvt. Ltd.
46	2000070312	Raut Ajay Somnath	Address: Room No 14, SuratSadanChawl, Near Ayappa Temple, santosh Apartment, chinchpada road, Kalyan East 421306 Email Id: ajayraut240@gmail.com Contact No: 8779044388	Employed - Evonik Catalyst India Pvt. Ltd. Dombivali
47	2000070313	Sawakhande Bhavesh Prakash	Address - Trimurti Appartment Behind Samant Petrol Pump MangoanManpada Road Dombivli East, Pincode– 421204 bhaveshsawakhande44@gmail.com Contact No: 99676 98116	Employed Indo amines limited

Sr. No	Enrollment No	Name of the Alumni	Permanent Address / Email Id/ Contact No.	Name of Degree College / Industry
48	2000070314	Tiwari Shivkumar Ramrup	Address: 995/4, Near Fatima School Road, Kailas Nagar, Ambernath West 421501 shivkumartiwari372@gmail.com Contact No: 9834936685	Employed Av instrumentation Bhandup
49	2000070315	Yogita Suresh Gulhane	Address: Sawarkarnagar, Meeth bundar road, kopri, Thane East 400603 yogitagulhane5@gmail.com Mobile Number: 7045264741	Employed - Supertech Instrume ntation, Thane west
50	2000070316	Mishra AmanVinod	Address: 2/11 Ganesh Krupa society shree Krishna nagar, kachori road patri pool Kalyan East mishraman36@gmail.com Contact No: 89762 10575	Employed - Ratio electricals industries
51	2000070317	GondhaleRakesh Yashwant	Address: At Manivali, Ambivali east Taluka - kalyan ,Dist - Thane 421102 rakeshgondhale0366@gmail.com Contact No: 9987990366	Employed- Supertech Instrumentation and Control, Thane

Struggles develop strength

One day a man was passing by a garden when he saw a butterfly cocoon which was about to get open. He saw a small opening on it and watched the several hours of struggles the butterfly came through to get the body out of it. After many hours, it seemed that the butterfly stopped trying as there was no progress.

He thought to help the butterfly by cutting the cocoon with a scissor. So, the butterfly came out easily but the wings were shriveled and the body was tiny and withered.

Unfortunately, the butterfly was not able to take flight and spend the rest of life crawling with a wounded body.

Moral:

This is nature's way of telling the importance of struggles in life. Sometimes, different kinds of struggles are needed in life to make you stronger in the future. Never feel disappointed in life and stop trying when life offers you struggles but keep on fighting until you see success.

ISTE Chapter VPM's Polytechnic, Thane

Activities conducted in the academic year (2022-23)

CLEANLINESS DRIVE

ISTE Chapter VPM's polytechnic (2022–2033) was inaugurated by organizing a Cleanliness Drive activity on September 8, 2022. Dr. Mahesh Bedekar inaugurated the Cleanliness Drive activity. In order to create awareness of cleanliness of the college campus, under the guidance of Dr. Mahesh Bedekar and Dr. D. K. Nayak (Principal VPM's Polytechnic), the polytechnic staff (teaching and non-teaching) along with a large participation of students actively conducted this innovative drive. This activity was conducted from September 12 to September 30, 2022.



ENGINEERS DAY CELEBRATION

Engineer's Day was celebrated on September 15, 2022, by organizing a poster-making competition on the topic **Role of Engineers in Making Modern, Sustainable India.**

POSTER MAKING COMPETITION RESULT

Topic: Role of Engineers in making Modern, sustainable India

Individual:

First Prize

Srushti Jadhav TY CO Roll No. 67

Second Prize

Charwak Dhawale TY IS Roll No. 14

Third Prize

Sai Sanas TY CO Roll No. 14

Groups

First Prize

Gayatri Bhapkar TYCO

Saima Khan TYCO

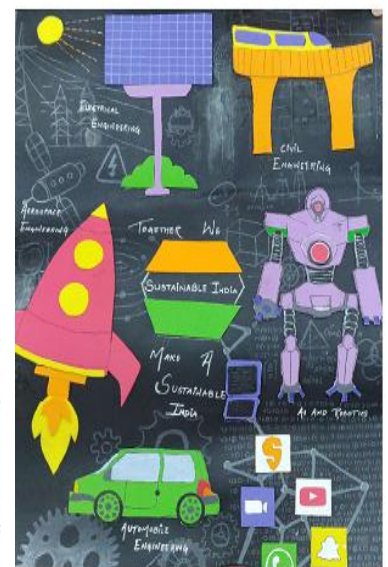
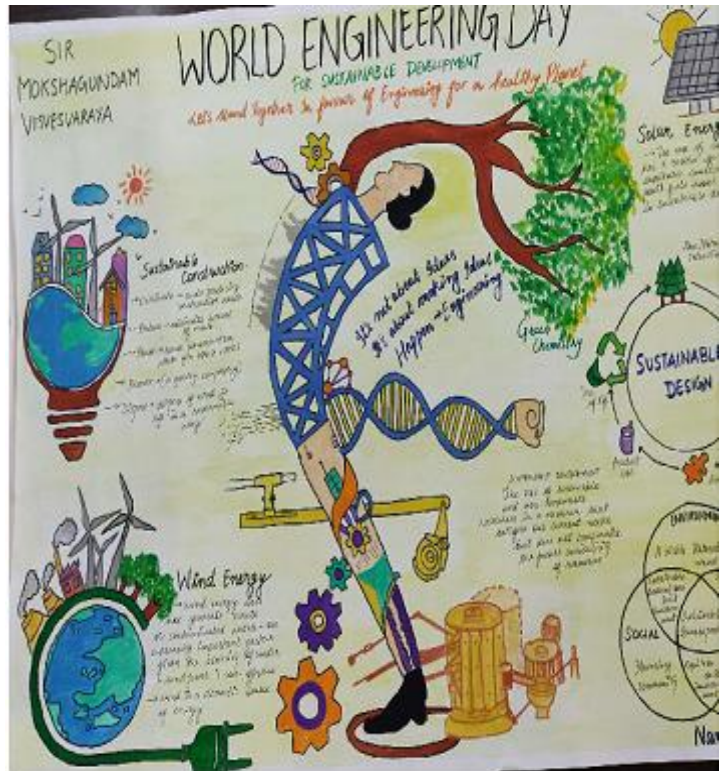
Prathmesh Bhatre TYCO

Second Prize

Gaurav Jarad SYIE

Vedant Zunjarrao SYIE

Saish Sawant SYIE



BLOOD DONATION CAMP

ISTE chapter VPM's Polytechnic (2022-23), along with HDFC Bank and Mahatma Gandhi Blood Bank (Thane), jointly organized a blood donation camp on 8th December 2022. Students of the polytechnic, along with staff, spontaneously participated in this Nobel cause.



Letter of Appreciation



भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL EDUCATION
(Under the Societies' Registration Act XXI of 1860)

ISTE/HQ/SM-2021-22

Dated : 16-12-2022

Sir,

Sub : Letter of Appreciation

Greetings! As we know we had a very tough time this year due to pandemic which has not only disturbed our life but also affected many routine activities including education and our students suffered a lot due to prevailing uncertainty and delayed academic session. I sincerely acknowledge that despite variety of tough circumstances, medical concerns, health issues etc. your constant involvement and persistent hard work towards various student activities remain unaffected which is really laudable.

We acknowledge with thanks the receipt of student membership from your student chapter for which student cards and receipt has already been sent to you separately. I realize that without your personal efforts, this quick enrolment of student membership soon after post COVID admissions would not have been achieved. This will certainly find new ways of achieving our goals and this kind of your personal involvement towards ISTE is really unparalleled.

Once again I on my personal behalf and on behalf of ISTE thank you for your dedication and diligent efforts towards enrolling Student membership of ISTE and we highly value the contribution of Faculty Advisor/Principal /Incharge of Student Chapter and all those involved with ISTE Student Chapter of your esteemed institution and sincerely appreciate their efforts and deserve huge applause.

I look forward the same kind of cooperation from you in future.

Thanking you,
With Regards,

Yours faithfully,


(Prof. V D. Vaidya)
Executive Secretary

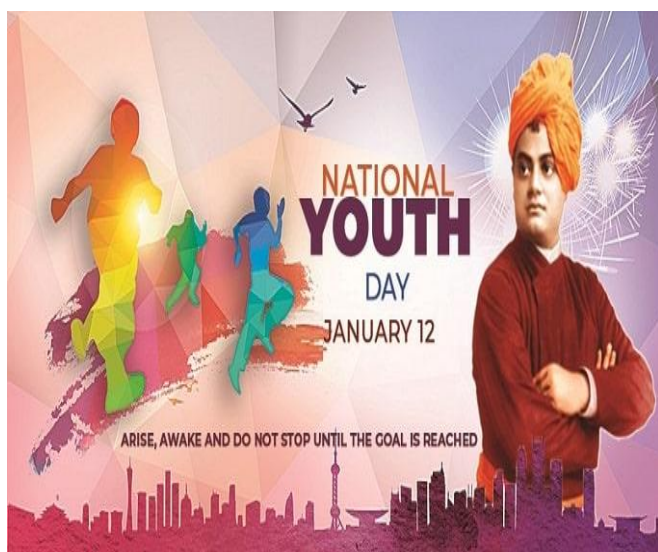
To
The Principal
Vidya Prasarak Mandal's Polytechnic
Thane
Maharashtra

DEPARTMENT- HUMANITIES AND APPLIED SCIENCE REPORT ON NATIONAL YOUTH DAY 2022-23

National Youth Day 2023 was celebrated on 12 January. The day is observed to commemorate the birth anniversary of Swami Vivekananda, one of the greatest philosophers and spiritual leaders. National Youth Day, also known as Vivekananda Jayanti, is celebrated on 12 January, being the birthday of Swami Vivekananda. In 1984, the Government of India declared this day as National Youth Day, and since 1985, the event has been celebrated in India every year.

