



SRI SAI VIDYA VIKASA SHIKSHANA SAMITHI (R)

SAI VIDYA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University (VTU), Approved by AICTE, New Delhi)
Rajanukunte, Bangalore-560064

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Department of Civil Engineering



“NIRMAANA”

2018-2019

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**Sai Vidya Institute of Technology
Rajankunte, Doddballapur Main Road
Bangalore-560064**

MAN OF THE MILLENNIUM



Bharat Ratna Mokshagundam Visvesvaraya KCIE

About the Department

The Department of Civil Engineering in SVIT was established in the year 2010 affiliated to Visveswaraya Technological University, Belgaum, Karnataka. Over the years, it has grown into one of the finest centres of learning in the field of Civil Engineering.

The Department is headed by Prof. R Leeladharesha who has vast experience in academics and engineering fields who encourages with the academics and also shows keen interests in students with extra curriculum activities such as Sports and Cultural.

The Department offers Under Graduate Program in Bachelor Degree in Civil Engineering with an intake of 60 students. The Department has well experienced faculty members to provide the best of engineering knowledge to the students. Well established laboratory, timely conducted workshops, seminar and Faculty Development Programs make both faculties and the students aware with the latest technical endeavors and global exposure.

A department library is operational apart from the central library. Department has set up an infrastructure for students to take up massive online open courses like NPTEL, IIRS and GIS & Remote sensing course from ISRO.

The Department conducts refreshing crash courses for competitive examinations conducted by KPSC and other authorities for the posts of Assistant Engineers and assistant Executive Engineers in various Karnataka State Government bodies like KPWD, BBMP, KUWSSB, KEB, Karnataka Irrigation and water resources department etc.

Special Coaching classes will be arranged for GATE for pursuing higher studies in reputed Institutions of India.

Vision of the Department

To produce Civil engineers with the necessary knowledge, skills, attitudes and to be the fountain-head of new ideas and innovations in Civil Engineering, who can be entrusted by the society to lead a sustainable world with enhanced quality of life.

Mission of the Department

- To provide high quality technical education to students for a successful career with professional consultancy, outreach and manpower training as well as leadership in civil engineering.
- Leaders of the natural environment and its resources.
- Innovators and integrators of ideas and technologies across the public, private and academic sectors

Program Educational Objectives (PEOs)

PEO 1- Lead and work in a team with effective communication skills to pursue civil engineering endeavors in multidisciplinary areas.

PEO 2- Function ethically in their profession and meet professional challenges.

PEO 3- Engage in lifelong learning through independent study, participating in professional conferences, workshops or continuing education.

Program Specific Outcomes (PSOs)

PSO 1: Impart practical knowledge in planning, analysis, and design and construction management.

PSO 2: Function as a professional engineer and contribute towards betterment of the society.

PSO 3: Function as an individual or in a team to find solutions for civil engineering problems of multi disciplinary nature in the context of environmental and sustainable development.

Program Outcomes (POs)

- PO1: Engineering knowledge** - Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis** - Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions**- Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems** - Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage** - Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society** - Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability** - Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics** - Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work** - Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication** - Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance** - Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning** - Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Director's Message

I am pleased to note that Department of Civil Engineering, SVIT is bringing out Department Newsletter for 2018-19. I appreciate the enthusiasm of magazine members of the Department who have contributed to the Newsletter. Department newsletter definitely provides a platform to showcase the activities and achievements of the students and staff such as: conferences attended by staff members and students, competitions won by students, innovative projects carried out by students with the guidance of staff, among others. I wish the students and staff of Department of Civil Engineering, all success.



- Prof. M R Holla, Director, SVIT

Principal's Message

I am extremely delighted that the Department of Civil Engineering is bringing out newsletter every year and this is an on-going process portraying the various Departmental activities. It is great to find a considerable number of achievements in academic and non-academic activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring laurels to the institution. I wish that this number may grow in the years to come. My congratulations to Civil team.



