



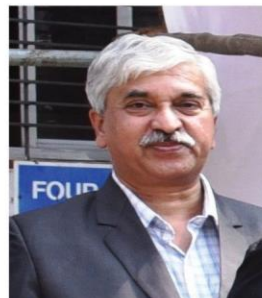
**JSPM's
Rajarshi Shahu
College of
Engineering,
Tathawade
Pune**

**Department of
Engineering
Sciences &
Humanities**

Inside this issue:

From the Editors Desk	2
Parents Induction	2
Glimpses of various activities under Student Induction Program	3
Students Achievements	4
FESA Inauguration and Handover Ceremony	5,6
Social Activities	7
Pune Darshan and Industrial Visits	8
Project Based Learning	9
Womens Day, Traditional Day	10

From the Director, DY-Director & HOD's Desk



In pursuit of commitment towards Quality in Technical Education, RSCOE which was self financed Engineering College affiliated to University of Pune till today, now has been conferred Autonomous status in the academic year 2019-20.

Students admitted in this year will be governed by the new curriculums designed under autonomy and shall be eligible to get a B. Tech & M. Tech degree after completion of their course of enrolment. This new innovation will now make students plan their activities beyond college engagements, to pursue hobbies, interests, explore career options, take up interesting internships etc., which otherwise was lying beyond the ambit of technology education. They now could learn courses which could help them in strengthening their careers & make them globally competent. Thus, with a backing of a progressive management, requisite infrastructure, committed staff and versatile students, it is not a surprise to see that RSCOE is one of the most sought after colleges in the University of Pune!!!

The RSCOE'ians are trained through a well balanced synchronization of curricular, co-curricular and extra curricular activities. The issue of the newsletter is truly a forum for our students to manifest their imaginative skills, knowledge of language, literature, general awareness, art, creative writing, etc. Every child is blessed with certain hidden qualities, but sometimes it goes unnoticed and un-trapped by the parents and the college. So here we make a sincere Endeavour to channelize their hidden potentials into positive reinforcements. I wish the Head Of Department, all the staff and students of the dept. for having taken the best initiatives in bringing out this newsletter. From the humble beginning we made in 2001 having crossed many measurable milestones, our college has become a dream destination for many Engineering aspirants.

The year 2019-20 has begun with much anticipation and aspiration towards new milestones for the department. We are excited to announce that our college has been conferred Autonomous Status. As a part of the continuous evaluation in each course, a variety of tools and techniques will now be adopted to evaluate understanding and knowledge of students. Necessary feedback shall be given to students by making the evaluation and assessment fully transparent. The students will be encouraged to discuss and understand their shortcomings which in turn shall help them in becoming professional engineers of tomorrow. The technology driven pedagogical approach, delivered by well qualified and dedicated faculty ensures that the students who graduate from RSCOE are a class apart from the rest. The faculty works towards not just developing knowledge but also instilling the right attitude and skills in the students for a holistic education relevant in a globalized context.

From The Editor's Desk



I AM EXTREMELY HAPPY IN RELEASING THE YEARLY NEWSLETTER, HIGHLIGHTING THE ACTIVITIES OF THE COLLEGE BETWEEN AUGUST 2019 AND MARCH 2020. THE LAUDABLE EXERCISE OF THE STUDENTS AND STAFF OF THIS INSTITUTION HAS ALREADY BROUGHT LAURELS IN THE NAME OF COLLEGE. I CONGRATULATE THE STAFF AND STUDENTS WHOLE-HEARTEDLY FOR THEIR PARTICIPATIONS IN VARIOUS EVENTS. EACH ARTICLE IS ENTERTAINING, INTERESTING AND ABSORBING. I HOPE YOU ENJOY THIS NEWSLETTER.

STAY AT HOME, STAY SAFE IS THE MANTRA FOR NOW. TOMORROW WILL CERTAINLY BE BETTER IF WE MANAGE TO STAY SAFE TODAY.

Due to the unprecedented situation arising after the outbreak of COVID-19, and the nationwide lockdown imposed, publication of Issue 1 of the year 2019-20 could not be brought out in time. It was therefore decided to combine the Issue 1 and Issue 2 of the year and bring out a single combined issue.

Inauguration of Induction Program

As per the guidelines given by AICTE, 12 days Induction program was arranged for the students from 7th August to 20th August 2019 Principal addressed the parents of admitted students.