On this occasion, Shri Kopineshwar Sansrutik Mandal organized a drama on Swami Vivekananda's life and his thoughts. It was organized at Gadkari Rangayatan. Our college was invited to this program, and we were so glad to attend this wonderful program. Other colleges from Thane city were present to attend this drama. Some students participated in the rally. This program was all about the life phases of Swami Vivekananda. The drama was very inspirational. We understood his compassion, kindness, work for preserving unity, sacrifices for our country, respect for culture, and many more qualities. Swami Vivekananda had immense knowledge of philosophy, religion, literature, the Vedas, and the Puranas, among others.

We attended this program with enthusiasm. We are so glad that our college gave us the opportunity to attend this program. After the drama, we also met the actors. They really performed well; we appreciated them, and this youth day was such a memorable day for us.







Annual Report 2022-23
Institute's Innovation Council
IIC ID – IC201810967
Vidya Prasarak Mandal's Polytechnic,
Thane.



A. About IIC

Vision:

Encourage, Inspire and nurture young students by supporting them to work with new ideas in their formative years.

Mission:

- ❖ To create a vibrant local innovation ecosystem
- ❖ To create awareness about Start-up / Entrepreneurship.
- ❖ Establish ecosystem for scouting Ideas and develop prototypes
- ❖ Develop better Cognitive Ability amongst Technology Students

Journey of IIC established at the Institute:

The **Institution's Innovation Council of VPM's Polytechnic's** was inaugurated on **7th Dec 2018** by **Dr. Nitin M. Joshi, Director, VNBRIMS, Thane**. The Certificate of Approval from MHRD and AICTE – New Delhi was released in the presence of Principal Dr. D. K. Nayak. The council was formed under the leadership of President Dr. Usha Raghavan.

Academic year	IIC driven Activity	MIC driven activity	Self-driven activity	Total	Star rating
2021-22	10	10	25	45	3.5 stars
2020-21	10	7	24	41	4 Stars
2019-20	15	22	11	48	4 ½ Stars
2018-19	4	4	4	12	3 Stars

The progress has been profound. This year we have conducted Idea Pitching competition, “**Tantragyan**” Innovative Technical Paper Presentation competition, Innovation related poster competition, celebration activity – National Technology Day, National Science Day, National Youth Day, Nation Energy Conservation Day, National Intellectual Property Right Day, National Innovation Day, World Entrepreneurship day, Pollution Control Day, International Women’s Day. The ideas have been uploaded for Yukti Innovation Challenge 2023.

Many sessions related to journey of Entrepreneurs and intellectual Property Rights, Prototype Design, Design Thinking, Managing Innovation, Innovation to Prototype, Converting Innovation to Start up, New Product Development, Minimal Viable Product etc. have been organized and students have been benefitted through these sessions.

A technology Business incubation centre has been established in the institute. We still do not have students working there with projects. However, we do foresee students hopping into this centre for prototyping their ideas

The faculties have been encouraged to become Innovation Ambassadors. 13 faculty members are Basic Level Innovation Ambassadors and 3 faculty members are Advanced level Innovation Ambassadors.

An MoU with SPTBI has been signed which enables faculty to participate in the Master class FDP on Innovation & Entrepreneurship. Also free incubation facilities will be provided for a period of 6 Months. This will also give Opportunity for students and faculty to have a field visit

Mentor Mentee Programme:

Ministry of Education / AICTE has initiated the scheme that will enable and provide support to the institutes to develop the innovation culture and ecosystem.

The objective of Mentor-Mentee scheme for IIC institutions is to engage high performing IIC institutions specially those have secured star rating of 4 and above during the previous IIC calendar year to act as mentor to the IIC institutions those are need of guidance and support. This twining program helps IIC institutions to facilitate knowledge exchange and resource mobilization between institutions by offering inter-institutional collaborations. Scheme is designed to mentor 5 mentee IIC institutes by one mentor Institute.

Ours is the only polytechnic in India to be selected as a mentor and to receive a Grant-in-Aid of Rs 2,25,000 for organizing activities for the mentee institutes.

- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments / Units etc.

The members of the IIC consist of students and faculty from various departments including Humanities. Discussion on multi-disciplinary projects are encouraged. Symposia on latest technologies like Artificial Intelligence, Industry 4.0, IoT and their applications in Mechanical Engineering, Automobile Engineering, Instrumentation, Electronics, Electrical Engineering and Physics is emphasized to realize the importance of Inter disciplinary interactions. There are 5 departments in the institute. They are

1. Computer Engineering
2. Electrical Power System
3. Industrial Electronics
4. Information Technology
5. Instrumentation

Programme on team building exercises are organized where students from different branches form a composite team to complete a task. Many of our Alumni who are presently having their own enterprise interact with the students and motivate them. Students from different discipline have been taken for a field visit to the well-established Technology Business Incubation Centre at SP college of Engineering and IIT Bombay. 8 Second year students successfully completed their summer internship from IIT Bombay.

B. Brief mention of key functionaries at the IIC Institute

- President: Mrs. Gautami Pujare Senior Lecturer, Computer Engineering Dept. VPM's Polytechnic, Thane, Has a multidisciplinary experience of 25 years.
- Vice President : Prof. Vaishali Joshi, Head, Instrumentation Engineering department. VPM's Polytechnic, Thane. Has an experience of over 31 years.
- Convener : Prof T.V. Mohite Patil, Head- Electrical Power System department, VPM's Polytechnic, Thane. Has an experience of over 31 years.

• **Coordinators**

Start up activity Coordinator: Dr. Usha Raghavan, Head -Information Technology, VPM’s Polytechnic, Thane. Former President of IIC- Recipient of ISTE UP Govt. National award for excellence in Industry Institute Interaction in the year 2013. Had been working as president since the inception of the cell. Has an experience of 35 years

Internship Coordinator: Mrs. G. A. Pujare- Sr. Lecturer, Dept. of Computer Engineering – Has 25 years of teaching Experience

IPR activity coordinator: Mrs. Smita Khandagale- Sr. Lecturer, Dept of Instrumentation- Has 27 years of experience

ARIIA Coordinator : Mrs. R.U. Patil- Selection grade Lecture, Dept. of Electrical Power system. Has experience of 28 years

NIRF Coordinator: Dr. Geetali S. Ingawale, Selection grade Lecturer- Dept. of Chemistry has been awarded the ISTE Best Teacher Award (Maharashtra & Goa). Has experience of 31 years.

Innovation Activity Coordinator: Mrs. Jothy Saji, Lecturer, Dept. of Industrial Electronics, has 23 years of experience

Internship Coordinator: Mrs. Archana Kalia, Lecturer, Dept. of Information Technology. Has 14 years of experience.

Social Coordinator: Mrs. Rujuta Kambli, Lecturer, Dept. of Electrical Power System. Has 8 years of experience.

C. Portfolio / graphical / Tabular representation of Resource

Strength (human capital and Physical capital) of the IIC Institution

Portfolio	Strength	Remark
Total number of IIC members	17	
Total number of IAs	12 (Completed Foundation level) 3 (Completed Advanced level)	
Total no. of mentors	3 Mentors (applied) for ATL	Approval awaited

A. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies / clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Dr. V.N. Bedekar Technology Business Incubation Centre was established on 1st Jan 2020. The centre consists of 7 cubicles. With internet facilities. A meeting room has been developed with all presentation facilities for the having meeting with clients. The Centre has sufficient storage capacity and all the equipment necessary for prototyping. Due to COVID pandemic, much activity has not picked up. However, the students are using the centre for all their experimentation with new ideas. It is planned to have mentors to each group that registers in the centre. Also workshops on IPR and patents will be organized. Some pictures showing the facilities created are given below:

Highlight Achievements (Narrative /Graphical /Tabular)

- Number and Different types of I & E and IPR activities Conducted: Many programs for developing the ecosystem of entrepreneurship and innovation are conducted. Motivation talks on creativity, entrepreneurial journey, and design thinking have been arranged (15). To inculcate the habit of innovation, students are encouraged to do innovative microprojects related to technology and idea generation competitions are arranged (27 ideas from students). A general workshop on the different kinds of Intellectual property (2 workshops). Students and faculty are encouraged to take part in all MIC driven activities (5), Celebration activities (10). Many competitions like web designing, poster competition, Trash to Treasure competition, Slogan writing competition. Poster making competition was some highlights. Most of The IIC driven activities have been conducted. We have mentored 5 Mentee institutes from Maharashtra state.

Department of Information Technology and Institute Innovation Council of VPM's Polytechnic, Thane had organized 5 days Faculty Development program on Innovation, Incubation and startup culture approved by Maharashtra state board of Technical Education (MSBTE) from 13th March, 2023 to 17th March, 2023.

In these 5 days of FDP program, main objective was to enlighten the academicians about various aspects of incubation and start up cultures. And it was graced by esteemed speakers and resource persons to throw light on these aspects.

The program really made all to think about the process from ideation to startup i.e. thinking about a new idea till bringing it to a profitable business.

