### DEPARTMENT OF INSTRUMENTATION

## Significant Students Achievements

Smart India Hackathon 2022 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.

Mr. ShreyasAvhad and his Team of TYIS have been selected for the grand Finale of SIH 2022 for their idea "Reconnaissance and Surveillance Drone with Beacon" under the category of Robotics and Drones



Smart India Hackathon team received Runner up Prize at National Level with prize money of Rs. 75000/-





## VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE INSTRUMENTATION DEPARTMENT

# Diploma Instrumentation Students make VPM Polytechnic Proud.



Polytechnic Smart India Hackathon team received Runner up Prize at National Level with Prize Money of Rs. 75000/-

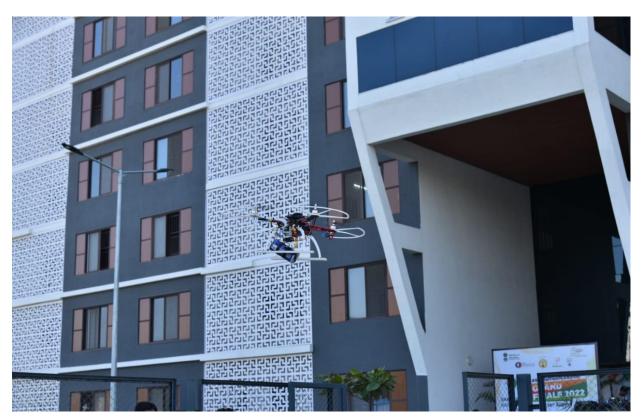
The Competition was held at Aurangabad on 25-26 th August 2022, Conducted by AICTE-MHRD Newdelhi.

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





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







The VPMs polytechnic Team of Our Mr. Divesh Jain, Mr. VishalRaut, Ms. MohakBhangale and Ms. ShraddhaKamble received second prize of NARSEE-MUNJEE Award for Best Project work done by polytechnic students in Maharashtra state 2015

Guided By: MrsV.A.Joshi H.O.D Instrumentation

Project Title: Thermostat Life Cycle Test







The VPMs polytechnic Team of Our Mr. Pratik Karekar, Mr. Monish S. Kachave, Mr. Sanket S. Abadagire received Third prize of NARSEE-MUNJEE Award for Best Project work done by polytechnic students in Maharashtra state 2014

Guided By: MrsS.D.Khandagale Lecturer Instrumentation

Project Title: Accelerometer based gesture controlled Robot





## Students Achievements

### Student Trainings / Workshops Attended (AY 2022-23)

Sr. No	Date From to	Name of the students	Name of the Event (Training/ Workshop Attended)	Venue
1	29/11/2022	TYIS	PLC and SCADA Workshop	AV Room, VPM polytechnic, Thane, conducted by Mr. Rajesh Itoriya
2	4/12/2022	TYIS,SYIS	Lab Equipment Maintenance and calibration (Workshop)	AV Room, VPM polytechnic, Thane, conducted by Mr. AtamaramUghade
3.	2/2/2023 to 4/2/2023	RiteshShirke(SYIS) SwapnilTaywade(SYIS) PrathmeshKadam((SYIS) NeeravWagh (SYIS)	Industrial Automation using PLC	Government Polytechnic,Pen conducted by ISTE

