



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

Tel: 080-2846 8196, Fax: 2846 8193 / 98, Web: www.saividya.ac.in

Department of Civil Engineering



Moto: Learn to Lead

“NIRMAANA”

2019-2020

ISSUE-4, VOLUME-4



**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.

- Dr. Ananthayya M B, HOD, Civil, SVIT

Teaching Staff from the Department

	<p>Dr. Ananthayya. M. B HOD, Professor B.E, M.Tech, PhD (Structures)</p>		<p>Prof. Sunil H G Assistant Professor B.E, M. Tech (Structures)</p>
	<p>Prof. Leeladharesha Professor B.E, M.Tech (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>

**2nd International Conference on Topical Transcends in Science,
Technology and Management" ICTTSTM - 2020**

**Sri Sai Vidya Vikas Shikshana Samithi
Sai Vidya Institute of Technology**

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Recognized by Govt. of Karnataka)
Rajanukunte, Bengaluru-560064



**Trustees, Principal and Staff cordially invite you for the
inaugural function of**

**"2nd International Conference on Topical Transcends in Science,
Technology and Management" ICTTSTM – 2020**

WEB CONFERENCE

Chief Guest

Dr. S. G. Sreekanteswara Swamy

Consultant

Vision Group of Science & Technology (VGST),

Department of Science & Technology (DST)

Govt. of Karnataka

Presided by

Prof. A. M. Padma Reddy

Additional Director

Sai Vidya Institute of Technology, Bengaluru

Date and Time: 12th July (Sunday) 2020, 9:30 AM

Join with Google Meet Link: <https://meet.google.com/uiz-jrps-zen>

Dr. M B Ananthayya

Convener

Dr.H.S Ramesh Babu

Principal, SVIT

Karnataka State Council for Science and Technology (KSCST) Projects/ Funded Projects

43rd Series of Student Project Programme: 2019-20

The following student project proposals approved for sponsorship by KSCST during the year 2019-2020 (43rd series)

Sl No	Project Title	Name of the Guide	Name of the Students	Project Reference No.	Amount
1	Design And Fabrication Of Automated Signal System And Parking Facilities For Smart Cities Civil Engineering	Prof. Gowtham B Prof. Pavan Kumar	Akshay K A Chaithanya K M Ms. Priya K S Smitha	43S_BE_0503	6000
2	Aplication Of Remote Sensing And Gis For Landslide Vulnerability Assessment And Rehabilitation In Kodagu District, Karnataka	Prof. Sreekumary G	K.N.Rashmi Prathiksha K S S.Krishna Vivek C	43S_BE_3689	3500
3	Suitability And Prominent Analysis On Proposal For Sustainable Management - A Case Study, Flood Area, Yadgir, Karnataka	Dr. Megha N Kulkarn	Vishwanath S Pallavi E Vishwanath D R Manoj R	43S_BE_3690	5000

Student's Publications

Sl. No.	USN	Name of the Student	Title of the paper	Name of the Journal/ Conference	Publication details	ISBN / ISSN
1	1VA16CV026	Namrata m	Study of Strength properties of Geopolymer Composite	International Conference on Tropical Transcends in Science, Technology and Management (ICTTSTM2020)	-	-
	1VA16CV042	Santosh Kumar				
	1VA16CV035	Rachana V				
	1VA16CV003	Anil Kumar S				
2	1VA16CV055	Harshitha R	Asphalt Energy Harvesting through Piezoelectric Sensor Technology	International Conference on Tropical Transcends in Science, Technology and Management (ICTTSTM2020)	Vol-40- Issue-70- March - 2020	ISSN: 2394 - 3114
3	1VA16CV044	Sharath R	Prediction of Strength Characteristics of Pet Strap Fibre Reinforced Flyash Concrete Using ANN	4 th International conference on Advanced Research in Civil Engineering, Reva University, Bengaluru, India		
	1VA16CV025	Mishrith Reddy R S				
	1VA17CV408	Hemayoon Manzoor Bhat				
	1VA17CV409	Ishfaq				

