



Shri Siddheshwar Devasthan Trust's

# Shri Siddheshwar Women's Polytechnic, Solapur. **NEWSLETTER**

VOL -29<sup>TH</sup> Edition (July 2024 - October 2024) Vol- I

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**Shri. Dharmraj A. Kadadi**

## President's Desk

**"Education is the movement from darkness to light".**

A very warm welcome in Shri Siddheshwar women's Polytechnic, Solapur. The institute has now become one of the most renowned education centre in Maharashtra and attracts students not only from the Solapur city but also from all over Maharashtra. The college is consistently hardworking to achieve highest quality in every sphere of activity to shape student's future.

The discipline of our college has a long and distinguished history of developing state-of-the-art technologies. Ever since the establishment of this institution, our primary goal for diploma students is to train future leaders with high-quality education. The attempt is to provide our students with a cheerful, productive, and satisfying experience at all levels of their programme of studies to explore the amazing world of Engineering.

We have qualified, dedicated and senior experienced faculty which have attended 14 various types of faculty development programmes, published 32 technical research papers and 4 faculties received ELITE grade out of 5 faculties appeared for NPTEL courses. Our students won 10 national and 2 state level prizes in various competitions like paper presentation, poster presentation and especially I want to appreciate an achievement of third year Civil Engineering students who secured 2nd prize in state level project competition "DIPEX 2K24". Also, our students are winners in various state, district and inter zonal sports competitions.

With Best Wishes!!!



**Prof. Gajanan R. Dharane**

## Principal's Desk

**"The beautiful thing about learning is that no one can take it away from you."**

It's my pleasure to welcome you in Shri Siddheshwar women's Polytechnic, Solapur. This institute established in 2009, which is one of the reputed Polytechnic in Maharashtra. Shri Siddheshwar Women's Polytechnic, Solapur has qualified, passionate and committed faculty and staff members to ensure all round development of the students. Our institute is focused to build lifetime learning attitude and make them capable to success in the complex competitive world in which they enter. Our alumni are doing well on all fronts at national and international levels too, being pride for us.

Our vision of academics for students is not only limited to provide technical skills but also to improve their overall personality for which the institute is providing the platform to excellence in sports and extra co-curricular activities. We also focus on providing maximum job opportunities for students who are interested in the placement. Also giving them platform to establish their own ventures.

We feel very happy as our institute became organization centre for "Acharya Chanakya Skill Development Centre" online opening programme. Also, I proud to say our institute has organized state level E-CAR race competition in collaboration with ISTE, New Delhi and ELECTROTECH state level paper presentation competition sponsored by MSBTE, Mumbai.

With Best Wishes!!!

## EXPERT LECTURES

The world of education is changing tremendously, owing to modern requirements and much-needed changes. Conventional methods of Education need to be changed to adapt to current conditions that are way different from the requirements about a decade or two ago. One of the most effective and evergreen methods in Education Institutions is Guest lectures.

**Expert lecture on "Estimating and Costing" by Er. Shraddha Ghodake.**



06-09-2024: Civil Engineering department arranged the Expert lecture on **"Estimating and Costing"** by Er. Shraddha U Ghodake (Junior Engineer PWD, Parbhani, Maharashtra) for Third year students. She explained how to identify and analyze well-defined engineering problems using codified standard methods. This lecture was co-ordinated by Ms. Harsure M.S.

**Expert lecture on "Software Testing" by Ms. Niveda Gotipamul.**



06-09-2024: Computer Engineering department organized Alumni Expert lecture on **"Software Testing"** by Ms. Niveda Gotipamul (Software Test Analyst, Amdocs, Pune) for Third year students of Computer Engineering and Information Technology dept. The outcome for this lecture follows How to apply various software testing methods, how to prepare test cases for different types and levels of testing. This lecture was co-ordinated by Ms. Zipare M. M.

**Expert Lecture on "Disaster Management Against Electric Shock" by Dr. Prashant Renake.**



12-08-2024: Electrical Engineering department organized Expert lecture on **"Disaster Management Against Electric Shock"** by Dr. Prashant Renake (Consultant at Aswini Sahakari Rugnalay, Solapur) for Second year and Third year students. The outcome for this lecture follows safe working practices when undertaking electrical work. This lecture was coordinated by Ms. Kamble K. M.