### **Student Winners of Inter Collegiate Competition (AY 2022-23)**

Sr. No	Date From to	Name of the students	Name of the Event	Venue
1	7/10/2022	CharwakDhawale (TYIS)	Second in Inter Department Poster Making Competition	Engineering day Celebration V P M's Polytechnic, Thane
2	2/12/2022	Deep Shahane (SYIS) SamyakTawre (SYIS)	Participated in State LevelTechnical quiz competition	Thakur Polytechnic, Kandivali
3.	26/11/2022	AbhijeetBhosale (TYIS) Pratik Ghodke (TYIS) OmkarNawle (TYIS) Sunil jadhav (TYIS)	Inter DepartmentIdea Pitching competition Topic Name: E-bike Monowheel	V P M's Polytechnic Thane
4.	26/11/2022	Kunal Joshi (TYIS) Smit gore (TYIS) PritiKhandekar (TYIS) Nehagholap (TYIS)	Inter DepartmentIdea Pitching competition Topic Name: Smart Goggles	V P M's Polytechnic Thane
5.	26/11/2022	Darshan Kale (TYIS) PrathmeshTavandkar (TYIS) Vincent Tullimilli (TYIS) AnupChavan (TYIS)	Inter DepartmentIdea Pitching competition Topic Name: Home Made Writing machine	V P M's Polytechnic Thane
6.	25/2/23	Deep Shahane (SYIS) Harsh Bansode (SYIS) ShraddhaPatil (SYIS)	Inter CollegePaper Presentation Topic Name: (Robotic Process Automation)	S.H. Jondhale Polytechnic, Asangaon
7.	15/4/2023	Deep Shahane (SYIS)	RYLA King in Personality and Leadership skill development	V P M's Polytechnic Thane
8.	15/4/2023	RiteshShirke (SYIS) Rushabhwelke (SYIS) VaishnaviAhire (SYIS)	State LevelOnline Technical quiz competition	Virtual online conducetd by KVMIT Polytechnic,Malad ,west
9.	17/4/2023	Kunal Joshi (TYIS) Smit gore (TYIS) PritiKhandekar (TYIS) Nehagholap(TYIS)	IntercollegiateTechnical quiz competition	Vivekanand Education Society (ISA-VESP Student Section)
10.	21/4/2023	Kunal Joshi (TYIS) Smit gore (TYIS) PritiKhandekar (TYIS) Nehagholap(TYIS)	Second Winner in Inter College Paper Presentation Topic Name :Smart Spectacles for preventing road accidents	V P M's Polytechnic Thane

### **Student Trainings / Workshops Attended (A.Y.2021-22)**

Sr. No	Date From to	Name of the students	Name of the Event (Training/ Workshop Attended)	Venue
1	27/11/2021	All TYIS	Workshop on CV and Resume building	AV Room
2	2-12-21 to 3-12-21	All TYIS	VLAB Workshop on 1. Design an alarm annunciator, 2. Calibration and Fault finding of of I/P Converter, 3. Configure a transmitter for level control system	Virtual, Online conducted by COE, Pune
3	07/04/2021	AneeshBauskar PrakrutiRathod KasturiBapat ShreyasAvhad SaurabhDubey	Workshop on Manthan 2022	VES Polytechnic, Chembur
4	22-4-2022	All TYIS	VLAB Workshop on 1.Control valve sizing 2. Overview of DCS	Virtual, Online conducted by COE, Pune
5	30-5-2022	All TYIS	Workshop on Delta-V DCS configuration	Virtual, Online conducted by Emerson India

## Student Winners of Inter Collegiate Competition (A.Y. 2021-22)

Sr. No	Date From to	Name of the students	Name of the Event	Venue	
1	9/12/21	Mr. ShreyasAvhad Mr. SaurabhDubey Mr. PremBauskar	Second prize winnerin Inter Department Idea Pitching competition Topic Name: Reconnaissance and Surveillance Drone with Beacon	V P M's Polytechnic Thane	
2	12/12/21	AneeshBauskarPrakrutiR athodKasturiBapat	Second prize winnerin Inter Department Idea Pitching competition Topic Name : Solar Based EV	V P M's Polytechnic Thane	
	16/05/202 1	Bhavesh Prakash Sawakhande	Second prize winnerin Inter Department Portrait Sketch Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane	
4.	14/05/202	Yogita Suresh Gulhane  First prize winnerin Inter Department Still Life Competition Topic Name :SamajikAikya		V P M's Polytechnic Thane	
5.	20/08/202	TejalRajendraJejurkar	Participated in Inter DepartmentEassyCompetition Topic Name :SamajikAikya		
6.	20/08/2021	KasturiVinodBapat	Participated in Inter DepartmentEassyCompetition Topic Name :SamajikAikya		
7.	20/08/2021	NikhileshJitendraMahadi k	Participated in Inter DepartmentEassyCompetition Topic Name :SamajikAikya	Sadbhavana Din and SamajikAikyaPandharav ada Celebration at V.P.M's Polytechnic	
8.	20/08/2021	PrakrutiArwindRathod	Participated in Inter DepartmentEassyCompetition Topic Name :SamajikAikya	v.1.ivi 3 i oryteenine	
9.	20/08/2021	Aditya Ashok Rathod	Participated in Inter DepartmentEassyCompetition Topic Name :SamajikAikya		
10.	20/08/2021	TejalRajendraJejurkar	Second prize winnerin Inter DepartmentSlogan Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane	
11.	20/08/2021	NehaMahadevGholap	Participated in Inter Department Poster Presentation Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane	
12.	20/08/2021	TejalRajendraJejurkar	Participated in Inter Department Poster Presentation Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane	

