



Jayawant Shikshan Prasarak Mandal's

# RAJARSHI SHAHU COLLEGE OF ENGINEERING, PUNE-33

(An Autonomous Institute, Affiliated to SPPU, Approved by AICTE)  
(Jan. 2021-June 2021)



## Chief Patron

- Hon. Dr. T.J. Sawant  
Founder Secretary, JSPM

## Patron

- Dr. Ravi Joshi,  
Director JSPM
- Dr. P.P. Vitkar,  
Executive Director, Tathwade Campus
- Prof. S.L. Bhilare,  
Assi. Executive Director
- Shri Ravi Sawant,  
Campus Director

## Editorial Board

- Chief Editor:  
Dr. R.K. Jain,  
Director
- Co-Editor:  
Prof. A.S. Devastathli,  
Deputy Director
- Coordinator:  
Dr. R.A. Dubal,  
Prof. Civil Dept.

## Members

- Dr. S.C. Patil,  
Dean R&D
- Dr. R. B. Joshi,  
Dean Academics
- Dr. S. G. Kandalkar,  
Dean Admin
- Dr. P.B. Kumbharkar,  
Dean P&D
- Dr. R.A. Dubal,  
Dean Students Affairs
- Dr. Tanuja Dhope,  
Dean International Relations
- Dr. S.P. Borde,  
Dean Industry Relations & Student Progression
- Dr. R.B. Joshi,  
HoD IT
- Dr. S.V. Kedar,  
HoD Computer
- Dr. S.C. Wagaj,  
HoD Extc
- Dr. A.R. Patil,  
HoD Civil
- Dr. A.M. Badadhe,  
HoD Mechanical
- Dr. S.L. Chavan,  
HoD Electrical
- Dr. S.M. Yadav,  
HoD ESH
- Dr. A.A. Choudhari,  
HoD MBA
- Dr. Rinku Dulloo,  
HoD MCA



Rajarshi Shahu College of Engineering is one among the hallmark institutes of Pune, established in 2001 with the aim of providing quality technical education and excellence in the ever expanding horizon of technical revolution of 21st century. The institute is becoming an icon in the field of Engineering education in the state of Maharashtra. It is nurtured and managed by Jayawant Shikshan Prasarak Mandal Trust. The Institute is approved by the All India Council for Technical Education (AICTE), New Delhi and Govt. of Maharashtra affiliated to Savitribai Phule Pune University.

All under graduate programs have been accredited by National Board of Accreditation New Delhi, three times. RSCOE is also accredited by NAAC with "A" grade (CGPA 3.26). Recently UGC has accorded Autonomy to RSCOE which empower RSCOE to design contemporary curriculum, which is relevant to industry so as to maximize employability of graduates. The institute has received "Best Professional College Award (Urban Category)" by SPPU, Pune. The institute is also listed in 2(f) and 12(b) category of UGC Act. Institute is winner of AICTE-CII award in Platinum Category for consecutive two years 2017-18, 2018-19. Govt of India, MHRD – NIRF has ranked RSCOE in band of top 201 to 250 colleges of India, in the year 2020. From academic year 2019-20 UGC has confirmed autonomous status to the college. RSCOE is ranked 103 at India Level by India Today, survey conducted by India Today – MDRA, 2020.

The institute has 4 post graduate programs of Engineering (ME-Computer, ME-VLSI and Embedded system, ME - Structures, ME – Design) and one each of MBA, MCA. RSCOE is a recognized "Ph.D. Research Center" for Mechanical, Civil and E&TC by SPPU.

Commitment of RSCOE is reflected by exemplary campus placement, toppers at university examination and the patents filled in the area of technology and design. The infrastructure at RSCOE is conducive for research and has Lush Green Campus with State of Art Infrastructure Separate Hostels, Gym and fleet of buses.

## VISION

“To satisfy the aspirations of youth force, who want to lead the nation towards Prosperity through techno-economic development.”

## MISSION

“To provide nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards”.

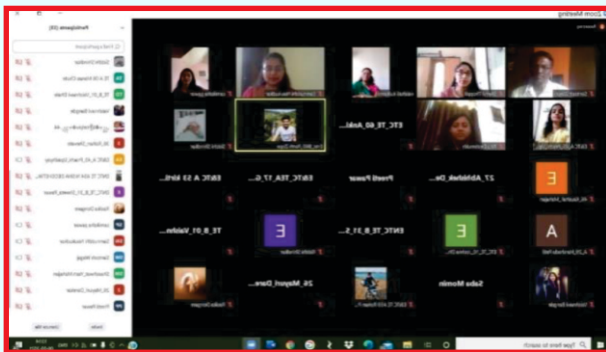
## QUALITY POLICY

“We at Rajarshi Shahu College of Engineering are committed to maximize student satisfaction through improved performance by imparting value based quality education”.

## MILESTONES ACHIEVED

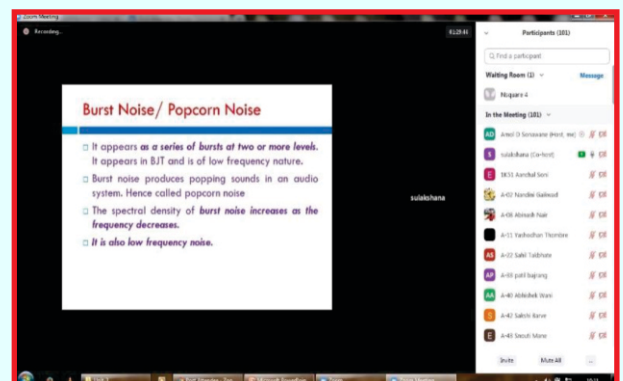
- Permanent affiliation to all courses from SPPU.
- Achieved Platinum Category in AICTE-CII Survey.
- An Autonomous Institute Affiliated to Savitribai Phule Pune University.
- Collaborations with Industries like Bentley Systems, Zensar, TCS, Organic BOTS, Persistent, Microsoft, DELL EMC, Cypress Semiconductors, Bizgaine Technologies Pvt. Ltd. etc
- RSCOE is ranked 103 at India Level by India Today, survey conducted by India Today – MDRA, 2020.

## WORKSHOP/SEMINAR/TRAINING/STTP/FDP ORGANIZED BY DEPARTMENTS

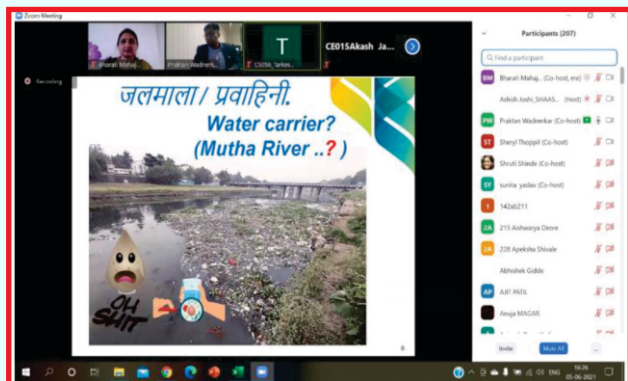


- Webinar on “**Women's day Program**” was organized by Electronics & Telecommunication Department on 8th March, 2021 for female students and staff. The coordinator were Dr. S.C. Patil & Dr. S.A. Bhisikar.

- Webinar on “**Analog Communication-Noise**” was organized by Electronics & Telecommunication Department on 17th March, 2021 for S.Y. B.Tech students. The resource person was Prof. S. S. Patil and the coordinators were Dr. T. S. Dhope & Prof. A. D. Sonawane.



- A session on “**Job Opportunities for Mechanical Engineering students in and after COVID-19**” was organized by Mechanical department on 16th May 2021. The expert was Dr. Pardeshi from COEP, Pune.