**Expert lecture on "Two Port Network" by Prof. Amruta Nimbargikar.**



09-08-2024: Electronics & Telecommunication Engineering department arranged expert lecture on **"Two Port Network"** by Prof. Amruta Nimbargikar (Assistant Professor, SSWCOE, Solapur) The course outcome of the expert lecture was determine the circuit parameters of two port network. This lecture was coordinated by Ms. Mashalkar S. D.

**Expert lecture on "Exploring Career Opportunities in Government" by Ms. Dipti Ghodake.**



06-09-2024: Information Technology Department organized Expert lecture on **"Exploring Career Opportunities in Government"** by Ms. Dipti Ghodake (Trainee Engineer in the Ministry of DRDO) for third year students of Computer Engineering and Information Technology dept. She explained the importance of competitive exams, hard work to achieve or goal and grab the opportunities that will come in future. This lecture was co-ordinated by Dr. Neeta Alange.

**Expert lecture on "Women Health Awareness" by Dr. Rashmi Biradar.**



01-10-2024: Medical Committee organized Expert lecture on **"Women Health Awareness"** by Dr. Rashmi Biradar (Consultant Dermatologist, Solapur), for first year students. The outcome for this lecture is to educate students to live healthy life. This lecture was co-ordinated by Mr. Vyas S. N.



### Expert lecture on "Women's Self-Defense" by Ms. Anita More and Mr. Nitish Kharat.



09-10-2024 to 10-10-2024: Grievance committee organized expert lecture on "**Women's Self-Defense**" by Ms. Anita More (Mahila Police Amaldar, Solapur) and Mr. Nitesh Kharat (Head Constable, Solapur) for all year students. Officer More emphasized the "I Am Safe, the Country Is Safe" campaign, the importance of dialing 112, and raising awareness about cyber security and child safety regarding "good touch" and "bad touch". This lecture was co-ordinated by Ms. Rampure A. S.

## INDUSTRIAL VISITS

Industrial visits provide students an insight into the real working environment, workstations, plants, assembly lines, machines, systems, and interact with highly trained and experienced personnel. Students get to learn a lot of things that will help in their development and also for the future.

### Visit to "Hipparga Dam", Solapur



06-09-2024: Civil Engineering Department arranged the visit to "Hipparga Dam", Solapur for third year students. Student learned about understanding of the relevant diversion head works for the specific site condition, design construct and maintain simple canal structures.

### Visit to "Nilkanth Co-Op. Bank Ltd.", Solapur



19-09-2024: Computer Engg. dept. arranged visit to "Nilkanth Co-Op. Bank Ltd.," Akkalkot road, MIDC, Solapur for second year students. Students learned about usage of database management system, in bank and how to fetch data from database etc. The outcome of the visit is to understand real-world application and modern technologies.

### Visit to "Span Electromech", Solapur



27-07-2024: Electrical Dept. arranged Industrial visit to Span Electromech Akkalkot Road, M.I.D.C., Solapur for third year students. In this visit they learned about Assembling process of electric control panel. The objective of the visit was understanding modern technologies used in electrical engineering.

### Visit to "Bhabha Atomic Research Centre, Mumbai" and "Adani - Dahanu Thermal Power Station, Mumbai"



04-09-2024 & 05-09-2024: E & TC dept. organized industrial visit to Bhabha Atomic Research Centre, Mumbai and Adani - Dahanu Thermal Power Station for third year students.

In BARC students got the practical introduction and contribution of nuclear energy and its potential applications in biomedical research, Agriculture research, food security, material sciences, nano technology, waste management, energy security, crime detection, use of radioisotopes and tele therapy. Students also visited ASIA's 1 km longest Multi disciplinary Lab in BARC.

Adani - Dahanu Thermal Power Station (ADTPS), is one of the best power generation plants in the country. This power plant is known for its distinctive features like technological innovation, superior performance, continuous sustain ability for a longer period and 250MW+250MW pollution free generation. Students observed and understood all the details of a thermal power plant structure and it's working.

### Visit to "Ujani Hydro Power Plant", Solapur



13-08-2024: Civil Engineering, Electrical Dept. and Information Technology dept. arranged the visit to "Ujani Dam", Solapur for second year and third year students to understand the various components of dam, structure of dam and observed the operation of hydraulic pump for diverse applications and also understand the Environmental studies concepts.



