

## 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	Dr. Rajeeva S V	2017	Seismic behavior of RC and steel concrete composite multi-storey building with and without floating columns with and without shear walls	IJRET pISSN: 2321 - 7308	International
2		2017	Dynamic analysis of RC regular and Irregular structures using Time history method.	ISSN 2321-2705	International
3		2017	Torsional irregularities in multi - storeyed structures',	ISSN 2321-2705	International
5		2017	Effect of shear wall configuration on seismic behavior of a typical RC tall building',	pISSN: 2321-7308	International
6	H Narendra Kumar Dr.Manjunath H N	2017	Characterization of water quality in RR Nagar, Banaglore	ISSN: 2321 – 2705	International
7	Prasad C S M V	2017	Limnological Studies On Chowkihalli Tank Waters	ISSN: 2321 – 2705	International
8		2017	Land Use and Land Cover Change detection by Remote sensing and GIS techniques	ISSN - 2278-9928	International
9		2017	Water Quality Indices for surface Water in Hebbal Valley,Bangalore	ISSN 2395-1052	International
10		2017	Contour characterization and groundwater quality studies in Hebbal valley	ISSN: 2349 -4077	International
11	Dr. M K Krishna	2017	Decolorization of synthetic and textile waste water by Fenton process	ISSN - 2319 2399	International
12		2017	Treatment Of Service Station Wastewater Using Ectrocoagulation Process"	ISSN - 2394-3629	International
13	P S Ramesh	2017	Experimental Investigations on erosion Characteristics of Black cotton soils (Under Review)	ASCE 1943-7900	International
14	Lakshmi C	2017	Studies on biogas production using withered flowers as a substrate.	Id 20170606040	International
15	Ganesh M & Spandana B	2017	Time History analysis of fixed base and base isolated reinforced concrete building	IJRET pISSN: 2321 - 7308	International
16	Ramesh B M	2017	Seismic Vulnerability of Plan Irregular RC Buildings with Soil-structure Interaction	ISSN : 2395-0072	International
17	Kiran K K	2017	Buckling analysis of Multi-Story Steel building with and without bracing under different soil conditions	ISSN:2320-334X	International
18	Srinivas K S	2017	Comparative study on masonry infill, friction dampers and bare frame structures under seismic forces	ISSN: 2395-0072, Vol -4, Issue-6	International
19	Kiran Kuldeep K N	2017	Behavior of outrigger systems for high rise building	ISSN :2395-0056	International
20	Nisarg Shankar & Shrilatha B	2017	Impact of Conventionally and Non-Conventionally Treated Waste Water on Characteristics Strength Of Concrete	ISSN : 2395 – 0056	International
21	Supreeth S	2017	Study on Behavior of Tubular Diagrid Structures During Seismic Excitation	ISSN: 2395-0072	International
22	Rohith M, Puneeth H C & Sagar S R	2017	Experimental Study on Strength Properties of Black Cotton Soil Stabilized with Bagasse Ash	ISSN 2393-8374	International
23	Rohith M & Arundhati M V	2017	Traffic Behavior at Toll Plaza around Bangalore	ISSN : 2395-0072	International
24	Rohith M, Puneeth H C & Sagar S R, Shrilatha B	2017	Effect of Primary Treated Waste water in Concrete Mix	ISSN : 2393-8374	International

### Editorial Board

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**DEPARTMENT OF CIVIL ENGINEERING**



ISSUE - 1

**SAMSKRUTHI**

JANUARY - 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 :** One day industrial visit was organized to the Mailasandra Sewerage Treatment Plant and Vrishabhavathi Valley Treatment Plant on 09/11/2017 for the Final year students as part of the Academic curriculum. The 75 MLD secondary sewage treatment plant was constructed to treat the wastewater. The plant is designed to treat the sewage from various parts of Bangalore city. The plant bagged the "ICI-(KBC)-Birla Plus Endowment Award" for outstanding concrete structure of Karnataka for the year 2004.



The overall experience of the visit gives the student to understand the process of the treatment plant right from the pre-treatment system to sludge treatment system.



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**Samrachana:**

The third annual Techno-cultural fest “SAMRACHANA” was organized on 8/11/2017. Students of department of civil engineering took part in various events and participated actively. The fest began with the inaugural by the Principal of SJBIT, Bengaluru who has encouraged us with his constant support and motivation.



The various events that were conducted were town planning, bridge design, vision parallel intelligence, value it, auto cad design. The other non-technical events were beg borrow steal, minute to win it, slow drag, mini cricket etc. Students showcased their specific ideas in several technical aspects such as plastic bottle house, masonry arch bridge, elevated parking, rotating building etc.

The “INFINITY RUNWAY” was the centre of attraction which was model of runway design prepared by the students.



Students had also prepared “Bottle house” completely using plastic bottles.



**Ethnic Day (SAMSKRUTHI 2017)**

The annual Ethnic day “SAMSKRUTHI” was conducted on 13/11/2017. This event was organised for all the departments having each different themes and the programme inaugurated by Reverend Sri Sri Prakashnath Swamiji. The theme for Civil Engineering Department was chosen to be “KANNADAJYOTHSAVA”.



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 organized community services activity at ASHRAYA VRUDHASHRAMA maintained by SEVASHRAMA TRUST®, on 20/12/2017 Prof. H Narendra Kumar., HOD of the Department and staff of the department handed over groceries to manage and inmates of Vrudhashrama.



**Student development programme**

Department of civil Engineering invited a resource person Mr. Hemanth Reddy from ETHNOTECH Academic solution on 10/01/2018 to

12/01/2018 to deliver lecture on application of GIS field work and map generation and also to explain the usage of total station in the civil engineering field work for the 6th sem students. Prof H Narendra Kumar HOD Department of civil engineering welcomed Mr. Hemanth Reddy.



the training started with the application of GIS on Day1 and on Day2 working with the total station and carrying topographical survey. On Day3 it was a practical session and mapping of work using GIS softwares.



**Achievement**

One of our Faculty Neethu Patil has been awarded Philosophy in Doctorate from Kuvempu University for the Ph.D thesis entitled “Evaluation of heavy metal accumulation in soil, crops and some weeds of industrially polluted fields of Bhadravathi”.

