



Jayawant Shikshan Prasarak Mandal's

# RAJARSHI SHAHU COLLEGE OF ENGINEERING, PUNE-33

(An Autonomous Institute, Affiliated to SPPU, Approved by AICTE)  
(July 2020-Dec. 2020)



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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.

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”.

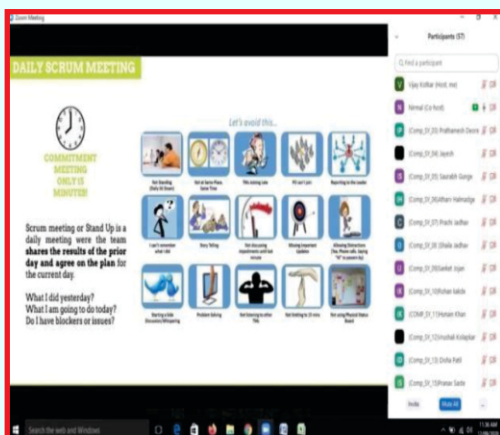
## QUALITY POLICY

“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.
- Foreign Language (Japanese and German) training On Campus.
- Professional Membership/Chapters with IEEE, CSI, ASME, ARAI, ASCE, ISHRAE, MCCIA, SAE, IE(I), FPSI, ISME, ISTE, ISE, IETE, IMS, IGS, ICI.
- RSCOE ranked in band of top 201 to 250 colleges of India, in the year 2020 by MHRDA-NIRF.

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



- An expert session on “**Software Engineering**” was organized by Computer Department on 12th Sept.2020 for S.Y. Students. The resource person was Mr. Nirmal Choudhari, Globant India Pvt. Ltd. Pune. The coordinator was Prof. V. A. Kotkar

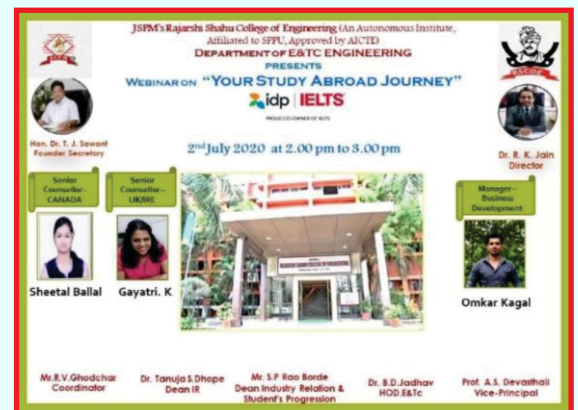
- An expert session on “**Mechatronics**” was organized by Mechanical Engineering Department on 9th Nov. 2020 for T.E. and B.E. Students. The resource person was Mr. Rohit Ghosh, Educationist & Entrepreneur, Skill Edge, India.



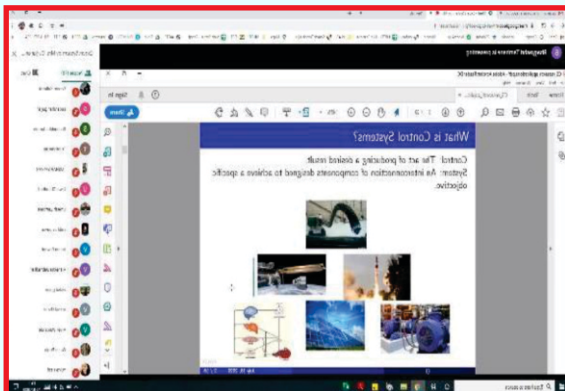
- Virtual Exhibition on Design and Innovation 2019-20 was organized by Mechanical Engineering Department on 6th – 7th Nov. 2020. The experts were Mr. Rajendra Raut, Mr. Vikram Gaikwad, Mr. Sandip Shinde.



