



**R. C. PATEL  
INSTITUTE OF TECHNOLOGY**

**An Autonomous Institute**

**RCPIT-ELECTRICAL**

# **NEWSLETTER**

**2024-25 Edition**



# HOD'S MESSAGE



Dear Electrical Engineering Enthusiasts,

As we step into another promising year, I am thrilled about the opportunities ahead for our department. The dynamic field of Electrical Engineering continues to lead the charge in technological advancements, and this year, we are particularly focused on groundbreaking developments such as Electric Vehicles and other cutting-edge innovations.

Our journey is fueled by the commitment of our dedicated faculty and the passion of our ambitious students. I encourage everyone to actively participate in our guest lectures, workshops, and other initiatives that aim to bridge the gap between theoretical concepts and practical applications.

I extend my deepest gratitude to our faculty and students for their relentless efforts and enthusiasm. Let us continue to challenge ourselves, explore new horizons, and pave the way for a tech-driven future. Together, we can achieve remarkable milestones!

Here's to another year of innovation and success!

**BEST REGARDS,  
DR. SHAILAJA PATIL  
HEAD OF ELECTRICAL DEPARTMENT**

# Newsletter Committee

## Staff Coordinator



**Mr. Krunalkumar Gandhi**  
Assistant Professor

## Student Coordinator



**Arti Patil**



**Rutuja Mali**



**Anjali Marathe**



**Bhumika Mali**

**Institute Vision**

To achieve excellence in engineering education with strong ethical values.

**Institute Mission**

To impart high quality Technical Education through :

- Innovative and Interactive learning process and high quality, internationally recognized instructional programs.
- Fostering a scientific temper among students by the means of a liaison with the Academia, Industries and Government.
- Preparing students from diverse backgrounds to have aptitude for research and spirit of Professionalism.
- Inculcating in students a respect for fellow human beings and responsibility towards the society.

**Department Vision**

To build electrical engineers with a global perspective and a strong dedication to Societal service.

**Department Mission**

M1: To transform the students from diverse background into skilled electrical engineers.

M2: To enhance industrial interaction to meet the changing industrial needs.

M3: To serve society with deep awareness of social responsibilities and ethical values.



## One week Workshop on Industrial Approach In Electrical & Electronics



One week hands on practice electronics workshop "Industrial Approach in Electrical & Electronics" workshop was organized to impart practical experience and bridge the gap between theoretical knowledge and its application. The workshop, held from 27/08/2024 to 30/08/2024, was conducted by Mr. Sanjay Chaudhari of the Electronics Study Centre, Nashik. Attendees gained invaluable hands-on experience, real-world insights, and skills necessary for success in the industrial landscape.

## Expert session on FSD/Machine Learning/Dot Net developer Courses



On 6th July 2024, an engaging online expert session was organized by the Electrical Engineering Department, featuring Mr. Baliram Bondge, Project Manager at Symbiosis Skill & Professional University, Pune. The session aimed to introduce students to cutting-edge courses in Full Stack Development (FSD), Machine Learning, and Dot Net Development, empowering them with interdisciplinary knowledge and skills.

Mr. Bondge provided deep insights into the applications of these technologies and their relevance to electrical engineering. He emphasized the importance of bridging the gap between traditional engineering practices and the evolving tech landscape, showcasing how skills in Machine Learning and software development are becoming indispensable in the industry.

## Expert session on B4224 Career Readiness Program



On 7th August 2024, the Electrical Engineering Department organized an insightful expert session led by Mr. Gurpreet Singh, Learning and Development Manager at B4224 Career Readiness WSN. The session focused on the B4224 Career Readiness Program, designed to equip students with the essential skills and mindset needed to thrive in today's competitive job market.



Mr. Singh shared valuable insights into career preparedness, covering topics like resume building, interview techniques, and workplace communication. He emphasized the importance of aligning technical skills with professional competencies to ensure a seamless transition from academics to the industry.

### Expert Session on Interpersonal Skills by Mr. Yogesh Soman



On 24th August 2024, the Electrical Engineering Department hosted an enriching expert session featuring Mr. Yogesh Soman, Platform Program Manager in the Commercial and Off-road Vehicles sector at Mahindra & Mahindra, Nashik. With vast experience in product development, Mr. Soman shared insights into the importance of interpersonal skills in professional and personal growth.

The session covered critical topics such as listening, teamwork, dependability, adaptability, emotional intelligence, and empathy. Mr. Soman emphasized how these skills are crucial for effective collaboration, problem-solving, and fostering a positive workplace environment.

