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## **NEWSLETTER**

**SUMMER 2022**

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## **Honourable Deputy Chief Minister**

### **Visit for “ Lokarpan Sohla”**

On the occasion of Janmshatabdi year of Late Yashwantrao Chavan , Lokarpan Sohla was celebrated. On this occasion inaugural function of Matoshri Girls Hostel Nashik was organised.

For this function Honourable Chief Guests are Deputy Chief Minister Shri. Ajit Pawar , Honourable Higher & Technical education minister Shri.Uday Samant and Honourable Nashik District foster minister Shri. Chagan Bhujbal.

Inaugral Function of Matoshri Girl Hostel was done by Honourable Deputy Chief Minister Shri. Ajit Pawar on 24 April 2022.

This Hostel is developed by Higher & Technical education Department under Late Yashwantrao Chavan Janm Shatabdi. This Hostel is specially for girls from economical weaker section, and for the girls from Sarhi ,Mahajyoti institute.



For this occasion, our II nd year Student Krushnkant Raut made sketch of Honourable Chief Guests Deputy Chief Minister Shri. Ajit Pawar.

Krushnkant Raut fallicited Honourable Deputy Chief Minister Shri. Ajit Pawar with this sketch.







## Students Achievements

### **Nashik District Level Research Paper Competition held by Electronics and Telecommunication department.**

Department of electronics and telecommunication held District Level Research Paper Competition on the occasion of 75 years of Indian Independence (**आझादी का अमृत महोत्सव**) in association with DTE, RO Nashik on 11 April 2022. Our Honorable Principal Prof.D.P.Nathe sir had guided and permitted to take this event. Chief co-ordinator of this event was Prof. G.K.Khursade, Head of Department IInd shift. Prof. Dr. P.V.Rathod Head of Department Ist shift supported this event.

Prof Dr. J.G.Joshi sir organized and co-ordinate this event. In this event Total 67 no. of students were participated from different Engineering, D-Pharmacy, B-Pharmacy and diploma engineering colleges of Nashik..

### **Following students are winners of this competition.**

First winner Group :

Sneha Bharat Patel, Dhanishtha Rahul Deore, D. D. Pawar.

Paper ID : IT-03

Paper Title : Embedded System for Wheelchair using IOT.

Name of College : K.K. Wagh Polytechnic Nashik.



Second winner Group :

Swati S.Pawar, Vivek D. Ugale, Aniket Kumavat  
Paper ID : EL-08

Paper Title: IOT in Hydroponics Review

Name of College : Sandip Institute of Technology and research center, mahiravani , Nashik.

Asit Bhate, Krushna Dhale, Dhanshri Nikam.

Paper ID : EL-10

Paper Title : Bow-Tie Shaped wearable printed slot dipole Antenna for GSM.

Name of College : GESS R.S.Sapat College of Engineering ,Nashik.



Third winner Group :

Rathod Heer Yuvraj, K. A. Jagtap.

Paper ID :ME 05

Paper Title : Electrochemical in process Dressing Grining.Name of College : Government Polytechnic Nashik.





## Students Achievements

### Regional Level Project Exhibition :

Regional Level Project Exhibition was held by Mechanical Engineering Department of Government Polytechnic Nashik.

Our Third Year student , Miss. Purva Sunil Yeshi secured first prize in this project exhibition. Her project is on PROTOTYPE OF AUTONOMOUS CAR, this project was guided by our prof. Dr. M.V.Patil.



In this Project, concept of Autonomous Car is designed and implemented. From this concept, we can understand the system, functions and implementation of Autonomous Car. concept of this project is rely on Embedded system , Machine learning Algorithm image processing and sensor technology .This Autonomous car is able to detect it, to detect road signs and follow it, to detect obstacles and avoid it, to detect lane end and make U-turn, etc. Using these functions Autonomous car is capable of taking right decisions while driving.



Project was Guided By Dr. M. V. Patil Sir.

Project Group Members are

- 1) 197150 : Suraj Ravindra Sonawane.
- 2) 197156 : Pranav Pramod Vispute.
- 3) 197157 : Purva Sunil Yeshi.
- 4) 197158 : Pallavi Prabhakar Chavanke.