Student Participation in Inter-Institute Events

Sl. No.	Event Name	Level-State/ National/ International	Student Name	Semester	Prize Won
1	Student Projects Program (SPP) – 43 rd Series: 2019-20 by Karnataka State Council For Science And Technology(KSCST)	State level	K N Rashmi	8 th	Best project of the year
			S Krishna		
			Prathisha K S		
			Vivek C		
2	Inter university KABADDI –Women tournament 2019-20 at Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, Chennai	University level	Rachana V	8 th	University Blue
3	International webinar on Environmental Conservation by OIKOS (Eco-club, BMSIT)	International level	Anjali R	5 th	Participation
			Smitha S		
4	Webinar on 'Geopolymer Concrete Applications, Challenges & Opportunities' by Prasad V. Potluri Siddhartha Institute of Technology	Institute level	Suhas S	5 th	Participation
			Anjali R		
5	Webinar on 'Fire Safety in Buildings' by Construction Management Training Institute	Institute level	Anjali R	5 th	Participation
6	Webinar on 'Application of Remote Sensing and GIS Modules' by Construction Management Training Institute	Institute level	Suhas S	5 th	Participation
			Anjali R		
7	National level Quiz on Remote sensing and GIS by KSECGTA 2019-20	National level	Rashmi Kolar	5 th	Participation
			Prathisha K S		

8	NIE – NLQ Level 2 by NIE, Mysuru	National Level	Anjali R	5 th	Participation
9	Online Technical Quiz on ‘Civil Engineering’ by SVCE, Bengaluru	Institute level	Anjali R	5 th	Participation
			Suhas S		
10	Online Quiz on ‘Concrete Technology and Structures’ by Jain Institute of Technology, Davangere	National Level Online Quiz	Suhas S	5 th	Participation
			Anjali R		
			Archana S P		
11	E-quiz on ‘Building & Construction Technology’ by Girijabai Sail Institute of Technology, Karwar	Institute level	Smitha S	5 th	Participation
12	Leadership talk by MHRD’s Innovation cell, GOI	National level	Anjali R	5 th	Participation
13	Expert lecture on ‘Innovative Design of India’s longest Viaduct’ by Indian Concrete Institute – Bangalore centre	Institute level	K N Rashmi	5 th	Participation
14	Online Master class on fundamentals of ‘Construction Management’ by SKILLBIND Education	Institute level	Suhas S	5 th	Participation
			Anjali R		
15	Student Projects Program (SPP) – 43rd Series: 2019-20 by Karnataka State Council For Science And Technology (KSCST)	State level	Akshay	8 th	Participation
			Priya		
			Chaithanya		
			Smitha		
16	Student Projects Program (SPP) – 43rd Series: 2019-20 by Karnataka State Council For Science And Technology (KSCST)	State level	Pallavi	8 th	Participation
			Vishwanath S		
			Manoj R		
			Vishwanath D R		

Student Participation within Institute Events

Sl. No.	Event Name	Institution	Student Name	Semester
1	Webinar on 'Sampling Theory'	SVIT	Rahul V H	5 th
2	Webinar on 'Procurement Strategy Development'	SVIT	Smitha S	5 th
3	BIM in Construction Management	SVIT	Archana S P	5 th
			Anjali R	
			Smitha S	
			Suhas S	
4	Webinar on 'IOT in Construction'	SVIT	Suhas S	5 th
			Anjali R	
5	Webinar on 'Pavements – Latest Trends'	SVIT	Anjali R	5 th
			Suhas S	
6	Webinar on 'Self Compacting Concrete'	SVIT	Anjali R	5 th
			Suhas S	
7	Webinar on 'World of Concrete, Future of Construction Industry in India'	SVIT	Keerthana J	5 th
			Vinay Kumar M	
			Sushmitha S M	
			Rahul V H	
			Praveen G H	
			Maisy Moses D	
			Suhas S	
			Divya S	
			Smitha S	
			Manoj T A	
			Priya K	
			Bharath	
			Santhosh Kumar Yadav	
			Anjali R	
			Archana S P	
			Akshay K A	
			Chaithanya K M	
Supriya S B				
Rohith M				
Laya H				