### Expert Session on Training and Placement by Dr. Santosh Borde



On 20th September 2024, the Electrical Engineering Department organized an expert session on Training and Placement, delivered by Dr. Santosh Borde, Dean of Student Progression and Industry Relations at JSPM Pune.

Dr. Borde, a seasoned expert in student career development, shared invaluable insights into the training and placement process, focusing on industry expectations, resume building, interview preparation, and effective communication skills. He highlighted the importance of aligning academic knowledge with industry requirements to enhance employability.

The session provided students with practical tips on preparing for campus placements, leveraging internships, and networking effectively. The interactive Q&A session allowed participants to

address their concerns and gain clarity on strategies for achieving career success.

This session underscores the department's dedication to equipping students with the skills and knowledge required to excel in the competitive job market.

## Expert Session on Training and Placement Strategies by Dr. Rawandale

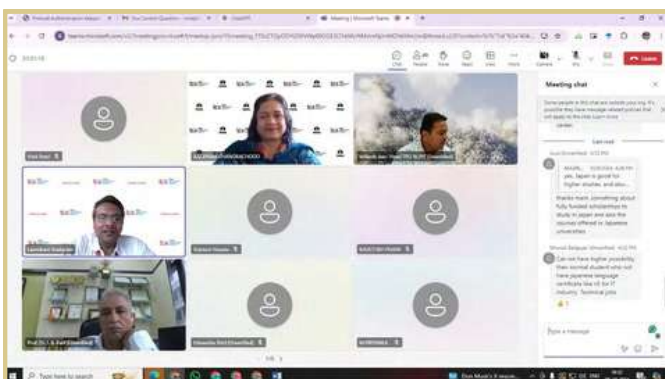


On 21st September 2024, the Electrical Engineering Department hosted an expert session on Training and Placement Strategies, led by Dr. Shitalkumar Rawandale, Dean of Training and Placement at PCCOE (Pimpri Chinchwad College of Engineering).

Dr. Rawandale shared his vast expertise in designing effective training and placement

strategies, offering students insights into enhancing their employability. The session covered essential aspects such as resume building, technical skill enhancement, aptitude preparation, and interview techniques. He emphasized the importance of staying updated with industry trends and adopting a proactive approach to career planning.

## Expert Session on the Importance of Japanese Language by Industry Leaders



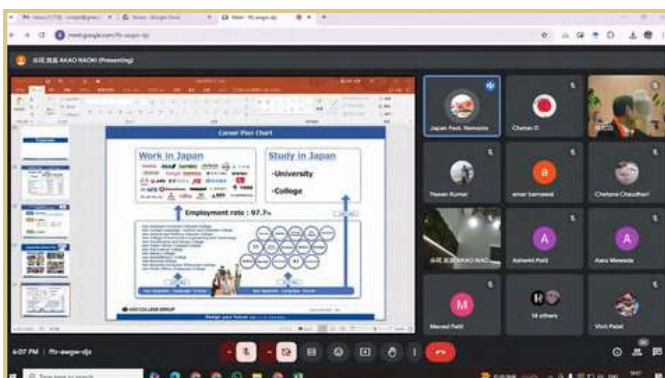
On 5th October 2024, the Electrical Engineering Department organized an expert session on the Importance of the Japanese Language, featuring eminent speakers from Tata Consultancy Services (TCS):

- Mr. Laxmikant Shaligran
- Mrs. Anupama Chandrachood
- Mr. Yukinori Harada

The session provided students with a comprehensive understanding of the growing demand for Japanese language proficiency in global markets, particularly in technology and engineering sectors. The speakers highlighted how learning Japanese can open doors to unique career opportunities, foster cultural understanding, and enhance collaboration with Japanese organizations.

This session is part of the department's ongoing efforts to prepare students for a globalized professional landscape, emphasizing the importance of interdisciplinary and cultural skills in career advancement.

## Expert Session on Study Opportunities in Japan by Yen Academy Leaders



On 11th November 2024, the Electrical Engineering Department hosted an expert session titled "Study in Japan", featuring distinguished speakers from Yen Academy:

- Mr. Akao Nauki, Director
- Mr. Kauji Hayashi, Principal



The session aimed to enlighten students about higher education opportunities in Japan, covering topics such as academic programs, scholarships, cultural immersion, and the advantages of studying in one of the world's most advanced nations.

The speakers shared insights into Japan's world-class education system, cutting-edge research facilities, and the growing demand for skilled professionals in technology and engineering. They also provided detailed information on the application process, visa requirements, and tips for adapting to Japanese culture.

### Alumni Talk on Entrepreneurship and Opportunities in Electrical Engineering



The Department of Electrical Engineering hosted an inspiring Alumni Talk on "Entrepreneurship, Startups, and Opportunities in Electrical Engineering" on 16th January 2025. The session featured Mr. Shubham Sugandhi, a 2018 batch alumnus and founder of Marketing Myantra.

