



Jayawant Shikshan Prasarak Mandal's

RAJARSHI SHAHU COLLEGE OF ENGINEERING, PUNE-33

(An Autonomous Institute, Affiliated to SPPU, Approved by AICTE)
(July 2021-Dec. 2021)



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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 curriculum is designed in collaboration with various MNCs and IIT like TCS, Persistent, KPIT, Veritas, Bentley Systems, BAI, IIT Ropar etc. 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 251 to 300 colleges of India, in the year 2020. From academic year 2019-20, UGC has confirmed autonomous status to the college. RSCOE is ranked in top 100 at India Level by India Today and outlook, survey conducted by India Today – MDRA and Outlook, 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.

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.
- Ranked in top 100 at India Level by India Today and outlook , survey conducted by India Today – MDRA and Outlook, 2020.

B.E/F.E. TOPPERS 2020-21

Computer Engg.



BENDALE NEHA DEEPAK
CGPA- 10.00

IT



POOJA SABNE
CGPA 9.72

ExTC Engg



UDHANE SHIVANI,
CGPA- 9.71

Electrical Engg.



MR. ANIKET MANE
CGPA – 9.26

Mechanical Engg.



DEOSTHALI ANKITA A.
CGPA – 9.74

Civil Engg.



SHAIKH ARBAAZ
CGPA – 9.12

Engg. Science



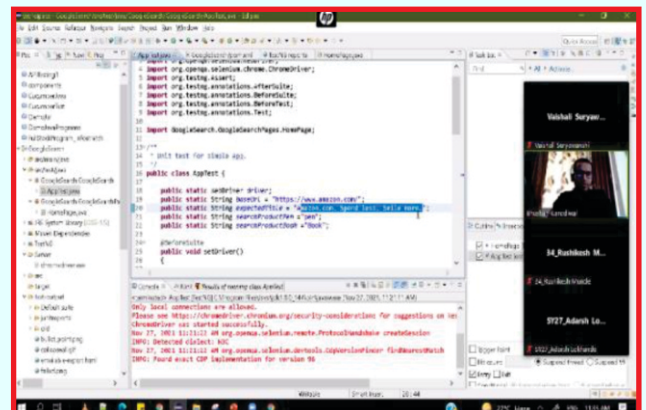
SHAIKH ARBAAZ
CGPA – 10.00

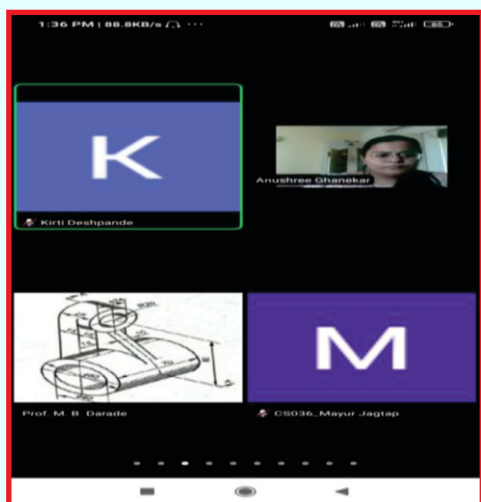
WORKSHOP/SEMINAR/TRAINING/STTP/FDP ORGANIZED BY DEPARTMENTS



- Three-Days Hands on Workshop on “CAD CAM Tools in Industry” was organized by Mechanical Engineering Department on 16th – 18th Dec. 2021 for S.Y. B.Tech. students. The resource person was Mr. Mayuresh Kuchekar. The coordinator was Prof. A. V. Dube.

- A session was organized on “Software Testing” on 27th Nov. 2021 for MCA-I and MCA-II students. The resource person was Mr. Bhushan Karodiwal. The coordinator was Mrs. Vaishali Suryawanshi.





- A session was organized on “**Current Trends in Industry for Cloud Computing**” was organized by Computer Engineering Department on 14th Sept. 2021 for S.Y. B.Tech. students. The resources person was Miss. Anushree Ghanekar, KPIT Technologies. The coordinator was Prof. K. V. Deshpande