FACULTIES PUBLICATIONS

SL. NO.	FACULTY	TITLE OF PAPER	NATIONAL /INTERNATIONAL CONFERENCE
1	Gowtham B	Asphalt Energy Harvesting through Piezoelectric Sensor Technology	International Conference on Tropical Transcends in Science, Technology and Management (ICTTSTM2020)
2	Nayana Manohari T K	Design of Multipurpose Green Auditorium With The Aid of Architecture And Engineering Softwares	National Conference on Convergence Of Science, Technology And Management

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 and ISRO Online Courses completed by the Students

Sl. No.	Title of the Course	Offered by	Duration (hours/weeks)	No of Students Certified
1	Design of Steel Structures	IIT Kharagpur	12 weeks	2
2	Autodesk Certified Professional: AutoCAD for design & Drafting Exam Prep	Coursera, Autodesk	-	4
3	Master Sketchup-A definitive guide	Infinite skills & Udemy	5.5 hours	1
4	Fundamentals of Bridge-concept of design and modelling	Infinite skills & Udemy	3 hours	1
5	The complete beginners guide to Autodesk Rivet Architecture	Infinite skills & Udemy	19 hours	1
6	Advanced manufacturing process analysis	The state university of New York	-	1
7	Renewable energy and green building entrepreneurship	Duke university	-	1
8	Autodesk Certified Professional: Rivet for design & Drafting Exam Prep	Coursera, Autodesk	-	1
9	Wood science: beyond building	West Virginia university	-	1
10	Quantum mechanics	University of Colorado	-	1
11	BIM fundamentals for engineers	National Taiwan university	-	1
12	Online training programme on 'Pre Contracts'	Prayojana CMTI	3 hours	1
13	Online training programme on 'Contracts management - Overview'	Prayojana CMTI	2 hours	1
14	Online training programme on 'Prefab structures'	Prayojana CMTI	1.3 hours	2
15	Water supply engineering	NPTEL, IIT Kharagpur	12 weeks	2
16	Geographical Information System (GIS) and Global Navigation Satellite System (GNSS)	IIRS	-	2
17	"RS & GIS Applications"	IIRS	-	1
18	Application of Geoinformatics in Ecological Studies"	IIRS	-	8
19	Basic Principles of Remote Sensing Technology	IIRS	-	14
20	"Satellite Photogrammetry and its Application"	IIRS	-	3
21	Fluid Mechanics	NPTEL, IIT, Guwahati	8 weeks	1
1	Geospatial Technologies for Urban planning	18 th IIRS Outreach Programme conducted by ISRO	11/02/2016 to 15/02/2016	37

Departmental Activities conducted in the academic year 2019-20

Sl. No.	Event Description	Date	No of Participants
1	<p>3 days workshop on “Computer Aided Building Planning and Drawing using AutoCAD” with CAD centre Yelhanka for the 3rd semester Civil Engineering Students. The main objective of conducting workshop is to get to know the application of AutoCAD software in civil engineering fields and also to get practical exposures</p>	<p>31/10/2019 - 02/11/2019</p>	37



2	<p>Technical Talk on “Urban warming and Bangalore”.</p> <p>Speaker: Dr. Rajesh Gopinath, Associate Professor, Department of Civil, BMSIT & M. This talk was organized for 7th semester Students.</p>	26/09/2019	37
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3	Six days Workshop is organized on “Computer Aided Building planning and Drawing using AUTOCAD” in association with Medini.	26/09/2019 to 1/10/2019	56
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Activities conducted under Construction Management Training Institute (CMTI)

1. “BIM IN CONSTRUCTION MANAGEMENT” held on 02/07/2020

Resource person,

Mr. Sachin Amarnath

BE(Civil),PGP(ACM) from NICMAR Pune
MBA in Financial Planning and Analysis
Founder and Managing Director,
Academy of Construction Excellence, Bengaluru

Meeting details,

Online platform: Google meet
Total Participants: 156

Outcomes,

- New insights in modern software tools used in construction field.
- Focus on application of software’s in reducing complex designs, calculations and analysis in civil engineering field.

SAI VIDYA INSTITUTE OF TECHNOLOGY
Rajanukunte, Bengaluru – 560064.
Department of Civil Engineering
In association with
Academy for Construction Excellence

Organizes

On demand WEBINAR
on
BIM in Construction Management

Powered By

The Webinar is open for
Students, Faculties & Industry Professionals

E-Certificates will be issued.

