

Civil Engineering Department

News Letter

July – December 2021



Principal K S Wani Retired on September 30, 2021



Dr S L Patil retired on December 31, 2021. He joined as a Principal of Arts, Science and Commerce College.

Programme Educational Objectives (PEOs)

- To carryout effective teaching (theory + experiment) fulfilling the syllabus requirements as well as covering relevant content beyond syllabus; to undertake good projects meeting demands of private/cooperative industrial sector, Governmental organization etc; and to arrange site visits for students to correlate the theoretical knowledge with real world.
- To arrange remedial classes for weaker students; to organize expert lectures by eminent persons from academics, industry and other diversified field; to organize and motivate students for participation in co-curricular, extracurricular activities for overall personality development.
To give a role model to the students for being good engineer, good citizen and good human being; and to enhance mass awareness regarding environmental friendly technology and life style.
- To provide opportunities for the staff for career development within and off the institute; to enhance research facilities in the department; to extend consultancy services to various government and private organizations.

Program Outcomes (Pos)

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSOs)

- **Ability to apply theoretical knowledge for specific field applications:** a civil engineering graduate must be able to identify the constraints of a real world problem and must be able to decide appropriate combination of technology to resolve the problem. S/he must be able to implement the solution.
- **Ability to work with advanced equipment:** a civil engineering graduate must be able to deal with advanced equipments used for various civil engineering applications for faster and precise observations.
- **Awareness about alternative and blended construction materials:** natural materials are getting scarce and their over exploitation is causing environmental damages. A civil engineering graduate must be aware about the applications of alternative and blended construction materials which are more sustainable.

Prof Dr S L Patil was born on Jan 1, 1961. He did his graduation from Marathawada University in Geology and Post graduation from Nagpur University in Geology. He did Ph D from Kavayitri Bahinabai Chaudhri North Maharashtra University, Jalgaon in Geology. He has published several good research papers in International Journals and Conferences. His research area is use of thermal power plant fly ash in concrete, bricks and for soil nourishment. He joined SSBT's College of Engineering and Technology in 1988, July 1st. He served as a Lecturer, then step by step got promoted and Senior Lecturer, Assistant Professor and finally Professor. He held the additional charge of Rector of Boy's Hostel for around 20 years. He served as a Chairman of Cultural Committee for over 15 Years. He was loved by the students as a dedicated, knowledgeable teacher who was always in helping mode. He was instrumental in organizing the mega events like Visti of Her Excellency Smt Pratibhatai Patil as President of India, to our College and organizing Yuva Rang Event which was a great event of University. He did appreciable work as a Campus Development Committee Chair. He will be always known for his sincerity, dedication, calm nature and perfectionism.

He retired on December 31st 2021. He joined as a Principal immediately in SSBT's College of Arts, Science and Commerce. Department gives him best wishes for ever.

Prof Dr Kishor S Wani is basically a chemical engineer from LIT. He did his Ph D from Kavayitri Bahinabai Chaudhri North Maharashtra University, Jalgaon. He is a perfect blend of academics and administration having several hallmarks of excellence and success in both the fields. He served the institute in various capacities for over 26

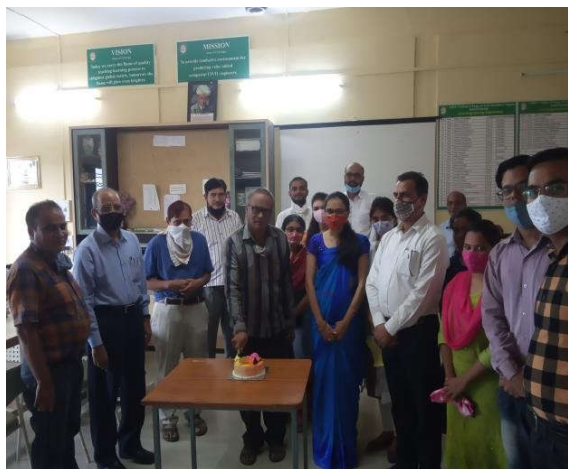
Teachers' Day Celebration



Teachers Day is celebrated as a mark of respect and homage to Dr Radhakrishnan ji, the great educationalist and former president of India. The students of department under CESA were doing this activity regularly. But, in year 2021, owing to the corona pandemic the activity was done on online mode. HoD delivered a speech to the students. Some students also expressed their views on this occasion. Some students personally met the teachers and presented flowers as a mark of love and respect.