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

- Dr.D.T.Mane attended 3 days FDP on “**System Programming and Operating System**” at SPPU during 5th -7th Aug. 2021.
- Dr. Nihar Ranjan attended FDP on “**Foundation of Data Science & Machine Learning for Cross Domain Application (ATAL)**” during 27th - 31 st Dec. 2021.
- Prof. G.S. Mate attended AICTE-ISTE Approved Orientation Refresher Programme on “**Block chain Technologies and its uses**” during 17th -23rd Dec. 2021.
- Prof. D.H. Patil attended AICTE-ISTE Approved Orientation Refresher Programme on “**Blockchain Technologies and its uses**” during 17th -23rd Dec. 2021.
- Prof. V. S. Kulkarni attended 5-Days FDP on “**Inculcating Universal Human Values in Technical Education**” organized by AICTE during 16th -20th Aug. 2021.
- Prof. V. S. Kulkarni attended One week Online FDP on “**INTERNET OF THINGS AND IT’S APPLICATIONS**” at CARE COE, Rhayanur, Trichy under IEEE students branch during 23rd -27th Aug. 2021.
- Dr. Avani Pujara attended One Week FDP on “**Artificial Intelligence for Electrical Engineering**” at Electrical Engg. Dept., RIT, Rajaramnagar during 4th - 8th Oct. 2021.
- Dr. Meenaskhi Duggal attended FDP on “**Case Study Analysis & Case Study Writing**” at Dr. D. Y. Patil Vidyapeeth's Global Business School & Research Centre during 15th -16th July 2021.

STUDENTS ACHIVEMENTS

- Mr. Rutveej Rajendra Jadhav T. Y. B. Tech. (E&TC) selected for Google Cloud Ready Program 2021.
- Ms. Swarupa Narayankar won Gold Medal at Athletics (Shotput) in 7th student Olympic National Games 2021 at Haryana under 19th Age group.
- Mr. Sidharth Jadhav T.Y. B. Tech. secured first rank in Robotics Competition at Parul University Gujarat, 2021.

RESEARCH PAPER PUBLICATIONS

- Dr. S.V. Kedar presented a paper on **“Lungs Diseases Prediction based on Convolutional Neural Network”** at International Conference on Computing, Communication and Green Engineering (CCGE) 2021.
- Prof. K. P. Moholkar published a paper on **“Lioness Adapted GWO-Based Deep Belief Network Enabled with Multiple Features for a Novel Question Answering System”** at International Journal on Uncertainty fuzziness and Knowledge based system, 2021-22.
- Prof. D. T. Salunke presented a paper on **“Handwritten Devanagari Word Recognition using Customized Convolution Neural Network”** at First IEEE International Virtual Conference on Computing, Communication and Green Engineering-2021.
- Dr. Paithane Ajay N. published a paper on **“Priority Based Power Scheduling Algorithm for Residential Loads”** at Journal of Huazhong University of Science and Technology (Scopus Index), 2021.
- Dr. Jadhav Bhagvat D. presented a paper on **“Smart System for Garbage Management”** at IEEE International Conference on Computing, Communication and Green Engineering, Sept. 2021.
- Dr. S. L. Chavan published a paper on **“Polynomial And Transfer Function Models For Multi Input Single Output (miso) Pem Fuel Cell By System Identification Methodology”** at Taylor and Francis, Journal of Ambient Energy, 2021.
- Dr. Dubal Rajkuwar Ajit published a paper on **“Finite Element Analysis Research on Buckling**

Steel Sections” at International Journal of Recent Technology and Engineering (IJRTE), 2021.

- Dr. R. R. Arakerimath published a paper on “**Multi-response Optimization Of Friction Stir Welding Process of Dissimilar Aa3003-h12 And C12200-h01 Alloys Using Full Factorial Method**” at Journal of Process Mechanical Engineering, 2021.
- Dr. A.M.Badadhe published a paper on “**Utilization And Study of Raw Groundnut Shell As A Source of Sound Absorbing Material**” at Journal of Natural Fibers, 2021.
- Dr. N.K.Nath published a paper on “**Design, Analysis and Topological Optimization of an Automobile Steering Yoke**” at Int. Journal of Eng. Research & Technology (IJERT), 2021.
- Dr. Srinidhi C. published a paper on “**RSM Based Parameter Optimization of CI Engine Fuelled with Nickel Oxide Dosed Azadirachta Indica Methyl Ester**” at Energy Elsevier Publications, 2021.
- Dr Meenakshi Duggal published a paper on “**Social Media Marketing Strategies a Hetrogenous Marketing Approach with Regard to Customer Value Analysis**” at Design Engineering, 2021.
- Prof. A.S.Devasthali published a paper on “**Chemical Synthesis of Fe₂O₃ Thin film Electrode material for Super capacitor**” at HTL Journal, Volume 27, Issue 5, 2021.
- Prof. A.V.Patil and Prof. S. G. Kandalkar published a paper on “**Spin coated expensive manganese doped iron oxide thin film super capacitor electrode**” at GIS Science Journal,

