



Jayawant Shikshan Prasarak Mandal's
**Rajarshi Shahu College of Engineering,
Polytechnic.**

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Department of Electronics and Telecommunications Engineering

PRESENTS

“ELECTROTECH”

Building the future

Newsletter Date: 23th February 2025 (Ed.9)

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Editor: Mrs. S. D. Suryawanshi (Lecturer in E&TC)

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VISION STATEMENT

“To empower students of Electronics and Telecommunication engineering with relevant technical knowledge and practical skill to fulfill need of the industry and society”.

MISSION STATEMENT

M1: To create technical manpower for meeting the current and future demands of the industry.

M2: To prepare ethical professionals for successful carrier / entrepreneurship through lifelong learning”

M3: To inculcate moral and ethical values among the students and make them adopt to the professional services to serve the society.

A Message from Hon'ble Founder Secretary, JSPM Group of Institutes, Pune



Prof. Dr. T. J. Sawant
Founder Secretary
JSPM Group of Institutes, Pune

Jayawant Shikshan Prasarak Mandal (JSPM) and The Shetkari Shikshan Mandal Sangli, Pune (TSSM) have been established with the objective of creating centers of excellence for education in the field of Engineering, Medical, Pharmacy, Management, and Computing. We visualize that a social transformation can be brought about through the medium of dynamic education. JSPM and TSSM are thus institutions of higher education with social commitment.

With India & Indians, emerging as leaders across various professional sectors, it becomes an even greater challenge for the education sector to nurture and groom such abundant talent, which is all set to take industry's quest for excellence to dazzling new heights. It is in this same spirit of excellence, that we at JSPM have laid each brick.

We, at RSCOE, have created a learning culture, a friendly environment that facilitates complete development of our students. Our three-pronged focus on knowledge, skill and attitude is aimed at meeting the needs of our customers i.e. the industry. To achieve this, we have hand-picked the best faculty from diverse fields & expertise. We have invested in state-of-the-art facilities, infrastructure and skilled human resources to supplement the culture and environment of JSPM's and TSSM's good governance.

Moreover, it's our pledge to change in tandem with the changing requirements of the industry and mould, develop and nurture talent that will make the nation proud.

I hope you would be one of those fortunate students who would get an admission to one of our colleges. I am certain that your life at our campus will be academically fruitful and otherwise pleasant.

My best wishes to you for all the success in your professional career after graduation.

A Message from the Principal of RSCOE Polytechnic, Pune



Dr. S. S. Gaikwad
Principal
RSCOE Polytechnic, Pune

JSPM'S Rajarshi Shahu College of Engineering Shift Polytechnic was established in 2012 with the objectives of creating Centre of excellence for education in the field of engineering. The main objective behind starting the institute was to make technical education available to all who are desirous of achieving it.

I also visualized that a social transformation can be brought through the medium of dynamic education, Rajarshi Shahu College of Engineering Shift Polytechnic is thus, an institution of technical education with social commitment.

With India and Indians, emerging as leaders across various professional sectors, it becomes an even greater challenge for the education sector to nurture and groom such abundant talent, which is all set to take industry's quest for excellence for dazzling new height's.

We have created a learning culture, a friendly environment that facilitates complete development of students. Our three pronged focused on knowledge, skill and attitude is aimed at meeting the need of our customer, i.e. the industry. To achieve this we have handpicked the best faculty from diverse field and expertise. We have invested in state of art facilities infrastructure and skill human resources to supplement the culture and environment of the institute good governance.

Moreover, it is our pleasure to change in tandem with the challenging requirement of the industry and to mould, develop and nurture talent that will make the nation proud.

A Message from the Head of Department

I am so much pleased while writing this message. This is the ninth edition of the newsletter "ELECTROTECH", a half yearly newsletter.

I am sure that this newsletter provides firsthand information for the readers, students and parents about the activities and achievements of the institute.

This newsletter is a product of committee members. Heads of the Departments, teaching and non-teaching faculty.