02 July 2020

11.15am – 12.15pm

Register for FREE & On Demand Webinar:
<https://forms.gle/GwLviBGJFMdG5rn9>

Faculty Coordinators:

Prof. R. Leshaharath
Dean, CMTI

Prof. Sunil H G
Associate Professor

Prof. Nayana Manohari T K
Associate Professor

Contact:

Prof. Sunil H G
9900098499
sunil.hg@saividya.ac.in

Prof. Nayana Manohari T K
9916919576
Nayana.manoharitik@saividya.ac.in

Resource Person

Mr. Sachin Amarnath

BE(Civil), PGP(ACM) from NICMAR Pune,
MBA in Financial Planning and Analysis
Founder & Managing Director
ACADEMY FOR CONSTRUCTION EXCELLENCE

Join in WhatsApp Group

2. "PREFAB STRUCTURES" held on 03/07/2020

Resource person,
Er. Hamsavardhan
Founder Director,
Esthete Designers & Builders Pvt
Ltd., Bengaluru

Meeting details,
Online platform: Google
meet
Total Participants: 150

- Outcomes,**
- Focus on application of prefab technology in the construction field.
 - Design & Detailing on construction procedure of prefab structure.

The poster for the 'Prefab Structures' webinar features logos for SVIT, Prayojana, and Esthete. It lists the company as Esthete Designers & Builders Pvt Ltd, located at Virtual Pool Campus Drive. The event is titled 'Internships & Placements' and is scheduled for July 3rd, 2020, from 6pm to 7pm. The agenda includes: Company Introduction, Prefab technology, Opportunities Available, and Selection Process of Interns. A photo of Hamsavardhan, Founder-Director of Esthete Designers & Builders Pvt Ltd, is shown. The convener is Dr.M.B.Ananthayya and the HOD is Prof.R.Leeladhresha. The event is organized by Bridging Institute for Construction Professionals, a member of the JK Söper Society.

3. "WORLD OF CONCRETE, FUTURE OF CONSTRUCTION INDUSTRY IN INDIA" held on 15/07/2020

Resource person,
Er. P S Punneshetty
Sr. Manager (Customer Technical Services),
J K Cement, Bengaluru

Meeting details,
Online platform: Google meet
Total Participants: 164

- Outcomes,**
- Knowledge up gradation towards new insights in concrete and construction industry.
 - Detailed basic knowledge on concrete to become professional civil engineer.
 - Applications of new technology in the construction field.

The poster for the 'World of Concrete, Future of Construction Industry in India' webinar is organized by the Department of Civil Engineering at SAI VIDYA INSTITUTE OF TECHNOLOGY. The event is on Wednesday, July 15, 2020, from 11 am to 12 pm. The convener is Dr. P. S. Ananthayya, Professor, Department of Civil Engineering. The HOD is Prof. R. Leeladhresha, Professor and Head, Department of Civil Engineering. Coordinators are Mr. Gowtham B. (Assistant Professor) and Mrs. Sree Kumary G. (Assistant Professor). The resource person is P. S. PUNNESHETTY, Sr. Manager (Customer Technical Services), J K CEMENT, Bengaluru. Registration is available via a QR code or the link <https://tinyurl.com/y9ano5w9>. A WhatsApp link is also provided for registration. A certificate will be issued for all active participants.

4. “APPLICATION OF REMOTE SENSING AND GIS MODULE” held on 30/07/2020

Resource person,
Er. R Saravanan
Water resource Engineer,
Construction Management Training Institute,
Bengaluru

Meeting details,
Online platform: Google meet
Total Participants: 100

- Outcomes,**
- Knowledge up gradation in the context of applications of Remote Sensing and GIS modules.
 - Function as a professional civil engineer and the betterment of society using Modern technologies and tools in civil problems.
 - Applications towards construction industry using Remote Sensing and GIS.

Knowledge sharing Session
Online Interaction with Prayojana CMTI Engineers & Construction Professionals , Architects
Application of Remote Sensing and GIS modules
July 30th 2020 - 2pm to 3.30pm IST

The webinar will cover the details of applications in various industries, job opportunities and need to learn these tools and basics.