Students Induction Program was conducted in different Sessions such as:

- ◆ Familiarization with the Institute
- ◆ Hands on 'C' Programming
- ◆ Industrial Visit
- ◆ Profiling Survey with Proficiency Modules
- ◆ Tinkering Module
- ◆ Brain Drill
- ◆ Yoga
- ◆ All Shahu Art Circle Program
- ◆ Dive Coding
- ◆ Sports Activity Presentation
- ◆ Counselling Session
- ◆ Digital Marketing
- ◆ Alumni Interaction
- ◆ Carrier Guidance by TPO
- ◆ Art of Problem and Decision Making
- ◆ Pune Darshan
- ◆ Patent/Autonomy Session
- ◆ Man Shakti (Human Values)

Induction Program Activities



Carrier Guidance by TPO



Profiling Survey



DIVE coding Session



Art Of Problem Resolving & Decision Making

The Induction Program was arranged for all FE admitted students according to their branches. The program was designed so as to make the students familiarize with the new environment and various activities taking place in college. Also to make them aware about importance of skills required to face the global challenges.



Yoga Activity



Manshakti (Human Values)

Felicitation of Previous year Topper Students



Students Achievements - Developed a new method of making Liquid Organic Manure (LOM) out of waste weed.

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Sakal Times

City collegians prepare low cost organic manure

ADITYA SHINDE
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Pune: One of the main challenges faced by farmers in the country is the high production cost of organic manure. To bring this cost down, first-year students Sakshi Bhangale, Prathmesh Thakare, Monika Paliwal, Neha Deshmukh and Atharv Deshpande from the JSPM's Rajarshi Shahu College of Engineering, Tathawade, developed a new method of making Liquid Organic Manure (LOM) out of waste weed.

Explaining the concept, Monika Paliwal said, "Waste weed is collected from fields, which is immersed in water. After a month, this mixture is converted into a good quality LOM."

"The manure made out of this process contains elements such as sulphur, potassium, phosphorus, etc. that are required for a healthy growth of a crop," she added.

Giving details about its cost-effectiveness, she said, "The total cost of making the LOM is much lower than the price farmers pay for manure from the market."

They can make a litre spending around Rs 150, while market price for manure of same amount is Rs 250."

Santosh Jawheri, an associate professor from the institute, said, "This method has a dual benefit of waste management as well as the availability of low-cost LOM. Thus, it will reduce the input costs in agriculture."

This concept has received the first prize in "Technical Innovation Competition" organised by Barclays Software. The contest aims to make agriculture a profitable business. Professors Priti Tomar and Sunita Yadav assisted the students.

Sakal Times
WIN: The students with the trophy at Barclays

STPUNE, Main
02/12/2018 Page No. 3

FESA Inauguration & Handover Ceremony



The FESA Handover Ceremony was conducted on 19th October, 2019. The program was presided over by Vice Principle Prof. A. S. Devasthali, HOD Dr. Mrs. S. M. Yadav, Dr. N. S. Mujumdar Sir.



The post of GS was handed to Miss. Tanishka Maheshwari, post of CO-GS to Miss. Esha Haldar and Mr. Yashraj Bharambe was selected as a Treasurer.



Anchors of the show

Glimpses of FESA Program



Many amazing, magnificent and sensational performances like singing, dancing, standup comedy, drama were held.



Tree Plantation by Rotary Club of Talegaon Dabhade



Nirbhay Kanya Abhiyan on Tuesday, 11th Feb 2020



To develop the confidence and personality of lady student 'Nirbhay Kanya Abhiyan' scheme is introduced by the University. The main objective of this scheme is to develop a critical mind, self-confidence and a commitment to society. The lady students are given training in health, law, and social activities.

Students Pune Visit to Parvati hill, Sarasbaug



Industrial visits



“Rakesh Transformers”, Bhosari MIDC,

Sewage Treatment Plant, Akrudi



Accurate Innovation Centre, Hinjewadi

Tata Consultancy Services, Hinjewadi

Project Based Learning @ RSCOE

- Students learnt to work in team to solve many real life problems
- Students gained hands on experience by using tools like
 - Laser cutting machine
 - 3D printer
 - Flexo robotic hand
 - Mechanical & Electrical tools and Equipments
- Multidisciplinary projects



Laser Cutting Machine



Flexo- The Robotic Hand



3D Printer



DRONE



Traditional Day Celebration, 31st Jan 2020



Women's Day Celebration 8th March, 2020

