



ELECTRIKA

The Newsletter of Electrical Engineering Department



Volume-

Director: Dr.S.P.Bhosle

Head of Department: Dr.S.L.Chavan

VISION of the Department:

To develop globally competent Electrical Engineers by providing industry oriented academic environment that inculcates professional skills and ethics for techno-social benefits.

MISSION of the Department:

1. To transform students into successful professionals by inculcating comprehensive knowledge of Electrical Engineering.
2. To develop conducive environment through creativity, innovation and industry institute interaction.
3. To encourage and enable students for higher education, research and entrepreneurship.

Program Educational Objectives (PEO):

PEO1: Graduate will demonstrate the ability to apply knowledge of Electrical Engineering to identify, formulate and solve engineering problems.

PEO2: Graduate will demonstrate the ability to design, implement and analyze various functional elements of Electrical Engineering domain, interpret data and work with multidisciplinary approach.

PEO3: Graduate will demonstrate the analytical and managerial skills with a virtue of continued learning; carry out the professional and entrepreneurial responsibilities in Electrical Engineering field considering environmental issues.

Volume



ELECTRIKA

The Newsletter of Electrical Engineering Department



Director: Dr.S.P.Bhosle

Head of Department: Dr.S.L.Chavan

Advisory Committee

Dr.P.P.Vitkar

Dr.S.P.Bhosle

Dr.A.M.Badadhe

Editors

Dr.S.L.Chavan

Prof.R.A.Panherkar

Student Coordinator

Ms.Sanika Avhad

Message From Head of the Department-



Dr.S.L.Chavan
Head of Electrical
Engineering Department

Welcome to the Department of Electrical, Jspm's RSCOE, Pune. We, the Department of Electrical, feel our enthusiasm to publish the Fifth issue of our departmental newsletter, "Electrika". I, as a head of the department would like to thank all the faculty members, non-teaching staffs and students for their limitless support and sincere efforts for the betterment and development of department. On this occasion, I congratulate all the team members of the editorial board for bringing up this issue in a better shape.

Department focuses on holistic development of the students by a combination of both curricular and extracurricular activities. Electrical Engineering Students Association (EESA), IEEE-PES Student Branch, ISTE, ISLE is an organization to improve academic co-curricular skills.



This year too we have announced "ELECTRIKA". It gives us an immense pleasure to introduce this Newsletter of Electrical Engineering, for 5th year. The current newsletter highlights the activities and achievements of faculty, and students for the 2024-25 year. I am thankful to the faculty member and students for their valuable inputs, suggestions and feedback.

Prof.R.A.Panherkar

STUDENT ACHIEVMENT

Vedant Chore secured second Rank in Firodiya Karandak



Sanika Katvate for winning in Rangoli Competition



CATRACK 2k25



1st Rank – CATRACK 2k25 (5–6 Feb 2025)

Organized by Electrical Engg. Dept.,
JSPM RSCOE under INNOVISION
2k25



2nd Rank – CATRACK 2k25 (5–6 Feb 2025)

Organized by Electrical Engg. Dept.,
JSPM RSCOE under INNOVISION
2k25



3rd Rank – CATRACK 2k25 (5–6 Feb 2025)

Organized by Electrical Engg.
Dept., JSPM RSCOE under
INNOVISION 2k25

Project FLASH and CODE Competition



1st Rank – Project FLASH Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.



2nd Rank – Project FLASH Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.



3rd Rank – Project FLASH Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.



1st Rank – CODE Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.



2nd Rank – CODE Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.



3rd Rank – CODE Competition (09/04/2025), Team under ISLE, JSPM's RSCOE.

