



CHILDREN'S EDUCATION SOCIETY®
THE OXFORD COLLEGE OF ENGINEERING



DEPARTMENT OF CIVIL ENGINEERING

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Aug-dec 2016



DEPARTMENT OF CIVIL ENGINEERING

VISION OF THE DEPARTMENT:

To impart very high quality education to the students to make them do innovative sustainable engineering relevant to industry and people at large.

MISSION OF THE DEPARTMENT:

M1 - To emphasize on basics of engineering as well as their applications relevant to the industry.

M2 - To serve the society with due consideration of economy, ecology and ethical issues of nation.

M3 - To sensitize the students and faculty to take up research and consultancy to be on par with international standards.

PROGRAM EDUCATIONAL OBJECTIVES:

PEO 1 – Apply fundamental concepts of Civil Engineering in developing economically viable and sustainable sound solutions

PEO 2 – To work collaboratively on Multidisciplinary problems.

PEO 3 – To achieve their professional aims keeping good ethics.

PROGRAM SPECIFIC OUTCOMES:

Graduates will be able to

PSO 1 – apply technical skills and modern engineering tools for civil engineering day to day practice.

PSO2 – participate in critical thinking and problem solving of civil engineering field that requires analytical and design requirements.

PSO 3 – pursue of lifelong learning and professional development to face the challenging and emerging needs of our society.

PROGRAM OUTCOMES:

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **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.

11. **Project management and finance:** To demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and also as a leader in a team, to manage projects in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broad context of technological change.

DEPARTMENTAL ACTIVITIES:

- Technical talk on Introduction to Value Engineering Methodology, Significance of Value Engineering and its Indian Journey on 12th November 2016 by Ms Anita Lukose, Mr Murthy, Mr Daniel & Mr R Chandrashekar.

RESEARCH PAPER PUBLICATIONS:

By Faculty:

- T.S Mallesiah, Dr.L Uday Simha “Deflouridation of Contaminated Ground water by using Ocimum Tenuiflorum (Tulsi) leaves” published in American Internation Journal of research in science, technology, engineering & mathematics July 2016
- T.S Mallesiah, Dr.L Uday Simha “Hydrochemical Analysis and Estimation of quality of ground water in Madhugiri Taluk, Pavagoda Taluk, Koratagere Taluk, in Tumkur Disrtict Karnataka State, India” published in American International Journal of research in science, technology, engineering & mathematics August 2016

ACHIEVEMENTS OF FACULTY (cent percent result):

Sl NO	Faculty Name	Subject with Code
1	Mr.MALLESHAIH	Advanced Concrete Technology (10CV81)
2	Mr.Shivanand	Design of Tall Structures (14CSE252) & Design and Drawing of Steel Structures (10CV82)
3	Mr.Arunkumar B.N	Design of concrete bridges(14CSE423) & Design of Substructures(14CSE24)
4	Mr.Mahadev Prasad	Stability of structures (14CSE41)
5	Pragnya.J	Urban Transport Planning

		(10CV843)
6	Sowmya B.M	Industrial waste water Treatment (10CV835)
7	KARUNA S	Earthquake Resistant Design of Structures (14CSE22)

ACHIEVEMENTS OF STUDENTS:

- Second price (cash prize of 14,000/-) in “CONCRETE FAIR” held at RVCE- Bangalore on 25th October 2016 by the following final year B.E students Shree Ranga B N,Ramitha G K,Zaid Bin Tariq,Patel Dhruvish ,Samarth B Teggi,Shashidhara Gouda Patil.

TOPPER’S LIST: (June 2016 results/Even semester)

Se me ste r	USN	Name of the Student	Percentage
M. TE C H- IV	1OX14CSE11	NAVYASHREE B R	94
	1OX14CSE01	DEEPIKA R	94
	1OX14CSE16	VINAYAK GARAG	94
M TE C H II	1OX15CSE01	ABDUL RAOUF SOFI	78
	1OX15CSE06	FURQUAN ELAHI SHAIKH	77.06
	1OX15CSE07	MANOHAR D	76.82

8 ^T H	1OX12CV025	NAGENDRA K	85
	1OX12CV009	DEVIKA R	83
	1OX12CV032	PRABHUDDA KUMAR YADAV	83
6 ^T H	1OX14CV402	JAYASHARAMA	82
	1OX14CV403	KUMERASHAN	80
	1OX13CV056	ZAID BIN TARIQ	79
4 ^T H	1OX14CV024	KARTHIK KUMAR V	81
	1OX14CV053	NISARGA	78
	1OX14CV057	PAVITHRA V	76

WORKSHOPS & CONFERENCES ATTENDED BY FACULTY:

- Mahadev Prasad and Manjunath G S and had attended 6 days workshop on MATLABS for Engineers from 25th to 30th july held at SJBIT, Bangalore.