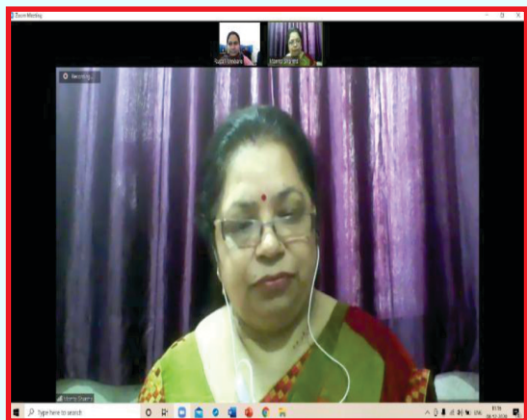
- A webinar on “**Your Study Abroad Journey- ELTS**” was organized by Electronics & Telecommunication Department on 2nd July 2020 for T.E. and B.E. Students. The resource person was Ms. Rani Gupta. The Coordinators were Dr.T.S. Dhope and Mr. R.V. Ghodchar.



- An expert session on “**Control System Applications: A Research Perspective**” was organized by Electrical Engineering Department on 16th July 2020 for TE and BE students. The resource person was Dr. Mrs. B Gurjar PDRF SYSCON IITB. The coordinator was Dr. Mrs. Trupti Hinge.







- A session **“Human Values and Ethics”** was organized by IT Department on 8th dec. 2020 for S. Y. B.Tech. students. The resource person was Dr. Mamta Sharma. The coordinator was Prof. R.T. Umbre.

- A Webinar on **“How to Crack on Interview Skills -II”** was organized by MCA Department on 13th July 2020 for MCA- II & III students. The resource person was Prof. Abhijeet Pradhan, MBA Dept. RSCOE. The coordinator was Prof. Mrs. Bhagyashri S. Deshpande.



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

- Prof.R.A.Deshmukh attended **“IEEE Women in Engineering”** Women Symposium 2020 at IEEE pune section from 20th -2st Nov. 2020.
- Prof.M.R.Shahade attended **“Cyber and Network Security Infrastructure Configuration”** at Bharati Vidyapeeth COE, Pune Sponsored by AICTE during 30th Nov – 5th Dec. 2020.
- Dr.S.N.Khan attended STTP on **“Nanotechnology Science and Applications”** at JSPM’s Rajarshi Shahu College of Engineering, Pune during 26th -30th Oct. 2020.
- Dr.D.M.Mate attended FDP on **“Research Techniqueand Sustainable Development in Mechanical Engineering”** at St. John College of Engineering and Management, Palghar during 12th -17th July 2020.
- Prof.C.V.Rane attended FDP on **“Recent Advances in Biomedical applications and Communication Networks”** at GMR Institute of Technology, Rajam, AP, India during 13th - 18th July 2020.
- Prof.S.D. Kale attended International Faculty Development Program on **“Research Methodology and Techniques”** at Sandip Institute of Engineering and Management Nashik during 4th -6th July 2020.

- Prof. A.D. Sonawane attended Webinar on **“Enhancing Quality Culture in Technical Institute through online teaching for OBE”** at AISSMS COE, Pune on 5th July 2020.
- Dr. Minaxi Rai attended online training by NERIWALMI ON **“PLANNING AND DESIGN OF IRRIGATION CANALS”** during 27th -29th Oct. 2020.
- Prof. U.A.Mahadik attended FDP on **“Pedagogical training for effective online teaching and learning”** at JSPM’s RSCOE during 11th -20th Aug. 2020.
- Dr. Binod Kumar, Prof. Bhagyashri Deshpande, Prof. Mahesh Kadam, Prof. Vaishali Suryawanshi, Prof. Deepak Kadve, Dr. Snehal Godse attended STTP on **“Research Methodology and Data Analytics”** at Computer Engineering Dept. RSCOE during 14-19th Dec. 2020.