## TECHNICAL WORKSHOPS

### Technical Workshop on Construction Management Techniques



02-09-2024: Civil Engineering department arranged two days workshop on "Construction Management Techniques" by Er. Chetan S. Loni (Director, ConBrain Consulting, Pune) for second year and third year students. He explained how to perform optimal civil engineering construction, planning and designing activities of desired quality at optimal cost. Also, students learned feasibility analysis of the project and how to apply the relevant scheduling technique in the given situation to decide the ethical element of the project.

### Technical Workshop on JDBC and Servlets



22-10-2024 to 24-10-2024: Computer Engineering and Information Technology department organized three days workshop on "JDBC and Servlets" for third year students. The workshop was conducted by Mr. Bhavik Shah (CEO, R. B. Tech services, Ahmednagar), Mr. Rushiraj Birajdar (Web Developer) and Ms. Siddhi Agarkar (Web Developer). In this workshop students learned about Networking, Database connection, Servlets and JSP concepts using Java.

### Technical Workshop on Solar Panel Installation



30-08-2024 to 31-08-2024: Electrical Engineering Department has arranged two days technical workshop on "Solar Panel Installation" for second year students. Workshop was conducted by Mr. Anjiky Sathe (Director, Rajvardhan Electrical Engineering and Technokite Engg., Solapur). In this workshop student learned about Installation of solar panel, Calculating rating of required solar plant and Protection schemes used for solar.

### Technical Workshop on MATLAB, Coding & Simulation



02-09-2024 to 03-09-2024: Electronics & Telecommunication Engineering department organized two days "MATLAB, Coding & Simulation" workshop for second year students. The workshop was conducted by Prof. Dnyaneshwar S. Waghmode (Assistant Professor & HOD of Electrical Engg. dept, SSWCOE, Solapur) and Prof. Jayshree A. Patil (Assistant Professor of Electrical Engg. dept, SSWCOE, Solapur). They covered about matlab coding & simulation, how to solve circuit & network numerical using matlab, circuit designing, doing circuit analysis Mesh, Nodal and solve different theorems like Superposition, Thevenin, Reciprocity.

### STATE LEVEL E-CAR RACE COMPETITION- 2024



19-09-2024: E & TC dept. organized State Level E-CAR Race Competition- 2024 in collaboration with ISTE, New Delhi along with E-TESA Local Chapter. The competition invited the E-Cars that were Arduino based and Wireless. Prof. Suryaji Kale (HOD Mechanical Engg. dept, NKOCET, Solapur) was Chief Guest for inaugural event. Mr. Ashwin Abhang (Director, CATRONIX, Solapur), Mr. V. S. Khillare (HOD, E&TC dept., SVSDM Akalkot) and Mr. S. S. Narkhede (Lecturer, SSWP, Solapur) were the judges for event.

Dr. Narendra Katikar (ISTE Co-ordinator) was the chief guest for prize distribution function. Total 52 participants from various polytechnic institutes participated in this event.

### ELECTROTECH-2024



25-09-2024: Electrical Engineering Department of Shri Siddheshwar Women's Polytechnic, Solapur has organized MSBTE, Mumbai sponsored State Level Technical Paper Presentation Competition "ELECTROTECH-2024" on 25th September 2024 for Electrical group under Pune region. Event was inaugurated by auspicious hands of Chief guest Mr. Balaji M.K. (Vice President, UltraTech Cement, Hotgi, Solapur), Mr. Gururaj Malage (Governing Body Member), Mr. Mallinath Masare (Governing Body Member), Prof. Gajanan Dharane (Principal), Dr. Neeta Alange (Head of IF dept. ), Ms. Pratibha Patil (Head of EE dept.) & all HODs. Total 26 groups were selected out of 42 entries by scrutiny members. Chief Guest for Prize distribution ceremony was Mr. Shridhar Chavan (Proprietor of Renuka Engineering Works, MIDC, Solapur).



