Department of Electronics and Telecommunications Engineering

PRESENTS

"ELECTROTECH"

Building the future

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.

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 mound, 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

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.

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

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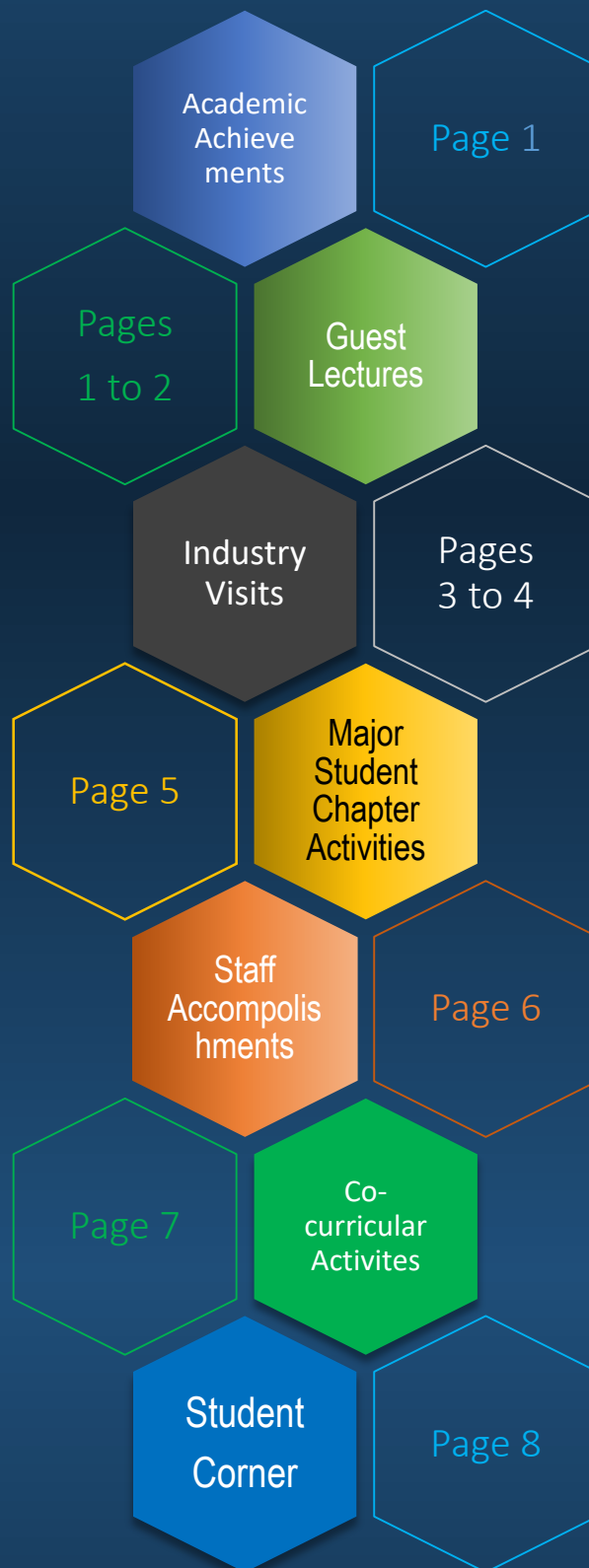
Mrs. A. N. Dubey
HOD - Electronics and Telecommunication

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 2022-2023 year-end semester, below students secured the highest positions in the department of Electronics and Telecommunications Engineering.
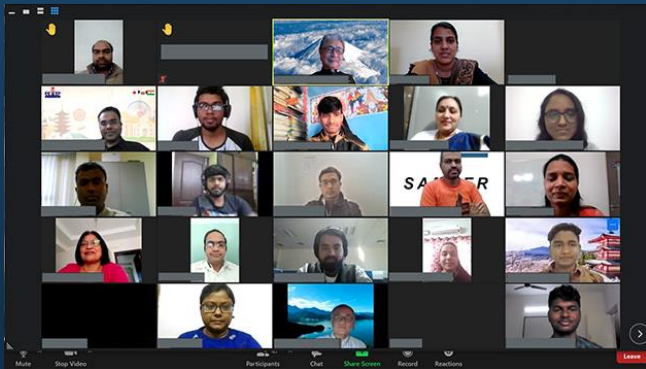
Congratulations!

Sr. No	Name of Student	Division	Percentage
1	ARYAN AICH	FYEJ	85.86%
2	DALAL AMAN AHAMEDHUSEN		84.71%
3	ALEGAVI SHRADDHA IRANNA	SYEJ	85.53%
4	JADHAV AISHWARYA CHANDRASHEKHAR		84.82%
5	SURYAWANSHI ASHWINI SUDAM	TYEJ	94.21%
6	PIRJADE UMAR MURTUZA		89.47%

Guest Lectures

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

Expert Lecture	Resource Person	Date
How to Successful in Technical Life?	Mr. Namdeo Babar.	15/09/2022
Introduction to Internet of Things	Mr. Sanmitra Mainkar	18/09/2022
Capstone Project Learning to learn	Mr. Hanumant Tormal	8/10/2022
Introduction to JSPM University	Mr. Vishal B. Raskar	12/10/2022

The next page shares multiple photographs regarding the above events.

RSCOEP Newsletter 21-22 3: Full Stack Development Expert Lecture

RSCOEP Newsletter 21-22 2: Expert Lecture on How to be Successful in Technical Life.

RSCOEP Newsletter 2022-23 1: A future advisory class for TYEJ students and an introduction to JSPM University.

RSCOEP Newsletter 21-22 1: Capstone Project Expert Lecture

Industrial Visits

Students of TYEJ had visited the following places in order to realize a practical application and business of concepts they are taught in classrooms.

Sr. No.	Industry Type	Description of Visit
1.	Automated Robotic-arm based Fabrication Industry	This industry visit focused on displaying the use of robotic arms in fabrication processes like welding, bending, cutting, and assembling metal or other heavy bodies with high precision. The visit also showed a simultaneous application of PLC based controlling, and Industrial Automation.

Major Student Chapter 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
Teachers' Day Celebration	Students of SYEJ and TYEJ had organized a Teachers' Day Celebration to deliver their gratitude and reward their efforts with a wonderful event.	5th September, 2022

Staff Accomplishments

Following are the Faculty Development Program conducted by the Department.

Sr. No.	FDP / STTP	Description
1.	**An FDP on** "Industry 4.0 and its applications"	National level Three Days FDP on **"Industry 4.0 and its Applications"** in associated with ISTE, New Delhi.
2.	**FDP on** "Cables"	National Level Three Days FDP on "Cables."

Students of TYEJ performed the following co-curricular activities to enhance their theoretical knowledge:

Sr. No.	Activity Name	Description of Activity
1.	**VLSI on Xylinx**	Through the Xylinx software, students studying VLSI had simulated FPGA programming for knowing how VLSI works.

Here its student's creativity and hobbies are highlighted with some snapshots.

Drawings and Paintings: