



SRI SAI VIDYA VIKASA SHIKSHANA SAMITHI (R)

SAI VIDYA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University (VTU), Approved by AICTE, New Delhi)
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Department of Civil Engineering



Moto: Learn to Lead

“NIRMAANA”

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

DEPARTMENT OF CIVIL ENGINEERING

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*



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.

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.

Teaching staff from the Department



Prof. Leeladharesha
HOD & Professor
B.E, M.Tech(Str)

Dr.Ananthyya.M.B
Professor
B.E, M.Tech (Str) ,PhD

Prof. Sreekumary G
Assistant Professor
B.Sc, M.Sc (Geology)



Prof. Sunil H G
Assistant Professor
B.E, M. Tech (Str)

Prof. Pallavi P
Assistant Professor
B.E, M. Tech (GT)

Prof. Akshay Kumar
Assistant Professor
B.E, M. Tech (Str)



Prof. NayanaManohari
Assistant Professor
B.E, M. Tech (Str)

Prof. Sumam S B
Assistant Professor
B.E, M. E (WRE)

Prof. Gowtham
Assistant Professor
B.E, M. Tech (TE&M), (PhD)

Activities in the Department of Civil Engineering

1. One week National Level workshop on “TOPICAL TRANSCENDS IN CIVIL ENGINEERING” (TTCE) from 31st JULY 2017 – 5th AUG 2017.



The Department of Civil Engineering organized one week national level workshop on “Topical Transcends in Civil Engineering” (TTCE-2017) from July 31st to August 5th 2017. The workshop was committed to promote, educate, exchange and impart sound knowledge and expertise in the selected areas of Civil Engineering fields to researchers, developers and academicians through keynote lectures delivered by eminent speakers from pioneer Civil industries, R&D Organizations & Academia. The workshop was inaugurated by Dr. Prof T.G Sitharam, KSIIDC, Chair Professor in the area of Mechanical Science, Professor in Civil Engineering Department, IISc-Bangalore and Chairman AICTE South western Zone. Dr.M.N.Hegde , Professor Civil Engineering Department and Dean Academic Dr.AIT, Bangalore was the Guest of honor. The function was presided over by Prof. M.R.Holla, President SVIT Bangalore a well-known national level academician. During

the inaugural address .Dr.T.G.Seetharam stressed on the available water resources all over the country and proper storage and utilization. During Presidential address Prof.Holla graced the workshop and highlighted its importance in the educational institutions.

In the workshop Fifty four participants from various organizations were participated. Eighteen resource persons from various premier institutions such as IISc, ISRO, DRDO, BMRCL, KRSAC, Central Ground water board, CPRI, Natural disaster management board, Design experts and academicians are delivered the technical talks on the various advanced aspects of Civil Engineering.

2. MOU with ACCE and Medini

- Memorandum of understanding (MoU) was made on 15th November 2017 between Association of Consulting Civil Engineers (India) and Sai Vidya Institute of Technology.



- Memorandum of understanding (MoU) was made on 28th August 2017 between MEDINI, a training , Certification and academic partner for Autodesk and PTC and



3. Technical Talk by Adjunct faculties

Sri. K S Shahsidhar delivers a talk on Detailing of Steel in RC Elements on 10/10/2017 for 5th sem Civil Engineering students.

Sri. Vasudev delivered a talk on Design of Prestressed End Block on 10/10/2017 for 7th sem Civil Engineering students.

4. Online Courses

Students and staff of Civil Engineering Department are very much included with online courses conducted by ISRO from past two years. This year IIRS 23rd Outreach Program on Basics of Remote sensing, GIS and GNSS was taken up by both faculties and students which was commenced from 21/08/2017 to 01/12/2017.

5. Engineer's Day and Teachers day Celebration



Dr. Sarvepalli Radhakrishnan & Sir. M. Visvesvaraya birthday was marked on 5th Sep and 15th Sep. A combined celebration to mark Teachers day & Engineers day was held on 16/09/2017 at SVIT.

The program was organized by the Dept. of Civil Engineering on behalf of all the Departments of SVIT. The chief guest for the event was our beloved Prof. M.R Holla, Honorable Director of SVIT. Students of all department participated and coordinated the events on this day. A documentation of Sir. M. Visvesvaraya designed by the Dept. of Civil Engineering had drawn many interest.

6. NPTEL Courses

Students and faculty actively registered and successfully completed various NPTEL courses offered by the Indian Institute of Technology, apart from their curriculum. Students opt the subject of their choice or the course in their area of interest and successfully completed various courses.

NPTEL Courses taken up by faculties

- Prof. Sumam S. B was certified for completing the course in “Concrete Technology” under the NPTEL course by Indian Institute of Technology, Madras.
- Prof. Pallavi P was certified for completing the course in “Concrete Technology” under the NPTEL course by Indian Institute of Technology, Madras.
- Prof. Gowtham B was certified for completing the course in “Concrete Technology” under the NPTEL course by Indian Institute of Technology, Madras.
- Prof. Sumam S. B was certified for completing the course in “Fluid Mechanics” under the NPTEL course by Indian Institute of Technology, Madras.
- Prof. Sreekumary G was certified for completing the course in “Earth Sciences for Civil Engineering” under the NPTEL course by Indian Institute of Technology, Kanpur.
- Prof. Pallavi P was certified for completing the course in “Geosynthetics and Reinforced soil Structures ” under the NPTEL course by Indian Institute of Technology, Madras.
- Prof. Devika Rani was certified for completing the course in “Concrete Technology” under the NPTEL course by Indian Institute of Technology, Madras.

NPTEL Courses taken up by students

- Mr. Anil Kumar was certified for completing the course in “GPS Surveying”

under the NPTEL course by Indian Institute of Technology, Roorkee.

- Mr. Anil Kumar was certified for completing the course in “ Introduction to Geographic Information system” under the NPTEL course by Indian Institute of Technology, Roorkee.
- Mr. Anil Kumar was certified for completing the course in “Digital Land Surveying and Mapping” under the NPTEL course by Indian Institute of Technology, Roorkee
- Ms. Varshitha D A was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Ms. Brunda G C was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Ms. Deeksha R N was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Ms. Pooja D was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Ms. Ashwini A was certified for completing the course in “Land Scape Architecture and

Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.

- Ms. Anusha H was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Ms. AnushaM was certified for completing the course in “Land Scape Architecture and Site Planning” under the NPTEL course by Indian Institute of Technology, Kharagpur.
- Mr. Pramod Kumar Thapa was certified for completing the course in “ Enhancing soft skills and Personality” under the NPTEL course by Indian Institute of Technology, Khanpur.

7. Department Library

Department has established a library containing more than 170 text books, Question banks, Solved Question papers, Project Reports, Seminar Reports,etc.

8. Blog Creation

All the faculties have their own blog for their respective subjects upgraded with all the study material, solved question papers,syllabus, Question papers.

9. Survey Camp

Department of Civil Engineering conducted Extensive survey project for 5th sem Civil Students as per the academic curriculum, which is one among the best training the students can get in practical. Here is a glimpse of the survey conducted from 22nd Jan - 31st Jan 2017 by the students.



The Civil Department appreciates the effort of students in conducting the Survey camp, for which an award is introduced. The best batch will be awarded with the best survey batch award with a cash prize to encourage them and bring the best out of the students.

Republic day Celebrations

The republic day celebrations held in the camp by the students was encouraged which was followed by a flag hoisting program.





10. Students Talents

Novina jeevanadalli
 Panjarada giliyu nanilli
 Haralaarade sayalaarade
 Kutihenu illi Na summame
 Harsha tumbide manadi
 Joteyali iralu
 Bidutilla ee janaru.....
 Novina jeevanadalli
 Panjarada giliyu nanilli.....
 Harshada usirali preetiside
 Manasare nanna manadaane
 Bidabeda e usira ne koneyavaregu
 Yekendare ne illade ee giliyu
 Panjaradi sayuvudu.....
 ✍ ಯತಿಶ್....



Mr. Yathish 6th sem Civil

11. NSS Activity

The NSS wing of the Department is active in communal service program. A glimpse of various activities conducted by the group is followed below here:

- Organized a blood donation camp in hands with the Red Cross Group in SVIT Campus on 14th Feb 2017
- Polio camp was conducted in the Primary Health Centre, Rajankunte on April 2nd and 30th 2017
- On the occasion of Environmental Day, planting was organized by VishwaVidyapeeth in collaboration with UthishtaBharatha, where the members of our NSS whole heartedly participated and created an example of being an environmentalist.
- A Pledge taking program was conducted for the students creating an awareness about accidents due to traffic violations and over speeding.

12. Industrial Visits

- **IISc Visit**

Students of first year Civil were taken to IISc, Bangalore for the open day exhibition on March 4th 2017 in view to help them with the upcoming science and engineering techniques.



- **ISRO Visit**

60 Students of Civil and Electronics and Communication Engineering were taken for a technical visit to ISRO Satellite Centre, Bangalore on 12th September 2017 accompanied by Prof. Sreekumary and Prof. Pallavi P.

- **ACCE Technical Talk**

Mr. Sunil H G and Ms. NayanaManohari T K assisted 15 students from , Assistant Professors, had attended the Technical talk on “Analysis and Design of RCC and Steel structures using CYPE Software”, organized by the ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA), BANGALORE CENTRE in association with ICI-(BC), RMCMA & BIT on 17/11/2017. The talk was delivered by Mr Diego Fernando Cuellar Solano – CYPE Engineer, Technical Support, Alicante (Spain) – Europe, at Bangalore Institute of Technology (BIT), Bangalore.



13. PhD Registration

For the present year Civil Department has three faculties enrolled for PhD. The following are the details of the faculties enrolled:

1. Prof. Sunil H G
2. Prof. Akshay Kumar
3. Prof. Nayanamanohari

14. Technical achievements of students and faculties

- **Workshop on Urban transportation management (UTM-2017)**

11 Students from the Department of Civil Engineering attended a one day workshop on **Urban transportation management (UTM-2017)** held on 11th March 2017 organized by the Highway Engineering Alumni , Bangalore University.

- Students from final year nearly 24 in numbers attended the **Symposium on “Building expertise and enhancing employability in various untapped sectors”** held on 24th March 2017 at VTU regional office RHCS layout ,Nagarabhavi.
Paper presented by students and faculties

- KiranKumar.R ,Akshaykumar, DevikaRani presented a technical paper in the National conference on “Review of the brunt of clean mechanism projects on climatic change – a case study at Raichur Solar power plant” held on 20th& 21st April 2017 at SaiVidya Institute of Technology.
- NithinKumar T K, Nayanamanohari T K, Sunil H G presented a technical paper in the National conference on “ Prognosis of vitality essence of fly ash concrete using artificial neural networking” held on 20th& 21st April 2017 at SaiVidya Institute of Technology.
- NithinKumar T K, Nayanamanohari T K, Sunil H G presented a technical paper in the National conference on “ PhotocatalyticNoxer Concrete Blocks” on 3rd& 4th May 2017 held at SJCIT, Chicballapur.
- MithunR,Pallavi P, Sumam S B presented a paper on “ Geotechnical properties of black cotton soil stabilized with betel nut shell for road construction” in the International Conference on Emerging research Civil, Aeronautical and Mechanical Engineering-ERCAM held at NMIT on 22nd July 2017.

Workshops attended by faculties

- Sreekumary G attended a workshop pertaining to “ Discussion on revised syllabus (CBCS), Teaching Methodology and conducting Practical Examination in

Engineering Geology” held on 11th Feb 2017 at Geological Society of India.

- Prof. Sreekumary G attended a workshop pertaining to “Applications of Remote Sensing and GIS in Civil Engineering” held on 11th Feb 2017 at SVCE.
- Prof. Gowtham B attended two days faculty refresher program on “Contemporary Classroom Management Techniques” on 31st Jan 2017 held at SVIT.
- Prof. Pallavi P attended two days faculty refresher program on “Contemporary Classroom Management Techniques” on 31st Jan 2017 held at SVIT.
- Prof. Sumam S B attended two days faculty refresher program on “Contemporary Classroom Management Techniques” on 31st Jan 2017 held at SVIT.
- Prof. Akshay Kumar attended two days faculty refresher program on “Contemporary Classroom Management Techniques” on 31st Jan 2017 held at SVIT.
- Prof.Gowtham B attended four days on “Research Methodologies and Latex, A type Setting software” from 18th Jan –21st Jan 2017 held at Atria Institute of Technology.