## INAUGURATION OF ACKVK



The inauguration function of "Acharya Chanakya Kaushal Vikas Kendra" at Shri Siddheshwar Women's Polytechnic, Solapur was done by auspicious hand of Hon'ble Shri. Dharmraj Kadadi (Chairman, Shri Siddheshwar Devasthan Trust) in presence of Shri Mallikarjun Masare (Governing Body Member), Shri Kashinath Dhole (Industry Representative), Shri Shantling Swami (Social Worker), Shri Deepakdada Aalure (Social Worker), Shri Santosh Gaikwad (Social Worker), Shri Gajanan Dharane (Principal), all HODs, Faculties and students. Two courses 1. Solar LED technician 2. Domestic data entry operator inaugurated at college.

Hon'ble Shri. Dharmraj Kadadi addressed that all the students should take the benefits of these courses to enhance their knowledge and more students should register for such kind of courses. He also suggested to principal sir to organize more such types of skill development courses to increase employability of student.

## NEWSLETTER PUBLICATION



12-07-2024: The newsletter volume 28th edition (March 2024 - June 2024) Vol-III was published in presence of chief guest Hon'ble Shri. Dharmraj Kadadi (President, Shri Siddheshwar Devasthan Trust), Shri. Gururaj Malage (Governing Body Member), Shri. Mallinath Masare (Governing Body Member), Shri. Kashinath Dhole (Industrialist Member), Prof. C. B. Nadagouda (Governing Body Member), Prof. Gajanan Dharane (Principal), Dr. Neeta Alange (HOD Representative), Shri. Shreyas Aland (Lecturer Representative) and Ms. Manjusha Zipare (Editor of Newsletter) with team members.

## CULTURAL ACTIVITIES

### Independence Day



15-08-2024: Celebration of 78th Independence Day in the presence of Shri. Gururaj Malage (Governing Body Member), Shri. Mallinath Masare (Governing Body Member), Prof. Gajanan Dharane (Principal) and Ms. Asawari Kshirsagar (CO6I) Topper of A.Y. 2023-24 along with her parents were chief guests for the program.

### Dahihandi 2K24



26-08-2024: On the occasion of Krishna Janmashtami "Dahihandi 2K24" event was celebrated by students of all departments in presence of Gajanan Dharane (Principal), HODs & Faculties.

### Fresher Fest 2K24



21-09-2024: Fresher Fest 2k24 arranged for all first-year students to make new friends and get familiar with the college. Ms. Diya Patel (EJ1K) awarded as Miss. Fresher 2k24 through Introduction, talent and Quiz rounds.

Additionally, secretaries for A.Y 2024-25 was announced comprising Ms. Sanjana Bammange (CO5I) as General Secretary, Ms. Sanskruti Kulkarni (EJ5I) as Cultural Secretary, Ms. Vaishnavi Kokate (EE5I) as Sports Secretary, Ms. Mrinal Ekbote (CE5I) and Ms. Prachi Lokhande (IF5I) as Magazine Secretary.

### Navratri Festival



10-10-2024: Navaratri is an annual Hindu festival celebrated in honour of the goddess Durga. Deepali Kalyanshetti & Punam Dargad were invited as a guest for Dandiya competition. First prize secured by Computer Engg. dept and second prize secured by Information Technology dept. The appreciation prize was given to Electrical Engg. dept for Navdurga Act. On last day Khadenavami Pooja was done in all laboratories. This event was co-ordinated by Cultural team.

## ACTIVITIES BY NSS

### Mahakalyankari Atirudra Swahakar Event



01-09-24: NSS Volunteers attended "Mahakalyankari Atirudra Swahakar" event at Shri Basavarudh Mahaswamiji Math, Solapur in co-ordination with Ms. Pratibha Patil (NSS Head) and Mr. Mane S.S. (NSS member).



## Har Ghar Tiranga Rally



14-08-2024: National Service Scheme of Shri Siddheshwar Women's Polytechnic has organized a "Har Ghar Tiranga" rally. The main motive behind this rally was to keep the memory of the freedom struggle alive, the social reformers/revolutionaries should be cleaned and sandalwood should be offered to the statues of the social reformers/revolutionaries in their locality to remember the various events that happened in the freedom struggle. All students, Faculties and Staff participated in the rally.

## Rally of Chhatrapati Shivaji Maharaj Katha



19-9-2024: NSS volunteers attended inauguration rally of "Chhatrapati Shivaji Maharaj Katha" held from Balives to Juni Mill compound, Solapur.

