



They also involved in the use of advanced survey instrument “TOTAL STATION” for the surveying and to plot the contour in the different projects.

### Paper Publication by Faculty

Following are the list of publication from Civil Engineering Department

SL No	Name of the Faculty	Year	Title	Date and location/college of the conference held	National/ international
1	Puneeth H C	2018	Characterization of construction and demolition waste in pavement quality concrete	Indian Highways ISSN 0376-7256	International
2	Puneeth H C	2018	Replacement of recycled construction and demolition waste fine aggregates in pavement quality concrete	ICSCBM-2018	International
3	Puneeth H C	2018	Replacement of coarse aggregate by recycled construction and demolition waste in pavement quality concrete	ICRRETMCE-2018	International
4	Kiran K K	2018	Analysis of reinforced concrete structure subjected to external surface blast loads	ISSN: 2395-0056	International
5	Naveen Kumar K and Shrilatha B	2018	Behavior of flat slab structure to surface blast load	IJRET	International
6	Naveen Kumar K	2018	Properties of pavement quality concrete by partial replacement of natural coarse aggregates with coconut shell	ICRRETMCE-2018	International
7	Naveen Kumar K	2018	Study of load deformation characteristics of geotextile reinforced manufactured sand of different relative densities under square footing.	ICRRETMCE-2018	International
8	Sagar S R and Naveen Kumar K	2018	Study of load deformation characteristics of geotextiles reinforced manufactured sand of different relative densities under square footings	ICRRETMCE-2018	International
9	Naveen Kumar K	2018	Non-linear analysis of influence of placement and opening of shear wall in multi-storey RC Building	IJRET	International

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**DEPARTMENT OF CIVIL ENGINEERING**



ISSUE - 2

**SAMSKRUTHI**

JUNE-2018

**VISION :** To produce high quality Civil engineering graduates to suit the ever-dynamic infrastructure industry.

**MISSION :** To develop a state of art learning center to cater the demands of future through conducive learning programs and also to develop the department as a recognized consultancy and research center catering to the needs of the industry.

Department of Civil Engineering is headed by Prof. H Narendra Kumar The Department is supported by Professors, Associate Professors and Assistant professors.



SJBIT added another feather in its cap by including Civil engineering program for the academic year 2009-10 with an intake of 60 students. The Department is well equipped with full-fledged laboratories and state of art infrastructure facilities supported by dedicated, well qualified and experienced faculty members. The Department is fully established to meet all the requirements of AICTE and VTU.

Owing to the demand of Civil Engineers graduates at State and National levels, the intake of undergraduate program was increased to 120 during the academic year 2012-13. The need for PG programs was also realized and M.Tech

courses in Structural Engineering and CAD Structures were introduced in the Department during the year 2014-2015.

The Department of Civil Engineering also has a recognized VTU Research Centre. The aim is to impart quality education of higher standards and to move towards excellence in field of technical education and research. Apart from learning activity, Civil Engineering Department motivates its students to take part in other activities such as sports, cultural, technical events at inter college and university level and have won prizes.

### Civil Engineering Department Activities

**Industry visit :** Sri Chamundeshwari Sugar Mills Pvt Ltd and it was Established, in Decemeber 1970, at Bharathi Nagar, Maddur Taluk. One day industrial visit on 26th March 2018 was organized for the final year students along with Mrs. Lakshmi C as the part of the industrial visit. The overall experience of the visit gives the student to know the practicalities in the industries, about the management of big industries from the practical perspective and learnt about organization. The visit to the industry enrich the knowledge of the students on steps involved in the manufacturing of sugar right from collection to Raw materials to the packing.





Students also visited KMF Mandya, for understanding various process involved in this industry.

A one-day industrial visit was organized to BWSSB water treatment plant located in Thorekadanahalli, for the prefinal year students on 20th April 2018 accompanied by **Prof H Narendra Kumar, Dr M K Krishna, Mrs Chaitra and Mrs Shrilatha**. This visit gives a relationship between the demand and supply of water to the Bangalore city and also explains the method to purify the water.



### Industry Tie up:

Department of Civil Engineering signed MoU with the Prayojana Construction Management Training institute for a span of 4years to give their best for the bright future of the students in current industry requirements.

And followed by Er. Ashok Kumar gave Guest Lecture on Introduction to Construction management for the 6th semester students.



### Student Chapter:

Department of Civil Engineering as started Student Chapter with "Indian Green Building Council (IGBC)" and it was Launched on 4th May 2018 by Dr. Puttaraju, Principal, SJBIT. Followed by Mr. Manjunath Vitthala Rao delivered a talk on the importance of green buildings in India.



### National Conference:

On 9th May 2018 6th National conference on "Futuristic Technology in civil Engineering for Sustainable Development" was held in the Department of Civil Engineering. Prof. H Narendra Kumar, HOD, Department of Civil Engineering Welcomed Dr. Nagaraj Sitaram, Chair Person and all the participants from various colleges. Good number of participants were participated in the event from the different colleges. Out of which two best paper were selected by the chair person and were awarded with cash price.



### Student Achievement:

Our 6th semester students received a prize for the project titled "Lake Rejuvenation and Flood Management Through Interlocking concrete Block Pavements" By our Honorable Prime Minister Mr. Narendra Modi.



Also one of our 8th semester students project has selected for the State level seminar and exhibition for the project titled "Integrated studies of Hydrological investigation and remote sensing techniques in groundwater assessment".

### Cultural Day (VARCHASVA 2018)

The annual Cultural day "VARCHASVA" was conducted on 6th and 7th April 2018. This event was organized for Students and faculties of all the departments. Students of Civil Engineering Department actively participated in all the events and won 1st place in group dance western and 3rd place for overall championship.



All the students and teachers of the department took part actively and an innate desire to dress up, look good and feel great was accomplished through this event.



### Community Service

The Department of Civil Engineering, SJBIT has adopted the KING COBRA -3Nos for one year at Banneraghatta Biological Park, Bangalore on 20th June 2018 as a part of community service.



### Fare Well:

A farewell for the outgoing students of the 2014-2018 batch was organized by the prefinal year students. The 6th semester students organized various activities for the final year students and Saplings were distributed to the faculties by the Final year students.



### Survey Camp:

Extensive Survey camp was held at Ghati Subramanya village for 6th semester students as a part of the academic activity. Students of 6th semester were actively involved in the different projects and gained knowledge on the surveying techniques.