



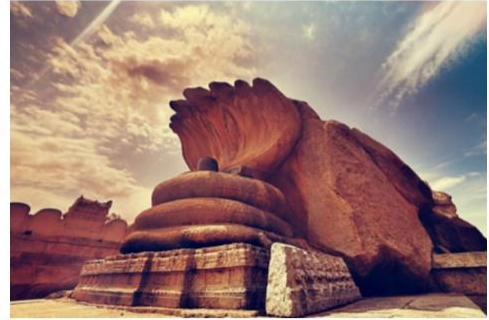
CHILDREN'S EDUCATION SOCIETY®
THE OXFORD COLLEGE OF ENGINEERING



DEPARTMENT OF CIVIL ENGINEERING

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Aug-dec 2018



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.

1. DEPARTMENTAL ACTIVITIES:

- A guest lecture was organized on 20th August 2018 on ASCE Course related to CAD software in the department Seminar Hall
- Workshop was organised by RICS Built environment, “The new modified construction techniques in Civil engineering” on 12th October 2018, in the department seminar hall.
- Soft skill Training program was organised for final year students on 4th, 5th, 6th, 9th, 10th, 11th October 2018 in the department.



Guest lecturer delivering the lecture in workshop organised by “RICS BUILT ENVIRONMENT”



Guest Lecturer Giving a talk on “ASCE Course related to CAD

2. ACHIEVEMENTS OF FACULTY

➤ RECOGNITION OF FACULTY

- Dr.Amarnath. K who was former Head Of the Department of Civil Engineering was given the recognition of being the Director Of The Oxford Educational Institutions.
- Dr. Malleshaiah T.S who was Formerly the Senior faculty in the department was given the recognition of being Head Of The Department.

➤ CENT PERCENT RESULT OF FACULTY

| SI NO | Faculty Name | Subject with Code |
|-------|--------------------------|--|
| 1 | Dr.MALLESHAIH | Advanced Concrete Technology (10CV81) |
| 2 | Mr.Shivanand.C.G | Design and Drawing of Steel Structures (10CV82) |
| 3 | Mr.Arunkumar B.N | Design of Substructures(17CSE24) |
| 4 | Mr.Prashanth Hathwar T.S | Design Of Masonry Structures (16CSE424) |
| 5 | Mrs.KARUNA S | Earthquake Resistant Design of Structures (17CSE22) |
| 6 | Ms.Ramya A.V | Construction Management and Entrepreneurship (15CV61) |
| 7 | Ms. Shradha | Urban Transport Planning (10CV843) |

3. ACHIEVEMENTS OF STUDENTS :

- A final year students project team of Karthik Kumar, Karthik H, Justin M, Gautham D H and Kushal, Nisarga, Prabhu, Bharath Kumar under the guidance of Mr. AMRUTH.K, received a research grants (Cash Prize of Rs.5000) from VTU for their project work titled Odour regulation- a solution to control odour from municipal solid waste treatment plant & A study on preparation of feasibility report for implementing straddling bus technology for Bangalore.

4. TOPPER'S LIST: (JUNE/JULY 2018 /Even semester)

| Semester | Name of the Student | Percentage |
|-----------------|----------------------------|-------------------|
| 8 TH | ASHA.S | 86 |
| | NISARGA | 84 |
| 6 TH | SRILAKSHMI A.S | 85.25 |
| | C.SUSHMA | 82 |
| 4 TH | NAGASHREE G.V | 81 |
| | ANUGRAHA.K | 78 |

5. WORKSHOPS AND CONFERENCES ATTENDED BY FACULTY:

- Ms. Sowmya A.R Attended a Two Day Faculty Development Program held at Brindavan College Of Engineering, Bangalore on the topic “ Design and Detailing Of RC & Steel Structures “ from 13th August 2018 to 14th August 2018.

6. PLACEMENT ACTIVITY

- A Real Estate Agency Named “PINCLICK” arrived to the college for recruitment drive on 23rd October 2018 and recruited 5 members of final year students for the role of Property Advisor.
- A giant Job giver in Software Sector “Infosys” has hired 1 student of Civil Engineering in Off Campus drive for a package of 3.8LPA.