Profile Summary
Mr. R. Saravanan has experience in
➤ Water Balance Modelling and Rainfall-Runoff modelling
➤ Flood modelling and River hydraulic modelling.
➤ Calculating the demands such as Domestic, Irrigation, Industries and livestock demand.
➤ GIS analysis such as Land-use and Land-cover Mapping, geomorphology, Water and Vegetation indices calculation, Groundwater potential zone mapping.
➤ Worked on the project titled "Impact of Hydro-Power Projects on Environment: A Case Study of Beas River Basin in Himachal Pradesh, India, For Assessing the Need of Minimum Ecological Flow in Downstream- GIS Approach". Proficient in ArcGIS, QGIS, HEC-RAS , Mike Hydro, AutoCAD, LOOP software's

Co Host
R Saravanan, M.E
Water resource engineer

Bridging Institute for Construction Professionals
For more details online trainings www.Prayojana.org.in

5. “PAVEMENTS – LATEST TRENDS” held on 06/08/2020

Resource person,
Er. Prakash Ramasubramaniam
Sr. Project Manager,
Downer, New Zealand

Meeting details,
Online platform: Google meet
Total Participants: 100

- Outcomes,**
- Knowledge up gradation in the context of recent trends in pavements
 - New insights in modern technology and tools in pavement construction.

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DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH
PRAYOJANA CONSTRUCTION MANAGEMENT TRAINING INSTITUTE, BENGALURU

PAVEMENTS – LATEST TRENDS

DATE: 06/08/2020
DAY: THURSDAY
12 noon - 1pm

Convener
Dr. H B Ananthayya
Professor
Department of Civil Engineering

HOD
Prof. R. Lakshminarayanan
Professor and Head
Department of Civil Engineering

Coordinators
Mr. Gowtham B
Assistant Professor
Department of Civil Engineering
Ph: 9056828815
Email: gowtham.b@saividya.ac.in
Mrs. Sree Kumary G
Assistant Professor
Department of Civil Engineering
Email: sreekumary.g@saividya.ac.in

Resource person
Er. PRAKASH RAMASUBRAMANIAM
Senior Project Manager
Downer, New Zealand

Register at

or
<https://tinyurl.com/y52lwqga>
Join through Google meet

or
<https://tinyurl.com/y2lhqz17>

NOTE: e certificate will be provided to all active participants after submitting the feedback form which will be posted in the google meet chatbox only at the end of the session.

6. "SELF COMPACTING CONCRETE" held on 14/08/2020

Resource person,

Dr. JagadishVengala
FIE, FACCE(I), Head, EDC innovation & Incubation
Centre, PVP Siddhartha Institute of Technology
Vijayawada, Andra Pradesh

Meeting details,

Online platform: Google meet
Total Participants: 145

Outcomes,

- Knowledge up gradation towards new insights in self-compacting concrete.
- Applying knowledge of professional civil engineer for the betterment of society using Modern technologies as applicable in assessing quality of Self Compacting Concrete.

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DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH
CONSTRUCTION MANAGEMENT TRAINING INSTITUTE

SELF COMPACTING CONCRETE

DATE: 14/08/2020
DAY: Friday
3 pm - 4 pm

by
Convener
Dr. B B Ganeshayya
Professor & Head
Department of Civil Engineering

Coordinators
Mr. Gowtham B
Assistant Professor
Department of Civil Engineering
Ph: 9036826613
Email: gowtham.b@saividya.ac.in

Mrs. Sree Kumary G
Assistant Professor
Department of Civil Engineering
Email: sreekumary.g@saividya.ac.in

Resource person
Dr. Jagadish Vengala
FIE, FACCE(I), Head, EDC innovation & Incubation Centre, PVP Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh

Register at

or
<https://tinyurl.com/y48ovcna>
Join through Google meet

or
<https://meet.google.com/ono-iofg-gxm>

NOTE: a certificate will be provided to all active participants after submitting the feedback form which will be posted in the google meet chatbox only at the end of the session.

7. "CRACKING AN INTERVIEW" held on 19/08/2020

Resource person,

Mr. VijayaKovilakonda
Transformation Coach
Life Strategist, Success Wizard

Meeting details,

Online platform: Google meet
Total Participants: 121

Outcomes,

- Detailing of challenges to be faced during interviews.
- Applying knowledge as a key tool in critical interviews.

