



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](http://www.saividya.ac.in)



## Department of Civil Engineering

*Accredited by NBA*



*Moto: Learn to Lead*

# NIRMAANA

2020-2021

(ISSUE-5, VOLUME-5, AUGUST 2020 TO AUGUST 2021)



# Editorial Board

## *Chief Editor*

Dr. Ananthayya M B  
Professor and HOD  
Department of Civil  
Engineering  
SVIT

## *Faculty Coordinator*

Prof. Sushmitha G  
S Assistant Professor  
Department of Civil  
Engineering  
SVIT

## *Student Coordinators*

Manasa (7th Sem)  
Vinay Kumar M ( 7th Sem)  
Raksha (7th Sem)  
Nidhi M L ( 5th th Sem)  
Rachith C J ( 5th Sem)  
Sreevathsa ( 5th Sem)  
Deekshitha R (3rd Sem)  
Suhasgowda A P (3rd Sem)

Date of release: 30 August 2021



## About the SVIT

Sai Vidya Institute of Technology, affiliated to Visvesvarya Technological University (VTU), Belagavi, Karnataka, approved by All India Council for Technical Education(AICTE) New Delhi, and recognized by the Government of Karnataka, was established in the year 2008 by SRI SAI VIDYA VIKAS SHIKSHANA SAMITHI which is a trust formed by a group of well-known academicians.

This Visionary group is committed to develop SVIT as a paradigm inner future. The future of SVIT in Engineering Education is bright as the above professors are heading the departments and extend their service to develop the institution with the support of highly qualified and dedicated teaching and non-teaching staff.

Prof. M. R. Holla, a well-known academician and administrator with-over 50 years of academic and administrative experience to his credit along with an excellent team of popular professors of RVCE/RNSIT Bengaluru. The team comprises of Prof. A.M. Padma Reddy, Prof. Y.Jayasimha and Prof. R. C. Shanmukha Swamy in association with Sri. R.Srinivas Raju, a practicing Civil Engineer, Sri. M.K Manohar renowned Chartered Accountant and Sri. Narayana Rajua well-known administrator.

SVIT provides students with a sense of history, an understanding of the ideals and principles, commitment to law and morality, and an appreciation of human creativity. We believe that once the students experience these, they are ready to address the challenges of the rapidly transforming world.



## **About the Department**

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

The Department is headed by Dr. M. B. Ananthayya who has vast experience in academics, research and administration. He encourages the academics and shows keen interests in the overall growth of students along 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.

## Director's Message

I am pleased to note that Department of Civil Engineering, SVIT is bringing out Department Newsletter on achievements of the Academic year 2020-21. I appreciate the enthusiasm of the HOD and Faculty members of the department who have contributed to bringing this Newsletter. Department newsletter definitely provides a platform to showcase the activities and achievements of the students and Faculty members such as: conferences attended by staff members and students, competitions won by students, innovative projects carried out by students with the guidance of Faculty members. I wish the students and Faculty members of Department of Civil Engineering all the 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 proud to release the newsletter of the academic year 2020-21. 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 and also to share their technical skills to the stakeholders.



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 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. M. B. Ananthayya Professor & HOD,  
Department of Civil Engineering, SVIT***



## **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”

## **Mission of the Department**

- To provide high quality technical education to students for a successful career through professional consultancy, outreach and manpower training, in civil engineering.
- To transform the students as Frontrunners and guardians of the natural environment and resources
- Inspiring Innovations and integration of ideas and technologies

## **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.



## Department Advisory Board Members

| Name                        | Affiliation   |
|-----------------------------|---|
| Dr. H S Ramesh Babu         | Principal, SVIT   |
| Dr. M B Ananthayya          | Professor & HOD, Dept. of Civil Engg, SVIT Bengaluru and Chairman   |
| Prof. R Leeladharesha       | Professor, Department of Civil Engg., SVIT, Bengaluru,  |
| Dr. Megha Kulkarani         | Associate Professor, Department of Civil, SVIT, Bengaluru   |
| Dr. G Raghava               | Professor, Dept. of Civil Engineering, NMIT, Bengaluru and Former Chief Scientist and Head of the Fatigue & Fracture Laboratory ,CSIR-SERC, Chennai |
| Mr. Ratanakar Reddy         | MD, Infrasupport Engineering Consultant Pvt Ltd, Bengaluru  |
| Mr. Vasudev                 | Design Consultant, Civil Engineering Systems, Bengaluru   |
| Mr. Shamanth H P            | Transportation Infrastructure Manager, Larsen & Toubro Construction, Airport Division   |
| Mr. Kaushik M               | MD, Secured Walls, Bengaluru  |
| Mr. Sachin K A              | MD, Motion Institute of Management Studies, Bengaluru   |
| Mr. Mohan Kumar             | Admission Officer, Motion Institute of Management Studies, Bengaluru  |
| Mr. Karthik                 | Builder and Developer   |
| Mr. P M Swamy               | Senior Tax Assistant, Central and Customs, HMT Bhavan, Bengaluru  |
| Mr. Chandrakanth Jamakhandi | MD, Muttेशwari, Group, Bengaluru  |