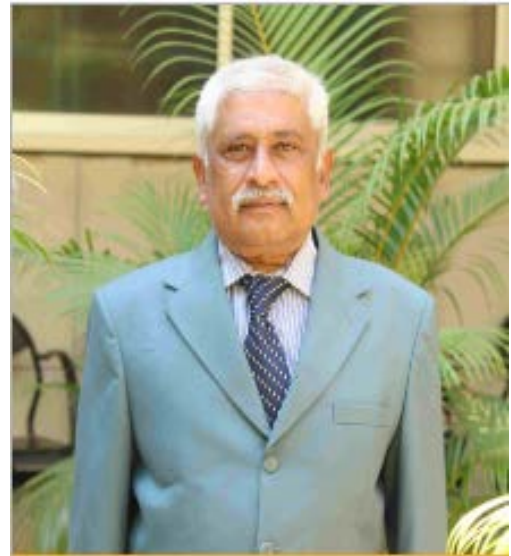
- Dr. H S Ramesh Babu, Principal, SVIT

Message from HOD's Desk

The Department of Civil Engineering is glad and proud to release the newsletter. The newsletter has been planned and published to encourage the students and faculty members to bring out their talents in technical and non-technical activities.

I wish this newsletter will help the students to be updated in the latest technologies of civil engineering field and encourage them towards the same.

I am sure this newsletter will also help the students in developing their communication skills. I thank our Management and Principal for their kind support in bringing out our Department's newsletter. I thank all our faculty members and editorial team for their support and cooperation. I am sure, it is just a beginning and there is lot more in store for the days to come.



- Prof. Leeladharesha, HOD, Civil, SVIT

Teaching Staff from the Department

	<p>Prof. Leeladhresha HOD & Professor B.E, M.Tech (Structures)</p>		<p>Prof. Sunil H G Assistant Professor B.E, M. Tech (Structures)</p>
	<p>Dr. Ananthayya. M. B Professor B.E, M.Tech ,PhD (Structures)</p>		<p>Prof. Pallavi P Assistant Professor B.E, M. Tech (Geotechnical Engineering)</p>
	<p>Dr. Megha Kulkarni Professor B.E, M.Tech ,PhD (Environmental Engineering)</p>		<p>Prof. Akshay Kumar Assistant Professor B.E, M. Tech (Structures)</p>
	<p>Prof. Sreekumary G Assistant Professor B.Sc, M.Sc (Geology)</p>		<p>Prof. Nayana Manohari Assistant Professor B.E, M. Tech (Structures)</p>
	<p>Prof. Sumam S B Assistant Professor B.E, M. E (Water Resources Engineering)</p>		<p>Prof. Gowtham Assistant Professor B.E, M. Tech (Transportation Engineering and Management) (PhD)</p>

INTERNATIONAL CONFERENCE ON TOPICAL TRANSCENDS IN SCIENCE, TECHNOLOGY AND MANAGEMENT – 2018 (ICTTSTM-2018)

International conference on topical transcends in science, technology & management (ICTTSTM-2018) was held on 17th and 18th August 2018 in SVIT which was organized by institute and coordinated by Department of Civil Engineering. Total 54 papers from various engineering department has

been reviewed and accepted for presentation and publication in the conference proceedings. Selected papers has been evaluated department wise by various industry experts and professors from different colleges and top two papers from each session has been awarded as best paper.



KSCST PROJECTS

The following projects were selected by KSCST during the year 2017-2018 (41st series) and both the projects were eligible for the second round of exhibition held at Bapuji Institute of Engineering and Technology, Davangere on 10th and 11th August 2018.

Project 1:

“Drought Risk Assessment and mapping in Ramanagara District Karnataka- Using remote Sensing and GIS Technology” under the guidance of **Prof. Sreekumary J**

Students Details:

- Mr. AnilKumar H A (1VA14CV003)
- Mr. Bharath D (1VA14CV009)
- Mr. Rakshith G S (1VA15CV410)

Project 2:

“Ground water recharge in drought areas of Chitradurga district, Karnataka using GIS” under the guidance of **Prof. R Leeladharesha.**

Students Details:

- Mr. Mohammed Irshad (1VA14CV043)
- Ms. Varshini S G (1VA14CV053)
- Ms. Meghana K (1VA14CV031)
- Mr. Karthik J P (1VA15CV403)