15. Proposed events for the upcoming semester

16. Faculties as Resource Persons in other colleges

Prof. Leeladharesha conducted FDP on Different projects in Extensive survey Camp on 15th December 2017.

17. Achievements of students in other Institutions

Students from the Department of Civil Engineering attended and participated in various events in various colleges.

- R V College of Engineering (25th and 26th October 2017)

CADD U QUANTIFY 1st place: Rajath Kumar D

- Nagarjuna College of Engineering

Paper presentation 3rd place: SheryaShivakumar and Vipul Singh

Technical Quiz 2nd place: Keerthipriya and Radha

Technical Quiz 3rd place: RajaniHegde and Veerendra Reddy

- Sri Krishna institute of Technology. (27/04/2017)

Technical Quiz: 1st place – RajaniHegde and Keerthipriya



Technical Quiz : 2nd place – Anil Kumar L T and Yogeesh K L

Fastest surveying 1st place: Anil Kumar L T and Yogeesh K L



Town planning, smart city model 1st place: Kirankumar R and PavanGowda R



- S.J.C.I.T (3/05/2017-04/05/2017)

Students of 6th sem Civil attended two day National Conference on Recent Advances in Civil Engineering Race organized by Dept of Civil of

SJCIT, Chikballapur from 3rd to 4th May 2017 in which students won the first place in paper presentation entitled “Study of Baggase ash and Lime Stabilised Marshy Soil”.

- **BMSIT**

Counter Strike gaming 2nd place :Sai Krishna

18. Internships

Following students are selected for the internship at **SNC Power Corporation, Upper Bhadra Project**, Chikamagalur Dist.

SI No	NAME	USN
1	Mr. Kiran Kumar R	1VA15CV404
2	Mr. Karthik B A	1VA14CV021
3	Mr. PavanGowda R	1VA15CV407
4	Mr. G D Rajesh	1VA14CV016
5	Mr. Pavan R	1VA15CV406

19. KSCST Projects

Following are few projects of students approved by the KSCST for the year 2017

Project :1

“Design of water supply distribution network at Rajanukunte”

Students:

1. Girish K S
2. Srikanth G
3. PrashanthBalutagi
4. Kiran M Jeeragi

Guided by: Prof.Gowtham B

Asst Professor, Dept of Civil Engg.

Project :2

“Case study to locate and analyse conflict points and deficiencies in K.R.Puram junctions and streets (Bengaluru urban area) involving in traffic conjection and accidents, audit on remedial measures to be adopted to increase level of service”

Students:

1. Dhamaresh L
2. Arun .M
3. Soundaraya K
4. D.M Sunil kumara

Guided by: Prof.Gowtham B

Asst Professor, Dept of Civil Engg.

This project was approved by KSCST for the State Level exhibition and seminar was held on 10th and 11th of August 2017 at NMAMIT, KarkalaUdupi.

Toppers for the academic year 2017

We, the staff of Civil Department congratulate our toppers of odd semesters.

8TH SEM



Lloyd D Souza
1VA13CV030



Deeksha
1VA13CV010



Manjushree
1VA13CV025

6TH SEM



Harish K
1VA14CV019
86.22%



Keerthipriya B T
1VA14CV023
81.00%



Radha N
1VA14CV038
79.33%

4thSEM



Nithin Kumar T K
1VA15CV032
84.50%



Meghashree M
1VA15CV027
83.25%



Deeksha R N
1VA15CV015
83.00%

Editorial Board

Chief Editor

Prof. Leeladharesha

HOD

Department of Civil Engineering, SVIT

Faculty Coordinator

Prof. Sumam

Assistant Professor

Department of Civil Engineering, SVIT

Student Coordinators:

7th sem: Kiran R

Rajani Hegde

5th sem: Kavya G

Bhavani Prasad

3rd sem: Pallavai Y M

Akshay K A