13.	20/08/2021	Saurabh Praveen Dubey	Participated in Inter Department Poster Presentation Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane
14.	20/08/2021	Bhavesh Prakash Sawakhande	Participated in Inter Department Poster Presentation Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane
15.	20/08/2021	Aditya Ashok Rathod	Participated in Inter Department Poster Presentation Competition Topic Name :SamajikAikya	V P M's Polytechnic Thane
16.	08/11/2021	CharwakDhawale	First prize winner in Inter College Short Film making Topic Name : AzadikaAmrutMahotsav	TMC Law College, Thane
17.	08/11/2021	Mr. YashPalkar	Participated in Inter DepartmentVideo Making Presentation Topic Name: Fitness Challenge 2 video	V.P.M's Polytechnic
18.	08/11/2021	Mr. CharwakDhawale	Participated in Inter DepartmentVideo Making Presentation Topic Name: Fitness Challenge 2 video	V.P.M's Polytechnic
19.	19/11/2021	Mr. ShreyasAvhad, Mr. SaurabhDubey Mr.PremBauskar	Participated in National Level Demonstration Topic Name: Live demonstration of AQI (Air Quality Index and Soil Moisture measurement	V.P.M's Polytechnic Thane
20.	28/02/22	YashPravinPalkar	First Prize winner in Intra College Poster Presentation Topic Name : Great Indian Scientist	V.P.M's Polytechnic
21.	12/03/2022	KasturiBapat AneeshBauskar	Participated in Inter College Idea Pitching and IEEE Paper Presentation Topic Name : Solar Based EV	Wings at ShivajiraoJondhale College of Engineering and technology, Asangaon
22.	12/04/22	KasturiBapat AneeshBauskar	Second Prize Winner in National level Idea Pitching competition Topic Name : Solar Based EV	V.P.M's Polytechnic

#### **Student Trainings / Workshops Attended (AY 2020-21)**

Sr. No	Date From to	Name of the students	Name of the Event (Training/ Workshop Attended)	Venue
1	28/08/2020 07/10/2020 15/10/2020	All SYIS	VLabWorkshop	Virtual, Online conducted by Virtual LabsIITBombay
2.	29/09/2020 08/10/2020 13/10/2020	All TYIS	VLabWorkshop	Virtual, Online conducted by Virtual LabsIITBombay
3.	August	AvhadShreyash SharmaTushar BapatKasturi, BauskarAneesh PrakrutiRathod PremBauskar	SelectedFor TheThird RoundOf National Innovation Contest Organized ByIIC Toipc Name: Innovation Contestto identifythe creative mindsfrom IIC Institutes	IIC Innovation Contest Ministryof Education, Govt.ofIndia., Innovation cell'
4.	October	ChaulkarHarshal GangurdeNandin i	SelectedFor Publication in 25th National Conference onIndustry4.0(online) Topic Name: Development of Artificial Intelligence	V.P.M's Polytechnic Thane
5.	October  BauskarPremDub eySaurabh		SelectedFor Publication in 25th National Conference onIndustry4.0(online)	V.P.M's Polytechnic Thane
6.	January	AvhadShreyash SharmaTusharRa thodPrakrutiBaus karPremBhogate AtharvaDubeySa urabh	Toycathon-2021 Conducted by Ministryof Education, Govt.ofIndia, Innovation cell' with supportfrom AllIndia Councilfor Technical Education	AatmanirbharBharat Abhiyan" initiatedby our Hon"ble Prime Minister, Shri. NarendraModi