STUDENT'S PUBLICATIONS

SL. NO.	DATE	STUDENT NAME	TITLE	CONFERENCE/ JOURNALS
1	10 TH May 2018	SOWMYA HALAPETI	Comparison of strength properties of conventional and self curing concrete	National conference on "Recent advances in Civil Engineering"- RACE organized by SJCIT (MANTHANA 2018)
		APOORVA M		
		ARCHANA G D		
		BABY TASNEEM		
2	10 TH May 2018	SHREYA SHIVAKUAMR	Experimental investigation on strength parameters of Control low Strength Materials	National conference on "Recent advances in Civil Engineering"- RACE organized by SJCIT (MANTHANA 2018)
		KIRAN KUMAR R		
		PAVAN GOWDA R		
		SANDEEP U		
3	26 TH May	NITYANU NAIK	An Experimental investigation on mechanical properties of SFRC by replacing cement by copper slag and sand by iron ore tailings	National conference on "Advanced Research in Science, Engineering & Management " held at PES Institute of Technology & Management, Shivamogga
4	22 nd & 23 rd May 2018	KEERTHIPRIYA	Asphalt Energy harvesting through Piezoelectric Sensor technology	International Conference on "Smart City in India: Issues and Challenges" organized by Dept. of Civil & Mechanical Engineering, SVCE.
		RAJAT KUMAR DWIVEDI		
		SACHIN		
		RAJANI HEGDE		
5	28 TH March	MEGHANA K	Artificial ground water recharge	Sponsored by KSCST
		VARSHINI S G		
		KARTHIK J P		
		S IRSHAAD		
6	10 TH May 2018	KULDEEP K	A Case study of Intelligent parking to assist and design of parking area at Avenue Road	National conference on "Recent advances in Civil Engineering"- RACE organized by SJCIT (MANTHANA 2018)
		RAJESH G D		
		KARTHIK B A		
		P YESHWANTH		
7	10 TH May 2018	SAUGAT CHAKRABORTY	An Audit on traffic choke of road network connecting to Hebbal junction (Bangalore) and finding solutions to overcome traffic choke	National conference on "Recent advances in Civil Engineering"- RACE organized by SJCIT (MANTHANA 2018)
		YATISH N		
		PREM KUMAR REDDY N		
		CHEZHAN P C		
8	10 TH May 2018	TANIA CHAMRAK	Experimental review on utilization of waste plastic bottle as Geocell in flexible pavement	National conference on "Recent advances in Civil Engineering"- RACE organized by SJCIT (MANTHANA 2018)
		MANISH PANDIT		
		SUBRATA NATH		

9	10 TH May 2018	YOGEESH K L	Runoff estimation of Somavarpet using SCS-CN model and GIS	National conference on “Recent advances in Civil Engineering”- RACE organized by SJCIT (MANTHANA 2018)
		ANILKUMAR L T		
10	10 TH May 2018	RADHA N	Analyze and re-design of drainage system in storm struck areas - HSR layout, Bengaluru, considering the road geometrics	National conference on “Recent advances in Civil Engineering”- RACE organized by SJCIT (MANTHANA 2018)
		SWATHI C S		
11	10 TH May 2018	A ASVITHA	A study to analyze conflicts in traffic congestion at surroundings of electronic city, Bangalore and audit on remedial measures to enhance level of surface	National conference on “Recent advances in Civil Engineering”- RACE organized by SJCIT (MANTHANA 2018)
		RAKSHITH B R		
		VIGNESH		
		VIPUL		
12	10 TH May 2018	DEEKSHITH	Analytical Investigation of RC structures incorporated outrigger system for different seismic zones	National conference on “Recent advances in Civil Engineering”- RACE organized by SJCIT (MANTHANA 2018)
		PAVAN. R		
		RAJASHEKAR.A.C		
		VEERENDRA REDDY.B.R		
13	28 TH March	ANIL KUMAR H.A	Drought risk assessment and mapping in Ramanagara district using GIS and RS.	Sponsored by KSCST
		BHARATH D		
		PUNEETH K P		
		RAKSHITH G.S		
14	10 TH May 2018	SAI KRISHNA	Analytical Investigation of Impact of Semi Rigid Connection on steel space frame using CYPE	National conference on “Recent advances in Civil Engineering”- RACE organized by SJCIT (MANTHANA 2018)
		PRABHU B S		
		SHANKAR S		
15	May- June 2018	MANJUNATH V	Investigation on the influence of effective bracing system in multi storeyed structures using CYPE	Internal Journal of Advanced Research Ideas and Innovations In technology Volume 4, Issue -3, May-June 2018
		NELLORE SANKALP REDDY		
		SUDARSHAN T S		
		GURUPRASAD HEDGE		
16	24 TH May 2018	ARUNA CM	Assessment of Point and Non point source pollution of Cauvery basin flowing in Mandya District.	National conference on “Recent trends in Engineering science and Technology”- organized by Department of Civil Byregowda Institute of Technology, Kolar
		KARTHIK S		
		RANJITH MN		
		SANJITH KUMAR		