FDP was inaugurated on 13th March 2023 in the hands of Dr. Santosh Taji sir, Deputy Secretary, RBTE, Mumbai. Our Keynote speaker Dr. Vishwas Datye sir, for whom, age is just a number, talked about innovations in corporate world. He shared with all many examples which he has experienced and made all the participants realized that a small innovative idea, when implemented, can bring a big positive change.



Glimpses of Faculty Development Program on Innovation Incubation & start up culture

It was great opportunity to build network and the ecosystem.

Faculty members (Innovation Ambassadors) have conducted innovation and start up related talks for students and for external audience also Report of Mentor Mentee scheme attached.

- No. of student's ideas generated- 27
- No. of student's & faculty Innovation/prototypes developed - 10
- No. of IPs generated, published and granted -NIL
- No. of Student & Faculty Start-ups/Ventures established- NIL
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus – 20000

- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR- NIL
- No. of Technology Transfer and Commercialization happened- NIL The institute conducts diploma engineering programmes. Students are in the age group of 15-18. It is very difficult to have commercialization, patenting and technology transfer. The institute strives to encourage and foster the habit of innovation, creativity and originality.

D. Highlight few best IIC Faculty/Student members and their achievements/Rewarded for the innovations at different forum [Profile of few faculties with 2-3 line of their achievements.

The following faculty have played very critical role in making the IIC cell very active.

1. Dr. Usha Raghavan – Former presidents of IIC 4.0 has arranged, delivered lectures for students and guided students of SIH
2. Mrs. Archana Kalia - As an IA (completed Advance level) has organized programme for students, delivered lectures for students.
3. Mrs. Rujuta Kambli -Takes keen interest in organizing sessions related to Innovation, Entrepreneurship and patenting etc. As An IA, has conducted workshops on IPR.

The following student members played a key role:

1. Chaitanya Vishe from Computer Engineering
2. Adesh Gavhane from Computer Engineering
3. Vedant Pahadi from Electrical Power system
4. Arya Suryavanshi from Computer Engineering
5. Taha Chechatwala from Electrical Power system
6. Vinay Suryarao from Information technology
7. Kashvi Kandalkar from Information technology
8. Shreya Purandare from Information technology

D. Highlight selected best Innovations & images with mention of inventor / innovation name- Nil

E. Highlight selected start-ups established by students / faculties with mention of founder / co-founder name - Nil

F. List if any break through Innovations / Technology Developed at the institute(2-3 technology with 2-3lines about technology and innovation - Nil

G. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA– Participation and Rank – Promising Band
- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation – Faculty have trained and the policy formulation has been completed. Policy formulation completed. Implementation in progress

H. Details of Social Media & Connections of IIC institute – The IIC cell is very active on the Whats App group. All the programmes are announced on the Facebook, Twitter and Instagram.

I. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell.

The five years successful journey of IIC VPM Polytechnic under guidance of dynamic Principal Dr. D. K. Nayak Sir, with passionate leadership of Dr. Usha Raghavan Madam is inspiring and Motivating to all of us. Mrs. Gautami Pujare current President of IIC is managing activities well under their able guidance.

With IIC VPM Polytechnic we created path for young student to start their Enterpreuership journey.

This FDP gives us clear vision of innovation incubation and startup culture.

Various sessions organised over last four days has enlightened all participants about many aspects of innovation incubation and startup culture.

It was previlage to learn from some of the best from Industry and Institutes.

Learning from this FDP will help us to guide our student to build their stsrtpup and to build new India.

Thank you all organiser of VPM Polytechnic for such thoughtfully organised and neatly executed Event.



Mrs. Rashmi Bhatiya

Sr. Faculty

Muchhala Polvtechnic Thane.

I got an unique opportunity to attend **IA Online Training Sessions (Basic Level)**. It gave me an opening to learn and create awareness about startups, IPR and also inculcate entrepreneurial mindset among students. Looking forwards to Register and attend Advance level.

Best Regards



Innovation is the word which means new idea, creative thought, and practical implementation of invention. The MHRD initiative IIC is helpful for the students to learn entrepreneurship skills in their initial years of graduation and nurture them till completion of their qualification. The innovation cell of higher educational institutions will enhance the skills, aptitude of the students and prepare them for future endeavors. The main motive of IIC Cell is to inspire, persuade and cherish young and talented students to work with innovative thoughts and convert their ideas into prototypes and cherish their work. As a faculty, I got exclusive opportunity to participate in various Innovation related initiatives and competitions organized by MHRD, interact with renowned Business Leaders, opportunity to nurture and prototype new ideas and also visited new places and learnt a new culture. FDP on 'Innovation, Incubation and Start up' organized by IIC, V.P.M's Polytechnic helped me to develop entrepreneurial and professional mind-set as a teacher and equipped me with skills and knowledge that are essential for inculcating innovation values in students and guiding and monitoring their progress towards an innovation, incubation and start up career.



Mrs. Rujuta Kambli

National Education Policy envisions an education system rooted in Indian ethos that aims to transform India by providing Higher education in technical skills that contributes towards sustainable livelihoods and economic development of the nation.

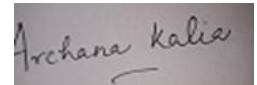
To achieve this target, Institution Innovation cell of MHRD is encouraging the culture to create a vibrant local Innovation system.

There is a growing awareness towards entrepreneurial outlook, combined with a sense of initiative, predicament solving, and financial and technological knowledge in formal education for benefit of individuals and society.

The MHRD initiative of IIC is enabling the foundation of robust modernization and Start up ecosystem across all Higher education system.

In today's innovation-driven economy, understanding how to generate great ideas has become an urgent managerial priority. So the role of Innovation ambassador is to contribute in the above process.

Institution innovation cell of VPM's polytechnic Thane institute has been trying to create the vibrant platform for all the above paradigms and all innovation ambassadors of the institution are fulfilling their targets by achieving the motive of today's scenario.

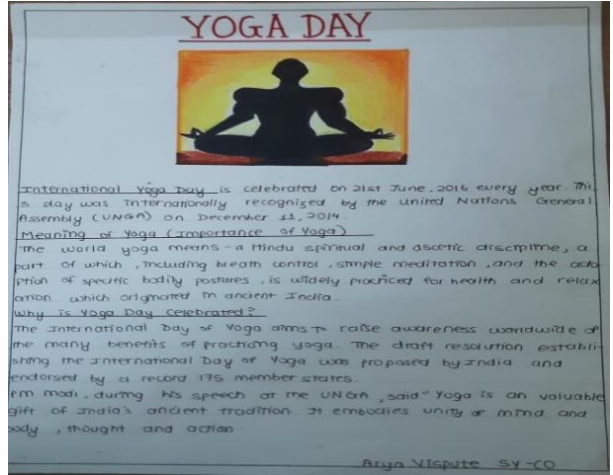
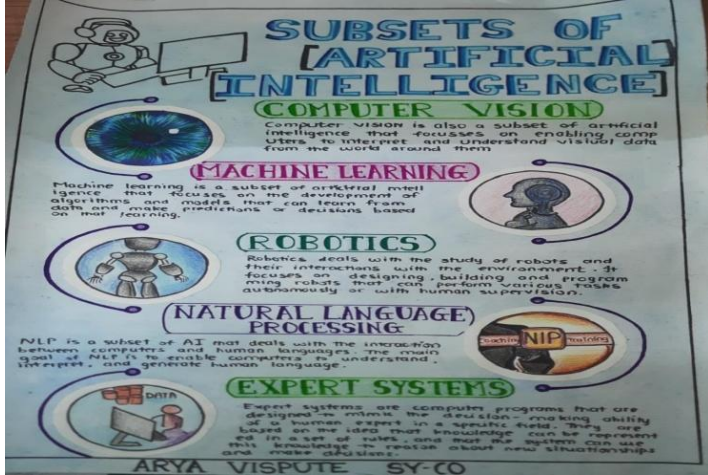


Mrs. Gautami Pujare,

President, IIC Cell.

English Language Activities-2022-23

Various Activities performed by First Year students



Poly-Spark 2023 (Cultural Activities)

Cultural Activities

Cultural activities provide the chance to develop skills beyond reading and writing. They help students acquire new skills that can be applied to their lives, such as leadership, teamwork, collaboration, and problem-solving, which prepare them for future life.

- ✚ Improves academic performance: Participation in cultural activities improves the overall academic performance of students. ...
- ✚ Builds confidence and self-esteem: ...
- ✚ Increases sense of commitment: ...
- ✚ Offer scholarship opportunities: ...
- ✚ Learn different skills: ...
- ✚ Enhance social skills:

Cultural activities were conducted from 2nd to 4th February 2023. Mst. Sarthak Tiwad was elected as General Secretary (GS) and Ms. Shrushti Jadhav as Assistant General Secretary (AGS). Various competitions were organized; Staff Coordinators along with student volunteers conducted the events successfully.

Day 1

Singing Competition

On day 1 of cultural event, the first competition that was held was the Singing competition. The competition was hosted by Omkar Patil and Rutuja Pathak from TYCO and SYCO respectively. Both of them did a lovely anchoring of the event. There were a total of 15 participants for the singing competition of which 8 were duet and 7 were solo singing. Participants sung melodious songs on Karaoke tracks, played instruments etc.

The judging was based on voice quality, song selection, confidence, and overall performance. The judges for the event were Dr. Geetali Ingawale and Mrs. Pooja Jambhale. Total 5 winners were declared, 1 for group and 4 for solo. The event started at 12:30 pm and ended at 2:45pm. Before declaring the results some of the faculty members also performed.

Overall conduction of event was very smooth and lively. Students and faculties have enjoyed it.