Techglimpse 2k25 Project Competition



Hitendra Pawar and Team emerged as the 1st prize winners in the Third Year category of the Techglimpse 2k25 Project Competition held on 12th April 2025



Sundaram K. & Team emerged as the 2nd prize winners in the Third Year category of the Techglimpse 2k25 Project Competition held on 12th April 2025



Omkar Kadam & Team emerged as the 3rd prize winners in the Third Year category of the Techglimpse 2k25 Project Competition held on 12th April 2025

JSPM's Rajarshi Shahu College of Engineering- Department of Electrical Engineering

Techglimpse 2k25 Project Competition



Janvi and Team emerged as the **1st prize winners** in the **Second Year** category of the *Techglimpse 2k25 Project Competition* held on **12th April 2025**



Krishna and Team emerged as the **2nd prize winners** in the **Second Year** category of the *Techglimpse 2k25 Project Competition* held on **12th April 2025**



Krishna and Team emerged as the **2nd Runner-up** in the **Second Year** category of the *Techglimpse 2k25 Project Competition* held on **12th April 2025**

Student Sports Achievement 2024-25



Electrical boys for winning in **kho-kho** at **Gandharva Sports Competition**



S.Y girls for runner up in **Basketball Final** at **Gandharva Sports Competition**



Electrical girls for winning in **Kabaddi** at **Gandharva Sports Competition**



Electrical girls for winning in **kho-kho** at **Gandharva Sports Competition**

Student Sports Achievement 2024-25

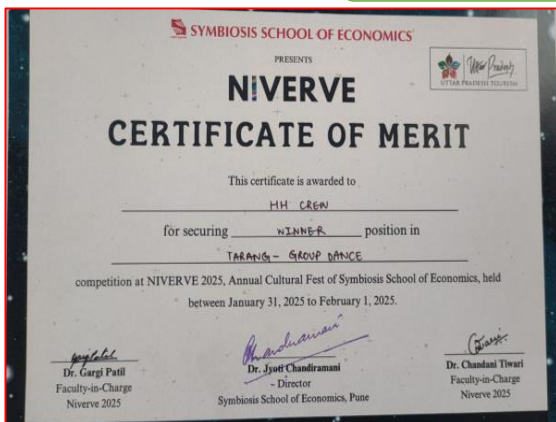


Sakshi Ladhe for runner up in Disc throw at Gandharva Sports Competition



Pranali Sarak for winning in Rangoli Competition

Yash Dixit ACHIEVEMENT



Yash Dixit & Team (HH Crew) emerged as Winners in the Group Dance (Tarang) competition at NIRVERE 2025, the Annual Cultural Fest of Symbiosis School of Economics, held from January 31 to February 1, 2025. Winner



**Fiesta 2.0 – Ivy League House
Yash Dixit and HH team emerged victorious, winning ₹50,000/-**



Got 1st place at @niverve 31 jan 2k25



Secure 2nd place at @flameskurukshetra 25 jan 2k25



Runner up at @nessinfinity 25 jan 2k25



Runner up at AISSMS IOIT @alacrity_fest 21 feb 2k25

JSPM's Rajarshi Shahu College of Engineering- Department of Electrical Engineering