FACULTIES PUBLICATIONS

SL. NO.	FACULTY	TITLE OF PAPER	NATIONAL /INTERNATIONAL CONFERENCE
1	Prof. R LEELADHARESHA	Artificial Ground Water Recharge	National
2	Prof. SREEKUMARY G	Drought Risk Assessment and Mapping in Ramanagara District using GIS and RS.	National
3	Prof. PALLAVI P	Experimental Review on Utilization of Waste Plastic Bottle as Geo cell in Flexible Pavement	National
4	Prof. GOWTHAM B	A Case Study of Intelligent Parking to Assist and Design of Parking Area at Avenue Road	National
5	Prof. GOWTHAM B	An Audit on Traffic Choke of road Network Connecting to Hebbal Junction (Bangalore) and finding solutions to Overcome Traffic Choke	National
6	Prof. GOWTHAM B	Analyse and Re-Design of Drainage System in Storm Struck Areas - HSR Layout, Bengaluru, considering the Road Geometrics	National
7	Prof. GOWTHAM B	A Study to Analyse Conflicts in Traffic Congestion At Surroundings of Electronic City, Bangalore And Audit On Remedial Measures To Enhance Level Of Surface	National
8	Prof. NAYANA MANOHARI T K	Comparision of Strength Properties of Conventional And Self Curing Concrete	National
9	Prof. SUNIL H G	Experimental Investigation on Strength Parameters of Control Low Strength Materials	National
10	Prof. SUNIL H G	Analytical Investigation Of Rc Structures Incorporated Outrigger System For Different Seismic Zones	National
11	Prof. SUNIL H G	Investigation On The Influence Of Effective Bracing System In Multi-Storied Structure Using CYPE	National
12	Prof. SUNIL H G	Analytical Investigation Of Semi Rigid Connection In Framed Structure Using CYPE	National
13	Prof. AKSHAY KUMAR	Investigation on The Influence Of Effective Bracing System In Multi-Storied Structure Using CYPE	National
14	Prof. AKSHAY KUMAR	Analytical Investigation of Semi Rigid Connection In Framed Structure Using CYPE	National
15	Prof. SUMAM S B	Runoff Estimation of Somavarpet Using SCS-CN Model And Gis1	National
16	Prof. SUMAM S B	Analyse And Re-Design Of Drainage System In Storm Struck Areas - Hsr Layout, Bengaluru, Considering The Road Geometrics	National

DEPARTMENTAL LIBRARY

In the view of helping the students, Department has established a library with 300 books, which students and faculties can use. Library just doesn't consist of text books and reference books, it also has question papers of various government service exams with solutions, question banks, solved question papers, reports, etc.

The Department library encourages students to use the daily newspaper which is available in the library.

NPTEL COURSES

Students and faculties from Department of Civil Engineering actively participate in the NPTEL courses and have been certified by IIT's.

Sl. No.	Name of the Faculty	Subject
1	Prof. Pallavi P	Geotechnical Engineering Lab
2	Prof. Gowtham B	Geotechnical Engineering Lab
3	Prof. Sreekumary G	Introduction to Geographic Information System
4	Prof. AkshayKumar	Reinforced Cement Concrete

Nearly 30 students registered for NPTEL courses and are certified from IIT's in subjects like Reinforced Cement Concrete, Introduction to Geographic Information System, Geotechnical Engineering Lab, etc.

ISRO ONLINE COURSES

- Students and faculties (60 in number) are certified in **“Basics of Remote Sensing, Geographical Information system and Global Navigation Satellite System”** conducted from August 21 2017 to December 04 2018 by Indian Space Research Organization (ISRO), coordinated by Prof. Sreekumary G.
- Students and faculties (21 in number) are certified in **“Advanced Image Analysis”** conducted from June 04 2018 to June 18 2018 by Indian Space Research Organization (ISRO), coordinated by Prof. Sreekumary G.

**Students Mentoring Program in association with ACCE
(Association of Consulting Civil Engineers)**

SEMESTER: 4th SEM

Sl. No.	Session Date /day	Topic	Resource person	Hours Engaged	Total hours Engaged
1	07.03.2018 Wednesday	Civil Engineering - A World of Challenges and Opportunities	Dr. Manamohan R Kalgal	3hrs	21hrs
2	14.03.2018 Wednesday	construction Methodology - Part I Basics : (Formwork & Scaffolding, reinforcement fabrication, excavation, Dewatering, shoring principles, pumping of concrete placement of tower crane, hosting, transportation logistics)	Ms. Sapna Devendra	3hrs	
3	21.03.2018 Wednesday	Basics of Plumbing, Electrical and Sanitation for residential buildings	Er. N Venkateshwara Rao	3hrs	
4	04.04.2018 Wednesday	Practical Applications of Surveying (Setting out on /site , classical methods using tape , 3-4-5 rule, theodolite. Using total stations, using data auqried, data added and transferred to the ground) including calculations, including reading of relevant drawings.	Er. Hemanth Reddy S	3hrs	

