



TVAKSATI



DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT BULLETIN

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Vision:

To create a Centre of excellence in Civil Engineering Education, Research, Entrepreneurship and industry outreach services for a constantly changing societal needs with credibility, integrity and ethical standards.

Civil engineering, traditionally one of the broadest of engineering disciplines, expands the limits of possibilities. It encompasses the challenges of complex structural designs, eco-friendly housing, sustainable infrastructures, flood & water management, soil stabilization, construction management, environmental consciousness and more.

Established in 2013 and being the youngest department at BMS Institute of Technology and Management, the Department of Civil Engineering; headed by Dr Rajesh Gopinath; is defined by its singular strengths, collaborative synergies, and its commitment to excellence. The department offers programs at an Undergraduate level with an AICTE approved intake of 60 and houses excellent laboratories, classrooms, and computing facilities for teaching and research.

Our departmental values of "Building Partnerships" links students, faculty and industry into a team to provide quality education, research, and development enterprise. The Civil Engineering program provides competitive advantages and prepares the student graduates for a rewarding career. Student capacity building is ensured through excellent student internship opportunities and ICI-student chapter activities. The department promotes student involvement in constructive co-curricular activities like state-level sports, National Service Scheme, social initiative groups and others. Through continuous improvement processes the department aims at being pioneer at the frontier of knowledge and innovation in Civil Engineering.

From the HoD's Desk:

As an HoD I believe in strength of a department always lies in its human resources and infrastructure. Both of these have played an immense role in our department's development and growth. As a string team needs a motivational leader, similarly an inspiring leader also needs enigmatic team players for success to emerge The Department of Civil Engineering at BMSIT&M aims at imparting highest level of education inside and outside the classrooms. Our well-equipped and advanced laboratories facilitate experimental learning and various other departmental activities motivate the young minds to learn and evolve.

Celebration of Engineer's Day on the eve of Sir M Visvesvaraya's Birthday, , Techtransform, club activities, technical talks, Extensive Survey Camp, Internship Programs all initiate capacity building in students. Industrial visits and collaborative learning sessions aid the lateral thinking in students. Department is vibrant and actively involved in research and consultancy. The students assisted by faculties have published around 25 technical papers at various conferences competing with the post graduate students.



Dr Rajesh Gopinath, Assoc Professor & Head

Mission:

Accomplish excellence in academic and extracurricular activities with a quality teaching, research and industry interaction, which creates technically competent and dedicated civil engineers to serve the societal needs



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PANORAMIC VIEW:



KSCST BEST PROJECT AWARD :

The UG Project (Project proposal Ref No: 41S_BE_1665) guided by Mrs. Archana K, won the Best Project of the year. Cash Award of Rs. 2500/- to the guide and Rs. 1,500/- to the students was awarded. The project was presented by students Harshitha S, Sathyanarayan K R, Nikhil M V, Pratik Paul at the 41st Series KSCST State Level Seminar & Exhibition of Student Project Programme (SPP) projects was held at Bapuji Institute of Technology, Davangere on 10-11 Aug 2018. The project was evaluated by Professors from IISc. The project has been extended for funding from KSCST for the academic year Jan – July 2019



ALUMNI INTERACTION

As part of alumni interaction with the students of Civil Engineering, Alumnus of 2017 pass out batch Mr Nithin Kumar (Asst Engineer- Execution, BLK & Sons Ltd, Bengaluru) & Ms Aishwarya Pai (Asst Engineer- QS, BLK & Sons Ltd, Bengaluru) interacted with 1st year students and discussed on the overall scenario of Civil Engineering. The alumnus also spoke on various career options for an individual after graduating in Civil Engineering. The alumnus also shared their practical and field experience at BLK & Sons Ltd after their graduation. About 50 students of 1st year Civil Engineering interacted with the both alumnus which was held in BSN CR 506. The interaction was very well received by the students. Later the alumnus also participated in the Dept Advisory board meeting held in the HOD-Chambers in the presence of members (students, industry, dept faculty) between 11am to 1pm. The alumnus interacted with the board members and suggested to improve the industry institute interaction.

Namratha, USN IBY14CV043, alumni 2014-18 batch was heartily appreciated for her gesture of donating three books today to the department library. The Department of Civil Engineering, BMSITM, also appreciates the kind action of donating relevant books (8 text books) to department library, by Ms. Monisha, Ms. Swathi and Mr. Bhaskar (Alumni of 2014-18 batch) on 20th Aug 2018. Also Mr. Gaurav Kumar, 7th sem (parallel course) donated 8 books to the department library.

OPEN COURSE

As part of open course for the students of Civil Engineering, 2 courses were conducted for the students of Civil Engineering. The 1st course was on “Modern tools and techniques in Surveying” which saw participation of 36 students covering topics on various advanced topics on surveying and hands on sessions on GPS, Total station, Brunton's compass. The course was held from Aug 2-Aug 7 2018. This was coordinated by Mr Manish S Dharek & Mr Vinod B R.

The 2nd course was on “Basic of Civil Engineering Drawing by Manual Drafting” which saw participation of 36 students covering topics on the importance of manual drafting, and basics of Engineering Drawing and building components. The course was held from Aug 2-Aug 7 2018. This was coordinated by Mrs. Shobha R & Dr Deepak GB.



TECHNOSPACE

Field Trips:

The seventh semester Civil engineering students visited the V Valley Sewage treatment Plant & the Myllasandra treatment plant as part of Industrial Visit on 5th of October 2018. The students got a first-hand look at the various treatment units in large-scale treatment of sewage and also a clear understanding of the tertiary treatment undertaken at V valley for treating sewage to be reused for various industrial processes. An industrial visit was organized by the Department of Civil Engineering, for 5th semester students on 10th November 2018. Faculties Mr. Manish, Mr. Vinod and Mrs. Archana K accompanied the 43 students along with Mr. Siddananjaiah (lab instructor). The visit comprised of Varahi Underground Power project and Mani dam. Students were exposed to real time maintenance of the hydro power project and actual working of massive turbines.



Poster Presentations:

Technical Idea presentation in the form of posters was encouraged. The students were given the privilege to choose the area or the faculties guided them in deciding the topic. The poster presentation was a key element in presenting their observations in a neat and organised manner and the students have excelled in the same. This gave the students an opportunity to share their idea with community

Engineer's Day:

Engineers Day was celebrated at BMSIT&M, on 11th of October, 2018 .Er Kemparamaiah, Executive Engineer, who served the BWSSB for several decades was the chief guest .The event was graced by Principal, Vice-Principal, HoD's and Faculty. On the occasion, Er Kemparamaiah had emphasized on the need for interdisciplinary knowledge in the Engineering education.

TECHNICAL TALKS

Speaker	Topic
Mr Vikram Natarajan	• Fire Safety & Protection in Buildings
Er.Vinod R	• Basic Concepts used in foundation Design
Dr Madhu Palati	• Electrical Safety and Product Safety
Mr. Phanindra L R	• PPE at Medical Electronics Industry.
Er. Shashibushana HS	• OSHA series 18001
Dr M R Kalgal	• Condition Evaluation of Concrete Structures
Ms Sabna Tilakan	• Soil Exploration-Importance, Methods and Challenges
Mrs Shilpa G	• Electrical Systems in Buildings
M N Ramesh	• Remedial Engineering of R C Structures in distress and protection