Mr. Sugandhi shared his journey from engineering student to successful entrepreneur, offering insights on startup opportunities in the electrical domain and strategies for bridging technical expertise with market demands.

### Industry expert lecture(Live from USA) on Power System



The Department of Electrical Engineering organized an insightful Industry Expert Lecture on "Power Systems" on 29th January 2025. The session was conducted live from the USA by Mr. Hiranya Pathak, a Professional Engineer (PE) licensed by the USA State Board of Technical Registration.

Mr. Pathak shared his expertise on advanced power system concepts, industry trends, and the significance of professional certifications, providing valuable knowledge to students and faculty.

### Industry expert lecture(Live from USA) on High Voltage Substation



The Department of Electrical Engineering organized an insightful Industry Expert Lecture on "High Voltage Substation-System Engineering and Digitalization" on 13th February 2025. The session was conducted live from the USA by Mr. Hiranya Pathak, a Professional Engineer (PE) licensed by the USA State Board of Technical Registration.

Mr. Pathak, highlighted key aspects of substation automation, protection schemes, SCADA integration, and advancements in digital substations.



## Alumni Talk on Entrepreneurship and Opportunities in Electrical Engineering



The Department of Electrical Engineering organized an Alumni Interaction Session on "Recent Trends & Opportunities for Freshers" on 14th February 2025. The session featured Mr. Sandip Thakare, an esteemed alumnus of the department and Associate Director at Union Bank of Switzerland (UBS), Poland. During the session, Mr. Thakare shared valuable insights into emerging industry trends, evolving job roles, and key skills required for fresh graduates in today's competitive job market. He provided an overview of global career opportunities, the significance of technical and soft skills, and the impact of digital transformation on the banking and financial sector.

## Electromania in Converges'25

The Electrical Engineering Department successfully hosted three exciting events during **Converges'25 on February 27-28, 2025**, showcasing innovation, knowledge, and creativity.

**Greenovation (Feb 27)** – A platform where budding innovators presented groundbreaking ideas in green energy. The event witnessed remarkable solutions aimed at shaping a sustainable future.

**BrainCharge (Feb 27)** – A thrilling quiz show inspired by Kaun Banega Crorepati (KBC), where participants put their electrical and general knowledge to the test. The competition was intense, keeping both contestants and the audience engaged.

**ElectroToy (Feb 28)** – A hands-on toy-making competition, where participants showcased their creativity and technical skills by building innovative toys with electrical concepts.

The events saw enthusiastic participation and highlighted the spirit of innovation and technical excellence. Converges'25 was a grand success, leaving participants inspired and motivated for future challenges.





## Alumni Interaction with Krushna Baviskar on Industrial Applications of PLC & SCADA



Mr. Krushna Baviskar, alumnus of the 2023 batch, currently working at Mungi Electrical, Pune, interacted with current students and shared his industrial experience on the use of PLC and SCADA systems. He explained how automation through PLCs and real-time monitoring via SCADA plays a crucial role in improving efficiency and safety in industries. The session provided practical insights into core engineering applications and encouraged students to strengthen their hands-on skills in automation.

## Alumni Interaction with Mr. Shubham Sugandhi on Entrepreneurship Journey



Mr. Shubham Sugandhi, a 2018 batch alumnus and founder of Marketing Myantra, interacted with students and shared his inspiring entrepreneurial journey. He discussed the challenges and opportunities faced while building a startup, the importance of digital marketing, and key skills required to thrive as an entrepreneur. His session motivated students to think innovatively and pursue their entrepreneurial ambitions.

## JOURNAL PUBLICATION

## Dr Shailaja Arjun Patil

**Paper Title** – 3 Dimensional Scanning System Using Distance Sensor

**Journal** – International Journal of Research Publication and Reviews

**Paper Title** – Building an IR-Bsed Switch: A Low-Cost Remote Control Solution for Automation

**Journal** – International Journal of Research Publication and Reviews

**Paper Title** – A Solar-Powered Mobile Wireless Charging Solution for Electric Vehicle Range Anxiety

**Journal** – International Journal of All Research Education and Scientific Methods

**Paper Title** – Innovative UPS System for Reliable Power Supply in Residential and Industrial Applications

**Journal** – International Research Journal of Engineering and Technology

## Dr. Bhushan Prataprao Patil

**Paper Title** – SVM Based Methodology for Classification of Internal Faults from Other Disturbances in Power Transformer

