



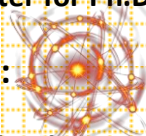
ACS
College of Engineering
Bangalore



Department of Civil Engineering:

Civil Engineering department was started in the year 2009 with an intake of 60 and currently with intake of 120. The institution is affiliated to Visvesvaraya Technological University, Belgaum and is striving to grow as one of the finest centers. At ACSCE, department of Civil Engineering is one of the oldest branches and was started in the year 2009. The department has been imparting quality education to meet the technological advancement and industrial requirements. This has been made possible due to qualified and dedicated faculty, state of the art laboratories and infrastructure facilities. The department offers an undergraduate programme leading to B.E. (Bachelor of Engineering) and a post graduate program M.Tech. (Master of Technology) in Structural Engineering in 2013 affiliated to Visvesvaraya Technological University, Belgaum and approved by AICTE New Delhi. The department has research center for Ph.D.

Vision of the department:



“To achieve Excellence in Technology, Innovation and Research in ethical way to Lead and Serve the Nation”

Mission:

Create and develop sustained environment of learning, to produce high caliber and dynamic Civil Engineers with due consideration of Economy, Ecology and Ethical issues of nation and to provide services to society and construction industry to assist in developing capabilities globally with respect to Science, Technology and Research.

Events of 2019-2020

RACE – 2019

Department of Civil Engineering organized a two days “National Conference On Recent Advancements on Civil Engineering-2019” on 8th and 9th May 2019 in collaboration with Indian Concrete Institute (ICI-KBC) and Association Of Consulting Civil Engineers (ACCE-I).



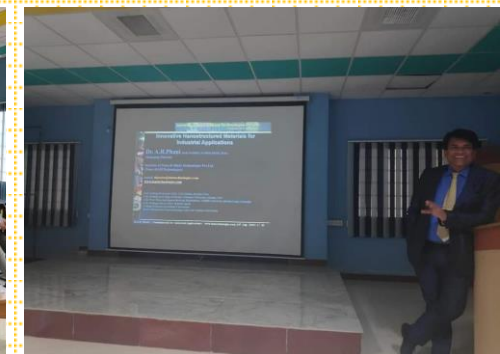
FDP on REHABILITATION AND RETROFITTING OF STRUCTURES

Department of Civil Engineering organized a Three days Faculty Development Program (FDP) on “Rehabilitation and retrofitting of structures” from July 31st to August 2nd 2019 in association with Indian Concrete Institute (ICI-KBC) and Stedrant Technoclinic Pvt. Ltd. The technical session-1 on July 31st 2019 was on Introduction to structural health monitoring – History, benefits, process, techniques adopted: data storage, retrieval, analysis and interpretation by Dr. Chandramouli S V. The technical session-2 started was on applications of SHM in civil engineering. The technical session -3 on August 1st 2019 was on Repair of concrete structures by various material testing techniques by Dr. R. Nagendra, Senior Director, Stedrant Techno Clinic Pvt. Ltd. The technical session-4 was on Introduction to structural diagnosis NDT. The technical session-5 was on Case study on retrofitting of bridge structures by Dr. Sudarshan S, senior director, Stedrant Techno clinic Pvt. Ltd. The technical session-6 was on August 2nd 2019 by Dr. Chandramouli S V on research areas in repair, Rehabilitation and SHM. The technical session-7 was on A case study on repair, Rehabilitation and SHM.



Seminar on NANOTECHNOLOGY

A seminar was conducted by dept of civil engineering on Innovative Nanostructured Materials for Industrial Applications by Dr. A R Phani, INM Technologies Pvt. Ltd.



FDP on APPLICATION OF TOTAL STATION IN LAND SURVEYING

Department of Civil Engineering conducted one day FDP on Application of Total station in Land Surveying on 20th Jan 2020 at seminar hall, ACSCE. The Resource person was Hemanth Reddy, Chief Executive Officer, Sir M V Institute of Engineering Skills.



SURVEY CAMP 2020

Department of Civil Engineering conducted Survey camp for 6th sem students @ Ramanagaram as well as in the college premises as per VTU Syllabus from 21st Jan to 29th Jan.



List of publications:

1. Dr. S Kavitha "Sesmic behaviour of tall buildings using piled raft foundation" International Research Journal Of Engineering And Technology, Volume 6, Issue 11, 2019.
2. Dr. S Kavitha "Stress Strain Behavior of Compressed Stabilised Earth Blocks Using Geogrids" International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 9, ISSN: 2278-3075, 2019.
3. Dr. S Kavitha "Evaluation of Properties of Partially Replaced Aggregate Concrete" International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 8, ISSN: 2278-3075, 2019.
4. Dr. S Kavitha "Investigations on Seismic Behavior of Bamboo Fibre Reinforced Self Compacting Concrete Exterior Beam Column Joint" i-Manager's Journal on Civil Engineering, Volume 9, Issue 2, 2019.
5. Dr. S Kavitha "Stabilized Mud Blocks Using Alccofines And GGBS", International Research Journal of Engineering and Technology(IRJET), Volume 6, Issue 5,2019.
6. Dr. S Kavitha "Probable Mathematical Relationship Between (Si/AL) Ratio And (Ca/Si) Ratio On The Compressive Strength Of An Iron Ore Tailings Sample Arising Out Of Geopolymer Reactions", Journal of Mining and Metallurgy, Volume 3, Issue 1, 2019.
7. Gayathri G " Degradation of Azodyes in wastewater using hydrodynamic cavitation", International Journal of Recent Technology and Engineering, Vol 8, Sept 2019.

Student Achievements:

1. Concrete Fair 2019 – Harish Gowda, Sudhanva R Gowda, Srujan S, Chirag B, Vaishnavi - 7th sem, Civil



2. NEC Start-up Entrepreneur Summit 2019 Product Expo - Harish Gowda, Sudhanva R Gowda, Srujan S, Chirag B, Vaishnavi - 7th sem, Civil



3. Model Making competition of Bridges and high rise structures KSSEM 2019 – Rakesh S, Sandeep kumar H S, Suhas S, Vishnu Jeevaji M, Yeshwanth N, Sharan Basava, Venkatesh, Vinod kumar of 5th sem, civil