### **Student Trainings / Workshops Attended (AY 2019-20)**

Sr. No	Date From to	Name of Student	Name of the Event (Training/ Workshop Attended)	Venue
1.	13/9/2019	TYIS(4 Students)	RYLA	Panini Hall, BRIMSconducetd by Rotary club of Thane skyline
2.	16/9/2019	SYIS	Urja(Defence services)	Gadkari, Rangayatan, Thane
3.	25/07/201 9	Mr. Gaurav Patil	Regional Mentoring Session for Proof of Concept (PoC)	Institution's Innovation Council, MHRD's Innovation Cell

# Staff Achievements

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

Sr. No	Date From- To	Period (No. of Days)	Name of the Staff	Type Training / Workshop	Venue
1	25/08/2022- 26/08/2022	2	Mrs.V.A.Joshi (Mentor)	Smart India Hackthon team received Runner up Prize at National Level with prize money of Rs 75000/-	MIT, Aurangabad
2	Dec-22		Mrs.S.DKhandagale	Pursuing PHD	Mumbai University
3	Aug-22		Mrs. PoojaJambhale	Completed ME (Electronics and Telecommunication)	Mumbai University
4			Mrs. NiveditaRane	Pursuing ME	Shivaji University
5	13/03/2023- 17/03/2023	5	Mrs. NiveditaRane	Innovation, Incubation and Startup Culture	V.P.M's Polytechnic, Thane conducted by MSBTE
6	17/04/2023- 21/04/2023	5	Mrs. SmitaKhandagale	How to publish research papers in Scopus and ABDC Indexed Journals	5 Day National Level FDP (Online)
7	17/04/2023- 21/04/2023	5	Mrs. PoojaJambhale	How to publish research papers in Scopus and ABDC Indexed Journals	5 Day National Level FDP (Online)
8	15/05/2023	1	Mrs. V.A.Joshi	IOT & its Application	V.P.M's Polytechnic, Thane, conducted by IOT Lab under MOROBS-2022
9	15/05/2023	1	Mrs. SmitaKhandagale	IOT & its Application	V.P.M's Polytechnic, Thane, conducted by IOT Lab under MOROBS-2022
10	15/05/2023	1	Mrs. PoojaJambhale	IOT & its Application	V.P.M's Polytechnic, Thane, conducted by IOT Lab under MOROBS-2022
11	15/05/2023	1	Mrs. ShwetaMusale	IOT & its Application	V.P.M's Polytechnic, Thane, conducted by IOT Lab under MOROBS-2022

#### Staff Trainings / Workshops Attended (A.Y. 2021-22)

Sr. No.	Date From- To	Period (No. of Days)	Name of the Staff	Type Training / Workshop	Venue
1	30/6/2021 to 30/7/2021	30	Mrs.VaishaliAnupam Joshi	Innovation Ambassador	Conducted by MoE's Innovation Cell & AICTE
2	4/10/2021 To 8/10/2021	05	Mrs. VaishaliAnupam Joshi	ATAL FDP on "Sensor Technology"	KSR college of Engineering. Tamilnadu
3	3/1/2022 to 7/1/2022	05	Mrs.VaishaliAnupam Joshi	5 day FDP on Cyber Security	DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
4	19/7/2021 to 23//72021	05	Mrs.VaishaliAnupam Joshi	Enabling Entrepreneurship and Start up Mind set	SGGS Institute of Engineering and Technology
5	30/6/2021 to 30/7/2021 in online mode	30	Mrs. S.D.Khandagale	Innovation Ambassador training (Foundation Level)	Conducted by MoE's Innovation Cell & AICTE
6	05/07/2021 to 09/07/2021	05	Mrs. S.D.Khandagale	ATAL FDP, on Electric Vehicle	VES 's Institute of Technology, Mumbai, Online
7	13/07/2021 To 17/07/2021	05	MrsS.D.Khandagale	Robotics and Process Automation	NanasahebMahadik College of Engineering
8	3/1/2022 To 7/1/2022	05	Mrs. S.D.Khandagale	ATAL FDP Design Thinking: Practical perspective on decision making Education	Sardar Patel institute of Technology (S.P.I.T), Mumbai. AICTE sponsored
9	5/7/2021 To 9/7/2021	05	Mrs. Pooja Shon Jambhale	Medical Image Processing and 3D Applications	Universal College of Engineering, Mumbai
10	19/7//2021 To 23/7/2021	05	Mrs. Pooja Shon Jambhale	Bio-Medical Signal Processing for Smarter Medical Healthcare	GIET University, Odisha
11	25/10/2021 To 29/10/2021	05	Mrs. Pooja Shon Jambhale	Green and Sustainable Energy Development	NITTTR Chennai