**Journal** – International Journal on Science and Technology

## Dr. Yogesh Kalidas Kirange

**Paper Title** – IOT BASED POWER MONITORING SYSTEM WITH THE HELP OF ESP8266 AND PZEM 004T SENSOR

**Journal** – International Research Journal Of Modernization In Engineering Technology And Science

**Paper Title** – Building an IR-Bsed Switch: A Low-Cost Remote Control Solution for Automation

**Journal** – International Journal of Research Publication and Reviews

**Paper Title** – Optimising SMIB system stability: FOPID controller tuning via Harris hawks optimisation

**Journal** – Evolutionary Intelligence

**Paper Title** – Optimizing Dynamic Stability in Power Systems: A Robust Approach with FOPID Controller Tuning Using HHO Algorithm

**Journal** – Proceedings of Engineering and Technology Innovation

## Mr. Rupesh Shantaram Patil

**Paper Title** – 3-Phase Switching System with Relay Mechanism

**Journal** – International Research Journal of Engineering and Technology

**Paper Title** – Optimizing Power Distribution: Smart Load Sharing Mechanism Enhanced by Arduino UNO Integration

**Journal** – International Journal of Ingenious Research. Invention and Developement

**Paper Title** – Performance and Impact of Electric Vehicle Charging Station Electrical Distribution Networks

**Journal** – IJTE Journal

**Paper Title** – IoT Based Power Monitoring System With The Help Of ESP8266 And PZEM 004T Sensor

**Journal** – International Research Journal Of Modernization in Engineering Technology and Science



## JOURNAL PUBLICATION

## Mr. Sachin Yashwant Sayais

**Paper Title** - Fractal Analysis of Time Domain Dielectric Response to Reduce Complexity of Insulation Condition Diagnosis Methodology

**Journal** - Indonesian Journal of Electrical Engineering and Informatics (IJEI)

## Mr. Krunalkumar Jitendrakumar Gandhi

**Paper Title** - A Solar-Powered Mobile Wireless Charging Solution for Electric Vehicle Range Anxiety

**Journal** - International Journal of All Research Education and Scientific Methods

**Paper Title** - High-Current Safety System for Border Security

**Journal** - International Journal of Scientific Development and Research

**Paper Title** - Innovative Automatic Water Dispenser: A Cost-Effective Solution for Efficient Water Usage

**Journal** - International Journal of Scientific Development and Research

**Paper Title** - Innovative UPS System for Reliable Power Supply in Residential and Industrial Applications

**Journal** - International Research Journal of Engineering and Technology

## Mr Nilesh Suresh Mahajan

**Paper Title** - A Comprehensive Review on Demand Side Management in Renewable Energy Systems: Optimization Approaches and Challenges

**Journal** - Journal of Electrical Systems

## CONFERENCE

## Dr. Bhushan Prataprao Patil

**Paper Title** - Discrimination of Internal Faults and Other Transients in Power Transformer using Tree-based Classifiers

**Conference** - International Conference on Emerging Trends in Computer Science & Engineering

**Paper Title** - Novel method based on TEO and Decision Tree Approach for Power Transformer Protection

**Conference** - International Conference on Multidisciplinary Innovations for Global Sustainability and development

## Dr. Nadeem Akhtar

**Paper Title** - Investigative Analysis of Forest Area Segmentation Using Deep Learning Models

**Conference** - International Conference on Next Generation Technologies for Sustainable Development

## Mr. Sachin Yashwant Sayais

**Paper Title** - Diagnosis of Oil immersed Paper insulation Sample Using Resistance Profile of Time Varying Model

**Conference** - International conference on sustainable power and energy

## Mr Nilesh Suresh Mahajan

**Paper Title** - The Potential of Demand Response Management in Shaping the Future of Energy Systems: A Study on Empowering the Grid

**Conference** - 4th National Conference on Innovation in Engineering and Technology

## Dr. Shailaja Arjun Patil

- Title** - Generative AI: Transforming innovation in Technology and Education  
**Conducted By** - School of Technology Management & Engineering NMIMS Indore in association with Madhya Pradesh Council of Science & Technology
- Title** - Building Web Development Solutions with Cloud Computing  
**Conducted By** - Next Gen Employability Program
- Title** - AI Powered Learning: Shaping the Future of Education  
**Conducted By** - Department of Computer Science & Applications, Vivekanandha Arts and Science College for Women, Sankagiri, Salem, Tamilnadu
- Title** - Cross Roads of AI and Signal Processing  
**Conducted By** - Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi college of engineering

## Dr. Nadeem Akhtar

- Title** - AI and Digital Technologies for Sustainable Healthcare and Medical Technologies  
**Conducted By** - Institute of Technology, Nirma University