## Teaching Staff from the Department



**Dr.M.B.Ananthayya**  
Professor & HOD  
B.E, M.Tech (Structures)  
PhD



**Mr. Sunil H G**  
Assistant  
Professor  
B.E, M. Tech  
(Structures)



**Prof. Leeladharesha**  
Professor  
B.E, M.Tech (Structures)



**Ms. Pallavi P**  
Assistant  
Professor  
B.E, M. Tech  
(Geotechnical  
Engineering)



**Dr. Megha Kulkarni**  
Associate Professor  
B.E, M.Tech  
(Environmental  
Engineering) PhD



**Mr.Gowtham B**  
Assistant  
Professor  
B.E, M. Tech  
(Transportation  
Engineering and  
Management)  
(PhD)



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



**Mrs. Nayana  
Manohari T K**  
Assistant  
Professor  
B.E, M. Tech  
(Structures)



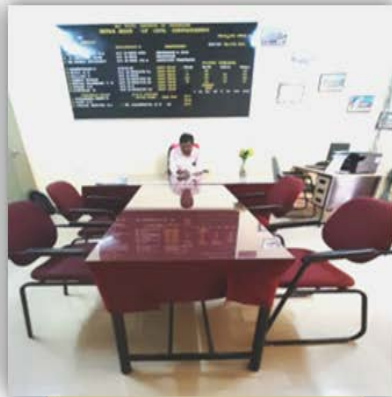
**Ms. Sushmitha G S**  
Assistant Professor  
B.E., M.Tech (Hydraulics)



# Infrastructure Facilities



Staff room



HOD Chamber



Project Lab



Class room



Seminar hall



Department Library

## LAB PHOTOS



Building material testing Laboratory



Concrete and Highway Laboratory



Fluid Mechanics and Hydraulic Machines Laboratory



Geotechnical Engineering Laboratory



CAD Laboratory



## Departmental Library

In the view of facilitating the students, Department has established a library with more than 380 books which can be used by the students and faculty members of the department. Library also consists of question papers of various government service exams with solutions, question banks, solved question papers, Project reports, Conference proceedings etc.



## Department Achievements

### 1. Faculty Achievements:

The following student project proposals are sponsored by Karnataka State Council for Science and Technology (KSCST) during the year 2020-2021 (44th Series of Student Project Program: 2020-21)

| Sl No | Project Title  | Name of the Guide  | Name of the Students  | Project Reference No. | Amount Rs |
|-------|--|--------------------|---|-----------------------|-----------|
| 1     | Utilization of Biodegradable and Non-biodegradable Waste Of Temple & Industry for Extraction of Valuable Products- Close Loop Approach to Produce Organic Fertilizer for Agriculture | Dr. Megha Kulkarni | Ms. Supriya S B<br>Ms. Yashaswini M<br>Ms. Kavya S P<br>Mr. Gowtham K | 44S_BE_2916           | 5000/-    |
| 2     | Production of Biodegradable Packaging Material from Agricultural & Food Waste.   | Dr. Megha Kulkarni | Ms. Manasa N<br>Ms. Sahana S<br>Mr. Praneeth S M<br>Mr. Jayasurya T   | 44S_BE_2917           | 6000/-    |

