Department of Electronics and Telecommunications Engineering

PRESENTS

"ELECTROTECH"

Building the future

Newsletter Date: 20th September 2023 (Ed.4)
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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 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

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 fourth 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, 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	HERAMB PARAG VELDE	SYEJ	89.11%
4	ALEGAVI SHRADDHA IRANNA		88.22%
5	SURYAWANSHI ASHWINI SUDAM	TYEJ	89.88%
6	PIRJADE UMAR MURTUZA		87.82%

Guest Lectures

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

Expert Lecture	Resource Person	Description	Date
Monochrome Television System	Mr. Sushil Jadhav	He shared the basic concept of monochrome TV and its complete working with PPT presentation.	26/03/2023
Transformers	Mr. Rajashri Gite	She shared the concept, working and applications of Transformer in detail.	26/04/2023
Infosys – Event for Girls	Infosys	Infosys had held a Women Empowerment Session for all the female students in FYEJ.	22/03/2023
Digital Literacy Initiative	Infosys	This event focused on distributing free Samsung tablets to students with good performance as a motivation to keep learning.	17/02/2023

RSCOE Newsletter 2022-23: 1 - Guest Lecture photograph.

RSCOE Newsletter 2022-23: 2 - Infosys Springboard Tablet Distribution Ceremony.

RSCOE Newsletter 2022-23: 3 - Infosys Women Empowerment Session.

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
Tree Plantation	The objective of this event was to teach students, how we can save our climate from pollution. This was a great initiative to make our atmosphere neat and clean.	28/04/2023
Temple Cleanliness	Students cleaned the temple premises and the nearby park, along with the rooftops of the temple.	26/02/2023
International Women's Day	Department had organized the speech of Dr. Reshma Shegokar.	8/03/2023

RSCOE Newsletter 2022-23: 4 - Temple Cleanliness Drive Photograph.

RSCOE Newsletter 2022-23: 5 - Tree Plantation - Students plant a sapling.

RSCOE Newsletter 2022-23: 6 - International Women's Day Celebration - Feliciation and Seminar Hall 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
Science Park Chinchwad, Kalewadi Road	The Pimpri Chinchwad Science Centre has been set up by National Council of Science Museums, an autonomous society under the Ministry of Culture, Government of India.	28/02/2023
Bisleri International Pvt. Ltd., Kamshet, Pune	There students get knowledge of use of automation in industries. Also got practical application of control system and PLC.	22/03/2023

RSCOE Newsletter 2022-23: 7 - Class photoshoot at Bisleri Plant.

RSCOE Newsletter 2022-23: 8 - RSCOEP Students at Science park.

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
Shiv-Jayanti Celebration	- Students had organized some events on that day, such as POWADA singing. - Some students shared their thoughts about Chhatrapati Shivaji Maharaj. - A game was arranged for the faculty – comprising of identifying forts, and more.	18/02/2023
National Mathematics Day	- Students invited the mathematics faculties on this occasion and share their feelings about the subject. - Also, faculty shared their thoughts about importance of maths on that day.	24/2/2023

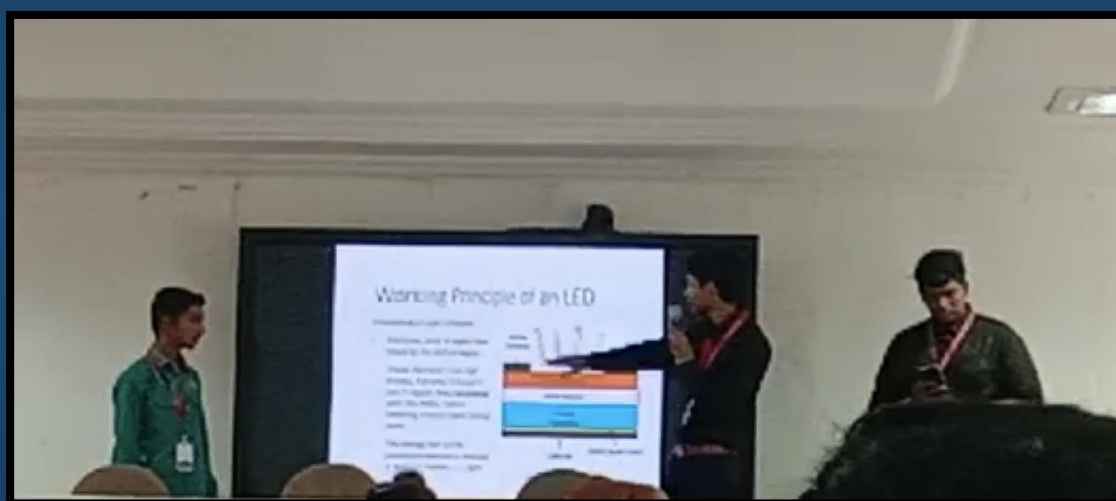*RSCOE Newsletter 2022-23: 10 - Shiv Jayanti Day - Performance Felicitation.*

RSCOE Newsletter 2022-23: 9 - National Mathematics Day - Certification Photoshoot.

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	Description of Activity	Date of Activity
Workshop on Different Types of Cables	Mr. Pradeep Ramakhani	He taught the students about various types of cables that are used everywhere for various applications.	30/4/2023
RACHANA – Paper presentation competition	College based.	TYEJ students had participated in this competition, showcasing their findings regarding their topics on front of a panel of esteemed and experienced judges.	4/5/2023
National Science Day – Quiz Competition	ETSA committee	Quiz competition on the occasion of National science day was organized for students of all branches.	28/2/2023
Paper Presentation	College based.	This activity consisted of students from FYEJ presenting their IEEE papers chosen on technical topics like electrical components.	08/04/2023

RSCOE Newsletter 2022-23: 11 - Paper Presentation of FYEJ - Seminar Hall View.

RSCOE Newsletter 2022-23: 12 - Group photo of FYEJ after the Paper Presentation.

Newsletter 2022-23 1: Paper presentation of TYEJ.