**PROJECT TOPIC: - PROTOTYPE OF AUTONOMOUS CAR.**

**Abstact:-**

Transportation system facing various problems such as Traffic Movement and Congestion, Parking difficulties, Accidents and etc. So the concept of Autonomous car is introduced. Autonomous Car is a vehicle that is capable of sensing it's environment Implementation of autonomous cars will reduce the road accidents rate to great extent because human errors will be completely minimised .







## EVENTS

### Internal Hackthon-2022

#### About the event:

The Internal Hackathon-2022 conducted by Department of Electronics and Telecommunication Engineering on 28<sup>th</sup> March 2022, at 1.30 PM onwards at seminar hall. Department project coordinators Mrs. M. M. Shinde and Mr. V. P. Tayade conducted meeting of students and explained overall idea of Hackthon-22. Total five groups of third year students participated in the event. Students selected topics of their own interest and presented their ideas/solutions in front of jury panel. Dr. P. V. Rathod, Dr. J. G. Joshi and Dr.M. V. Patil worked as judge for this event. Two best ideas/solutions were finalized for institute level on the basis of idea and understanding.





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### Nominated top teams

#### Rank-1

	Name	Gender (M/F)	Email id
Team Leader	Abhijeet Rajendra Kothawade	M	abhikothawade13@gmail.com
Team Member	Shruti Vijay Dhatrak	F	shrutidhatrak27@gmail.com
Team Member	Sanskriti Sanjay Nikumbh	F	sanskritinikumbh645@gmail.com
Team Member	Suraj Ravindra Sonawane	M	surajsonawane050@gmail.com
Team Member	Pranav Pramod Vispute	M	Visputeprv66@gmail.com
Team Member	Purva Sunil Yeshi	F	purvayeshi@gmail.com

#### Rank-2

	Name	Gender (M/F)	Email id
Team Leader	Pranav Vijay Ahire	Male	<a href="mailto:vijayahire50020@gmail.com">vijayahire50020@gmail.com</a>
Team Member	Rohan Kailas Nikumbh	Male	<a href="mailto:rohannikumbh279@gmail.com">rohannikumbh279@gmail.com</a>
Team Member	Vedant Anil Khodake	Male	<a href="mailto:vedantkhodake28@gmail.com">vedantkhodake28@gmail.com</a>
Team Member	Tanvi Devidas Chavan	Female	<a href="mailto:tanvichavan197212@gmail.com">tanvichavan197212@gmail.com</a>
Team Member	Vidya Sanjay Deore	Female	<a href="mailto:Vidyadeore47@gamil.com">Vidyadeore47@gamil.com</a>
Team Member	Drashti Kantilal Bhakhar	Female	<a href="mailto:bhakhardrashti@gmail.com">bhakhardrashti@gmail.com</a>

#### Jury panel photo and relevant details:

Dr. P. V. Rathod	Dr. J. G. Joshi	Dr. M. V. Patil
Head of Department (Electronics and Telecommunication)	Lecturer (Selection Grade) in Electronics	Lecturer (Selection Grade) in Electronics
Government Polytechnic, Nashik	Government Polytechnic, Nashik	Government Polytechnic, Nashik
PhD (Electronics Engg.)	PhD (Electronics Engg.)	PhD. (Electronics and Communication Engg.)
Experience: 28 years	Experience: 26 years	Experience: 24 Years



The three most experienced and doctorate faculty of the department worked as Judges for this event. The participating teams elected the problems from hackthon-22 website.







## INDUSTRIAL VISIT

### Industrial Visit at Sivanand Electronics, Devlali, Nashik.

Industrial visit at Sivananda Electronics, Devlali, Nashik was organized for IIInd year students on 06 May 2022. Total no. of 150 students were visited the industry.

Industrial visit was organized by Prof. V.S. Thakre, Prof.P.D.Deshpande and Prof. M.D.Raut. Mr. Balasaheb Nimbalkar, Project Manager at Sivananda Electronics guided our students.



Sivananda Electronics has been manufacturing products with breakthrough technologies in India since 1970 in the field of Electronics Test & Measuring Instruments and Security Systems. 100% indigenous Metal detector was developed for the first time in India by Sivananda Electronics in 1975, using innovative design and supplied to every user in the Country including all National & International airports, para military forces, state police, customs, ordnance depots etc. We have developed Full Height Turnstile and Tripods for the first time in India in 1988. We have supplied 300 KMs of Electric Power Fence to Indian Army in record time of four months and installed at LOC at J & K. More than 150 different types of Electronic Test & Measuring instruments have been indigenously developed for industries in the field of power, cable, communication, petroleum

, railways etc, and are exported to more than 72 Countries. Product excellence reflects only one component of our customer commitment. Some of our esteemed customers are Nuclear power plants, BARC, Infosys Ltd, Wipro, Capgemini, Tata consultancy, DRDO, Prisons, Railway, Tata Sons, ICICI bank, state electricity boards, Navy, Air force, CISF etc. We have largest installed base for Turnstiles in India since last 25 years. All sites of Nuclear power plants, BARC & Heavy water plants are using our Turnstiles from more than 20 years. More than 400 turnstiles lanes are operational at these sites. More than 1000 Tripods are installed at various locations of Infosys Ltd all over India. We are the only Indian Company who have complete Entrance Control product range and number of turnstiles working for more than 15 to 20 years at different sites. As the Country's leading and trusted brand in metal detectors and Turnstiles, we supply state of art and value for money products and support each customer's most demanding needs. We are committed to corporate social responsibility and implement lot of unique initiatives in the field of hunger free town, education, food for all, and holistic medical therapies. Driven by Dynamic leadership of M K Birmani, our Managing Director who is graduate from IIT Kharagpur with a passion of research and innovative solutions.






## INDUSTRIAL VISIT

**Industrial Visit Strama Summitt machinery at Nashik. Visit on dated 27/04/2022...IIIEEL Strama Summitt machinery, Nashik.**



## Webinar

Government Polytechnic, Nashik, in Association with Directorate of Technical Education, Regional Office Nashik is organizing various programs to create awareness for Digital Literacy to mark its 75th Independence year celebration. A webinar on "Cyber Security" by Shri Tanmay Dikshit (Cyber Forensic Expert) is scheduled on **22nd February, at 3.30 PM.**



**Celebrating 75<sup>th</sup> Year of Independence**

**Digital Literacy Awareness Program**


*Organized By*  
**Government Polytechnic, Nashik**  
In Association with DTE, RO Nashik.

**Invites to an Webinar on "Cyber Security"**  
By Shri Tanmay S. Dikshit (Cyber Forensic Expert)

**Date: 22<sup>nd</sup> February, Time: 3.30 to 4.30 PM**  
**Link\*: <https://www.tanmay.pro/gpn.html>**

<b>Convenor</b> Smt. Tejaswari Pawar	<b>Co-ordinator</b> Dr. Prerana V. Rathod	<b>Chief Co-ordinator</b> Prof. Dnyandeo P. Nathe
<b>Lecturer</b> Information Technology	<b>Head of Department</b> Electronics & Telecommunication	<b>Jt. Director (DTE, RO Nashik)</b> Principal, Government Polytechnic, Nashik