Sri Sai Vidya Vikas Shikshana Samithi
SAI VIDYA INSTITUTE OF TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to VTU, Recognized by Govt. of Karnataka)
RAJANUKUNTE BANGALORE 560 064, KARNATAKA
Phone: 080-28468191/96/97/98 E-mail: info@saividya.ac.in URL www.saividya.ac.in

DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH
CONSTRUCTION MANAGEMENT TRAINING INSTITUTE

CRACKING AN INTERVIEW

DATE: 19/08/2020
DAY: Wednesday
4 pm onwards

by
Convener
Dr. B B Ganeshayya
Professor & Head
Department of Civil Engineering

Coordinators
Mr. Gowtham B
Assistant Professor
Department of Civil Engineering
Ph: 9036826613
Email: gowtham.b@saividya.ac.in

Mrs. Sree Kumary G
Assistant Professor
Department of Civil Engineering
Email: sreekumary.g@saividya.ac.in

VIJAY KOVILAKONDA
Transformation Coach,
Life Strategist, Success
Wizard

Register at

or
<https://tinyurl.com/y4qz5ts2>
Join through Google meet

or
<https://meet.google.com/yji-bngw-wyy>

NOTE: a certificate will be provided to all active participants after submitting the feedback form which will be posted in the google meet chatbox only at the end of the session.

8. "IOT IN CONSTRUCTION" held on 20/08/2020

Resource person,
Dr. GulshanTaj M.N.A
Ph.D
IIT, Roorkee

Meeting details,
Online platform: Google meet
Total Participants: 100

Outcomes,

- **Usefulness of applying IOT technology in constructions.**
- **Applying IOT applications in Enhancement of safety in construction using IOT applications.**

The poster for the 'IOT IN CONSTRUCTION' event is for SAI VIDYA INSTITUTE OF TECHNOLOGY, Department of Civil Engineering, in association with Construction Management Training Institute. The event is on 20/08/2020, Thursday, 3 pm onwards. The convener is Dr. B. Ananthappa, Professor & Head, Department of Civil Engineering. The coordinators are Prof. A. Lakshminarayanan (Professor, Department of Civil Engineering) and Dr. Gulshan Taj M.N.A (Assistant Professor, Department of Civil Engineering, IIT, Roorkee). The poster includes QR codes for registration at <https://tinyurl.com/y4wr6sgv> and joining through Google Meet at <https://meet.google.com/mfy-rqoy-shn>. A note states that a certificate will be provided to all active participants after submitting the feedback form.

9. "BASICS OF PROJECT PLANNING" held on 18/09/2020

Resource person,
Er. Sivaraman
Chartered Civil Engineer
Saudi Arabia

Meeting details,
Online platform: Google meet
Total Participants: 82

Outcomes,

- **Knowledge up gradation in Basics of Project Planning.**
- **Applying Project planning concepts in civil constructions.**

The poster for the 'BASICS OF PROJECT PLANNING' event is for SAI VIDYA INSTITUTE OF TECHNOLOGY, Department of Civil Engineering, in association with Construction Management Training Institute. The event is on 18/09/2020, Friday, 6:30 pm onwards. The convener is Dr. H. B. Ananthappa, Professor & Head, Department of Civil Engineering. The organizing coordinator is Prof. Gowtham B. (Assistant Professor, Department of Civil Engineering). The coordinators are Prof. A. Lakshminarayanan (Professor) and Prof. Gowtham B. (Assistant Professor). The poster includes QR codes for registration at <https://qrqo.page.link/3y7z1> and joining through Google Meet at <https://meet.google.com/rtj-adtp-dgo>. A note states that a certificate will be provided to all active participants after submitting the feedback form.

10. "CAUSES OF STRUCTURAL FAILURES & PREVENTIVE MEASURES" on 25/11/2020

Resource person,
Dr. M N Hegde
Former Professor & Dean(Academics)
Dr. Ambedkar Institute of Technology, Bengaluru

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DEPARTMENT OF CIVIL ENGINEERING

Organizing a webinar on
CAUSES OF STRUCTURAL FAILURES & PREVENTIVE MEASURES: LEARNING FROM MISTAKES.