## 2. FDP/Seminar/Workshop Attended by Faculty:

| Sl No | Name of the faculty Members | FDP Details   | Date                      |
|-------|-----------------------------|---|---------------------------|
| 1     | Dr. M.B.Ananthayya          | Online Orientation Program for mentors ( NITTTR)  | July 26 - 30, 2021        |
|       | Prof. Sreekumary G          | Innovation, IPR, Technology Development and Entrepreneurship  | June 14 -19, 2021         |
| 2     | Prof. Sreekumary G          | Online Short Term Training Program (STTP) Phase -3 on “Effective Engineering Teaching Practices”                | April 19-24, 2021         |
| 3     | Prof. Sreekumary G          | AICTE Sponsored One Week Online Faculty Development Program on “Futuristic Trends in Civil Engineering”         | July 05-10, 2021          |
| 4     | Prof. Nayana Manohari T K   | One Week Faculty Development Program on “Modern Approach for Structural Design and Construction (MASDAC-2021) ” | 26th April -1st May 2021. |
| 5     | Prof. Gowtham B             | Online Elementary FDP on " Leadership Excellence for Academic Development(LEAD)-Elementary"                     | July 12-16, 2021          |
| 6     | Ms. Sushmitha G S           | 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education”                       | May 17-21, 2021           |
| 7     | Ms. Sushmitha G S           | Recent trends and application in ArcGIS   | June 21-26, 2021          |
| 8     | Ms. Sushmitha G S           | ArcGIS training on environmental and watershed management   | June 07-11, 2021          |
| 9     | Ms. Sushmitha G S           | “Thrust Areas of Research in Civil Engineering”(Phase-II)   | June14 -19, 2021          |
| 10    | Ms. Sushmitha G S           | Online Elementary FDP on “Leadership Excellence for Academic Development(LEAD)-Elementary"                      | July 12-16, 2021          |
| 11    | Ms. Sushmitha G S           | "Animation film design"   | July 21-31, 2021          |
| 12    | Ms. Sushmitha G S           | “Recent Trends & Challenges For New Product Development”  | October 12-17, 2020       |

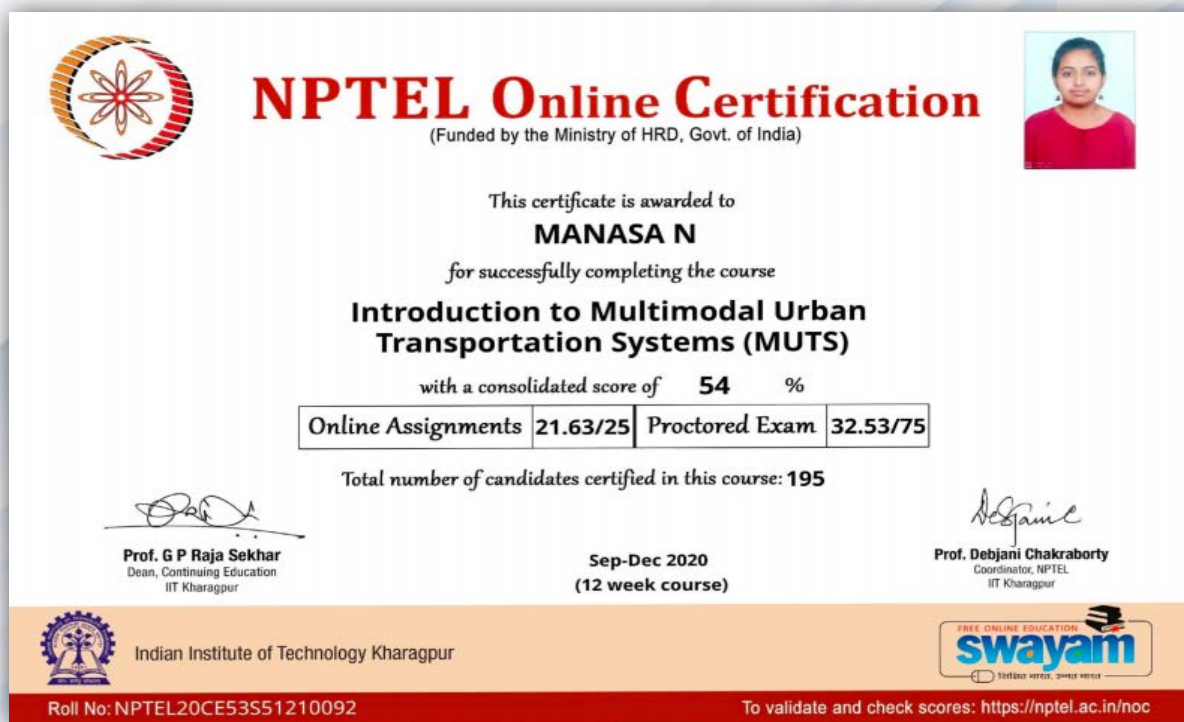
### 3. Student Achievements:

| Sl No | Event Name   | Level     | Student Name   | Sem             | Prize Won     |
|-------|--|-----------|--|-----------------|---------------|
| 1     | Online Quiz on “Civil Engineering”   | State     | Anjali R<br>Sahas S  | 6 <sup>th</sup> | Completion    |
| 2     | Webinar on “Causes of Structural Failures & Preventive Measures: Learning from Mistakes” | Institute | Shalini P<br>V. Abhilash   | 5 <sup>th</sup> | Participation |
| 3     | Webinar on “Pavements – Latest Trends”   | Institute | Shalini P  | 5 <sup>th</sup> | Participation |
| 4     | Webinar on “Basics of Project Planning”  | Institute | Shalini P  | 5 <sup>th</sup> | Participation |
| 5     | Webinar on “Self Compacting Concrete”  | Institute | Anjali R<br>Sahas S  | 5 <sup>th</sup> | Participation |
| 6     | Webinar on “Sustainable Development & Biodiversity”                                      | Institute | Anjali R<br>V. Abhilash  | 5 <sup>th</sup> | Participation |
| 7     | Webinar on “Mental health of women during COVID-19 pandemic”                             | Institute | Sahana S Gooru   | 4 <sup>th</sup> | Participation |
| 8     | Webinar on “Role Of Cement In Making Structures Durable”                                 | Institute | Shalini P<br>Prathibha N<br>Anjali R<br>Rohith M<br>Nithin V<br>V. Abhilash<br>Sahas S               | 6 <sup>th</sup> | Participation |
| 9     | Webinar on “Mental health of women during COVID-19 pandemic”                             | Institute | Shalini P<br>Prathibha N<br>Anjali R   | 6 <sup>th</sup> | Participation |
| 10    | Webinar on “Water Conservation and Recycling”  | Institute | Shalini P<br>Prathibha N<br>Anjali R<br>Rohith M<br>Nithin V<br>Manashetti<br>V. Abhilash<br>Sahas S | 6 <sup>th</sup> | Participation |
| 11    | “Basic Mandala ART”  | Institute | Anjali R<br>Shalini P<br>Prathibha N   | 6 <sup>th</sup> | Participation |
| 12    | “Employment Opportunities and Challenges for Women”                                      | Institute | Anjali R   | 6 <sup>th</sup> | Participation |



## 4. NPTEL Courses completed by the Students:

| Sl. No. | Title of the Course   | Offered by    | Duration (hours/weeks) | No of Students Certified |
|---------|---|---------------|------------------------|--------------------------|
| 1       | Introduction to Multimodal Urban Transportation System (MUTS) | IIT Kharagpur | 12 weeks               | 2                        |



**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**MANASA N**  
for successfully completing the course  
**Introduction to Multimodal Urban Transportation Systems (MUTS)**  
with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.63/25 | Proctored Exam | 32.53/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **195**

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Sep-Dec 2020  
(12 week course)

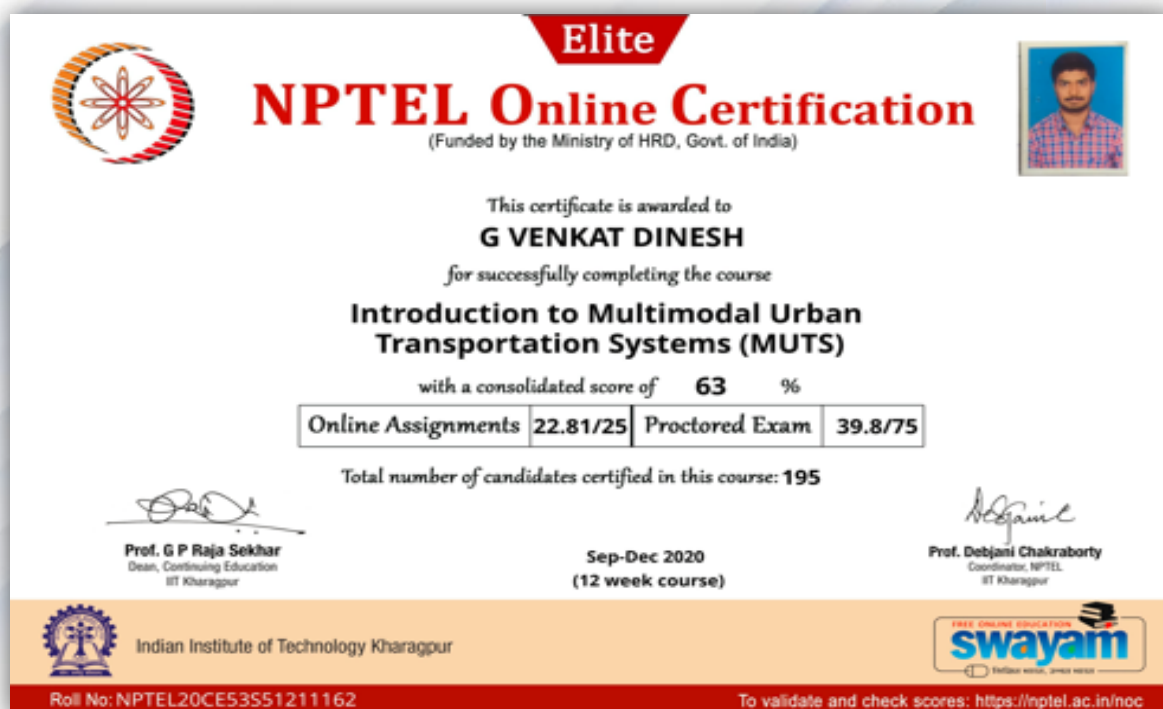
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL20CE53S51210092