Mrs. A. N. Dubey
HOD - Electronics and Telecommunication

Department of Electronics & Telecommunication Engineering

Program Outcomes & Program Specific Outcomes

PO's	Program Outcomes	
PO1	Basic and Discipline specific knowledge	Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
PO2	Problem analysis	Identify and analyze well-defined engineering problems using codified standard methods.
PO3	Design/development of solutions	Design solutions for well-defined technical problems with the design of systems components or processes to meet specified needs.
PO4	Engineering Tools, Experimentation and Testing	Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
PO5	Engineering practices for society, sustainability and environment	Apply appropriate technology in context of society, sustainability, environment and ethical practices.
PO6	Project Management	Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
PO7	Life-long learning	Ability to analyze individual needs and engage in updating in the context of technological changes.
PSO's	Program Specific Outcomes	
PSO 1	An ability to make use of acquired technical knowledge to maintain various Electronics & Telecommunication Engineering systems.	
PSO 2	Develop Electronics & Telecommunication Engineering products using different advanced technology & tools.	

Contents of this Newsletter



Academic Achievements

For the Academic Year 2024-25, below students secured the highest positions in the department of Electronics and Telecommunications Engineering.

Congratulations!

Sr. No	Name of Student	Division	Percentage
1.	ADITYA SACHIN KARJATKAR	FYEJ	85.65%
2.	JADHAV ARYAN CHANDRASHEKHAR		84.35%
3.	SHRADDHA HIRVE	SYEJ	90.40%
4.	SHRUTI NIMBALKAR		88%
5.	ARYAN AICH	TYEJ	95.58%
6.	AMAN DALAL		92.4%

Induction Program for FY



Internships

For SYEJ of academic year 2024-25, two companies took interest in providing internships to a large batch of students.

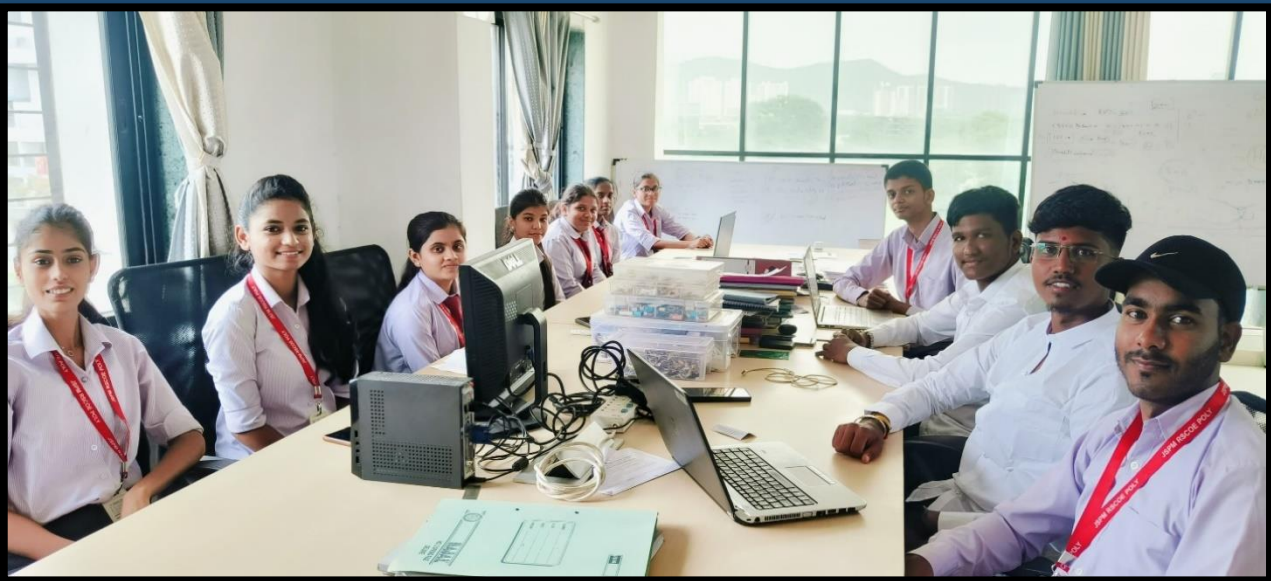
Company	Title of Internship	Description	Date
GTT Foundation and Barclays	Barclays LifeSkills Programme	An internship that taught enrolled students various soft skills and other chapter skills that is used in both daily and professional lives.	10 th June to 12 July
Yashka Infotronics Pvt. Ltd.	Six-week Internship for Electronics Engg.	An internship that focused on electronics skills and PCB designing – two brilliant skills to obtain for the Electronics branch.	3 rd June to 13 th July