Winners for singing competition: -

Solo singing -

- 1st prize - Aadesh Gavhane (SYCO)
- 2nd prize - Pallavi Giridhar Vartak (SYCO)
- 3rd prize – Samrudhi Hedulkar (SYCO)

Consolation-

- 1. Harshada Nandkishor Salunkhe (SYCO)
- 2. Pragati Ragendra Kamble (SYIE)



Saree Queen and Tie King Event

This report describes the day of ‘Saree Queen and Tie King’ event. This report is useful for the successful planning of future events of VPM’s Polytechnic. This report will provide an overview of the event.

‘**Saree Queen and Tie King**’ event is most awaited event for students in cultural activity, where girls wore beautiful saree and boys wore Formal dress with Tie.

Mrs. Vibhavari S. Ikhe from Computer Engineering department and Mrs. Varshaa S. Pagnis from Information Technology department were coordinators for this event.

‘Saree Queen and Tie King’ event was anchored by Ms. Neha Jadhav and Mast. Sai Sanas from TYCO. Total 126 participants enrolled for this event and there was a special guest occurrence to crown the next Saree queen, Ms. Niyanti Padave showed up (Saree queen of year 2019-20). The Judges for this event were Mr. Anand Acharya, Mrs. Siddhi Khopkar, Mrs. Sowmya Swamy and Ms. Pradnya Bodke.

Winners of Saree Queen and Tie King –

Saree Queen – Ms. Srushti Jadhav (TYCO)

Runner up – Ms. Neha Jadhav (TYCO)

Tie King – Mst. Arya Mishra (SYIF)

Runner up – Mst. Sameep Godawale (TYIE)



On day 2 of cultural event, Dance competition was held which was anchored by Reeba Patel and Arya Pawar from TYCO and SYCO respectively. Both of them did a lively anchoring of the event. For the Dance competition there were a total of 27 participants of which 10 were solo and 17 were Groups.

The judging was based on the Song choice, Expressions and movements overall appeal and various other criteria. The judges for the event were Mrs. Suhasini Shukla, Mrs. Vaishali Joshi and Mrs. Rutuja Kambli. Total 8 winners were declared, 2 for large group, 3 small groups and 3 for solo. The event started at 12:30 pm and ended at 4:45pm.

After all the participants had performed their dance, few participants were called once again for a 'once more' by the audience. The competition concluded after the prize distribution. The prize distribution was done for all the events on the second day by the judges.

Winners

Large Group:

1st Prize :Electric Sliders

Prasad Shirke
Divya Tembe
Vedika Kadam
Atharva Mokashi
Ritesh Vaghmare
Rashmi Sutrave
Rahul Patil
Nupur Shahane
Kasturi Thorat
Sarathak Lad
Harshada Shirsath
Nikhil Jadhav



2nd Prize: Lazy dance TYEPS

Pratim Jadhav
Sanmesh Sakpal
Hrishikesh Kadam
Jignesh Kudale
Atharva Khaderao
Hrushikesh Chavan
Suraj Ambre
Shubham Sarak
Parth Joshi



Small Group

1st Prize: Flawless dance group FYIE

Varshini Venkatesh
Harshita Tanvar

2nd Prize: Groove and glam FYCO

Sawani Pashte
Karishma Kale
Vaishnavi Kedare



3rd Prize: Dance Divine FYCO

Aarya Arjugade
Asmi Gandhi
Divya Parab

Solo Dance

1st Prize: SYIE

Chishab Arvind Parmar

2nd Prize: TYCO

Neha Balaram Jadhav

3rd Prize: TYCO

Sai Anil Sanas

Consolation: TYIS

Yash Dashrath
Khanekar





Day 3

On third day of the cultural event , in the morning 3 events were conducted from 10 am to 12 pm. At a time Rangoli, Mehendi and poster making competition were being conducted in GCIC 04 room at ground floor. For each competition, 2 hrs were given to the participants . At 12 pm the judges started the taking rounds and looking at the art created by each participant. Soon the judging procedure ended and prize distribution began. After the prize distribution each event concluded. There were 24 participants in total for all events of which for Rangoli 3 winners, for poster making 1 winner and for Mehendi competition 3 winners were declared.

At 1 pm the treasure hunt event started with some delay due to technical error. All the participants, 15 groups , 150 participants in total were asked to gather on the ground. All the coordinators were explaining the rules to the participants. The event started after the first chit was given to each group. At 3 pm event ended with 2 winners. Afterwards prizes were distributed and thus the event concluded.

Thus the Polyspark 23 of VPM's Polytechnic thane was declared to be over. All the students were given refreshment coupons and the event ended on a happy and satisfactory note.

Judges:

Rangoli Competition:

Mrs. Poonam Kambale

Mrs. Surabhi Shroff

Mehendi Competition:

Ms. Fatima Rizvi

Poster Competition:

Mrs. Varshaa Pagnis

Mrs. Swati Joshi

Winners

Mehendi Competition:

1st Prize: Haneen Dalvi SYIF

2nd Prize : Vaishnavi Koyande TYCO

3rd Prize : Vedika Kadam SYEPS

Rangoli Competition:

1st Prize: Rutuja Sargar SYCO

2nd Prize: Mansi Bhosale SYCO

3rd Prize: Mansi Sutar SYCO

Poster Making Competition:





Report on Annual Sports**Mr. Anand D. Acharya**

Lecturer, Industrial Electronics Dept

Mr. T. V. Mohite Patil, Sports Co-Coordinator

Annual Sports of Polytechnic were organized during 2nd Feb to 4th Feb 2023. Indoor and Outdoor sports were organized during this period. The winners and runner-ups were awarded with trophy and certificates.

Sr.No	Event	Winner	Runner up
1	Cricket	TYIF	TYIS
2	Football	FYIS	TYCO
3	Kabaddi	SYIS	TYIE
4	Carrom single (Boys)	Bubere Adi Abdullah (FYIF)	Mukul Ghodke (SYEP)
5	Carrom Doubles (Boys)	Ayush Salunkhe (SYIS)	Rushikesh Palkar (TYIF)
		Sarthak Maitrani (SYIS)	Parth More (TYIF)
6	Chess	Soham Desai (FYIF)	Manish Raje (SYCO)
7	Carrom single(Girls)	Parinita More (FYCO)	Aarya Arugade (FYCO)
8	Carrom Doubles(Girls)	Parinita More (FYCO)	Isha Talwadkar (FYIE)
		Aarya Arugade (FYCO)	Harshita Tanwar (FYIE)
9	Table Tennis	Bubere Adi Abdullah (FYIF)	Apurv Deshmukh (SYCO)
10	Langdi	TYIF	EP
11	Lagori	TYIF	EP

Sr. No	Events	Incharge
1	Cricket	Mr.Anand Acharya Sir (IE)
2	Football	Mr.Shubham Wadkar Sir (IF)
3	Langdi	Ms.Kiran Patil Madam (IF)
4	Lagori	Mrs.Nivedita Rane Madam (IS)
5	Tug of War	Mr.Bhore Sir (IS)
6	Carrom (Singles &Doubles)	Mrs.Poonam Kamble Madam (CO)
7	Table Tennis	Mrs.Supriya Parab Madam (FY)
8	Badminton (Singles &Doubles)	Mrs. Surbhi Shroff Madam(EPS)
9	Chess	Mrs.Yogita Kadam Madam(EPS)



The Champion



SHRAVANI SAWANT is a National level table tennis player started her career in table tennis sports in the year 2014. With her sincere efforts, dedication & passion towards table tennis she accelerated her performance with progressive graph in last 8 yrs. performing not only at district & state level but at National level as well.

Participation Summary

Shravani has participated in various District / State & National level tournaments held during the year 2021-2022.

District Level Tournaments

- ❖ Palava Thane (Semi-finalist)
- ❖ CKP Hall , Thane (Winner – District Championship)

State Level Tournaments

- ❖ Nanded (Runner- up)
- ❖ Nagpur (Semi-finalist)
- ❖ Nasik Gymkhana , Nasik (Winner – State Ranking)

National Level Tournaments

- ❖ UTT National Ranking Table Tennis Championship Dec'21,Dehradun ,Uttarakhand (Quarter finalist)
- ❖ UTT National Ranking Table Tennis Championship Jun'22 , Kochi , Kerala (Quarter finalist)

Accomplishment

- ❖ Winner of Maharashtra State ranking tournament held in 2018 in Sub Jr Girls Category, Felicitated by 9 times National Champion – Honorable Mr. Kamlesh Mehta
- ❖ Captain of Maharashtra State team in National School Games (DSO) conducted at Baroda in Yr'2020 in Under 17 Category.
- ❖ Consistently representing Maharashtra State for past 4 years in National ranking & championship tournaments
- ❖ Defeated Commonwealth Gold Medalist – Ms. Pooja Sahasrabudhe in Women's Category in State ranking tournament held at Nasik in Oct'2021
- ❖ Quarter final medalist in Dec'2021 National tournament held at Dehradun (North Zone)
- ❖ Secured Quarter finalist position in National Championship tournament held at Kochi (South Zone) in Jun'2022
- ❖ Current TTFI ranking :- National Rank Position 12 in Under 17 category & Position 38 in Under 19 category (Yr'21-22)

- ❖ U-19 Category in Yr'22-23 – Gold medalist District Championship (Aug'22) / Gold medalist State ranking at Nasik (Sep'22)
- ❖ Currently holding No.1 rank in U-19 category in Thane District & No.2 in Maharashtra State (Yr'22-23)

Glimpses of various tournaments at various levels.