To validate and check scores: <https://nptel.ac.in/noc>



**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**G VENKAT DINESH**  
for successfully completing the course  
**Introduction to Multimodal Urban Transportation Systems (MUTS)**  
with a consolidated score of **63** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.81/25 | Proctored Exam | 39.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **195**

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IIT Kharagpur

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

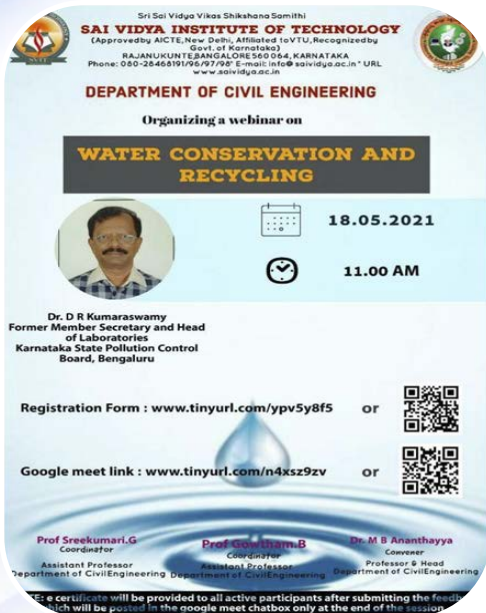
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To validate and check scores: <https://nptel.ac.in/noc>

# Department Activity

## 1. Webinar Conducted

### Webinar on Water conservation & Recycling



The poster is for a webinar titled "Water Conservation and Recycling" organized by the Department of Civil Engineering at SAI VIDYA INSTITUTE OF TECHNOLOGY. The event is scheduled for 18.05.2021 at 11.00 AM. The resource person is Dr. D R Kumaraswamy, Former Member Secretary and Head of Laboratories, Karnataka State Pollution Control Board, Bengaluru. The poster includes registration and Google Meet links, QR codes, and the names of the organizing faculty members: Prof. Sree Kumari G., Prof. Govindham B., and Dr. M B Ananthayya.

**SAI VIDYA INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE, New Delhi, Affiliated to VTU, Recognized by Govt. of Karnataka)  
RAJAJUKUNTI, BANGALORE 560 084, KARNATAKA  
Phone: 080-2846819/196/97/99; E-mail: info@saividya.ac.in \* URL: www.saividya.ac.in

**DEPARTMENT OF CIVIL ENGINEERING**

Organizing a webinar on

**WATER CONSERVATION AND RECYCLING**

**18.05.2021**  
**11.00 AM**

**Dr. D R Kumaraswamy**  
Former Member Secretary and Head of Laboratories  
Karnataka State Pollution Control Board, Bengaluru

Registration Form : [www.tinyurl.com/yyp5y8f5](http://www.tinyurl.com/yyp5y8f5) or [QR Code]

Google meet link : [www.tinyurl.com/n4xsz9zv](http://www.tinyurl.com/n4xsz9zv) or [QR Code]

**Prof. Sree Kumari G.** (Coordinator), **Prof. Govindham B.** (Convener), **Dr. M B Ananthayya** (Covener)  
Assistant Professor, Assistant Professor, Professor & Head  
Department of Civil Engineering, Department of Civil Engineering, Department of Civil Engineering

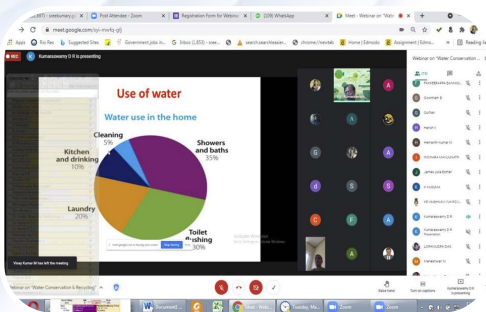
E-certificate will be provided to all active participants after submitting the feedback which will be posted in the google meet chatbox only at the end of the session.