5	11.04.2018 Wednesday	Desirable concreting practices (Field problems, Manufacturing and transportation, compatibility issues, post hardening problems, attributes for deficiencies in performance.)	Er. V R Kowshika	3hrs	
6	18.04.2018 Wednesday	Contemporary / Smart Building materials and Construction Methodology	Er. H R Girish	3hrs	
7	25.04.2018 Wednesday	Basic computations of estimation for Civil Works, Wood joinery, Steel reinforcement, Excavation for ordinary residential buildings.	Mr. P L Shashidhara	3hrs	
8	9.05.18	Industrial Visit			

SEMESTER: 6th SEM

Sl. No.	Session Date /day	Topic	Resource person	Hours Engaged	Total hours Engaged
1	07.03.2018 Wednesday	Environment impact assessment (Urban Waste Management, Renewable Energy, Alternate Energy, Natural Resource Management)	Er. B. V. Ravindranath	3hrs	

2	14.03.2018 Wednesday	Appreciation of Structural behaviour through physical observation (Inertia concepts, Form & Strength base design, Hybrid Concepts) Conceptualization of Structural members, structural systems their behaviour, limitations	Er. Umesh B Rao	3hrs	24hrs
3	21.03.2018 Wednesday	Techno Sales, Techno Marketing and Business Development	Er. Vijay B Kulkarni	3hrs	
4	04.04.2018 Wednesday	Water Proofing	Er. Ajitkumar S M	3hrs	
5	11.04.2018 Wednesday	Masonry Structures	Prof. K S Jagadish	3hrs	
6	18.04.2018 Wednesday	Fundamental concept of Project management (Cash flow, material management, Insurance policy, Labor management, Local laws)	Er. B N Sathish	3hrs	
7	25.04.2018 Wednesday	Construction Methodology - part II(quantity surveying, stacking principles for different materials, environmental concerns , HSE , lab tests,).	Ms. Sapna Devendra	3hrs	
8	2.05.18	“Design of Structural elements”	Er. Nagendra Kumar	3hrs	
9	9.05.18	Industrial Visit			

EMESTER: 8th SEM

Sl. No.	Session Date /day	Topic	Resource person	Hours Engaged	Total hours Engaged
1	07.03.2018 Wednesday	Tendering & Contract Documentation	Er. G N Yoganarasimhan	3hrs	18hrs
2	14.03.2018 Wednesday	Quality Assurance & Quality control	Er. K S Srinivas	3hrs	
3	21.03.2018 Wednesday	Restoration, Rehabilitation& Repair of structures (Inclu ding testing of NDT & Semi destructive test)	Er. R K Sunil	3hrs	
4	04.04.2018 Wednesday	Sustainability Assessment	Dr. Ajit Sabnis	3hrs	
5	11.04.2018 Wednesday	Application of ILD (Cranes, Gantry girder, bracket design, Bridge design)	Er. Jagadish H T	3hrs	
6	18.04.2018 Wednesday	Specifications, Co sting, Bill of Quantity	Er. Nagesh Ramamurthy	3hrs	

INTERNSHIPS

- Following students completed their internship in a renowned project at Ajjampura Project Site by Shankaranarayana Constructions Private Limited (Survey, Investigation, design, estimation, construction and maintenance of 6.9km tunnel connecting lift canal from Bhadra reservoir to Chitradurga branch canal near Ajjampura including tunnel approach and exit) from 18/01/2018 to 06/02/2018.

1. Kiran Kumar R (1VA15CV404)
2. G D Rajesh (1VA14CV016)
3. Karthik B A (1VA14CV021)
4. Pavan R (1VA15CV406)
5. Pavan Gowda R (1VA15CV407)



- Following students completed their internship in Karnataka state Remote Sensing Application Centre (KSRSAC), Bangalore under the guidance of Dr. Jaykumar P D from 20/01/2018 to 04/04/2018.

1. Anilkumar H A (1VA14CV003)
2. Bharath D (1VA14CV009)



INDUSTRIAL VISITS

RAJANKUNTE RAILWAY STATION

Students from 4th year were made to visit the Rajankunte railway station for experiencing and learning the Design of steel structures, trusses and steel connections that is Welded and Bolted connections, Basics of components of railway tracks and also witnessed the pre-cast structures on 2nd May 2018.