## Dr. Yogesh Kalidas Kirange

- Title** - Outcome Based Education and Application of Generative AI in Teaching and Research  
**Conducted By** - St. Marry's College Thrissur

## Mr. Sachin Yashwant Sayais

- Title** - Nanotechnology and Applications  
**Conducted By** - National Institute of Technical Teacher Training and Research, Chennai
- Title** - Modern Software Tools Usage in Electrical and Electronics Engineering  
**Conducted By** - National Institute of Technical Teacher Training and Research, Chennai

## Mr. Krunalkumar Jitendrakumar Gandhi

- Title** - Nanotechnology and Applications  
**Conducted By** - National Institute of Technical Teacher Training and Research, Chennai
- Title** - Modern Software Tools Usage in Electrical and Electronics Engineering  
**Conducted By** - National Institute of Technical Teacher Training and Research, Chennai

## Mr Nilesh Suresh Mahajan

- Title** - Python for Data Science  
**Conducted By** - NPTEL/Swayam
- Title** - Outcome Based Education and Application of Generative AI in Teaching and Research  
**Conducted By** - St. Marry's College Thrissur
- Title** - AI/ML Based Controllers Design and their Application in Real Time Platform  
**Conducted By** - NIT Rourkela



## QUALITY IMPROVEMENT PROGRAMME



We are delighted to announce that **Dr. Shailaja Arjun Patil**, HoD, Department of Electrical Engineering, has successfully completed the QIP Certification Program in **High Performance Computing from COEP Technological University Pune and C-DAC Pune**.



We are delighted to announce that **Dr. Nadeem Ansari, Mr. Bhushan P. Patil, and Mr. Amit R. Mahire** have successfully completed the QIP Certification Program in **AI from IIIT Baroda**.



We are delighted to announce that **Dr. Yogesh Kirange, Mr. Krunalkumar Gandhi, Mr. Sachin Sayais, and Mr. Nilesh Mahajan** have successfully completed the QIP Certification Program in **Machine Learning from IIIT Surat**.

## CONGRATULATIONS TO DR. YOGESH KIRANGE



We are proud to announce that **Dr. Yogesh Kirange** has successfully completed his **Doctorate in Electrical Engineering from Oriental University, Indore**. This remarkable achievement reflects his dedication, perseverance, and outstanding contributions to the field of electrical engineering.

## CONGRATULATIONS TO DR. BHUSHAN PATIL



We are proud to announce that **Dr. Bhushan Patil** has successfully completed his **Doctorate in Electrical Engineering from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**. This remarkable achievement reflects his dedication, perseverance, and outstanding contributions to the field of electrical engineering.

## STUDENT RESULT – EXAMINATION EVEN SEMESTER 2023–24

### Second Year



**Kumavat Komal**  
CGPA – 8.54



**Mali Rutuja**  
CGPA – 8.31



**Girase Bhagawat**  
CGPA – 8.2

In the academic year 2023–24, a total of 66 students from the Second-Year B.Tech (S.Y. B.Tech) Electrical program appeared for the academic assessments, with 58 students successfully passing, resulting in an overall pass percentage of 89.23%.

The distribution of CGPA among the passed students is as follows:

**Kumavat Komal secured the highest CGPA of 8.54, followed by Mali Rutuja with a CGPA of 8.31. Girase Bhagawat achieved a CGPA of 8.2.**

These results highlight the academic achievements of the S.Y. B.Tech Electrical students for the given year, reflecting their dedication and commitment to academic excellence.

### Third Year



**PATIL PRANJAL**  
CGPA – 7.8



**MARATHE ASHWINI**  
CGPA – 7.53



**PATIL PRATIKSHA**  
CGPA – 7.26

In the academic year 2023–24, a total of 56 students from the Third-Year B.Tech (T.Y. B.Tech) program successfully participated in the academic assessments.

The distribution of CGPA among the passed students is as follows:

Six students achieved a CGPA between 7.00 and 7.99. Twenty-two students secured a CGPA in the range of 6.00 to 6.99. The majority, comprising twenty-three students, obtained a CGPA between 5.00 and 5.99. Additionally, five students had a CGPA between 0.00 and 4.99. Among the students, the following individuals demonstrated outstanding academic performance: **Patil Pranjal Kishor secured the highest CGPA of 7.8, followed by Marathe Ashwini Kailas with a CGPA of 7.53. Patil Pratiksha Bhausaheb achieved a CGPA of 7.26.**

These results reflect the academic achievements of the T.Y. B.Tech students for the given year, highlighting their commitment and efforts toward academic excellence.