## HB Testing, Random Sugar and BP checkup Camp



26-09-2024: Health camp arranged at Shri Siddheshwar Women's Polytechnic, Solapur by Skilletz Foundation, Pune. In this camp HB testing, Random Sugar and BP checking was done. The number of beneficiaries was 170.

## Vaccination of TD for First year students



07-10-2024: NSS committee arranged vaccination of TD for first year students in co-operation with UPHC, Jodhavi Peth, Solapur. The number of beneficiaries was 180.

## New Voter Registration Camp



15-10-2024: Collector Office, Solapur arranged program of New Voter Registration in SSWP Solapur who has completed 18 years for upcoming Vidhansabha Election of Maharashtra State. In this program student registered their name for Electoral roll online as well as offline.



## TPO ACTIVITIES

### Expert lecture on Career Guidance



13-08-2024: Expert lecture arranged on "Career Guidance Program" by Mr. Virbhadrappa Kalburgi (Robotics Research Associate, Singapore) for third year students of all department. He shared practical experiences and success stories that illustrate the realities of various careers, helping individuals understand what to expect and how to navigate their career paths and he highlighted key skills and qualifications needed for success in their field, guiding attendees on which skills to develop or focus on, etc.

### Campus Selection in EATON, Pune



### Soft Skill Sessions

#### Session on Communication Skill



20-07-2024: A session on Communication Skill conducted by Mr. Malewadi S.A. (I/C HOD HS dept.) for third year students of all department



## Expert lecture on Financial Education



05-09-2024 : Dr. Rajshekhar Yelikar (Certified financial education trainer SEBI) conducted training program on Financial Education for staff and parents.

## TECHNICAL ARTICLE

## Future Trends In Radar And Antenna Technology



**Ms. Thokade A.R.**  
(Lecturer, ENTIC Dept.)

Radars and antennas go hand in hand - without an antenna, a radar is useless. Some radar designs use multiple stationary antenna arrays instead of a single rotating antenna, but they still require antennas to transmit and receive the signals. Future advancements focus on digital and cognitive systems for enhanced performance. The antenna's performance is based on its ability to detect the exact direction of an object. The antenna's size determines the

beam angle, with longer antennas producing narrower beams that can better distinguish between nearby objects.

Radar uses antennas to both transmit and receive radio waves. First, the radar antenna transmits pulsed electromagnetic waves into the environment, usually in the microwave range. These waves travel outward and can reflect off objects, creating echoes. The same antenna then receives the reflected echoes from the objects. By analysing the time it takes for the echoes to return, the radar can determine the distance to the detected objects.

The future of radar technology is moving toward digital, software-defined, and cognitive systems. These systems will use the latest semiconductor, signal processing, and antenna technologies to provide more advanced features. The development of radar technology continues to advance on multiple fronts, driven by both military and civilian applications. Smaller, more efficient and scalable radar components are enabling more compact and flexible radar systems. Increased demand for FPGAs, processors, and high-speed ADCs/DAC, components like high-speed RAM, solid-state drives, and embedded computers.

New test and measurement equipment is required to keep up with the increased agility and programmability of modern radar systems, including real-time spectrum analyzers, advanced signal generators, etc, to detect targets. Radar is not only getting more sophisticated, it is ramping up to provide global coverage and persistent monitoring capabilities, making them valuable for various applications including surveillance, environmental monitoring, and disaster management. Advances in satellite technology, radar miniaturization, and launch capabilities are driving the development of space-based radar systems with improved resolution and coverage.

These are just a few of the many technological advances being made with radars. Others include:

**1. Digitalization and Software-Defined Radars:** Radars are transitioning from legacy analog systems to new digital, software-defined architectures.

## Entrepreneurship Development Workshop



05-09-2024: Entrepreneurship Development Workshop conducted by Shri Surendra Shirkoli (Director, Aadarsh Suzuki, Solapur and Pandharpur) and Shri Dinesh Ayyer (Startup and Innovation counsellor) arranged by EDP Cell in association with Swavlambi Bharat Abhiyaan.