- **Topic:** “Water conservation and recycling”
- **Date:** 18<sup>th</sup> of May
- **Time:** 11.00 AM to 12.30 PM
- **Webinar Platform:** Google meet

### Resource person:

**Dr. Kumaraswamy**  
Former member secretary  
and head of laboratories  
Karnataka state pollution  
control board

- Dr. Kumaraswamy is an Environmental Engineer. He served in various positions in the Pollution Control Board like Member Secretary, Chief Environmental Officer, Administrative Officer, Legal Officer, Public Relation Officer & Head of the Central Laboratory and worked almost all the district of the of Karnataka. Presently he is Senior Environmental Officer Enviro care cell Head office, and SEO Bangalore North office, Bangalore.



- Dr. Kumaraswamy emphasised on efficient use of water, pesticide consumption, vanadium pollution. Explained why the scarcity of water is becoming an alarming problem in India as well as at global level by providing various case studies. He also shared the case study of sterlite factory of TamilNadu, polluted water, soil & air around the plant which affected 5,000 people by the emissions. Presented the concept of three R's (reduce, reuse & recycle water) for the well-being of our planet & our future generations.

## Webinar on "Role of Cement in making Structures Durable"

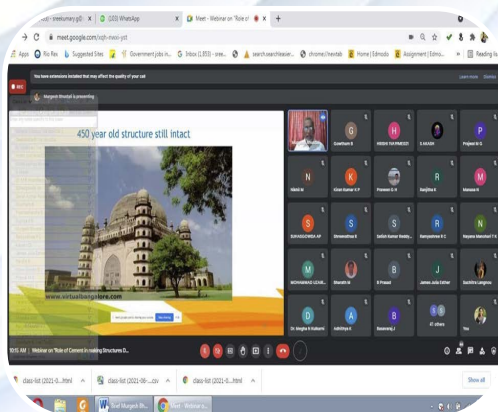
**Sai Vidya Institute of Technology**  
Organizing a webinar on  
**ROLE OF CEMENT IN MAKING STRUCTURES DURABLE**  
12 JUNE 2021  
10:00 am - 11:30  
ER. MURGESH BHUSTALI  
EX ASST. EXECUTIVE DIRECTOR DALMIA CEMENT  
REGISTER AT <https://qrqo.page.link/SZM5s> or  
GOOGLE MEET <https://qrqo.page.link/WUPr3> or LINK  
Prof. Sreeksunari G. Prof. Govatham B. Dr. M S Ananthappa  
Coordinator Assistant Professor Assistant Professor Professor & Head  
Department of Civil Engineering Department of Civil Engineering Department of Civil Engineering  
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.

- **Topic:** "Role of Cement in making Structures Durable"
- **Date :** 12th of June 2021
- **Time:** 10.00 AM to 11.30 PM
- **Webinar Platform:** Google meet

### Resource Person:

**Er. Murgesh Bhustali**  
Former Asst. Executive  
Director Dalmia Cements

- Er. Murgesh Bhustali is a Civil Engineer, Started career with Infrastructural Construction company as a site in-charge for concrete lining of main canal Narmada Project at Vadodara - Gujarat. He has total experience of 36 years in which 7 years in hard core construction and 29 years in technical services of Cement, Construction Chemicals and allied products. Recently superannuated from Dalmia Cement as Asst. Executive Director in Technical services for South and West Region.



- The resource person Murgesh Bhustali started the webinar with the discussion of the durability of old structures and new structures. He explained about role of concrete and aggressive environment for durability of structures. He also deliberated his experience of construction sites about why structures are not durable by giving various field observation. The session progressed with the details on process of making cement, types of cement, selection criteria of cements etc. He concluded the session by presenting the concept material science of each ingredient, skill of labor/supervisor, selection of material based on its durability.