- A discussion session was organized on “**River pollution (Journey of Rivers)**” by Civil department on 5th June 2021. The expert was Praktan Wadnerkar, Environmental Scientist, Australia.

## WORKSHOP/SEMINAR/TRAINING/STTP/FDP ATTENDED BY FACULTY

- Dr. S.C. Wagaj attended NPTEL online certification by IIT Roorkee from Jan-March 2021.
- Dr. Tanuja Dhope attended FDP on “**Fundamentals of AI & ML**” at ICT academy during 10th - 14th May 2021.
- Dr. S.A. Bhisikar attended FDP on “**Improving Excellence in Teaching**” at APCOER, Pune during 24th -30th April 2021.
- Dr. S.A. Bhisikar attended FDP on “**Machine Learning and its Applications**” during 16th - 20th March 2021.

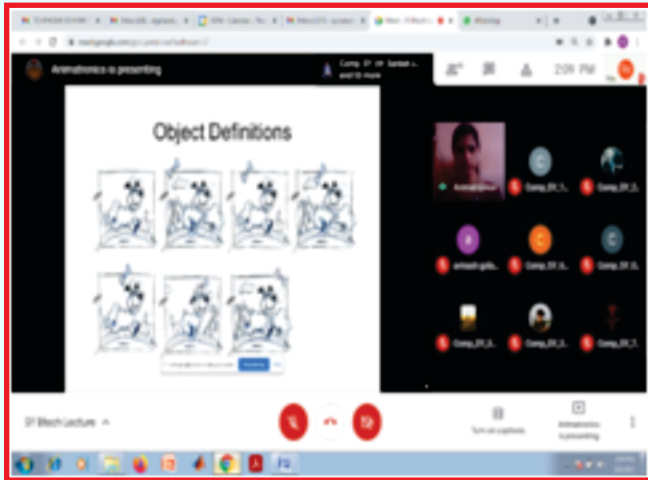
## RESEARCH PAPER PUBLICATIONS

- Dr.DhokeTanuja S. published a paper on “**Air quality prediction in Mumbai city using Machine learning based-Predictive models**” at International Journal of Future Generation Communication and Networking Jan 2021.
- Dr P. M.Ghate published a paper on “**Model for Conversion ofBiodegradableWasteinto OrganicFertilizer**” at TESTEngineeringandManagement in March-April 2020.
- Prof. Kale Swati D. presented a paper on “**Development of Early Warning and Monitoring System for Perishable Food in Cold Chain**” at International conference on convergence of smart technologies, Jan 2021.



- Prof. Sonawane Shilpa A. presented a paper on “Hybrid Approach on Mouth Detection” at Second IC on Smart Automation in Computer, Electrical, Electronics and Communication Engineering” [ICSA-2021], April 2021.
- Dr. Shahapure Shrishaila Sivabasapa presented a paper on “**Application of Two Dimensional HEC-RAS model for Flood Susceptible Analysis ‘ A case study Pandharpur City’**” at 24th hydro 2019 International Conference Osmania University Hyderabad India 2021.

## PROFESSIONAL CHAPTER ACTIVITIES



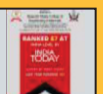
- Expert Session on “**Computer Graphics and Animation**” was organized by Computer Department under ACM on 6th May 2021. The expert was Prof. Uma B. Karanje. The coordinator was Prof. A. L. Golande.

## GLIMPSES OF ACTIVITIES

- Industrial Visit to Auto Cluster, Chinchwad MIDC, Pune on 15th June 2021. The coordinators were Prof. Nitin Jadhav, Prof. B. D. Kshirsagar and Prof. Narendra Bhopale



JSPM's  
**Rajarshi Shahu College of Engineering**  
Pune-411033



ALL UG  
Courses

Grade 'A'  
CGPA 3.26

Platinum  
Grade

NIRF  
201-250

2F & 12b  
by UGC

India  
Today  
Award

Accredited  
by  
TCS