DATE: 25/11/2020
2 PM to 4 PM

by

Dr. M. N. HEGDE
Former Professor of Civil Engineering,
& Dean (Academics)
Dr. Ambedkar Institute of Technology,
Bengaluru

Professional Experience
• Past Secretary, Indian Concrete Institute - ICI-KBC (2008-04 and 2008-11)
• Past Chairman of ACCE (I) - Bengaluru Centre, (2015-2017)
• Member, Board of Governors, INSTRUCT, Bengaluru, (2017-19)
• Executive Committee Member:
1) Indian Society for Earthquake Technology (ISET), (2015-17, 2009-11, 2013-2021)
2) IISc Alumni Association - IISAA (2015-2017) and (2020-2022).

Register at

<https://qrco.page.link/LD4qP>

Join through Google meet

<https://qrco.page.link/gfbAk>

Prof Gowtham.B
Coordinator
Assistant Professor
Department of Civil Engineering
Ph: 90 36628515
Email: gowtham.b@saividya.ac.in

Dr. M B Ananthayya
Convener
Professor & Head
Department of Civil Engineering

Dr. H S Ramesh Babu
Principal

NOTE: e certificate will be provided to all active participants after submitting the feedback form which will be posted in the google meet chatbox only at the end of the session.

11. "HYSD BARS & ITS PROPER USAGE ON SITE" on 21/12/2020

Resource person,
Mr. Anirudha Shah
Technical Manager
SK Steel Tech, Bengaluru

In Association with

Pure | Perfect | Precise

Indian Concrete Institute
Bengaluru Centre, Karnataka

Sai Vidya Institute of Technology

Cordially invite you for the
Webinar
on
**'Introduction to
HYSD bars and its proper
usage on site'**

Register Now

By
Mr. Anirudha Shah,
Technical Manager,
SK SteelTech

Date: 21st December 2020
Time: 10.00 a.m.

All are cordially invited.

Co-ordinator
Gowtham B
Assistant Professor
Dept of Civil Eng

Dr. M B Ananthayya
Professor & Head
Dept of Civil Eng

Dr. H S Ramesh babu
Principal, Sai vidya
Institute of Technology

K George Prabhu
Director
SK Super TMT

Andrew Prem
Head - Sales & Mktg
SK Super TMT

INTERNSHIPS

Sl. No	Programme	Training Institute	No. of Participants	Batch	Duration
1	Internship Training Programme	Prayojana Construction Management Training Institute, Bengaluru	47	2016-20	06/01/2020 to 15/04/2020

INDUSTRIAL VISITS

Site visit to “Fortuis Under the Sun” villa project in IVC road. The project is spread across 30 acres of land. It is just a 10 minute drive from Bangalore International airport and it has beautiful view of Nandi hills in the background.



ACHIEVEMENTS OF STUDENTS

Name	Sem	Activity	Academic Year	Level
K N RASHMI S KRISHNA PRATHISHA K S VIVEK C	8th	Best project of the year by KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST) under Student Projects Program (SPP) – 43 rd Series : 2019-20	2019-20	Best project of the year








RACHANA V	8th	Inter university KABADDI –Women tournament 2019-20 @ Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, chennai	2019-20	University Blue
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OPPERS OF THE DEPARTMENT 2019-2020






4th semester

Class Rank	Name	USN	Student Photo	Percentage
1	1VA18CV011	ISHFAQ AHMAD MIR		91.40%
2	1VA18CV020	MUHAMMAD YASEEN PANDITH		89.70%
3	1VA18CV029	RACHIT CHANDRAKANT JAMAKHANDI		89.60%
4	1VA18CV037	V ABHILASH		87.90%
5	1VA18CV021	NANG SUCHITRA LANGNOU		85.90%

6th semester

Class Rank	Name	USN	Student Photo	CGPA
1	BASAVARAJ J	1VA17CV008		8.96
2	RAFIQ RASHID	1VA17CV011		8.85
3	G VENKAT DINESH	1VA17CV019		8.81
4	LAYA H	1VA17CV026		8.73
5	ASMA JAN	1VA18CV400		8.73

