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D. Y. PATIL COLLEGE
OF ENGINEERING,
AKURDI

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DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER

JAN 2019

Volume 4



DEPARTMENT OF CIVIL ENGINEERING

Vision of Institute

Empowerment through Knowledge.

Mission of Institute

To educate the students to transform them as professionally competent and quality conscious engineers by providing conducive environment for teaching, learning, and overall personality development, culminating the institute into an international seat of excellence.

Vision of Department

Empowerment for Civil Engineering Leadership

Mission of Department

1. To Prepare Students for Professionally Competent and Quality Conscious Civil Engineers with Civic Sense.
2. To Formulate effective teaching and learning process for global acceptance.
3. To Create intellectually stimulating environment for Research, Innovation and Entrepreneurship.

Program Educational Objectives (PEOs)

After few years of graduation, Alumni of Civil Engineering Program will be

1. Practicing in Civil Engineering and Allied Sectors or as Entrepreneur for successful professional career.
2. Pursuing higher education for professional development.
3. Adapting the Research based skills with multidisciplinary approach considering environmental and societal needs for sustainable needs.

Program Specific Outcomes (PSOs)

Upon graduation, Civil Engineering Students will exhibit following PSOs

1. Ability to understand the breadth and competency in the various specialized fields of Civil Engineering to commit and succeed in state, national and global level competitive examinations
2. Aptitude to analyze courses in various specialized fields of Civil Engineering to select for higher education
3. Assess Business and Administration Skills in the various specialized fields of Civil Engineering for Entrepreneur Developments

Various Specialized Fields of Civil Engineering are: Water Resources Engineering, Environmental Engineering, Structural Engineering, Construction and Project Management, Geotechnical Engineering, Surveying, Estimation and Costing.

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Newsletter

Sem - I



My dear students, I take this opportunity to welcome you all. This is first edition of the monthly newsletter published by our department. Our Department is established in the year 1986, offers BE in Civil engineering with an intake of 180, ME in Environmental engineering and Construction & Management. It has sophisticated infrastructure, state-of-art labs and highly qualified, motivated and experienced faculty. Our department is very keen in academic exposure of the students to the latest domain trends by conducting a series of seminars, conferences, guest lectures, Faculty development programs, industrial tours and visits, etc. All these updates will be summarized on this platform, our very own departmental newsletter.

From this platform I would also like to introduce our revised departmental vision. Finally wish you all the very best for your study.

-Prof .Mr. Ashok B More, HOD, Civil Dept.

Department Vision

"To develop Civil Engineers who are ready to accept global challenges through sound technical knowledge and environmental awareness."

CIVIL Mantra
"Civil engineers are the most fortunate than others, since they build their own monuments with public consent, public approval and often public money."



Academic Activity

6th Sep 2019

This is an academic activity conducted for SE students on Soil Reinforcement Technology & REW.

This imparts the knowledge of soil reinforcement. Various application of soil reinforcement Job opportunities in the Domain

Mr. Pravin Sakhare a RE wall consultant was invited to deliver the expert talk on Soil reinforcement technology. The expert talk addressed the con-tent beyond syllabus, which was identified as a Gap. The expert talk make the student well conversant with the Soil reinforcement and its field applications, design consideration and Field execution aspect.

Mr. Mukund P. Chougale is a faculty coordinator for this event.

From feedback we got that student able to learn and demonstrate the concept of soil reinforcement. Students able to examine the design parameters and construction as-pect of RE Walls.



Academic Activity

13th Oct 2019

This is an academic activity conducted for SE students on Eccentrically Loaded Columns

This imparts the knowledge of Eccentrically Loaded Columns. This topic is 100% for end semester theory Exam. This will help the students to get better knowledge about the topic.

Prof. A. M Umbrajkar, is a guest who is associate proff at DyPIEMR. Who gives the deep knowledge about the topic

Dr. Basavaraj S Balapgol is a faculty coordinator for this event.

From feedback we got that Students got an opportunity to understand the topic in better way. Stu-dents confidence enhanced to solve problems in better way. Students were realized the importance of topic in analyzing real life problems.



Academic Activity

11th Sep 2019

This is an academic activity conducted for final year students on site visit at Shirke group at Akurdi on 11th sept 2019.

This visit is useful to know Mix design process using RMC plant. Students were shown the working process of Ready mix plant and hence difference between conventional concrete mix and RMC mix. Working operation of digital process for input of mix design Quantity of materials and transportation, placing process and area up to where it can be transported.

Students were able to understand the Ready mix plant process of concrete. Students were able to understand the transportation process and area limit up to where it can be transported.

Mr. Lavand Project Coordinator at Shirke group was the designation person and Mrs. Aradhana Chavan, Mr. Ahinsak Taksande are faculty coordinators.



Academic Activity

11th Sep 2019

This is an academic activity conducted for final year students. On Site visit at Yerawada “Bituminous Hot Mix Plant”

Students learn the process of Batch Mix Plant. Understand the concept of Batching and Mixing. Learn the new design methods of testing of bitumen. Learn the field problems while handling bitumen. Under the transportation subject.

Mr. Bhujbal, Road Development Department was the designation coordinator and Dr. Tushar Bagul, Mr Mukund Chougule are faculty coordinator.