District Level



State Level

- ❖ Gold Medalist -2018
- ❖ Silver Medalist -2021
- ❖ Gold Medalist -2022



National Level National Rank 12

- ❖ (Under 17 Category)
- ❖ National Rank 38
- ❖ (Under 19 Category)
- ❖ Quarter Final medalist



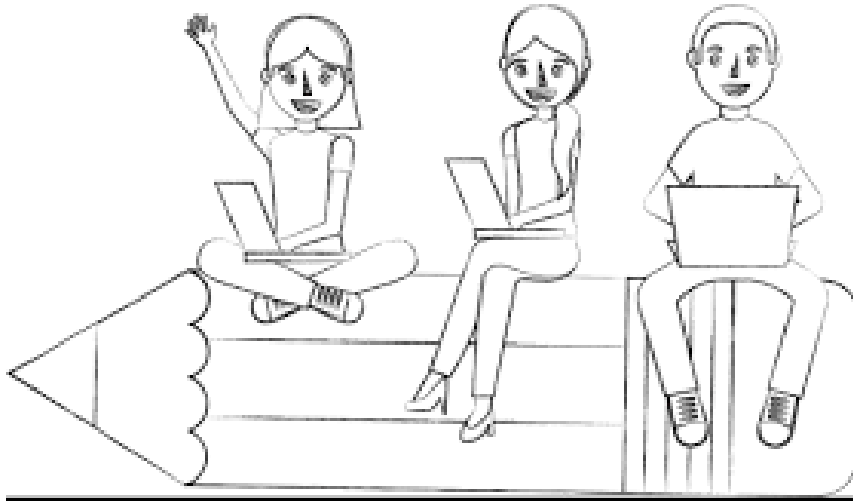
Major Achievement :-

Based on the recommendation by TTFI (Table Tennis Federation of India), Shravani has recently got registered at ITTF (International Table Tennis Federation) for the forthcoming International Table Tennis events .

Benefits and Take Away

- ❖ Table Tennis being the fastest game it helps in increasing concentration
- ❖ It also improves coordination skill while playing doubles with partner
- ❖ Quick movements in the game always keeps you Active
- ❖ Decision making skill is also developed through this game
- ❖ Winning game boosts your confidence however losing makes you learn from mistakes
- ❖ Table tennis teaches “How to deal pressure situations”





STUDENTS SECTION

Technology is part of life

Mr. Aayan Ali

(Second Year Industrial Electronics)



Technology has changed dramatically every aspect of our daily life. We are able to do many things with technology. We can't think of anything about technology in the future because; we have a lot of technical things which are enough for a modern life. It will continue to change in the future because there is nothing new to develop in the future and also we have everything to do in our lives now. Therefore, technology has most improved our lives through education, communication and medical treatment.

Technology has improved a lot of medical systems. In the past many people died prematurely due to lack of treatment. If someone had a disease, he could not properly eat any medicine because there was no hospital for treatment. Also, at that time there was no specialist doctor. But now we have a lot of hospitals in our country and specialist doctors that give perfect treatment. Many people are also saved from the way of death for better treatment and that has only become possible because of technology.

Technology has also broadened the way a patient can communicate with his or her doctor. "This type of communication is called telecommunication technology. Telemedicine initially can help the patient and doctor and medical technology essentially saves many lives and increases the quality and safety of life" ("Positive effects of medical technology").

In conclusion, though it is a modern world, it's impossible to lead a life without technology. Because of its benefits, it became a part and parcel of our everyday life. It is very difficult to live with happiness except technology. From getting up to going to bed, technology plays a greater role with our usual work. In that case only because technology has improved our education system, the social communication system and medical treatment. It helps us to step ahead. It is not only helping us with the present and past but also brings us closer to the future.

Biometrics: Unlocking the Secure Future and Power of Your Unique Traits.

Abhinav Thokale

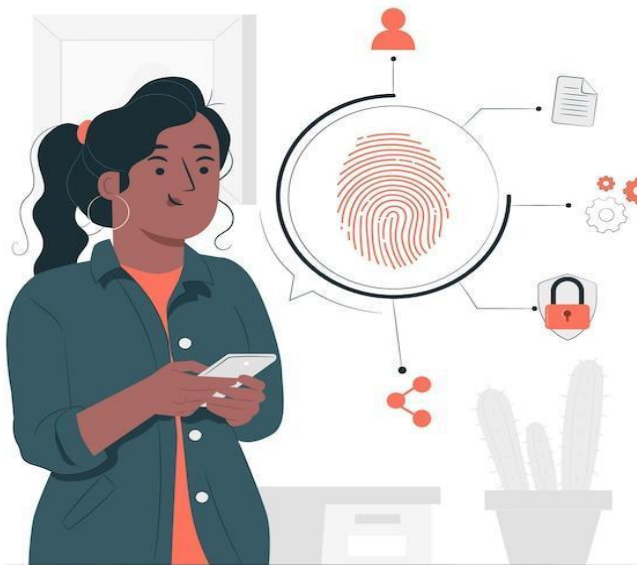
(Third Year Electrical Power System)

- **Introduction**

Have you ever wondered how your smartphone recognizes your face or fingerprints to unlock? The answer lies in biometrics, a fascinating technology that uses your unique physical characteristics to verify your identity. But what exactly is biometrics, and how does it work? Let's dive in and explore this exciting field in simpler terms. Biometrics is a technology that focuses on the unique physiological and behavioral characteristics of individuals to identify, verify, and authenticate their identity. The term "biometrics" is derived from the Greek words "bios," meaning life, and "metron," meaning measure. It involves the automated recognition of individuals based on their distinct biological or behavioral traits, providing a highly secure and efficient method for identity management.

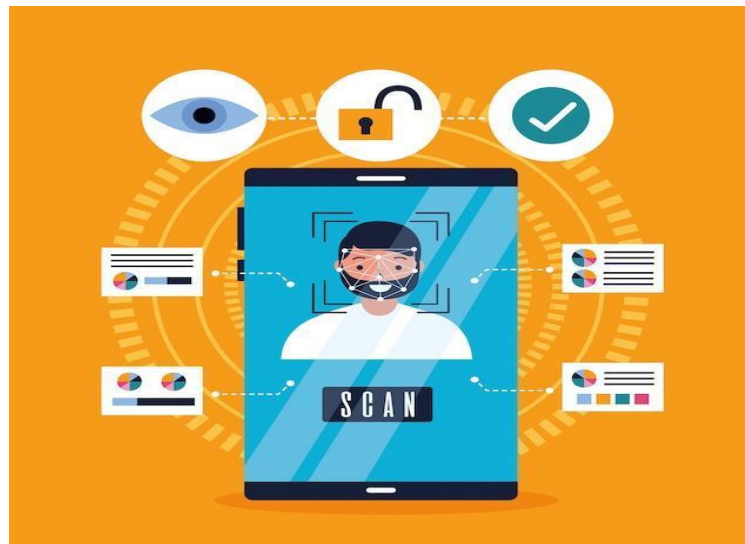
- **Overview**

It offers a much more secure and hassle-free way to verify who you are, without the need for traditional methods like passwords or PINs.

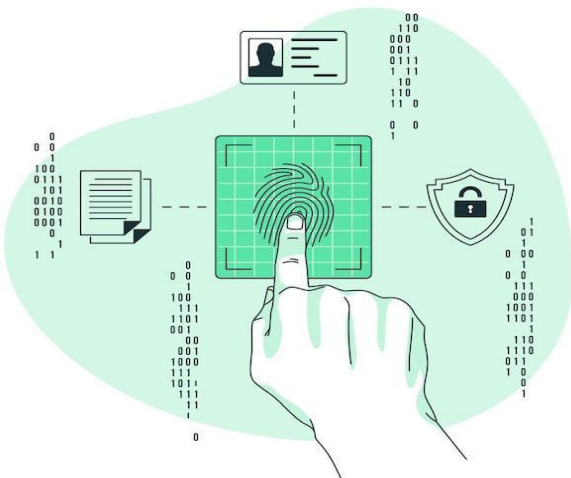


Let's start with the most common form of biometrics: fingerprints. Did you know that each person's fingerprints are entirely unique, like a special code only they possess? This is why authorities have been using fingerprints to identify individuals for decades. Now, thanks to technology, we have fingerprint sensors on our smartphones and laptops that can recognize our prints and unlock our devices with a simple touch. It's almost like having a secret superpower to safeguard our gadgets.

Another exciting biometric technology is facial recognition. Our faces have numerous distinct features, like the shape of our eyes, the curve of our lips, or the pattern of our skin. Facial recognition systems use advanced algorithms to analyze these unique facial characteristics and match them to a stored database. This technology is now commonly used at airports, making the process of identifying potential threats or persons of interest much more efficient and secure.



Apart from fingerprints and faces, our voices also have distinctive traits that can be used for identification. Have you ever wondered why no two people have the exact same voice? That's because each of us has a unique combination of vocal cords, pitch, and tone. Voice recognition technology analyzes these characteristics to create a voiceprint, which is then used to verify your identity. Imagine using your voice to command virtual assistants or access your personal information without the need for passwords, it's like having a personal assistant that recognizes only you.



In this world where technology is constantly evolving, the way we prove who we are is changing too. One of the most exciting advancements in this field is biometrics, a cutting-edge technology that uses our unique physical features to verify our identity.