## Final Year

**SONAWANE PRERNA**

CGPA - 8.39

**KOLI SAURAV**

CGPA - 8.08

**KHATAL SUNIL**

CGPA - 8.02

In the academic year 2023-24, a total of 37 students from the Final Year B.Tech program participated in the academic assessments. All 37 students successfully passed the examination, resulting in an overall pass percentage of 100%.

The CGPA distribution among the passed students is as follows:

Three students achieved a CGPA between 8.00 and 8.99. Fourteen students secured a CGPA in the range of 7.00 to 7.99. Eighteen students obtained a CGPA between 6.00 and 6.99, while two students had a CGPA between 5.00 and 5.99. Among the students, the top performers were: **Sonawane Prerna Himmat secured the highest CGPA of 8.39, followed by Koli Saurav Ravindra with a CGPA of 8.08. Sunil Khatal achieved a CGPA of 8.02.**

These results highlight the outstanding academic performance of the Final Year B.Tech students, reflecting their dedication and commitment to excellence.

## STUDENT RESULT - ODD SEMESTER EXAMINATION 2024-25

## Second Year

**WAGH DIPTEE**

SGPA - 8.05

**SONAVANE NIKHILESH**

SGPA - 7.82

**PARAS GOAD**

SGPA - 7.73

**CHAUDHARI CHINMAY**

SGPA - 7.73

In the odd semester of the academic year 2024-25, a total of 64 students from the Second Year B.Tech program appeared for the academic assessments. Out of these, 55 students successfully passed the examination, resulting in an **overall pass percentage of 85.94%**.

Among the top performers in the Second Year B.Tech program:

- **Wagh DipTEE Kishor secured the highest SGPA of 8.05.**
- **Sonavane Nikhilesh Manohar obtained an SGPA of 7.82.**
- **Paras Bhuleshwar Goad achieved an SGPA of 7.73.**
- **Chaudhari Chinmay also secured an SGPA of 7.73.**

These results reflect the consistent efforts and academic achievements of the students, demonstrating their perseverance and dedication.

## Third Year



**MALI RUTUJA**  
SGPA - 9.14



**BADGUJAR YUKTA**  
SGPA - 9.09



**KUMAVAT KOMAL**  
SGPA - 9.00

In the odd semester of the academic year 2024-25, 58 students from the Third Year B.Tech program appeared for the academic assessments. Out of these, 56 students successfully cleared the examination, achieving an impressive **overall pass percentage of 96.55%**.

The top performers of the Third Year B.Tech program are:

- **Mali Rutuja Sanjay with the highest SGPA of 9.14.**
- **Badgujar Yukta Sunil with an SGPA of 9.09.**
- **Kumavat Komal Rajesh with an SGPA of 9.00.**

These outstanding results reflect the students' dedication, perseverance, and commitment to academic excellence.

## Final Year



**PATIL PRANJAL**  
SGPA - 8.95



**BHOSALE ASHWINI**  
SGPA - 8.71



**MARATHE ASHWINI**  
SGPA - 8.57

In the odd semester of the academic year 2024-25, a total of 72 students from the Final Year B.Tech program appeared for the academic assessments. Among them, 61 students successfully cleared the examination, achieving an **overall pass percentage of 84.72%**.

The highest scorers in the Final Year B.Tech program are:

- **Patil Pranjal Kishor, securing an SGPA of 8.95.**
- **Bhosale Ashwini Anil, with an SGPA of 8.71.**
- **Marathe Ashwini Kailas, achieving an SGPA of 8.57.**

These results stand as a testament to the students' dedication and commitment to academic success.

## STUDENT ACHIEVEMENTS

1



We are proud to announce that our talented students **Marathe Anjali, Patil Arti, Mali Bhumika, Potdar Dipali, and Mali Rutuja** have secured the **First Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

2



We are proud to announce that our talented students **Ravandale Dhiraj, Sonawane Om, Waswani Sumit, Sonawane Nishant** have secured the **Second Prize** in the **Department Level Research Convention – Avishkar 2024** under the Medical and Pharmacy theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

3



We are proud to announce that our talented students **Girase Bhagwat, Rajput Satpalsingh** have secured the **Third Prize** in the **Department Level Research Convention – Avishkar 2024** under the Agriculture and Animal Husbandry theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

## STUDENT ACHIEVEMENTS

4



We are proud to announce that our talented students **Patil Pawan, Dhangar Digvijay, Bhoi Durgesh, Wani Tanmay, Pardeshi Siddhesh** have secured the **First Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

5



We are proud to announce that our talented students **Wagh Diptee, Patil Komal, Shirsath Dhiraj, Bhavsar Yash, Kuwar Tejas** have secured the **Second Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

6



We are proud to announce that our talented students **Patil Chetan, Haswani Jatin, Mahajan Umesh, Girase Himanshu, Mangale Tejas** have secured the **Third Prize** in the **Department Level Research Convention – Avishkar 2024** under the Agriculture and Animal Husbandry theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.