AWARDS/ACHIVEMENTS BY THE FACULTY

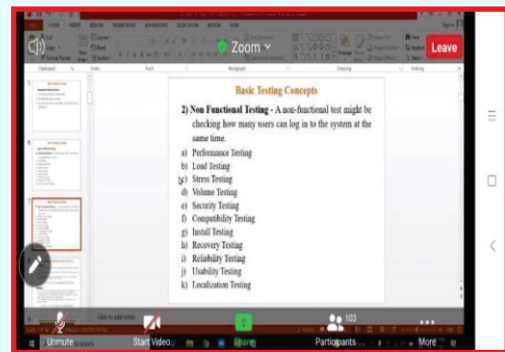
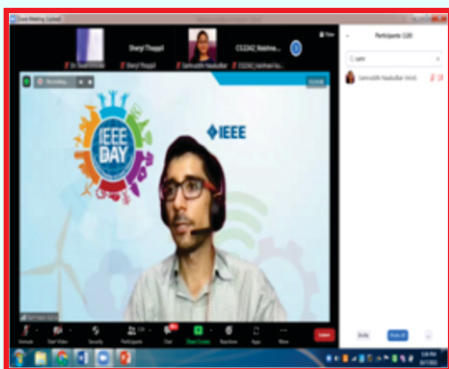
- 3 Research scholars completed their Ph.D. under the guidance of Dr.P.B.Kumbharkar 2021-22.
- Dr. Deepak Mane appreciated for performance for Global Knowledge Research foundation appreciated performance for consistent support by GFRF Foundation, 2021.

PROFESSIONAL CHAPTER ACTIVITIES

CSI ACTIVITY

- Expert Session on “**Software Testing**” was organized by Computer Engineering Department for B.E. students on 27th November 2021.

IEEE ACTIVITY



- An activity “**Idea to a product: connecting dots toward career development**” was organized by Electronics & Telecommunication Engineering Department for under IEEE TE students. The expert was Mr.Ramneek Kalra. The coordinator was Dr.S.A.Bhisikar.

PLACEMENTS

- No. of Company Visited- 190+
- No. of Students placed- 681
- No. of Offers- 750+
- Maximum Salary- 12 LPA

GLIMPSES OF ACTIVITIES

Webinar on “Role of IEEE in Engineering” was organized under IEEE on 22nd July 2021. The Chief Guest was Mr. Gaurav Date & the coordinator was Dr. Tanuja Dhope.

JSPM'S RSCOE
Affiliated to Savitribai Phule Pune University

Role of IEEE in Engineering Education
22nd Jul'21 : 11.30AM – 12.30PM

Webinar on : Zoom Platform

Post Registration all the participants would receive an email with joining link on the registered email id.

Session Agenda

- Introduction to IEEE Resources
- Introduction to IEEEExplore platform
- Basic Search / Available articles (Journals / Conference Papers)
- Filters and Limiters to narrow the search result.
- New Features – Supplemental Items.
- Sort options / Read an article.
- Advanced / Command Search features.
- Create alerts.
- Citations / download articles in PDF files.
- Workshop Assignment
- Quiz / Q&A

Key Speaker

Gaurav V. Date
Training Manager
IEEE Certified Trainer

Registration Link: <https://www.zoom.us/j/92254546208>

JSPM'S
Rajarshi Shahu College of Engineering, Tathawade, Pune
(An Autonomous Institute Affiliated to JSPM's)
Approved by AICTE, Accredited by NBA (U.G. Programs)
Accredited by NAAC with 'A' Grade, MHRD-NIEP Rank-1st-1st

You are Cordially Invited For The Inauguration of

FIRST IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND GREEN ENGINEERING-2021 (CGGE21)

Presided by
Dr. Anil Sahasrabudhe
Chairman AICTE, New Delhi
Professor, IIT Guwahati

Chief Guest
Dr. Ramjee Prasad
Knight's "Medallion" of the order of Distinguished
FELLOW IEEE, IET, ISTE, WIRF
Founder President, CTE GLOBAL CAPSULE
Founder Chair, CGGE21
Professor, Aarhus University, Horsing, Denmark

Dr. Shailaja Patil **Dr. R. K. Jain**

Date
Time

- First IEEE International Virtual Conference On “Computing, Communication & Green Engineering -2021” (CGGE21) was organized on 23rd - 25th Sept. 2021.

- Vaccination Drive by NSS at RSCOE, Oct 2021.



SPORTS ACHIEVEMENTS IN 2021



RSCOE Badminton Team, 2nd Runner-up



**Atheletic (Shotput) Silver Medal
by Swarupa Narayankar**



RSCOE Football Team, 2nd Runner-up by



JSPM's
Rajarshi Shahu College of Engineering
Pune-411033



**Best
College
Award
from
ISTE
2020**

NBA
NATIONAL BOARD
of ACCREDITATION
**ALL UG
Courses**

NAAC
**Grade 'A'
CGPA 3.26**

AICTE CH SURVEY
**Platinum
Grade**

nirf
**NIRF
251-300**

UGC
University Grants Commission
**2F & 12b
by UGC**

**India
Today
Award**

**Accredited
by
TCS**