Let's explore some Advancements in Biometric Technology:-

a) **Multimodal Biometrics:** The future of biometrics lies in combining multiple biometric modalities to enhance accuracy and security. Integrating facial recognition, iris scanning, fingerprinting, voice recognition, and even behavioral patterns like gait analysis will create more reliable and foolproof identification systems.

b) Continuous Authentication: Traditional biometric systems often require a one-time authentication process, leaving room for potential security breaches. Future biometrics will implement continuous authentication, continuously monitoring users' physiological and behavioral traits to ensure a seamless and secure experience.

c) Brainwave Authentication: Researchers are exploring the possibility of using brainwave patterns as a biometric identifier. Electroencephalogram (EEG) readings could offer a new level of security, as brainwave patterns are unique to each individual and difficult to replicate.

Biometrics have become increasingly integrated into our day-to-day lives, offering secure and convenient identification and authentication methods. Here are some common applications of biometrics in various aspects of daily life:-

a) Payments and Transactions: Biometric authentication is expected to replace traditional PINs and passwords in financial transactions. This change will not only streamline the payment process but also provide an added layer of security, reducing instances of fraud and identity theft.

b) Healthcare: Biometrics will significantly impact healthcare, enabling secure access to medical records, reducing medical identity theft, and ensuring patient data privacy.

c) Travel and Immigration: Airports and border crossings are increasingly implementing biometric systems to expedite immigration processes, enhancing security while reducing wait times for travelers.

d) Internet of Things (IoT) Security: With the proliferation of IoT devices, biometric authentication will play a crucial role in securing interconnected smart devices, protecting user data, and preventing unauthorized access.



- **Expected Impact:**

This project is expected to have a significant impact on the future of biometric systems. By improving usability, accuracy, and privacy, biometrics can become more widely adopted, leading to a more secure and convenient society. The proposed changes may be implemented in various domains, including smartphones, access control systems, financial institutions, healthcare, and transportation, among others. As this technology continues to advance, biometrics is expected to play an even greater role in security systems. It offers a more convenient and secure way to authenticate users, eliminating the need to remember multiple passwords or carry around multiple identification cards. Whether it's unlocking your smartphone, accessing your bank account, or boarding a plane, the future of authentication is likely to be biometric.

While biometrics provides convenience and enhanced security, concerns about privacy and data protection are valid. It's crucial that our biometric information is stored and handled securely to prevent unauthorized access or misuse. To address these concerns, encryption and liveness detection measures have been developed. Encryption ensures that our biometric data remains encoded and unreadable to unauthorized individuals, while liveness detection confirms that the biometric sample being used is from a live person, preventing fraudulent use.

- **Conclusion:**

The future of biometrics holds tremendous promise, empowering industries with advanced security and seamless user experiences. As technology progresses, we must remain vigilant about ethical considerations and data privacy, ensuring that these biometric systems benefit society while upholding individual rights and inclusivity. With responsible implementation and continuous innovation, biometrics will undoubtedly unlock the next generation of security across various domains in our ever-evolving world. So, the next time you unlock your phone with a simple touch of your finger, remember the power of biometrics. It's not just fancy technology; it's a game-changer that prioritizes our unique individuality and makes our lives more secure and convenient.

What is the real motive of Chandrayaan 3?

Ms. Disha Mishra

(Second Year Instrumentation)

Chandrayaan-3 is the third Moon mission by India's space agency ISRO. The goal is to place a lander and rover on the lunar surface and operate them for roughly one lunar day, or 14 Earth days. The small rover, which weighs just 26 kilograms (57 pounds), will fly to the Moon inside the lander



Chandrayaan-1 was the first lunar space probe of the Indian Space Research Organisation (ISRO), found water on the Moon. It mapped the Moon in infrared, visible, and X-ray light from lunar orbit and used reflected radiation to prospect for various elements, minerals, and ice.

If all goes according to plan, Luna-25 could potentially beat Chandrayaan-3 by a slim margin in this celestial sprint. In contrast, Chandrayaan-3 has been diligently navigating its trajectory since its launch from the Satish Dhawan Space Centre in Sriharikota

Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. Launch of Chandrayaan-3 is being seen as a giant step for Indian scientific progress. Benefits of Chandrayaan-3 include boost to Indian economy and new job creation.

The mission objectives of Chandrayaan-3 are:

1. To demonstrate Safe and Soft Landing on Lunar Surface
2. To demonstrate Rover roving on the moon and
3. To conduct in-situ scientific experiments.

From Adversity to Triumph: Inspiring Success Stories

Ms. Swaleha Shaikh

(Second Year Computer Engineering)

Throughout history, the world has witnessed countless tales of remarkable individuals who defied the odds, overcame adversity, and achieved extraordinary success. These inspiring stories serve as beacons of hope, reminding us that no obstacle is insurmountable and that the human spirit is capable of achieving greatness even in the face of the most challenging circumstances. In this essay, we will explore some of the most awe-inspiring success stories that demonstrate the power of determination, resilience, and the unwavering belief in one's dreams.

1. Helen Keller - Triumph over Darkness:

Helen Keller's story stands as a testament to the indomitable spirit of human will. Deaf and blind since infancy, Helen struggled to communicate with the world around her. However, with the guidance of her teacher, Anne Sullivan, she learned to overcome her disabilities and developed exceptional intellectual abilities. Helen went on to graduate from college and become an accomplished author and advocate for the rights of the disabled. Her determination and resilience continue to inspire people globally, proving that nothing is impossible when one sets their mind to it.

2. Thomas Edison - Master of Perseverance:

Thomas Edison, the inventor of the light bulb, faced countless failures before achieving success. He famously stated, "I have not failed. I've just found 10,000 ways that won't work." Edison's dedication to his craft, even in the face of repeated setbacks, led to the creation of numerous life-changing inventions. His story serves as a reminder that failure is an integral part of success, and with each setback, we grow closer to achieving our goals.

3. Oprah Winfrey - Triumph of the Human Spirit:

Oprah Winfrey's journey from a troubled childhood to becoming one of the most influential media moguls is an awe-inspiring tale of perseverance. Raised in poverty and facing various adversities, Oprah used her difficult past as a source of strength to rise above her circumstances. She went on to become a talk show host, actress, producer, and philanthropist, using her platform to inspire and uplift millions worldwide. Oprah's story is a shining example of how resilience and determination can turn adversity into a stepping stone towards success.

4. Nelson Mandela - Triumph of Forgiveness and Unity:

Nelson Mandela's life is a testament to the power of forgiveness, reconciliation, and unity. After spending 27 years in prison for fighting against apartheid, Mandela emerged as a symbol of hope and unity for a divided nation. Instead of seeking revenge, he embraced forgiveness and worked tirelessly to dismantle the system of racial segregation. His leadership and resilience laid the

foundation for a new era in South Africa and earned him worldwide admiration. Mandela's story reminds us that forgiveness and compassion have the power to heal wounds and build a better future.

5. J.K. Rowling - Imagination Conquers Adversity:

Before becoming a celebrated author of the Harry Potter series, J.K. Rowling faced her share of hardships. As a single mother living on welfare, she battled depression and financial struggles. Despite the odds, Rowling persevered, pouring her imagination into the magical world of Harry Potter. Her books became a global phenomenon, inspiring millions of readers and demonstrating the power of imagination in overcoming life's challenges.

Conclusion:

The inspiring success stories of individuals like Helen Keller, Thomas Edison, Oprah Winfrey, Nelson Mandela, and J.K. Rowling reminds us that the path to greatness is often paved with difficulties. These extraordinary individuals did not allow their circumstances to define them; instead, they used their inner strength, perseverance, and belief in themselves to triumph over adversity.

Their stories serve as a beacon of hope, inspiring us to pursue our dreams relentlessly, regardless of the obstacles we may encounter. As we embark on our own journeys towards success, let us draw inspiration from these remarkable individuals and remember that with determination, resilience, and an unwavering belief in ourselves, we too can create our own inspiring success story.

Perfection doesn't exist

Arnav Dabhekar

(Second Year Industrial Electronics)

We have been told a proverb since our childhood. 'Practice makes a man perfect'. But do you all know? It's completely wrong! Yes! We have been taught the wrong proverb. Practice doesn't make you perfect. It just makes you better than you already were. Thinking you are perfect is your attitude. Never ask yourself why you are not perfect because nothing in this universe is perfect. Mistakes are made by everyone. Don't aim for perfection. Always try to get a better version of yourself. Don't seek for perfection but seek for excellence. Don't call yourself perfect. Always remember that Perfect things don't exist, Perfection doesn't exist.

Technology and Gadgets

Mr. Shavac Chenna

(Third Year Computer Engineering)

In this fast-moving world, gadgets and electronic devices play an essential role; with the help of science and technology, almost anything is possible in this world. Therefore without having consciousness, we come across various gadgets in daily life. Consequently, we depend on them almost. In our tech-driven world, we find ourselves surrounded by an array of gadgets that make our lives easier and more convenient. From the moment we wake up to the time we retire for the night, gadgets are there to assist us. Be it the alarm clock that wakes us from sleep or the AC that offers comfort, we've become quite



reliant on these tools. Amidst the convenience that the gadgets offer, it's crucial to acknowledge their potential drawbacks. These tools have unconsciously slipped into our routines, making everyday tasks smoother. Yet, our greed for convenience might unintentionally lead to overlooking certain essential skills. The ease of operation and automation provided by gadgets can gradually result in a lazy and a dependent lifestyle. Over time, over-dependence on these devices could diminish our ability to perform tasks independently, subtly blurring our capabilities and skills.