## STUDENT ACHIEVEMENTS

7



We are proud to announce that our talented students **More Vicky, Bachhav Bhavesh, Mujavar Soheli, Rajput Devesh** have secured the **First Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

8



We are proud to announce that our talented students **Dhangar Mayuresh, Borse Lokesh, Sirse Kamlesh, Badgajar Roshan** have secured the **Second Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

9



We are proud to announce that our talented students **Patil Sanika, Wagh Divyeshwari, Bhosale Ashwini, Patil Pratiksha, Thakare Manasi** have secured the **Third Prize** in the **Department Level Research Convention – Avishkar 2024** under the Agriculture and Animal Husbandry theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

## STUDENT ACHIEVEMENTS

7



We are proud to announce that our talented students **Patil Nikita, Patil Vivek, Patil Ashwini, Marathe Puja, Sonar Jignesh** have secured the **Fourth Prize** in the **Department Level Research Convention – Avishkar 2024** under the Engineering and Technology theme.

The competition was organized by the Department of Electrical Engineering, R. C. Patel Institute of Technology, Shirpur, on **18th October 2024**. Their outstanding research and innovative approach set them apart, showcasing their technical excellence and problem-solving skills.

8



### Team Sarthak Wins First Prize at Converges 25!

We are excited to announce that Team Sarthak, consisting of **Komal Kumawat, Yashodip More, Jaykumar Girase, and Chinmay Chavan**, has won the **First Prize** for their innovative project, Talking and Dancing Doll, under the Electromania competition at Converges 25!

9



### Team Tam Tam Gang Wins Second Prize at Converges 25!

We are excited to announce that **Team Tam Tam Gang, consisting of Nilesh Magar, Mahesh Nikam, Dinesh Wadile, and Mahendra Mahajan**, has secured the **Second Prize** in the Electromania competition at Converges 25!

10



### Team Mystick Trackers Wins First Prize at Converges 25!

We are thrilled to announce that **Team Mystick Trackers, composed of Pariniti Patil, Dipti Wagh, Shushant Songire, and Pooja Patil**, has clinched the **First Prize** for their groundbreaking event Braincharge under the Electromania competition at Converges 25!



## STUDENT ACHIEVEMENTS

11

**Om Avhad Wins Second Prize at Converges 25!**

We are thrilled to announce that **Om Avhad** has secured the **Second Prize in the Trade Tech event at Converges 25!** His exceptional skills and innovative approach earned him a well-deserved spot among the top winners.

In addition to the prestigious recognition, Om was awarded a **cash prize of 3000 INR** along with exciting goodies for his outstanding performance in the competition.

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**Team OG Wins Second Prize at Converges 25!**

We are thrilled to announce that Team OG, composed of **Pranav Anil Shirsath, and Harshal Kiran Patil**, has clinched the **Second Prize** for their groundbreaking event **Braincharge** under the Electromania competition at Converges 25!

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**Komal Kumawat selected for Infosys Springboard's 'Pragati: Path to Future' Program**

We are proud to announce that our students participated in Infosys Springboard's 'Pragati: Path to Future', a prestigious 12-week program designed exclusively for women. This initiative aims to empower and equip young women with the necessary skills to excel in the professional world.

## STUDENT ACHIEVEMENTS

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### Yashodip More Achieves Global Rank 121 in IICPC by IIT Madras!

We are thrilled to announce that Yashodip More, a third-year Electrical Engineering student, has made our college proud by securing an impressive Global Rank of 121 in the Intercollegiate Informatic and Competitive Programming Camp (IICPC) conducted by IIT Madras.

Competing against **45,000+ participants** from across the world, Yashodip showcased his exceptional problem-solving skills, coding proficiency, and analytical thinking, securing a position among the top programmers at this prestigious competition.