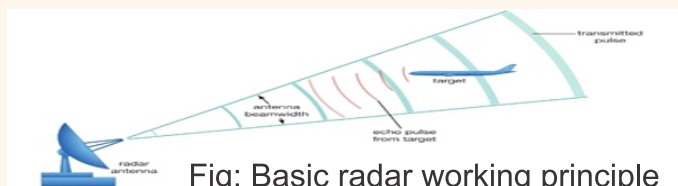


Fig: Basic radar working principle

**2. Passive and Multistatic Radar:** Radars that utilize existing electromagnetic transmissions, like FM radio or digital TV signals, rather than generating their own signals are being developed. These "passive" radars offer a stealthy, low-power alternative for applications like air traffic monitoring.

**3. Cognitive and Machine Learning-Enabled Radars:** The increased computational power of modern FPGAs allows the integration of machine learning techniques into radar systems. This enables cognitive radars that can automatically adapt their operating parameters.

**4. Solid-State and Frequency-Stable Transmitters:** Replacing traditional magnetron transmitters with solid-state transmitters provides instant power-up, higher reliability, lower power consumption, and frequency stability - improving detection capabilities.

Smart antennas are another developing technology resulting in antennas that can dynamically adjust their radiation pattern or other characteristics to optimize performance, improve signal quality, and mitigate interference. Also known as adaptive array antennas, digital antenna arrays, multiple antennas, or MIMO, smart antennas are antenna arrays combined with smart signal processing algorithms for identifying spatial signal signatures such as the direction of arrival of the signal.

Smart antennas, can improve the signal-to-interference ratio. They also have directionality that allows them to focus energy toward the intended user, rather than wasting it in unnecessary directions. They also can locate users which enables features like geo-location services and offer enhanced security.

There are two main types of smart antennas, a switched-beam system that chooses from a set of predefined beam patterns to enhance the received signal and an adaptive array that can dynamically steer the beam to the direction of interest while nulling interfering signals. Overall, smart antennas leverage advanced signal processing to optimize antenna performance, increase efficiency, and enable new capabilities like improved coverage, interference reduction, and user tracking.



## FACULTY ACHIEVEMENTS

- Ms. Zipare M.M. and Mrs. Talekar S.S. (IF dept) attended Faculty Development Program on 'Integrating Skills in Curriculum' organized by Punyashlok Ahilyadevi Holkar Solapur University, Solapur from 23rd Sept to 27th Sept 2024.
- Mrs. Kerurkar K. S. and Ms. Savalgi S.C. attended FDP on 'Technology in Higher Education for Active Learning' organized by Symbiosis International (Deemed University) Lavale, Pune from 1st June to 6th June 2024.
- Ms. Deshmukh R. A. and Ms. Lokhande N. B. attended Faculty Development Program on 'Assessment and Evolution in Higher Education' organized by MIT-ADT University, Pune from 26th August to 30th August 2024.
- Mrs. Talekar S. S. and Mrs. Dasari P. P. attended Faculty Development Program on 'Recent Trends in Computing 4.0' organized by Vishwakarma Institute of Technology, Pune from 8th July to 13th July 2024.
- Mrs. Talekar S. S. and Ms. Durshetti R. R. has completed one week FDP on "Recent Trends in Computing 4.0" organized by VIT, Pune from 8th July to 13th July 2024.
- Mr. Gauda P. B. published research paper on "Nine Level Switched Capacitance Multilevel Inverter for Renewable Energy Applications" in IRJMETS.
- Mr. Mane S.S. completed 8 weeks NPTEL online certification course on "Power System Protection and Switchgear"
- Mr. Gauda P. B. and Mr. Mane S.S. have attended five days Industrial Training Programme on "Selection of LV Switchgear and Applications" at L & T Training Center MIDC, Bhosari Pune from 7th Oct to 11th Oct 2024.
- Mr. Shivgunde P. P. (HOD E&TC) developed New K Scheme Curriculum of Basic Power Electronics.
- Ms. Thokade A. R. developed New K Scheme Curriculum of Microwave & Radar MSBTE courses.
- All faculties of E&TC department completed 5 days Online Faculty Training on ABPLC organized by The World of Automation, Pune from 10th August to 14th August 2024.
- Mr. Menase P. P. participated in "Industry Institute Interaction Meet-2024 (Solapur Region)" on 21st August 2024.
- Mr. Shivgunde P. P. (HoD E&TC), Mr. Vyas S. N. and Ms. Mashalkar S. D. attend one day Symposium on "Pursuing the Journey of Doctoral Research (PhD) in Engineering" organized by VVPIET on 31st August 2024.
- Ms. Wale P. S., Ms. Thokade A. R. & Ms. Mashalkar S. D. attended 5 days National level FDP on "AI Innovation & Matlab Solution" organized by PCCOER, Pune from 23rd Sept to 27th Sept. 2024.
- Dr. Neeta Alange (HOD IT) has completed one week workshop for finalization scheme and detailed course content development, question paper profile creation for 5th semester under 'K' scheme for Operating System using Linux subject organized by MSBTE, Pune held during 5th August to 9th August 2024.
- Mr. Patange R. V. and Mr. Hiremath S.S. has successfully completed five-days (22nd July to 26th July 2024) FDP on "Exploring Multidisciplinary: What, Why &How" by Maharashtra State Faculty Development Academy, Pune.
- Mr. Patange R. V. published research paper on "Water Floating Wastage Cleaning Machine" in IRJMETS.
- Mr. Shrishail A. Malewadi (HOD H&S) published a research paper on Thematic Concerns in The Plays of Sri Aurobindo.
- Ms. Keshetti P.S. completed 8 weeks NPTEL-AICTE FDP on "Introduction to Abstract and Linear Algebra"
- Mr. Chatake A.S. honored with Nation Builder Award by the Rotary Club of Solapur Pride on 5th Oct 2024.