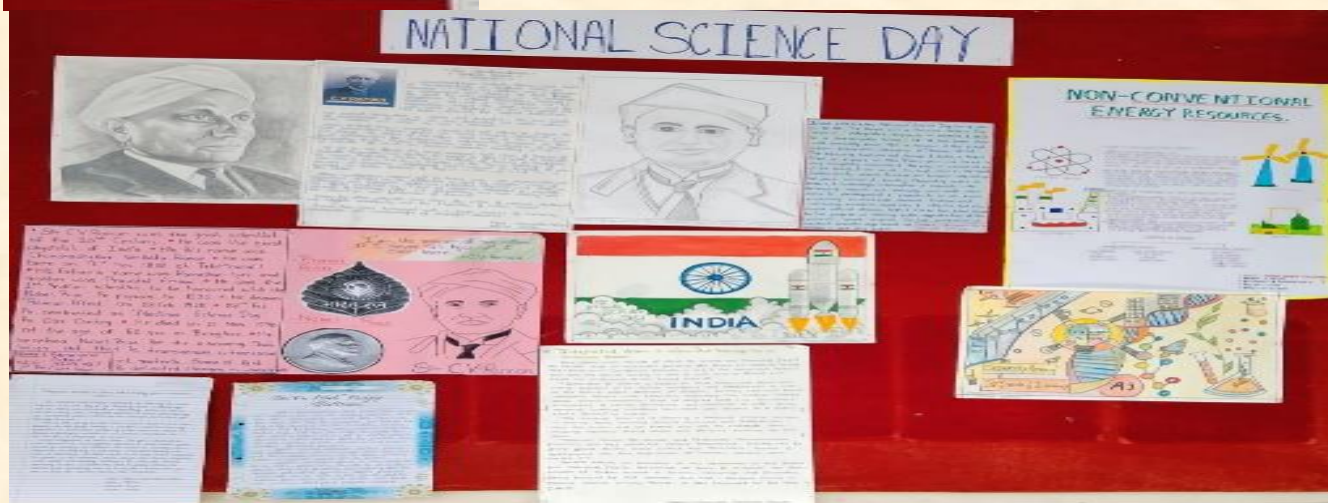
\*Please fill the information after clicking the link. You will be directed to YouTube Channel for the talk.







## Wall Magazine





## Expert Lectures For Students

### Expert Talk on “Enterprenuership Development”.

Expert lecture on Enterprenuership Development” was organised by our department at 26 April 2022, at APJ Hall. The Expert Faculty was Mr. Kaustubh Mehta, Director at Metaforge Engineerin Pvt Ltd.



This lecture was organised for our second year students by HOD Dr. P.V.Rathod madam. Mrs S.A. Waghulade and Mrs P.S.Cheke were coordinate this expert lecture.

## Workshop For Students

**Following workshops were organised in year 2022.**

Use of Canva Online Tool	I/EL (FS&SS)	Prof.Swati Sinha Professor	25/02/2022
Yoga	II/III EL (FS&SS)	Smt.Pradnya Patil Yoga Teacher Vipshyana Centre, Igatpuri	08/03/2022
Self Defence and Protection Guidance Training	II EL RS/SS [Girls Only]	Ankita Vijay Bane	23/03/2022





## Workshop For Students

### CCTV System and Installation Workshop for Second and Third year Students.



This workshop was conducted by Experts Shri.Sunny Suryavanshi and Shri.Rahul Sonawane on 31 March 2022 .



Our Faculty Members Prof. Mr.V.S.Thakare , Prof. Mr.P.D.Deshpande, Prof. Mr.M. D.Raut and Prof. Mr. S.R.Devkate coordinated this workshop.



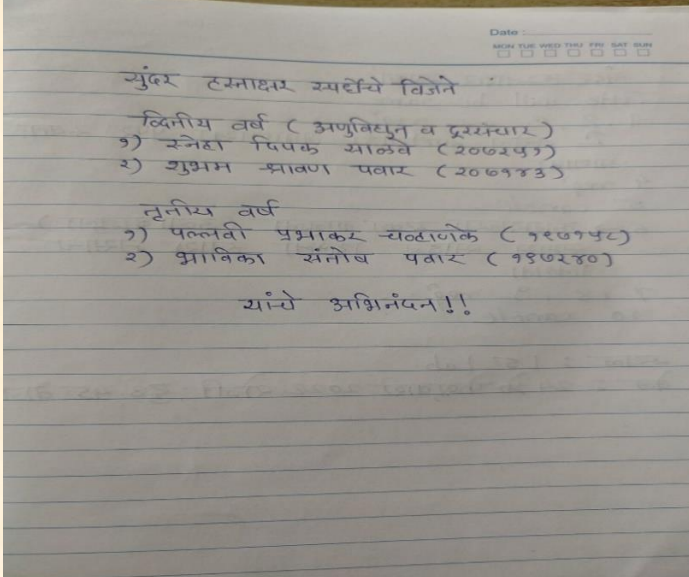
All Third and Second year students actively workshop participated in CCTV system and installation and Installed whole HD DVR setup and IP NVR setup also.