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Gaurav More



Sonawane Ashwini



Patil Pranjal



Patil Yash



More Vicky



Borse Lokesh



Bagad Sanket



Patil Sanika



Wagh Divyeshvari



Bhosale Ashwini



Marathe Chaitali



Mahajan Yash



Sachin Lohar



Patil Neha



Patil Pratiksha



Marathe Diptali



Karanke Mohit



Marathe Ashwini



Badgujar Manasi



Mahajan Yuthika



Jadhav Yashkamal



Patil Nikita



Patil Vivek



Sirse Kamlesh



Marathe Puja



Chavhan Jaykumar



Pawar Aaditya



Rajput Prajakta



Patil Ashwini



Girase Gayatri



Rajput Prerana



Patil Harshada



Thakare Manasi



Patil Jayant

Bajaj Auto Ltd. has recently launched BEST, its flagship corporate social responsibility (CSR) initiative aimed at providing training in the latest and emerging technologies used in the manufacturing industry to engineers and diploma holders. Bajaj has collaborated with Symbiosis International University to establish the BEST center at Symbiosis Institute of Technology (SIT) in Pune. The BEST center in Pune is equipped with high-quality infrastructure, state-of-the-art equipment sourced globally, and the best faculty to train engineers and diploma holders in advanced manufacturing skills. **Thirty four students from the Department of Electrical Engineering have been selected for the Bajaj Engineering Skills Training (BEST) Certification Program.**

## STUDENT PLACEMENTS

The Department of Electrical Engineering continues to uphold its commitment to providing students with excellent career opportunities through internships and placements. For the academic year [2024-25], a total of 72 students participated in the placement and internship process.

Out of the total **72 students, 59 students** secured internships, including 34 students who successfully enrolled in the **Bajaj Engineering Skills Training (BEST) internship program**. These internships provide hands-on industrial exposure, enhancing students' technical and professional competencies.

 <b>Package - 4.25 LPA</b>  <b>PRANJAL PATIL</b> (Shindhkeda)	 <b>Package - 4.25 LPA</b>  <b>JADHAV YASHKAMAL</b> (Parola)	 <b>Package - 3.5 LPA</b>  <b>MARATHE PUJA</b> (Pachora)	 <b>Package - 3.5 LPA</b>  <b>PATIL SANIKA</b> (Shirpur)	 <b>Package - 3.5 LPA</b>  <b>SONAWANE ASHWINI</b> (Dhule)	 <b>Package - 3.16 LPA</b>  <b>BACHHAV BHAVESH</b> (Pachora)
 <b>Package - 3 LPA</b>  <b>MUJAVAR SOHEL</b> (Chopda)	 <b>Package - 3 LPA</b>  <b>KARANKE MOHIT</b> (Shirpur)	 <b>Package - 3 LPA</b>  <b>GOSAVI ANKIT</b> (Shahada)	 <b>Package - 2.85 LPA</b>  <b>ISHI GANESH</b> (Shindhkeda)	 <b>Package - 2.85 LPA</b>  <b>SONAR JIGNESH</b> (Dhule)	 <b>Package - 2.85 LPA</b>  <b>BADGUJAR ROSHAN</b> (Dharangaon)
 <b>Package - 2.5 LPA</b>  <b>SHUBHAM MALI</b> (Shahada)	 <b>Package - 2.4 LPA</b>  <b>MAYURESH</b> (Shirpur)	 <b>Package - 2.4 LPA</b>  <b>AADITYA NEVE</b> (Chopda)	 <b>Package - 2.4 LPA</b>  <b>PATIL RUTIK</b> (Shirpur)	 <b>Package - 2.4 LPA</b>  <b>PATIL HARIOM</b> (Parola)	 <b>Package - 2.4 LPA</b>  <b>PATIL DURGESH</b> (Shirpur)
 <b>Package - 3 LPA</b>  <b>DEVESH RAJPUT</b> (Nandurbar)	 <b>Package - 3.5 LPA</b>  <b>JAYKUMAR</b> (Shirpur)	 <b>Package - 3.5 LPA</b>  <b>PATIL HARSHADA</b> (Bhadgaon)	 <b>Package - 3.5 LPA</b>  <b>RAJPUT PRAJAKTA</b> (Shirpur)	 <b>Package - 3.5 LPA</b>  <b>MORE VICKY</b> (Parola)	 <b>Package - 3 LPA</b>  <b>SACHIN LOHAR</b> (Dharangaon)

 <b>Package - 3 LPA</b>  <b>PAWAR AADITYA</b> (Akkalkuwa)	 <b>Package - 4.25 LPA</b>  <b>ASHWINI BHOSALE</b> (Sakri)	 <b>Package - 3.5 LPA</b>  <b>ASHWINI PATIL</b> (Chalisingaon)	 <b>Package - 2.4 LPA</b>  <b>PATIL NEHA</b> (Shindkheda)	 <b>Package - 2.4 LPA</b>  <b>DIVYESHVARI</b> (Sakri)	 <b>Package - 2.4 LPA</b>  <b>GIRASE GAYATRI</b> (Shirpur)
 <b>Package - 2.4 LPA</b>  <b>PATIL PRATIKSHA</b> (Shirpur)	 <b>Package - 2.4 LPA</b>  <b>BACHHAV BHAVESH</b> (Yawal)				