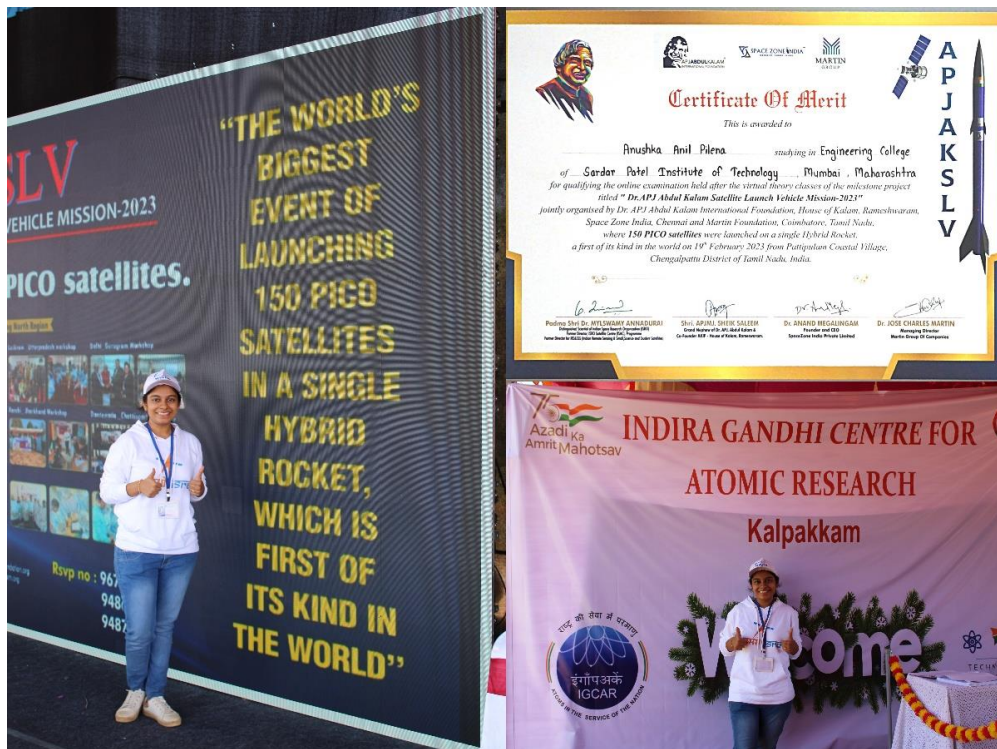


**Sardar Patel Institute of Technology**  
**(An Autonomous Institute Affiliated to University of Mumbai)**  
**Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India**

**Faculty & Students Achievements 2022-23**



Received prestigious Industry award for student's project at "The Inventors Challenge-2022" by Arm Education and STMicroelectronics with support from AICTE's ATAL



Participation at National level "Dr. APJ Abdul Kalam Satellite Launch Vehicle Mission-2023"



**Received award at National level “Chanakya Competition” conducted by IIM Indore.**

### **Faculty Awards/Recognition**

- .Dr. Sudhir Dhage received Best paper award for the paper entitled 'Multiclass classification of Histology Images of Breast cancer Hybrid Deep Learning approach" at ICEI 4.0-2022.
- Dr. Sudhir Dhage received Best paper award for the paper entitled 'emergence of capsule network for automatic medical disease classification ' IEEE conference SPICON 2022 organized by S.P.C.E. and S.P.I.T., Mumbai.
- Dr. Sudhir Dhage is nominated as a distinguished Jury Member and expert speaker at Cyber Security Award to be organized by CSI Cyber, FIFC'23 Event at IITB.
- Dr. Sujata Kulkarni received Best paper Award on “Analysis of Seismic Signal and Detection of Abnormalities” at international conference on Computational Intelligence Paradigms (CLIP2022), which was organized at NIT, Tiruchirappalli.
- Dr. Sujata Kulkarni received grant from IEEE Bombay Section for sponsored one week faculty development program (Capacity Building program) on “Blockchain Technology: Future of Cybersecurity for 2023.24.
- Dr. Narendra Bhagat received Best Paper Award at 7th International Conference ICIRTE 2022, Vasantdada Patil Pratishathan's College of Engineering and Visual Arts, Mumbai
- Dr. Rajendra Sutar received Best Project Award at ATAL IDEA Lab Advanced FDP on “ELECTRONIC SYSTEM DESIGN” conducted by K.S. RANGASAMY COLLEGE OF TECHNOLOGY (Autonomous) Tiruchengode – 637 215. Namakkal Dt. Tamil Nadu, INDIA.
- Prof. Priya Deshpande received Best Project Award for the Project titled “Structural Monitoring of Road Conditions” among 258 ideas across the Nation at “The Inventors Challenge-2022” organized by Arm Education and STMicroelectronics with support from AICTE's Training and Learning Academy (ATAL), New Delhi.
- Prof. Pallavi Nair received Best Paper award at IEEE MTTT APS-MAPCON conference at Bangalore.