## STUDENT ACHIEVEMENTS

- Ms. Gouri Shirgure & Ms. Sakshi Suryavanshi (CE5I) got 2nd rank with cash prize rupees 1000 in Bridge Making Competition National Level Technical Events by SVERI's College of Engineering Pandharpur.
- Ms. Samrudhi Waghmare (CE5I) Runner up with cash prize rupees 1000 in CAD race Competition State level technical symposium by Shivaji Polytechnic college, Sangola.
- Ms. Vennella Dussa & Ms. Nandini Nazare (CE3K) got 1st rank in Poster Presentation Competition College Level Technical Events Creat IVIL- 2k24 by Civil Engineering Student Association.
- Ms. Bhanu Meragu (EE5I) and Ms. Anushka Meragu (EE3K) secured 2nd price in Poster Presentation competition in OLYMPUS 2k24 National level event held at SVERI's College of Engineering Pandharpur.
- Ms. Gaurabai Surwase (EE5I) secured Runner Up Position in Banner Making competition in ITECH-2k24 event held by Information Technology Department on Engineers Day.
- Ms. Divya Birajdar( EJ5I) got FIRST Prize in CIRCUIT SUDOKU (Cash Rs.2000/-) Techustav-2K24 organized by Shivaji Polytechnic College Sangola.
- Ms. Tejaswini Netalkar( EJ5I) got FIRST Prize in Technical Paper Presentation (Cash Prize Rs.2000/-) organized by Shivaji Polytechnic College Sangola.
- Ms. Shravani Bhandare and Ms. Snehal Dhanvade( EJ5I) got Second Prize in Technical Poster Presentation Competition(Cash Rs.1500/-) organized by Technofest-2K24

### VISION

- To rear universally competent women engineers who serve as harbinger to cause speedy development of humanity in general and welfare of our nation in particular.

### MISSION

- To promote a safe, creative, dynamic community that nurtures & educates Women, imparting state-of-the-art technical education with the skills necessary to succeed in a fast changing society in the 21<sup>st</sup> century.
- To impart world class education in the sphere of diploma engineering in various branches.
- To induce analytical, creative, critical and independent thinking.

### GOAL

- To create world class women engineers.



Editor's  
Desk

**Ms. Zipare M. M.**

Lecturer in  
Computer Engineering Department

Dear Readers,

It is with great pleasure that we bring out the latest edition of our institute newsletter. This edition includes the various technical, cultural events, TPO & NSS activities, technical article by faculty, faculty and student achievements. We welcome your feedback and suggestions that will help us to improve and enhance our newsletter in future. I am grateful to Hon'ble Shri. Dharmraj Kadadi Sir, President, Shri Siddheshwar Devasthan Trust, Solapur and Shri. Gajanan Dharane, Principal for their valuable guidance. I would like to thank editorial team who contributed to publish this edition successfully.