While gadgets have become our allies in simplifying tasks, they might also indirectly encourage us to lead a more passive lifestyle. Instead of engaging in physical activities, we find ourselves using the comfortable alternatives of our devices. This change in behaviour can have repercussions on our overall health and well-being, contributing to concerns like obesity and reduced physical fitness. For example, earlier we used to get out of our house and walk to the grocery stores for rations and needful supplies but now, all we need to do is open an app, select the items we want and order them which will be delivered to your doorstep. These small things slowly and gradually pile up making a huge difference in the level of physical activities done by us.

“Nothing in excess, everything in moderation.” – Thales.

This quote applies to this scenario perfectly. While gadgets undeniably flourish our lives, moderation is key. By being mindful of the time spent with these devices and consciously engaging in activities that promote physical movement and thinking, we can counteract the negative effects technology may bring.

Unleashing the Power Within: Inner Strength and Success in Life

Ms. Swaleha Shaikh

(Second Year Computer Engineering)



Life is a journey filled with numerous challenges, trials, and triumphs. It is not the absence of difficulties that defines our success, but rather our ability to navigate through the stormy seas and emerge stronger than ever. Inner strength, the invisible force that resides within each one of us, plays a pivotal role in shaping our destiny. This essay explores the profound connection between inner strength and success in life, highlighting the importance of cultivating this invaluable quality to conquer adversities and achieve greatness.

1. Embracing Adversity:

Adversity is an inevitable part of life, and it can often feel overwhelming. However, it is during these testing times that our inner strength is truly put to the test. The ability to confront challenges with a positive mindset and unwavering determination allows us to not only survive but thrive in the face of adversity. Embrace every obstacle as an opportunity to learn, grow, and showcase your inner strength.

2. Resilience:

Resilience, the ability to bounce back after setbacks, is a defining characteristic of inner strength. Success in life is not about avoiding failure but rather about how one responds to it. The most successful individuals are not those who never stumbled but those who rose each time they fell. Cultivate resilience by viewing failure as a stepping stone towards success and using setbacks as opportunities for growth.

3. Self-Belief and Confidence:

Inner strength derives from a deep-rooted belief in oneself. It is essential to have confidence in your abilities, dreams, and aspirations. When you believe in yourself, you radiate a positive aura that attracts opportunities and paves the way to success. Trust your instincts, take calculated risks, and never underestimate the power of self-belief.

4. Positive Mindset:

A positive mindset is a driving force behind inner strength and success. Instead of dwelling on limitations or shortcomings, focus on possibilities and solutions. Train your mind to see opportunities even in the most challenging situations. A positive outlook not only boosts your inner strength but also inspires others around you.

5. Perseverance:

Success rarely comes overnight; it requires consistent effort and perseverance. Inner strength gives you the tenacity to stay committed to your goals even when the going gets tough. Remember, every great achievement was born out of dedication and persistence. Stay focused, and you will find that success is just around the corner.

6. Empathy and Emotional Intelligence:

True inner strength goes beyond personal growth; it involves understanding and empathizing with others. Emotional intelligence enables us to build meaningful connections and support networks that foster success. A leader with inner strength not only achieves personal goals but also uplifts and empowers those around them, creating a ripple effect of positive change.

Conclusion

Inner strength is the silent catalyst that propels individuals towards extraordinary achievements in life. It empowers us to confront adversity with resilience, embrace failure as an opportunity, and cultivate a positive mindset that attracts success. To unlock our true potential, we must believe in ourselves, persevere through challenges, and show empathy towards others.

As we embark on the journey of life, let us remember that success is not solely measured by material wealth or external accomplishments. It is a reflection of the strength we possess within ourselves and the positive impact we leave on others. Nurturing our inner strength will not only lead us to personal success but also inspire others to tap into their hidden potential and achieve greatness.

So, let us embrace the power within and take charge of our destinies, for with unwavering inner strength, there is no limit to what we can achieve in this beautiful journey called life.

Women empowerment

Ms. Palak Jadhav

(Second Year Industrial Electronics)



Women are increasingly getting empowered to decide the course of their life and profession and realize their fullest potential.

Women empowerment implies the ability of women to take decisions with regard to their life and work and giving equal rights to them in all like, Personality, social, economic, potential legal.

The rest of women profess an independent outlook, whether they are living inside their home or working outside. They are increasingly gaining control over their lives and making their own decisions with regard to their education, career, profession and lifestyle.

With a steady increase in the number of working women, they have gained financial independence which gives them confidence to lead their own lives and build their own identity. They are successfully taking up diverse professions to prove that they are second to none in any respect, and women also take care to strike a balance between their commitment to their profession as well as their home and family and women play roles of mother, daughter, sister, wife and a working professional.

Women empowerment is not limited to urban, working women, but women in even remote towns and villages are now increasingly making their voice heard loud and clear in society. While it is true that women by and large do not face discrimination in society today, unfortunately, many of them face exploitation and harassment which can be of diverse types emotional, physical, mental and. They are often subjected to abuse and other forms of physical and intellectual violence.

The rural areas of the country are by and large, steeped in a feudal and medieval outlook, refusing to grant women equal say in the matters of their education, marriage, dress-code , profession and social interaction.

Women empowerment spreads to progressive as well as backward areas of our vast country.

“A woman with a voice is, by Definition, A strong woman”.

Indian culture is the heritage of social norms and technologies that originated in or are associated with the ethno-linguistically diverse India. The term also applies beyond India to countries and cultures whose histories are strongly connected to India by immigration, colonisation, or influence, particularly in South Asia and South east Asia.

India's languages, religions, dance, music, architecture, food and customs differ from place to place within the country.

Colorful Tapestry of Indian Culture

In a land where colors dance with grace,
India's culture paints a vibrant embrace.
From ancient stories to traditions so old,
A tapestry of values and tales unfold.
Spices infuse life with flavors bold,
Unity in diversity, a story untold.
Languages, festivals, each a piece,
A symphony of cultures that never cease.
Temples, mosques, churches stand tall,
Respecting beliefs, embracing all.
Sari's elegance, turban's pride,
Indian culture's diversity, none can hide.
From North to South, East to West,
In every corner, India is blessed.
A celebration of heritage, a timeless art,
Indian culture, deeply etched in every heart.



Ms. Unnati Kadam (SYIF)

Life is...

Life is.....

A mystery, Unfold it.

A journey, Walk it.

Painful, Endure it.

A joke, Laugh at it.

A song, Sing it.

A flower, Smell it.

Wonderful, Enjoy it.

A candle, light it.

Precious, Don't waste it.

A gift, Open it.

Love, Give it.

Unlimited, Go for it.

Light, Shine in it.



Nature

Wonders of nature

Got thunders of rain,

Making us happy in

The monsoon days.

I saw birds chirping with delight

As if they will have dinner on clouds

tonight.

Nature is God's loveliest gift

But humans are creating risk to it.

It is a gift to admire and thank

But not to misuse and to make scrap.

So thank God for what he has given

Do not question him for what he has

not.

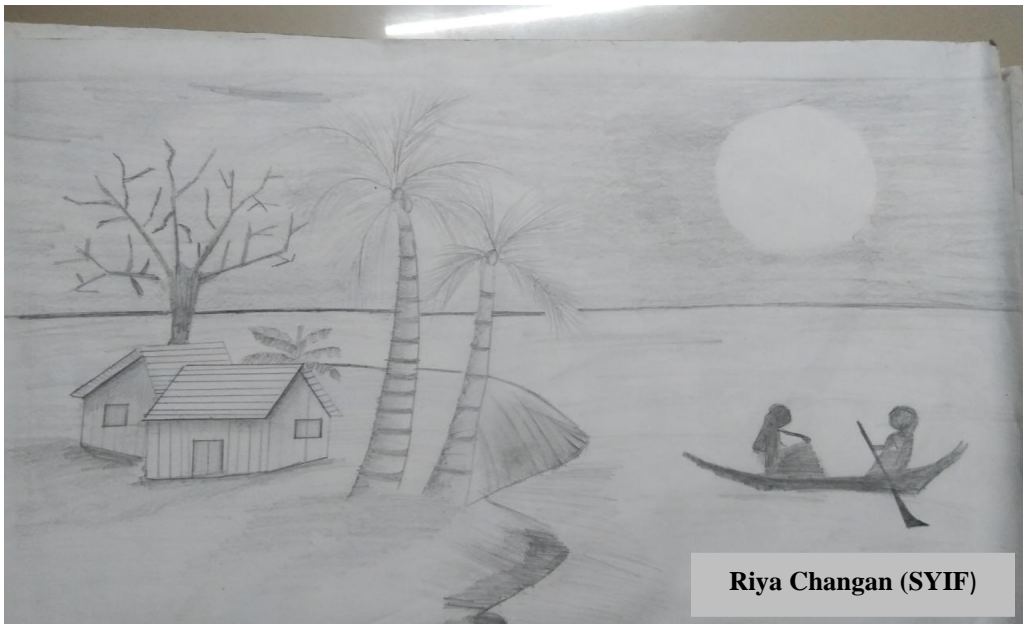


Ms. Sanika Kamble (SYIE)

Love Yourself

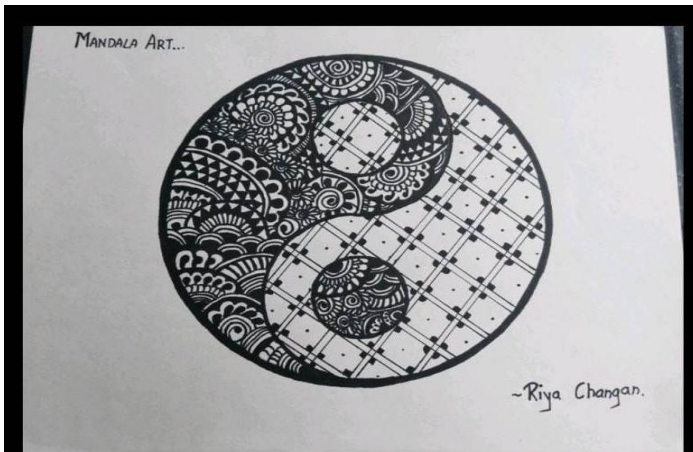
Love yourself
Believe in you,
As the day begin's Start
Something New
Shine as a cystral which may be
bright as Sun And our hopes and
dreams will fulfil as never before
have been done;
If your dreams may not fulfil don't
dismay your
courage and be glorifield
Have a skill of Nurtur and
civilizing and your hopes will
idolized.