RSCOEP Newsletter 2024-25 (ODD) 1: GTT Foundation - LifeSkills Programme Session



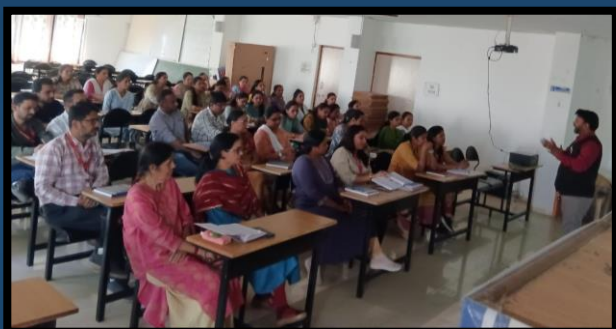
Students in Internship at Yashka Infotronics:



Guest Lectures

Following is the list of expert lectures arranged by the department for enhancing knowledge of students as well as the faculty:

Expert Lecture	Resource Person	Description	Date
Generative AI Seminar	Puneet Sharma, Senior Technical Instructor, AWS.	A seminar for Female students that focused on understanding generative AI, practical uses, various models, building our own app.	22 nd July 2024
Career in Germany	Leo & Sagittarius	This session covered the advantages and benefits of pursuing a career in Germany and how students could leverage these opportunities for their professional growth.	30 th August 2024
Innovative Teaching Methods by	Dr. Ayub Shaikh	Dr. Ayub Shaikh is an Assistant Manager at JSPM with expertise in Teachers Training in Engineering Colleges and Mentorship.	23 rd January 2025
FDP on IP and IPR Awareness	Adv. Mr. Anand Mahurkar	The IP and IPR Awareness program focused on explaining Patenting, Copyrights, and Intellectual Property. This program was beneficial to third year students who were interested in patenting their projects.	25 th January 2025



RSCOEP Newsletter 2024-25 (ODD) 2: Innovative Teaching Methods Session





RSCOEP Newsletter 2024-25 (ODD) 3: FDP on Intellectual Property and its Rights.



RSCOEP Newsletter 2024-25 (ODD) 4: TYEJ Group photo with Adv. Sir Anand Mahurkar.

Social Activities

The department has conducted the following extra-curricular activities that provide a teaching experience other than engineering subjects.

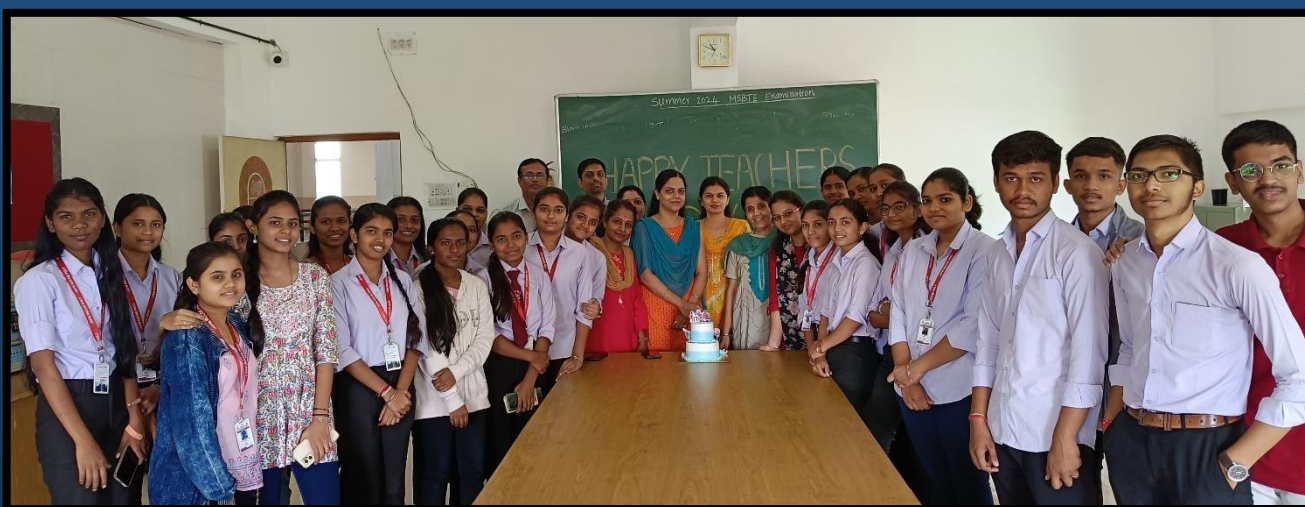
Social Activity Performed	Description of Activity	Date of Activity
Independence Day Celebration	On the occasion of Independence Day, the TYEJ class initiated a group photo with a common dress code and a large flag at the middle of photograph. The common dress code symbolized unity, and a large flag in the middle symbolized our pride for the nation.	20 th August 2024
Guru Purnima Celebration	Display of homemade cards to teachers with guru Poornima themed designs and art. A card competition type of event was done.	31 st August 2024
Teachers' Day Celebration	All students showed their gratitude and appreciation towards their teachers for technical knowledge they impart & extend.	7 th September 2024