## 2. Extensive Survey Camp

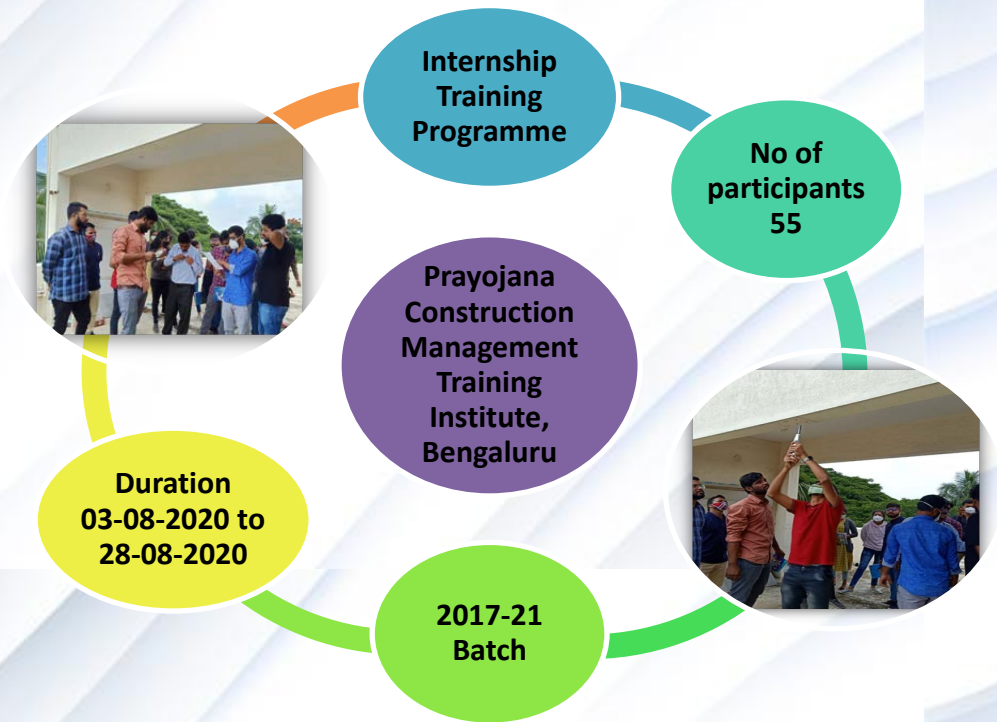


The survey camp of 5th semester students. The projects carried out by students are New Tank, Old Tank, Highway, Town Planning and Water Supply as a part of their academic curriculum.





### 3. Internships




### 4. Pre-Placement Training through CMTI (Construction Management and Training Institute)

**CMTI CONSTRUCTION MANAGEMENT TRAINING INSTITUTE**

**INFRASTRUCTURE LECTURE SERIES**  
Listen from Infrastructure Experts

16 WEEKS  
18 November 2020  
11:30 am  
Weekly 1 Hour


Key Note Speaker



**MR. B. RAMASWAMY**  
Director  
FM Advisory Services Pvt Ltd.

E-Certificate will be provided

In Association With



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4th Floor, 177/3, 7th & Main Road, Above Poojaka Centre Near WBBMV Women's College, Jaya Nagar, 3rd Block, Bengaluru 560013  
www.cmtionline.com

**CMTI CONSTRUCTION MANAGEMENT TRAINING INSTITUTE**

**INFRASTRUCTURE LECTURE SERIES**  
Listen from Infrastructure Experts

Session 2  
21 November 2020  
6pm

Session by Infrastructure Experts



E-Certificate will be provided

In Association With



Scan to Register


4th Floor, 177/3, 7th & Main Road, Above Poojaka Centre Near WBBMV Women's College, Jaya Nagar, 3rd Block, Bengaluru 560013  
www.cmtionline.com

**CMTI CONSTRUCTION MANAGEMENT TRAINING INSTITUTE**

**INFRASTRUCTURE LECTURE SERIES**  
Listen from Infrastructure Experts


Session 3/16  
29 November 2020  
6pm

Session by Infrastructure Experts



E-Certificate will be provided

In Association With



Scan to Register

4th Floor, 177/3, 7th & Main Road, Above Poojaka Centre Near WBBMV Women's College, Jaya Nagar, 3rd Block, Bengaluru 560013  
www.cmtionline.com

**CMTI CONSTRUCTION MANAGEMENT TRAINING INSTITUTE**

**INFRASTRUCTURE LECTURE SERIES**  
Listen from Infrastructure Experts

Session 4/16  
5 December 2020  
6pm

Pile Foundation in Infrastructure Projects



**Dr. Naveen BP, Ph.D. (IISc)**  
Head of Department of Civil Engineering  
Assiut University, Assiut, Egypt

E-Certificate will be provided

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Session 5/16  
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6pm

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**Nagesh Puttaswamy**  
Zonal Head (South)  
White Topping & BMD technology  
Ultra Tech cement limited, Bangalore

E-Certificate will be provided

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Session 7/16  
26 December 2020  
6pm

Urban Infrastructure



**Jyothi Gupta**  
Architect

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**Er Santhosh Jagannath**  
M Tech, IGBC AP, Green Building Consultant, Entrepreneur, Interior Expert  
10+ Year of Experience

Time: 07:00PM - 08:30PM

Kind Attention: Architects / Engineers / Graduates | E Certificate will be provided

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**Project Planning Using MSP**

**Project**

Time: 07:00PM - 08:30PM

**Topics**

- Introduction to Project Management & its Terminology.
- Basic Setting & Input Methods.
- Setting up Calendar, Project Name, Task, Type & Logic, Setting up Sample Project.
- Resource Sheet Allocation & Cost Derivation Along with Conflict Resolution, Different Views for Material Planning.
- Baseline Concept, Setting up Baseline, & Percentage Tracking.
- Percentage Tracking, Actual start and finish Date Tracking, Fix Cost Concept.
- Review Reports & Cash Flow Report.