VISIT TO CONSTRUCTION SITE





Students from 6th semester witnessing the bar bending and concreting of 3rd floor, 1st block in SVIT

Construction of 23 Storeyed building by Mantri Developers at Manyata Tech park

Students got an opportunity to visit Manyata Tech Park for Mantri Developers work on 9th May 2018. Students could learn the new techniques introduced in construction of the 23 storeyed building from Mantri Developers. They also could witness Construction Machineries and procedure involved in constructing different Structural elements and also maintenance techniques like curing, deshuttering etc.



EXTENSIVE SURVEY CAMP

Students of 6th sem conducted their survey camp from 11th Jan to 17th Jan 2018, including projects of New Tank, Old Tank, Highway, Town planning and Water supply at S S Ghati, Doddballapur. Camp is a part of their academic curriculum and all students attended.



ACHIEVEMENTS OF STUDENTS

Mr. Nithin Kumar T K (1VA15CV032) and Mr. Bhavani Prasad (1VA16CV402) of 7th sem receiving the Best Paper Award at the NCACE-EWIT- 2018 a National Conference in Advances in Civil Engineering held at East West Institute of Technology on 28th and 29th September 2018



ENGINEER'S DAY AND TEACHER'S DAY CELEBRATIONS





Engineer's day and teacher's day celebrations

Engineer's day and Teacher's day, both held in the same month of the year September. Both the prominent days in life an Engineer and a Teacher was celebrated in a single day of September and was held on 18/10/2018.

NSS ACTIVITY




- Students from the Department were a part in Summer Internship held at Chilkunda, Karnataka from 08/07/2018 till 19/07/2018.
- Students participated in Independence day celebrations at college premises on 15/08/2018.
- NSS participants in cleaning the roads of Rajanukunte on 18/08/2018.
- Fund raising for Kodagu and Kerala flood relief from 18/08/2018 to 04/09/2018.
- On 3/09/2018 for the Republic Day Parade, selection process for the students was held at Belagavi.

FUNDED PROJECTS



Sl No	Project Title	Sanctioning Authority	Project Reference No.	Year of Sanction	Amount
1	Retention Behaviour of Soil Bentonite and Fly Ash Liner To Control Migration of Heavy Metals of Land Fill Leachate Solid Waste Disposal Site- Mavallipuram, Bengaluru	KSCST	42S_BE_1583	2019	8000/-
2	Ground water quality Assessment using GIS and Remote sensing: A Case study in Kolar Hobli, Karnataka	KSCST	42S_BE_3335	2019	3500/-
3	Application of GIS and RS for aquifer mapping and site suitability for ground water recharging in Bangarpet Taluk of Kolar District Karnataka	KSCST	42S_BE_1582	2019	4000/-
4	Design and Fabrication of permeable pavement model to analyze its applicability for Rural roads and Urban Parking lots.	KSCST	42S_BE_1586	2019	5000/-
5	Signal optimization in selected Areas of Bengaluru Urban and its Effect on Fuel consumption	KSCST	42S_BE_1585	2019	3000/-

TOPPERS OF THE DEPARTMENT 2018-2019

4th semester




Class Rank	Name	USN	Student Photo	Percentage
I	BASAVARAJ J	1VA17CV008		87.65
II	ASMA JAN	1VA18CV400		85.29
III	MANASA N	1VA17CV029		82.12

6th semester

Class Rank	Name	USN	Student Photo	Percentage
I	HARSHITHA	1VA16CV055		81.12
II	S KRISHNA	1VA16CV038		80.13

III	SANA SHEIKH	1VA15CV042		75.13
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8th semester

Class Rank	Name	USN	Student Photo	Percentage
I	NITHIN KUMAR T K	1VA15CV032		91.71
II	HARSHITHA J	1VA15CV019		90.86
III	MANASA M K	1VA16CV407		90.43

Editorial Board

Chief Editor

Prof. Leeladharesha

HOD

Department of Civil Engineering, SVIT

Faculty Coordinator

Prof. Sumam S B

Assistant Professor

Department of Civil Engineering, SVIT

Student Coordinators:

7th sem: Bhavani Prasad G
Deeksha R N

5th sem: Krishna S
Santhosh Kumar Yadav

3rd sem: Bhanu R V
G Ventak Dinesh



DEPARTMENT OF CIVIL ENGINEERING
(2015-2019)