RSCOEP Newsletter 2024-25 (ODD) 5: TYEJ Class Photo on the occasion of Independence Day.



RSCOEP Newsletter 2024-25 (ODD) 6: Guru Poornima Speech Photograph.



RSCOEP Newsletter 2024-25 (ODD) 7: Teachers' Day Celebration Class Photograph.

Industrial Visits

The department has conducted the following co-curricular activities that provide a practical demonstration of the usage of subjects that are taught theoretically.

Industry Visited	Description of Visit	Date of Visit
Perfect Electronics, Shivane	The visit intended to show students an industry that runs business purely on soldering and PCB assembly skills. The industry catered to assembly solutions of PCBs.	16 th October 2024



Major Student Chapter Activities

The Electronics and Telecommunication Engineering Student's Association (ETSA) had organized two events in current semester:

Events Conducted	Description of Event	Date of Event
Hindi Diwas	The Hindi Diwas celebration was a resounding success, fostering a sense of pride and appreciation for the Hindi language among participants. The events encouraged active engagement, creativity, and a deeper understanding of the cultural significance of Hindi.	16 th September 2024



Co-curricular Activities

Following are some activities organised by the E&TC Department and its ETSAA committee, for students of all departments to improve their practical knowledge.

Activity Name	Resource Person(s)	Description of Activity	Date of Activity
Mock Interview	Mr. Vishwanath Bhivase, SP&IR Officer RSCOEP.	A mock interview was conducted which involved all students having a 1 to 1 discussion and create an experience for the students that will help in future.	06/08/24
Workshop on Essentials of Automation and Robotics	Dr. Avinash Badadhe Prof. Chandan M. N. Prof. Parag Thote	Following were the topics covered: <ul style="list-style-type: none"> • Types Of Automation And Robotics • Elements Of Automation And Robotics. • PLC Electro-Hydraulics And Robot Programming. • Robot Law And Joints • Ladder Programming 	13/08/24 to 21/08/24



RSCOEP Newsletter 2024-25 (ODD) 8: Lecture on Automation and Robotics.



RSCOEP Newsletter 2024-25 (ODD) 9: Practical Session for PLC and Robotics Demonstration.



RSCOEP Newsletter 2024-25 (ODD) 10: Picture of a COBOT.



RSCOEP Newsletter 2024-25 (ODD) 11: Felicitation of Dr. Avinash Badhade sir - Head of Automation and Robotics Branch

Extra-curricular Activities

Activity Name	Description of Activity	Date of Activity
State Level Paper Presentation	On the academic year 2024-25, a state-level paper presentation was held at PCCOE, Pimpri-Chinchwad College. Two students from this department secured <u>Second Position</u> in the competition.	21 st September 2024
Placement at Wipro	Mr. Musaif Attar from TYEJ of E&TC Dept. was selected in Wipro by the SIM (School for IT Infrastructure Management) program.	22 nd October 2024
Bajaj Auto Ltd. Placement Drive	Bajaj Auto Ltd. offered a job opportunity to diploma students of DTE Trainee under NATS (for Assembly Line & Production).	16 th Jan 2025



*RSCOEP Newsletter 2024-25 (ODD) 12:
Placement Poster at WIPRO.*



RSCOEP Newsletter 2024-25 (ODD) 13: Bajaj Auto Ltd. Placement Drive - Day end group photoshoot.