### STUDENTS ACHIVEMENTS

- Prof. Deepali Surana , Akshay Hood (MBA II), Sakshi Sarode (MBA I) won 1st prize in 1st International Online Case Study Competition 'Curious 2020'. The prize includes Rs.51000, Trophy and certificates.

### RESEARCH PAPER PUBLICATIONS

- Dr. S.V. Kedar published a paper on **“Survey on Author Identification Using Signature Verification”** at International Journal of Future Generation Communication and Networking, Aug 2020.
- Dr. P. B. Kumbharkar published a paper on **“Malicious URL Detection Using Machine Learning”** at International Journal of Grid and Distributed Computing, Aug 2020.
- Dr. N.K. Nath published a paper on **“Higher order refined computational model using post processing for the transverse shear and transverse normal stress in composite plates”** at International Journal of Mechanical Engineering and Technology (IJMET), Volume 11, Issue 7, July 2020.
- Prof. N.K. Purwant presented a paper on **“Performance Investigation of Photovoltaic-Thermal (PVT) Solar Collector Using Effective Cooling Techniques: Review”** at 3rd International Conference on “Advanced Technologies for Societal Applications”, at SVERI’s College of Engineering, Pandharpur, during 11th -12th Dec. 2020.

- Prof.Swati D. Kale presented a paper on **“Need for Predictive Data Analytics in Cold Chain Management”** at International Conference on Advances in VLSI & Embedded Systems (AVES-2019), Springer (Lecture notes in Electrical Engineering), Sept. 2020.
- Prof. Seema Patil, Ms. Nilima Pote, Mr. Rahul Bhoite published a paper on **“Numerical Study on Seismic Behavior of Stiffened Steel Plate Shear Wall”** at International Journal of Engineering Research & Technology (IJERT) Sept. 2020.
- Prof. Bharati V Mahajan published a paper on **“Water Lettuce for the Improvement of River Water Quality in Pune Metropolitan Area”** at Recent trends in Civil Engineering, Singapore, Sept. 2020.
- Dr. S L Chavan published a paper on **“A simplified state-space model for performance analysis of proton exchange membrane fuel cell”** at Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Sept. 2020.
- Dr. Binod Kumar published a paper on **“Web Page Prediction Using Genetic Algorithm and Logistic Regression based on Weblog and Web Content Features, Publisher”** at ICESC, Aug. 2020.

#### AWARDS/ACHIVEMENTS BY THE FACULTY

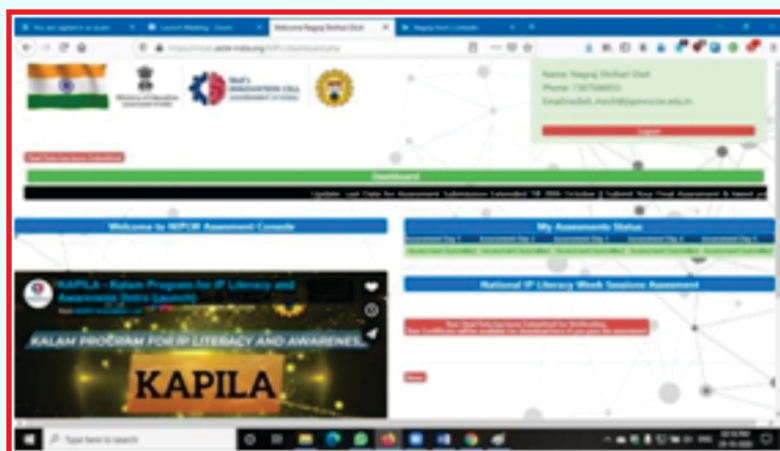
- Prof. G.A. Sayyed awarded as **‘Best Coordinator’** in State of Maharashtra for successfully conducting New India Learthon 2020 by ICT Academy in July 2020.
- Dr. Binod Kumar awarded as **‘Distinguished Professor Award 2020’** by Bestow Edutrex International, July 2020.
- Dr. Binod Kumar awarded as **‘InSc Research Excellence Award 2020’** by Institute of Scholars, July 2020.
- Dr.Meenakshi Duggal awarded as **‘Eminent Professor Award’**, by International Association of Educators and Corporate Trainers (IAECT2020), Oct. 2020.