Staff Trainings / Workshops Attended (A.Y. 2020-21)

Sr. No.	Date From- To	Period (No. of Days)	Name of the Staff	Type Training / Workshop	Venue
1	27/01/20 To 17/04/20	82	Mrs. S. D. Khandagale	AICTE approved FDP course on Non- Conventional Energy Resources	Online conducted by AICTE
2	21/04/20 To22/4/20	2	Mrs.V.A.Joshi	2daysonlineworkshop on HandsonPython Programming	Online conducted by Hunar ProSkilling(TrainingInstitute)
3	20/04/20 To25/04/20	6	Mrs.V.A.Joshi	1 Weekonline National level facultyDevelopmentProgram andOnline Trainingon MoodleLearningManagementS ystem	Jointlyorganized byspoken TutorialProject, IITBombay andVidyalankarSchool ofInformation Technology,Mumbai
4	04/05/20 To08/05/20	5	Mrs.V.A .Joshi.	Online1 weekFDP on Python Inassociation withspokentutorials,IITBombay	Online conducted by Universal collegeof Engineering, Vasai
5	15/05/20 To16/05/20	2	Mrs.V.A.Joshi	Online2daysNational workshop on"Nanomaterialsfor humansafetyand Environment"	Online conducted by K.M.E.Society"sG.M. Mominwomen"scollege,Bhivan di
6	18/05/20 To27/05/20	10	Mrs.V.A.Joshi	Online2week HP workshop on"Prayog – Experiments onclick" – UsingVirtual Labs	Online conducted byVidyavardhini"s college of Engineering and technology, Vasai in association with College of Engineering, Pune(COEP).
7	25/05/20 29/05/20	5	Mrs.S.D. Khandagale	Online1weekFDTPon"NBA Norms&Preparationof SAR-Criteria-1-9"	Online conducted by RajarambapuInstitute ofTechnology,Rajaramnagar
8	25/05/20 To30/05/20	6	Mrs.S.D. Khandagale	Online1weekFDP on"Opportunities& Challenges inElectronics&AlliedIndustries inIndiapostCOVID-19"	Online conducted by VivekanandEducationSociety's InstituteofTechnology
9	29/05/20 To02/06/20	5	Mrs.S.D. Khandagale	Online1 week FDPon "Advances inInternet OfThings",	Online conducted by FR. ConceicaoRodrigusCollegeOf Engineering
10	30/05/20 To03/06/20	5	Mrs.V.A.Joshi	Online1week FDP on"Evolution fromofflinetoonline teaching"	Online conducted by Satish PradhanDnyansadhanaCollege .Thane
11	25/06/20 To27/07/20	30	Mrs.V.A.Joshi	Developmentofecontent, DigitalTechniques	Online conducted by MSBTE
12	14/09/20 To18/09/20	5	Mrs.S.D. Khandagale	Online I week FDP on Internet of Things	Online DrMahalingam College Of Engg. & Tech. conducted by AICTE TrainingAnd Learning(ATAL) Academy
13	21/09/20 To25/09/20	5	Mrs.S.D. Khandagale	Online1week FDP onSCILAB	Online Sreepathy Institute of Mngt& Tech. conducted by Spoken TutorialIIT