In his address Prof and weak. The mistake of lawyer can cause fire into the house of an innocent Husain shared the words of Dr Radhakrishnan: The mistake of a Doctor can lead a human being buried under soil, the mistake of an engineer can make the huge dams hollow. But the mistake of a teacher can cause the foundation of the nation shaken.

Celebrative Moments in Department



Birthday celebrations of Shriyut R M Nehte and Prof P R Punase in the presence of Principal K S Wani and Vice Principal S P Shekhawat

Department celebrates birth days of staff members. Staff members give contribution and arrange a cake. The person having birthday give a party. Such activities give a relaxation and adds liveliness in the department.



PLACEMENTS



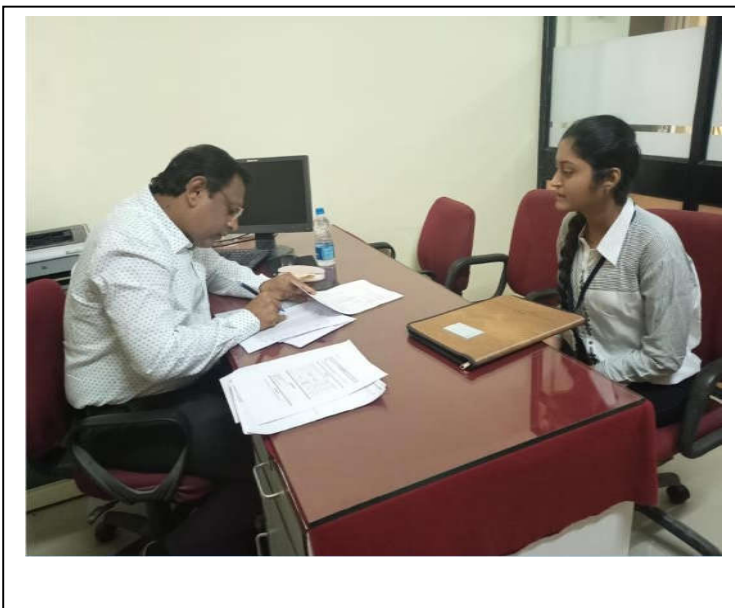
Soni Associates and Company Jalgaon is engaged in Land Development, Planning, Designing and Construction. They visited the College and recruited following students:

Himanshu Umakant Nashte

Vipul Purushottam Bhirade

Rajendra vijay Sapkale

Ujjwal Madhukar Geed



Abhijit D Patil Construction Company Jalgaon is engaged in Pre stress bridge construction for railways. They did not recruit the students on the spot, yet they assured that they will recruit 2 -3 students later.

Alumni Interaction

Alumni interaction is always motivating for students. Alumni can give guidance to the students which even teachers cannot. Teachers and students may have a generation gap. But, the alumni and students belong to same generation. They do not have mutual hesitation barrier also. Hence the department regularly organizes alumni interaction session.

On September 29, 2021, (Wednesday) one of the esteemed alumnus Mr Abhijit Patil interacted with the students. Mr Abhijit Patil is a passout student of batch 2000. He was a sincere and meritorious student. He started his own construction company named Abhijit Patil Construction Company. The company is principally involved in construction of pre stressed bridges. He has a turn over of Rs 20 crores per year. He held an online meeting with students. There were 100 participants in the meeting from final year. He described the students about his career path. Then he described the working environment in civil engineering. Students asked several question which he responded calmly. Students expressed their great satisfaction with the session.