Yash Dixit ACHIEVEMENT



Big win, Big prize
@ivy_league_house
1 mar 2k25



Danced with heart Won
@scmhrd_neev
28 feb 2025



Runner ups at Orion
@eventscell_sims
16 feb 2k25



1st Place holder
@manthan.nia
23 feb 2025



Runner ups at
@technikala2025
7 mar 2k25



Winner at
@isbm_coc_official
6 mar 2k25



Runner ups at Feet N
Fleet! @bhartiyam_2k25
1 mar 2025



Runner up at AISSMS
IOIT @alacrity_fest
21 feb 2k25



2nd Runner ups at
@mitadtparsonafest
12 mar 2k25



Owned the stage,
Claimed the win!
@asm_ibmr 20mar2k25



1st position at
@sympulsefest
5 feb 2k25



1st Runner ups at
@the.socialstreet_
2apr2k25



Secured 1st position at
IIMS Pune
22 feb 2025



Winners a @pibm_glorY
30mar2k25



Syncing steps, sealing the
win! @dyp.bschoo
25mar2k25

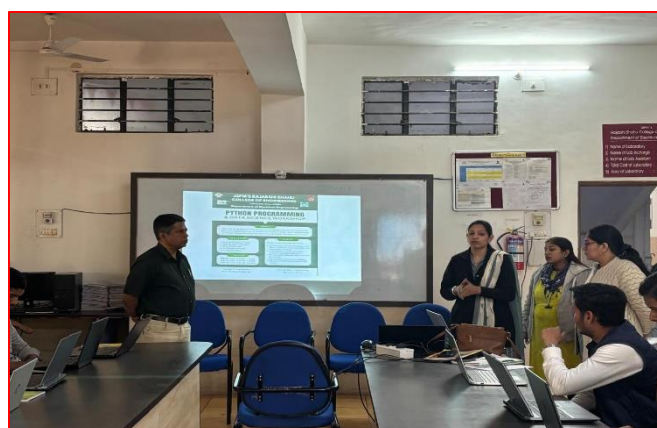
DEPARTMENT ACTIVITIES

MATLAB Hands on Workshop under IEEE PES SBC On 16/12/ -20/12/2024



On topic "MATLAB" One Week Workshop organized by Electrical Engineering Dept. for Third year Students Under Electrical Engineering Students Association (EESA). Under this Workshop students have learned basics and applications as well as future scope of MATLAB.

"Python Programming and Data Science"Hands on Workshop under ISLE On 18/12/ -20/12/2024



Three-day workshop on "Python Programming and Data Science" for Second Year Electrical Engineering students from 18/12/2024 to 20/12/2024. This workshop aims to strengthen student skills as per course outcomes.

JSPM's Rajarshi Shahu College of Engineering- Department of Electrical Engineering

DEPARTMENT ACTIVITIES

Electrical Safety week conducted Under EESA, ISLE, ISTE, and IEEE by Electrical department



(Nukkad natak in zip school)



(An awareness rally by students)



(A pledge taken by Dr. Patani sir)



Electrical Safety Day" was organized by the Electrical Engineering Department featuring a rally, street plays, and a guest session by Dr. Santosh Patani. The event promoted awareness on safe electrical practices among students and the community.

Expert Session on- IBM Skills build session conducted on 3rd/Jan/2025



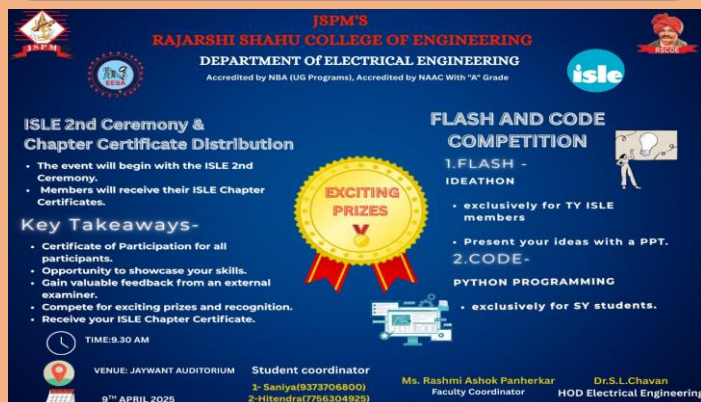
Department organizes the **Expert Session on- IBM Skills build session** by Rohan Desai and Vaishnavi Deshpande.

Catrack conducted by Electrical department on Innovision 2k25



Electrical Engineering Department organizes the **Catrack 2K25 under Innovision 2K25** by Mr. Rahul Ankushe and Ms. Amruta Udupurkar.

ISLE Inauguration and FLASH and CODE Competition On 9/4/2025



JSPM'S RAJARSHI SHAHU COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING
Accredited by NBA (UG Programs), Accredited by NAAC With "A" Grade

ISLE 2nd Ceremony & Chapter Certificate Distribution

- The event will begin with the ISLE 2nd Ceremony.
- Members will receive their ISLE Chapter Certificates.

Key Takeaways-

- Certificate of Participation for all participants.
- Opportunity to showcase your skills.
- Gain valuable feedback from an external examiner.
- Compete for exciting prizes and recognition.
- Receive your ISLE Chapter Certificate.

EXCITING PRIZES

FLASH AND CODE COMPETITION

1. FLASH - IDEATHON

- exclusively for TY ISLE members
- Present your ideas with a PPT.

2. CODE - PYTHON PROGRAMMING

- exclusively for 5Y students.