-VRUSHALI SHINGOTE SYIS



Riya Changan (SYIF)

SKETCHES



Mandala art of Yin-Yang 
Which indicates that the 2 opposite characteristics need each other to complete themselves peacefully and with harmony..



Ms. Varshini Venkatesh (SYIE)



V.P.M's Polytechnic, Information Technology Centre
Activity Report 2022-2023

Mrs. Hemangi Sawant, Mrs. Rupali Kane

Coordinators – IT Centre

About IT Centre

- Information Technology Centre is a unit of Polytechnic, established in the year 2000 with a goal to provide Industry compatible Continuing Education Programmes to Professionals.
- **Received Monsoon Shower Award-2022, Summer Bonanza Awards-2022 from MKCL, Pune for enrolling maximum candidates.**
- **Identified as Authorized Learning Center for conducting ‘CHHATRAPATI SAMBHAJI MAHARAJ SARTHI Digital Employability Enhancement Program (“CSMS-DEEP”)** by SARTHI in collaboration with MKCL from January 2023.

CSMS-DEEP aims at imparting training in 21st Century job-readiness skills, competencies and character qualities to the youth belonging to SARTHI's Target Group (Maratha, Kunbi, Maratha-Kunbi and Kunbi-Maratha) for enhancement of employability and self-employability in the State.

- **Candidate from the Institute secured 2nd Rank in Maharashtra Olympiad Movement 2022 at District Level (Cash Prize and Certificate)**
- **Received approval for Short Term Diploma (Non-AICTE) programmes for Academic Year 2023-24 vide GR No. Approval/2023/(10/23)/TE-5 dated 16/06/2023.**

Sr. No.	Name of Programme	Intake
1	Diploma in Fire Service Engineering (New Programme)	40
2	Advanced Diploma in Industrial Safety (Increase in Intake)	100
3	Advanced Diploma in Energy Management and Audit (Part Time to Full Time)	40

Activities

Date of Event	Location	No. of Participants	Type of Participants	Brief Description about the Event
September 2022 to June 2023	Project Institute - V.P.M.'s Polytechnic, Thane	150	MSBTE Members, Academicians, Industry Experts, Non-AICTE Institute's Principals, Coordinators, Faculties, Non-teaching staff Chief Project Coordinator- Dr. D.K. Nayak, Principal	MSBTE Approved Short Term Diploma Courses Curriculum Revision Project – 2022 The Curricula Revision Project of State Govt. Approved 18 Courses (Last revision 2017-18), and to prepare Curricula for new program Advance Diploma in Unmanned Aerial Vehicles (UAV) and Drone was taken up by MSBTE. The Short Term state Government Diploma and Advance Diploma courses are in good demand especially from the working professionals and to make them Job ready for the requisite skills, following aspects were highlighted by the Hon. Director Dr. V.M. Mohitkar and Hon. Secretary, Dr. M.R. Chitlange in the very first meeting held on 3/9/2022 at the Conference Room, MSBTE, Bandra, Mumbai.
14 th to 16 th September 2022	CIDCO Exhibition and Convention Centre, Mumbai	More than 1000	Energy Management and Audit Regular Students, Ex-students, Faculty Members, Working Professionals	BOILER INDIA 2022 Boiler Expo & Seminars
14 th November 2022	V.P.M.'s Polytechnic, Thane A.V. Room	62	Industrial Safety students and staff	Expert Lecture Topic – Electrical Safety Speaker – Mr. Sagar Kajarekar, AGM Safety, EVIO Pvt. Ltd., Mumbai

Date of Event	Location	No. of Participants	Type of Participants	Brief Description about the Event
24 th & 25 th November, 2022	Hall 4, Bombay Exhibition Centre, NSE Nesco Complex, Off Western Express Highway, NESCO, Goregaon East, Mumbai	More than 1000	Industry Experts, Vendors and Students	<p>10th Edition of OSH India Expo South Asia's largest safety & health expo and conference. To spread awareness on Occupational Safety & Health, Informa Markets in India organises the largest OSH exhibition cum conference in South Asia, called OSH India, annually in Mumbai.</p> <p>Top industry leaders and pioneering innovators came together at OSH India, sharing the latest news and research, technology and innovation.</p>
13 th January 2023	V.P.M.'s Polytechnic, Thane A.V. Room	65	Industrial Safety students and staff	<p>Expert Lecture Topic – Fire Prevention and Life Safety Measures Act 2006 and Rules Speaker – Mr. Arvind Mandke, Former Chief Fire Officer Thane and CIDCO</p>
12 th April 2023	Dr. Bedekar Vidya Mandir, Thane	100	Students of 8 th , 9 th and 10 th std.	<p>MKCL Olympiad Movement (MOM) Exam 2019 Felicitation of Jadhav Shravani Ananda, 8th Std from Dr. Bedekar Vidya Mandir who secured 2nd rank at District level Cash Prize and Certificate from MKCL</p>
15 th April 2023	V.P.M.'s Polytechnic, Thane A.V. Room	65	Industrial Safety students and staff	<p>Practical Demonstration on First Aid and Fire Fighting Topics covered – Emergency Management, CPR and Fire Fighting Speaker – Dr. Mona Gandhi, Director, Eduforce</p>

Date of Event	Location	No. of Participants	Type of Participants	Brief Description about the Event
8 th June 2023	V.P.M.'s Polytechnic, Thane IF Lab 3, First Floor	15	ADIS Students of AY2020-21, 2021-22 and 2022-23	<p>Campus Interview Drive for Safety Officers Company – Mahindra Teqo Pvt Ltd, Worli, Mumbai Recruitment Process- Pre-Placement Talk Online Test Personal Interview Panel Members Mr. Prashant D. Patil, Assistant Manager - HSE Ms. Dhanashri Gosavi, Deputy Manager - HR 3 candidates selected for Haryana, Maharashtra and Rajasthan location</p>
31 st July 2023	V.P.M.'s Polytechnic, Thane Vaze Hall, Ground Floor	11	ADIS Students of AY 2022-23	<p>On-Campus Drive Company – Voltas Limited Recruitment Process Online Test Pre-Placement Talk Personal Interview Panel Members Mr. Sunil Bhalerao, Head-Safety Mr. Sebastine Francis, Corporate Safety Manager, Mr. Rohan Nivale, Corporate Safety Manager Ms. Harshita Mathur, Corporate HR 4 candidates selected as Management Trainee (MT)</p>



Vidya Prasarak Mandal, Thane's
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- Standard hostel facility with attached bathrooms
- Teachers quarters, gymkhana, utility
- Best quality canteen & mess with Hygienic food
- Stationary shop, laundry and basic needs facility in the campus
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VPMMPCOE : At : Velneshwar, Hedvi - Guhagar Road,
Taluka : Guhagar, District : Ratnagiri, Maharashtra - 415729, INDIA.

Tel. No. : 9324510629, 9004690479

E-mail : mpcoe@vpmpcoe.org, mpcoe@vpmthane.org

URL : www.vpmpcoe.org



V.P.M.'s Polytechnic, Thane Information Technology Centre

"Jnanadweepa", Thane College Campus, Chendani Bunder Road, Thane - 400 601, (MS), India
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STATE GOVERNMENT APPROVED SHORT TERM DIPLOMA COURSES

🌸 Diploma in Fire Service Engineering (FR)

Eligibility : Passed H.Sc. Examination of M.S. Board of Secondary & Higher Secondary Education OR its Equivalent OR Passed any Trade of ITI of the Duration of 2 Yrs.

Duration & Pattern : 2 Years - Semester - Full Time

🌸 Advanced Diploma in Industrial Safety (IT)

Eligibility : Any Science Graduate /Graduate in Medical Science /BDS /Graduate in Occupational Therapy(OT), Graduate in Physiotherapy(PT) / Graduate in Veterinary Science / Degree /Diploma in Engineering /Technology or its Equivalent from a recognized Statutory University /Board OR Advanced Diploma in Fire Safety & Industrial Environmental Engineering (FA) /Post Diploma in Fire Engineering (FI) / Diploma in Fire Service Engineering (FR) /Advanced Diploma in Fire Safety Engineering (FS) /Advanced Diploma in Industrial Safety & Security Management (FF) of MSBTE.

Duration & Pattern : 1 Year - Semester - Full Time

🌸 Advanced Diploma in Energy Management & Audit (EW)

Eligibility : Passed any Diploma /Degree in Engineering /Technology from a recognized Statutory University /Board OR Science Graduate from any recognized Statutory University /Board.

Duration & Pattern : 1 Year - Semester - Full Time



Contact between 8.00am - 8.00pm. Tel. : 2533 9866, 2544 2233 Mob. : 9619651156