14	28/08/20	1	Mr.S.C.Bhore	VlabOrientationworkshop &V labexperiments	Online conducted by IIT Bombay
15	14/09/20 To18/09/20	5	Mrs.S.D. Khandagale	Online1weekFDPonInternetofT hings	Online DrMahalingam College Of Engg. & Tech., conducted by AICTE TrainingAnd Learning(ATAL) Academy
16	21/09/20 To25/09/20	5	Mrs.S.D. Khandagale	Online 1 week FDP on SCILAB	Online Sreepathy Institute of Mngt& Tech., .conducted by Spoken TutorialIIT
17	23/11/20 To27/11/20	5	MrsV.A.Joshi	Online1week FDP on"BiosimilarTechnology	Online SardarPatel Institute ofTechnology, conducted by AICTE TrainingAnd Learning(ATAL) Academy
18	07/12/20 To11/12/20	5	Mrs.S.D. Khandagale	Online1week FDP onDesignThinking	OnlineVidyalankarInstitute ofTechnology, Mumbai, conducted by AICTE TrainingAnd Learning(ATAL) Academy
19	07/12/20 To12/12/20	6	Mrs.S.D. Khandagale	Online 1 weekSTTP on GREENINTERNET of THINGS (PhaseIII)	Online VES Institute of Technology Chembur, Mumbai, Sponsored by AICTE
20	25/01/21 To29/01/21	5	MrsV.A.Joshi	Online1week FDPonInternetofThings	Online Kongunadu College of Engg. & Tech, Trichy, Tamilnadu conducted by AICTE TrainingAnd Learning(ATAL) Academy
21	01/02/21 To05/02/21	5	Mrs. S.D. Khandagale	Online1weekWorkshop AICTE Incorporating UniversalHumanValues inEducation	AICTE
22	08/02/21	1	Mrs.S.D. Khandagale	Online One DayTrainingon Microsoft AIClassroomSeries	Onlineconducted by Microsoft andNASSCOM
23	15/02/21 To19/02/21	5	MrsV.A.Joshi	Online1week HPon Wearabledevices	Online (AnnaUniversity) underATAL, AICTE
24	22/02/21 To26/02/21	5	Mrs. PoojaPawar	Online I week FDP onSustainabilityEngineering	Online CanaraEngg.College Conducted by AICTE TrainingAnd Learning(ATAL) Academy
25	15/03/21 To19/03/21	5	MrsV.A.Joshi	Online I week Orientation Training Programme (AICTENITTT OTP-3) for Mentors	Online, conducted by NITTTR,Bhopal
26	15/03/21 To19/03/21	5	Mrs.S.D. Khandagale	Online1weekOrientationTraini ngProgramme(AICTENITTT OTP-3) forMentors	Online, conducted by NITTTR,Bhopal

### Staff Trainings / Workshops Attended (A.Y. 2019-20)

Sr. No.	Date From- To	Period (No. of Days)	Name of the Staff	Type Training / Workshop	Venue
1	21/9/2019	1	Mrs.V.A. Joshi	Online workshop on esim through remote center	Shah and Anchor Kuttcchi COE conducted by IIT, Mumbai
2	21/9/2020	1	Mrs.S.D. Khandagale	Online workshop on esim through remote center	Shah and Anchor Kuttcchi COE conducted by IIT, Mumbai
3	4/1/2020	1	Mrs.V.A. Joshi	ETI online orientation	VPM's Polytechnic, Thane conducted by MSBTE
4	4/1/2020	1	Mrs.S.D. Khandagale	ETI online orientation	VPM's Polytechnic, Thane conducted by MSBTE
5	4/1/2020	1	Ms. N. N. Sawant	ETI online orientation	VPM's Polytechnic, Thane conducted by MSBTE
6	6/1/2020 to 10/01/2020	5	Mrs.S.D. Khandagale	FDTP On Industrial Automation And IIOT	VPM's Polytechnic, Thane conducted by MSBTE