### **Patents Granted (Total 02)**

- Dr. D. R. Kalbande received **Patent Grant** for the Patent titled “GRANT AUTO WALAS: AN APP FOR VEHICLE MANAGEMENT”
- Prof. K. T. Talele received a **Patent Grant** for the Patent titled “Sustainable “PICOHYDRO POWER GENERATION SYSTEM”

### **Patents Published (Total 04)**

- Dr. D. R. Kalbande Published a Patent titled “AI POWERED SINGLE SWITCH BASED REMOTE HEALTH MONITORING SYSTEM FOR ELDERLY”
- Dr. Sudhir Dhage published a Patent titled “A HYBRID OPTIMIZED APPROACH FOR DETECTION AND CLASSIFICATION BREAST CANCER USING HISTOPATHOLOGICAL IMAGES”.
- Dr. Sudhir Dhage published a Patent titled “SEMANTIC INFORMATION RETRIEVAL USING BIO-INSPIRED OPTIMIZATION BASED ONTOLOGY CONSTRUCTION”
- Dr. Sudhir Dhage published a Patent titled “WEB RULE BASED STUDENT PLACEMENT ONTOLOGY FOR INTELLIGENT INFORMATION RETRIEVAL”

### **Ph.D. obtained (Total 09 Faculty)**

- Following faculty across all the Departments including ASH Department have obtained Ph.D. from University of Mumbai
  - Prof. Surekha Dholay
  - Prof. Nataasha Raul
  - Prof. Narendra Bhagat
  - Prof. Prashant Kasambe
  - Prof. Kailas Devadkar
  - Prof. Rupali Sawant
  - Prof. Anand Mane
- Following faculty from ASH Department have obtained Ph.D. from University of Bhopal under QIP Scheme
  - Dr. Dnyaraj Patil
  - Dr. Hemant Vasiakar

### **3. Ph.D. Awarded (04 Faculty)**

- Prof. Surekha Dholay
- Prof. Nataasha Raul
- Prof. Narendra Bhagat
- Prof. Prof. Kailas Devadkar

## Students Awards and Recognitions

- **8 Teams got shortlisted for Smart India Hackathon and 3 teams won first prize at SIH conducted at Hyderabad, Jaipur and Chandigarh.**
- **Jai Joshi and Pranjal Patil Won KakushIN 6.0 - Coding contest conducted by Nomura**
- **Jay Oswal, an MCA student, participated and won the Coding/Decoding Contest, ICON 22 K held at J Somaiya COE, Mumbai.**
- **Yash Hasmukh Jain, Shubhan Kadam, Smit Meghani students of TE Computer secured 1<sup>st</sup> position at StartBucks, IIT-BHU.**
- **Yash Hasmukh Jain, Shubhan Kadam, Smit Meghani students of TE Computer secured 2<sup>nd</sup> Position at Chakravyuh, IIT-G.**
- **Manas Abhyankar, a student of B.E. Computer secured All India 90 th rank in GATE (CS) 2023.**
- **Yash Hasmukh Jain, Shubhan Kadam, and Smit Meghani, a team of T.E. Computer students secured 1st position at START-BUCKS, A pitching competition at IIT-BHU Varanasi.**
- **Guruprasad Parasnisi, Tanmay Gadgil, Namita Kadam, and Ruchi Kowarkar received Semi-Finalists award at e-Yantra Innovation Challenge (eYIC 2021-22) conducted by IIT, Bombay.**
- **Namita Kadam, Riya Goenka and Kaustubh Ghare studying at Third Year received 1st Place at TechFiesta SJMSOM, at IIT Bombay.**
- **Namita Kadam, Riya Goenka, and Aayush Sheth studying at Third Year received 4th Place at Chanakya Competition conducted by IIM Indore.**
- **Ecell SPIT Team consisting of @ 40 students Won the Advance track of National Entrepreneurship challenge hosted by IIT Bombay, 2023.**
- **A team of 25 students across all the branches won the National Entrepreneurship Challenge at IIT Bombay.**
- **Siddharth Kamalaskar, Apporva Limaye, and Varun Kamathm studying at Third Year received Best Project Award among 258 ideas across the Nation at “The Inventors Challenge-2022” organized by Arm Education and STMicroelectronics with support from AICTE’s Training and Learning Academy (ATAL), New Delhi.**
- **236 B. Tech students across all the branches are undergoing 6 months Industry internship.** Out of these 6 students namely Deep Nayak, Jash Jain, Samkit Shah, Maitri Vora, Aditi Bhosale and Shweta Choudhary are **undergoing industry internships at Amazon.**
- **49 students are doing research internships at IITB.**
  - Out of which a team of 5 students undergoing research internship under Dr. V. M. Gadre, Electrical Department at IITB on the project titled “Contactless Biometry”. This team has signed MoU with Govt. of India UIDI for AADHAR Card and is also selected by NCETIS, an organization at IITB which works closely with Govt security agencies like BSF, BPR&D, etc has selected this work. Moreover, a team is also ready with the patent for publication.
  - A second team of 3 students Aniket Nadkarni, Prabhat Kumar, and Tirth Patel working under Dr. Fernandes, Electrical Engineering Department, IITB on the project titled “Solid State Transformer” is selected to appear for Project Exhibition at Germany organized by IEEE.



## Technical Events Conducted

Apart from the various technical events conducted by students' council, some of the noteworthy technical events conducted by the various departments are:

- S.P.I.T. Software Hackathon by CSI Chapter of Computer Department in association with Electronic Student Association (ESA).
- The Electronics Department received a fund from AICTE-SPICES for conducting technical activities for Electronic Student Association (ESA). Under this scheme 3 Technical activities namely Tech Hunt, S.P.I.T. Innovation Cup-2023 and Peripherathon 1.0 were successfully completed in association with AICTE Idea Lab, and SPTBI.
- A software Barclay's Hackathon in association with Barclay's India Pvt. Ltd.
- **Through these events the institute is able to attract @ 500+ students of Engineering institutes across the Nation are benefited.**

### “S.P.I.T Innovation Cup-2023” : An Ideation and Project Competition



### “Peripherathon 1.0” : AI-Powered IoT Hardware Hackathon



**“Techo-Hunt-2022” : A treasure hunt based electronic circuit designing event**



**“S.P.I.T Innovation Cup-2023” : An Ideation and Project Competition**