8th semester

Class Rank	Name	USN	Student Photo	Percentage
1	HARSHITHA	1VA16CV055		83.13%
2	S KRISHNA	1VA16CV038		80.75%
3	S SMITHA	1VA16CV040		76.38%
4	RANGANATHA	1VA16CV036		76.13%
5	SANA SHEIKH	1VA15CV042		76.13%

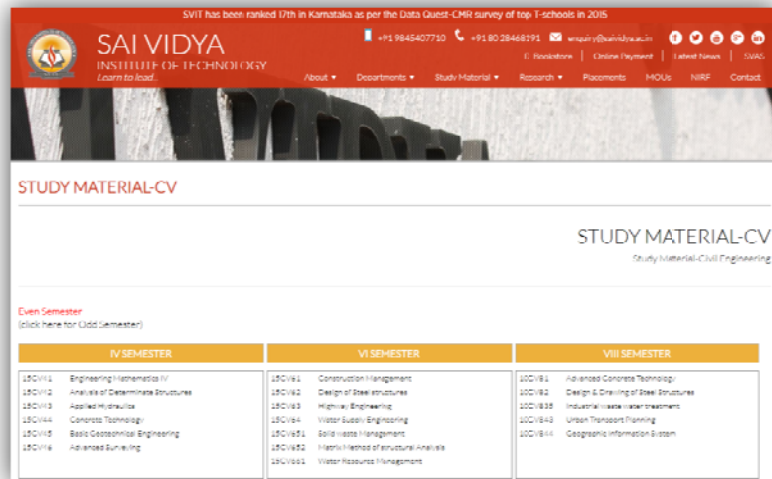
Study Materials

Blog

Blog promotes autonomous learning by providing opportunities for students. Blog for various courses are created for the benefit of the students. It contains materials which help students to gain more knowledge and skills. Blog link for various Civil Engineering Courses is provided in the College Website.

BLOG link for Civil Engineering courses:

<http://saividya.ac.in/article/show/246/0/Study%20Material-CV-EVEN.html>

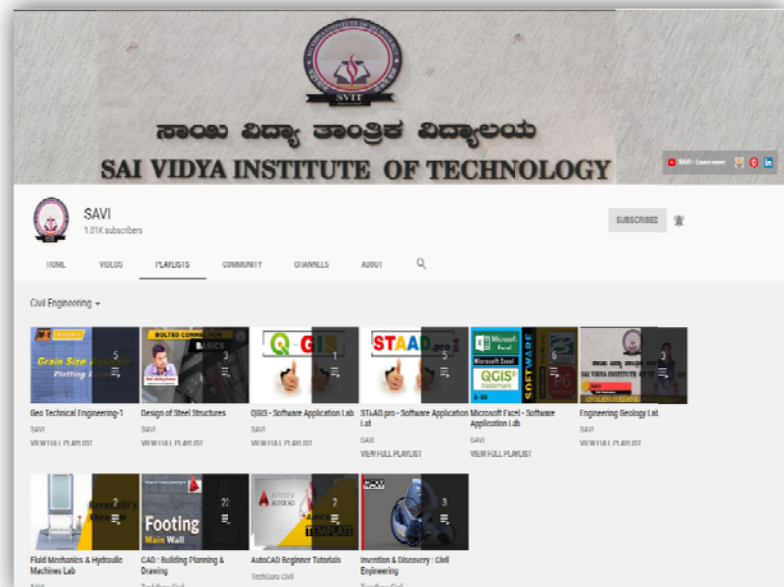


SAVI YouTube Channel (Video Tutorials)

SAVI is Sai Vidya YouTube channel which enables e-learning for the students. The use of videos related to curriculum in teaching and learning serves to benefit students. Video Tutorials link for various Civil Engineering Courses provided in the SAVI YouTube channel.

YouTube link for Civil Engineering courses:

<https://www.youtube.com/channel/UCrdtIhNiBirQSoEnXOID7og>



Editorial Board

Chief Editor

Dr. Ananthayya M B

HOD

Department of Civil Engineering, SVIT

Faculty Coordinator

Prof. Sumam S B

Assistant Professor

Department of Civil Engineering, SVIT

Student Coordinators:

7th sem: Sana Shaikkh
Sharath R

5th sem: Manasa
Vinay Kumar M

3rd sem: Rachith C J
Nidhi M L