## “Sundar Hastakshar competition”

Our department organised “Sundar hastakshar competition” competition on the occasion of Marathi Bhasaha week. All Electronics & Telecommunication students were participated actively in this competition.





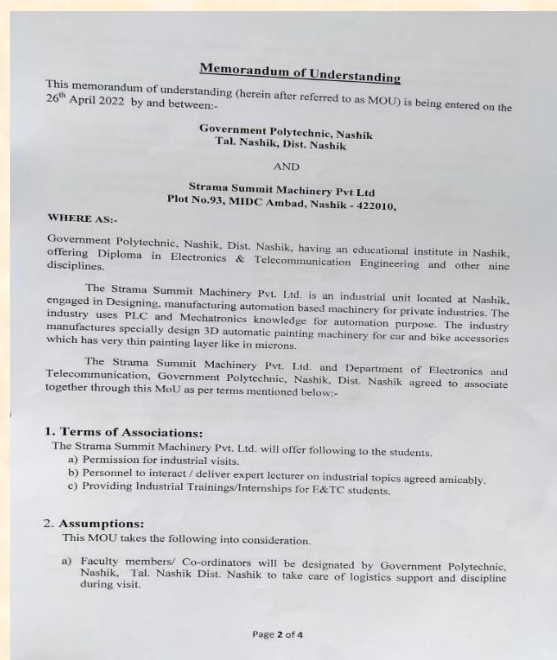
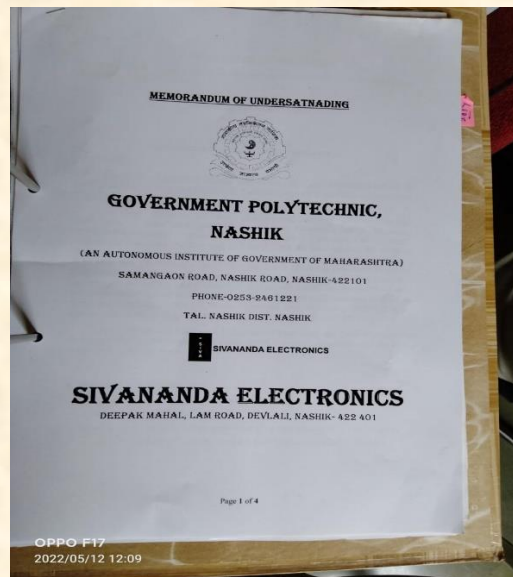


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## MOU

- MOU with Strama Summitt machinery, Nashik
- MOU with Sivananda Electronics, Devlali, Nashik
- MOU with Vishvjeet Infosys Nashik.





## Faculty Achievements

- Our HOD Dr. P.V.Rathod was invited as judge at Guru Govind Singh Polytechnic, Nashik for the district level project competition association with DTE, RO Nashik on 09 March 2022.



**Prof. V.P.Tayade organised Pilot Workshop on Open PLC for the regional level faculties, conducted by IIT Mumbai.**

- Worked as Reviewer for IEEE International Region 10 Symposium TENSYP 2022.
- Coordinator for District Level Online the Research Paper Competition organized on the occasion of 75th Anniversary of Indian Independence.
- Delivered a Introductory Lecture on "Robotics" to the Students at Clifford International School Nashik.







## Faculty Achievements

### Best Research Paper Award for the Research Paper to Prof. Dr. J.G.Joshi sir.

It's proud of our department that Best Research Paper Award for the Research Paper titled "Compact Z-Shaped Flexible Microstrip Antenna for UHF ISM Band Application" in AICTE Sponsored First International Conference on "Recent Trends in Engineering Science, Technology and Management (IC-RTETM-2022)" Organized by Guru Gobind Singh Polytechnic Nashik (MS), India was received by Prof Dr. J.G.Joshi.