TIME: 9:30 AM
VENUE: JAYWANT AUDITORIUM
9TH APRIL 2025

Student coordinator
1- Saniya (9322908800)
2- Hitendra (7756304929)

Ms. Rashmi Ashok Panherkar
Faculty Coordinator

Dr. S. L. Chavan
HOD Electrical Engineering

The Department of Electrical Engineering at JSPM's RSCOE organized the ISLE Professional Chapter Inauguration on 9th April 2025, featuring expert talks by Dr. Prakash Barjatia, Ms. Ekta Sanghvi, and Dr. Gitanjali Mate. Flash and Code competitions were also held, encouraging innovation in lighting and automation. The event inspired students to actively participate in industry-relevant initiatives.

TECHNOGLIMSE Project Competition On 12/4/2025

One day event was organized by Electrical Engineering Dept. for all department Second- year and Third year Students, Under Electrical Engineering Student Association (EESA). Under this event, project competition was organized on Techglimpse 2k25".



IEEE- PES DAY CELEBRATION On 22/4/2025



A one-day IEEE PES Day Celebration was organized by the Electrical Engineering Department under IEEE for Second and Third-year students. The event featured a guest session by Ms. Ekta Sanghvi, a renowned Lighting Designer, who shared insights on sustainable lighting and innovations in the power sector.

Industry Visit

Industry Visit Nachi Electronics Date-16/1/2025



Industry Visit Sant Tukaram Sugar Factory Date-28-Dec-2024



FACULTY AND STUDENTS ACHIEVEMENT



Mr. R. Ankushe conducted MATLAB Workshop for Student



Successfully Completed 12 weeks of NPTEL course on NBA Accreditation and Teaching and Learning is proud to recognize as an **Silver medal**.



Design Patent By-Dr. S. L. Chavan, Ms.R.Panherkar,Dr.Visha Vashikar on topic Solar Panel Dry Cleaning Robot.

國立中山大學

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No. 70, Lienhai Rd., Kaohsiung 80424 Taiwan
Tel: +886-7-5252000 ext. 2126
Fax: +886-7-5252120
www.nsysu.edu.tw
E-MAIL:san@mail.nsysu.edu.tw

Letter of Acceptance

Ref. code:1140700491
Print Date:2025-06-09

Dear Aditi Prashant Deshmukh ,

On behalf of the Office of Academic Affairs, I am pleased to inform you that you have been admitted to Master of INSTITUTE OF INTEGRATED CIRCUIT DESIGN for Fall class of 2025.

In order to process your admission, please submit the following documents to Office of International Affairs by (semester start date), or your registration will be considered invalid (documents will be returned after verification by the Office of Academic Affairs):
(1). The authenticated highest-level diploma (or certificate).
(2). The authenticated highest-level cumulative transcript.
If any of the above documents are in languages other than English or Chinese, please provide the authenticated English or Chinese translation.

Please note that the above-mentioned documents should be authenticated by the R.O.C Embassy, Consulate Offices or Taipei Economic & Culture Office where the school is located. The original authenticated documents must be submitted and be accepted for degree verification.

If the documents mentioned above are not submitted before (semester start date) or are found to be false, you are unable to enroll.
The 2025 Academic Year will begin on , information on registration will be posted on the Office of Academic Affairs website at http://icikrs.nsysu.edu.tw/stu_enroll/.

We welcome you to our campus and look forward to seeing you soon.

Best regards,

Aichi Tsai

Aichi Tsai
Director of Registration Division
Office of Academic Affairs
National Sun Yat-sen University

Aichi Tsai
Director
Registration Division
Office of Academic Affairs
National Sun Yat-sen University

Aditi Deshmukh from Electrical Engineering got offer letter from NSYSU Taiwan for MS program.



Pranavi Bhosale was selected for the IEEE WIE Scholarship 2024–25, funded by Quest Global, and will receive a laptop under the Maharashtra Government's support initiative for female students.