## PROFESSIONAL CHAPTER ACTIVITIES



- An Expert session on “**Agile Methodology**” by was organized by Computer Department on 31st Aug. 2020. The expert was Mr. Vaibhav Kshirsagar, Test Manager, Vodafone Shared Services. The session was organized under ISTE.

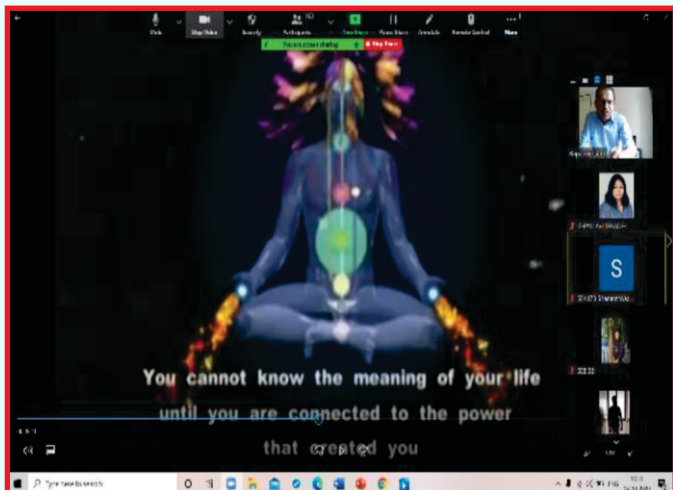
- Webinar on “**Kalam Program for IPL literacy and Awareness(KAPILA)**” was organized under Innovation Cell during 15th Oct – 23rd



## PLACEMENTS

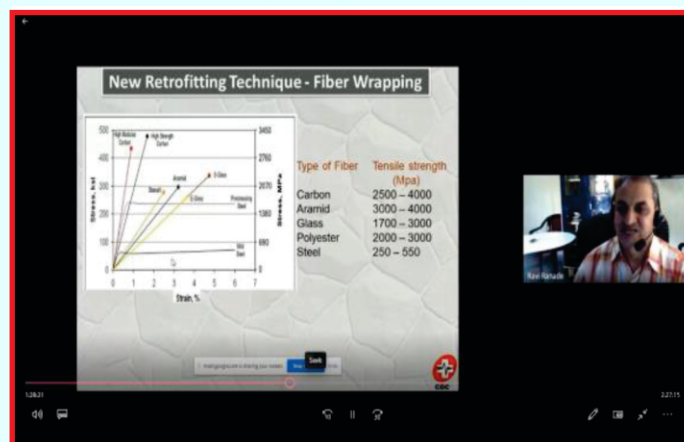
- **No. of Company Visited- 170+**
- **No. of Students placed- 521**
- **No. of Offers- 650+**
- **Maximum Salary- 18 LPA**


## GLIMPSES OF ACTIVITIES




- Session on “**Meditation**” was organized by IT Department for S. Y. B.Tech. on 24th October 2020. The speaker was Mr. Nitin Birajdar. The coordinator was Prof. R.T.Umbare.








- Expert session on “**Retrofitting and strengthening of RCC Structures**” was organized by Civil Engineering Department by Prof. Ravi Ranade on 30th Aug. 2020.





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



 NBA NATIONAL BOARD OF ACCREDITATION	 NAAC Grade 'A'	 AICTE CH SURVEY Platinum Grade	 NIRF 201-250	 UGC 2F & 12b by UGC	 India Today Award	 Accredited by TCS
ALL UG Courses	Grade 'A' CGPA 3.26	Platinum Grade	NIRF 201-250	2F & 12b by UGC	India Today Award	Accredited by TCS