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WELCOME

MR. RAHUL ANKUSHE

Research Adviser

Rahul Ankushe, Assistant Professor at RSCOE Pune, brings over 12 years of rich teaching and research experience, including six years at renowned government institutes like Government College of Engineering, Aurangabad, and SGGSI&T Nanded. He holds an M.Tech in Control Systems from WCE Sangli and has made notable contributions to the field through 12 Scopus-indexed international conference papers, two Q1 journal publications, and six patents. Known for his passion for innovation, Rahul is actively involved in curriculum design, academic mentoring, and interdisciplinary research. His commitment to academic excellence is reflected in his work on national and international research projects and industry collaborations. We are proud to welcome him to MYCrave Consultancy and Services as a Research Advisor, where his expertise will further accelerate our innovation-driven goals.



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Presented a Paper

1. Rahul Ankushe & Amruta Udupurkar has presented a paper titled Real time implementation of passive cell balancing and verification of MIL and SIL in MATLAB with paper ID 396 during the **3rd IEEE International Conference on Industrial Electronics: Development & Applications (ICIDEA 2025)** organised by School of Electrical Engineering, KIIT Deemed to be University, Bhubaneswar, Orissa, India during 21st-22nd February 2025 in association with IEEE Bhubaneswar Section.



2. Dr. Sudarshan L. Chavan, Manjusha A. Kanawade, Rahul S. Ankushe has presented a paper on topic An effective passive cell balancing technique for lithium-ion battery on ELSEVIER- Next Energy.

Next Energy 8 (2025) 100258



Short communication

An effective passive cell balancing technique for lithium-ion battery

Sudarshan L. Chavan, Manjusha A. Kanawade, Rahul S. Ankushe

Department of Electrical Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune, India



Mr. Rahul Ankushe as a Research Advisor in MYCrave Consultancy and Services.

PLACEMENT 2024-25

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Atish More **Brihat Oraon** **Gaytri Pate** **Om Jadhav**






Pawan Zarekar **Rohit Tupsamudre** **Shivraj Shinde** **Ritish Outtedar**

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Abhay Jadhav **Harshal Patil** **Rohit Suryawanshi**

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Celebrate Success !
Congratulations!
 Kudos to the Electronics and Telecommunication Engineering, Electrical Engineering student for getting selected at **Clinics on Cloud**! Your perseverance and passion have led you to this remarkable milestone. We extend our heartfelt congratulations on your success and eagerly anticipate the significant contributions you will make to the industry.

Placed in
Clinics on Cloud






Deepraj Malavade **Shruti Sonakanalli** **Khushi Kokane** **Priyanka Tandalekar**

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Batch of 2025
B.Tech Electrical Engineering




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Students Progression & Industry Relations Cell
 Department of Electrical Engineering

#RSCOE
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Batch 2025

Hearty Congratulations

Vaibhavi Tambore **Janhvi Kamble** **Vaishnavi Sarode**

B.Tech **B.Tech** **B.Tech**
Electrical Engineering **Electrical Engineering** **Electrical Engineering**


Selected in
KPIT

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Batch 2025

Hearty Congratulations


Ankita Misal **Harshal patil** **Kiran Mohite**

B.Tech **B.Tech** **B.Tech**
Electrical Engineering **Electrical Engineering** **Electrical Engineering**

Placed at
TATA POWER
Package 6.9 Lakhs

PLACEMENT 2024-25

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Shivraj Shinde
B.Tech
Electrical Engineering

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Aniket Halmadge
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Electrical Engineering

Ritish Guttadar
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Electrical Engineering

Sanika Sarvagod
B.Tech
Electrical Engineering

Shivkanya Ghanwate
B.Tech
Electrical Engineering

Karan Gunjal
B.Tech
Electrical Engineering





Mahesh Gaikwad
B.Tech
Electrical Engineering

Prachi Gaikwad
B.Tech
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Mitali Warhade
B.Tech
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Placed at
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Kiran Mohite
B.Tech
Electrical Engineering

Shantesh Maske
B.Tech
Electrical Engineering

Vaishnavi Sarode
B.Tech
Electrical Engineering

Siddhesh Malekar
B.Tech
Electrical Engineering


Placed at
Siemens Ltd.

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Accredited by NBA (UG Programs), Accredited by NAAC With "A" Grade/MHRD-NIRF Innovation
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Electrical Department

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B.Tech
Electrical Engineering

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Package
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