**Kind Attention Budding Engineers / Architects**

**Er Parimal Marathe**  
30+ Year of Experience

E Certificate will be provided

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## 5. Industrial Visits

- Industrial visit to RMC Plant at Vidyanagar, Bangalore



- Industrial visit of structural steel detailing of beams, slab at SVIT campus.



## 6. Project Exhibition 2020-21

Project Exhibition for the academic year 2020-21 was held in Department of Civil Engineering, Sai Vidya Institute of Technology, Bengaluru on 2nd August 2021. The projects were evaluated by the internal jury member Dr. M B Ananthayya, HOD, Civil Engineering Department, SVIT and external jury member Mr. Vasudev M V, Consulting Engineer, Civil Engineering Systems, Bangalore. Total Eleven number of final year were participated in the project exhibition and best 5 batches were awarded with certificates.

| Sl No | Group No | Name of the student | USN        | Guide               | Title of the Project   | Position held |
|-------|----------|---------------------|------------|---------------------|--|---------------|
| 1     | G-1      | G Venkat Dinesh     | 1VA17CV019 | Prof. Gowtham B     | "Converting an Existing Campus to Green Campus under (IGBC)"   | First         |
|       |          | Basavaraj J         | 1VA17CV008 |                     |  |               |
|       |          | Darshan C T         | 1VA17CV016 |                     |  |               |
|       |          | Sharanabasappa G S  | 1VA17CV043 |                     |  |               |
| 2     | G-7      | Raksha M            | 1VA17CV039 | Prof. Sreekumary G  | " Monitoring and Migrating the Risk of Urban Flood Using Remote Sensing And GIS" in Bengaluru City, Karnataka, India | First         |
|       |          | Swathi G C          | 1VA17CV050 |                     |  |               |
|       |          | Hemanth Kumar M     | 1VA17CV023 |                     |  |               |
|       |          | Suhas V             | 1VA17CV045 |                     |  |               |
| 3     | G-3      | Yashwanth Kp        | 1VA17CV055 | Dr. M B Ananthayya  | "Interior Designing for a House"   | Second        |
|       |          | Lohith G N          | 1VA17CV027 |                     |  |               |
|       |          | Mg Prajwal          | 1VA17CV028 |                     |  |               |
|       |          | Nikhil M            | 1VA17CV034 |                     |  |               |
| 4     | G-6      | Manasa N            | 1VA17CV029 | Dr. Megha Kulkarni  | "Production of Biodegradable Packages from Agricultural and Food Waste"  | Second        |
|       |          | Sahana S            | 1VA17CV041 |                     |  |               |
|       |          | Praneeth S M        | 1VA17CV035 |                     |  |               |
|       |          | T Jayasurya         | 1VA17CV051 |                     |  |               |
| 5     | G-14     | Rafiq Rashid        | 1VA17CV037 | Prof. Sushmitha G S | "Development Of Rainfall Intensity Duration Frequency (IDF) Curves For Urban Bangalore"                              | Third         |
|       |          | Asma Jan            | 1VA18CV400 |                     |  |               |
|       |          | Shazia Rehman       | 1VA18CV406 |                     |  |               |
|       |          | Shahid Ahamed       | 1VA17CV056 |                     |  |               |

## 7. Graduation day Celebration 2017-2021 Batch

Graduation day was held on 14/08/2021 for the graduating batch of 2020-21. It was conducted in Visvesvaraya seminar hall. Head of department Dr. M. B. Ananthayya declared opening of graduation day. The programme was invoked by singing Nadageeta. Head of the department addressed the students and wished the outgoing students to become dedicated skilled engineers and to contribute their knowledge for overall development of society. Later on three of the outgoing students Manasa N, Tarang and Dhanush shared their experiences during their four years of stay in the college. Felicitation to best outgoing student Manasa N was done by Prof. Leeladhresha.



Through Virtual meeting Principal Dr. H S Ramesh Babu addressed the outgoing students and wished them to become fruitful source of knowledge to build strong and healthy nation and globe. The trustees Prof. Padmareddy and Prof. Y Jayasimha addressed the students and wished them to become good professionals. Later Honorable director, Professor M R Holla addressed the outgoing students. He gave examples of some of his most successful aluminates like Anil Kumble and wished our outgoing students to become successful in their profession adopting good principles, ethics and moral characteristics. He also advised the students not to forget the path through which they have grown to this level. The students were also advised not to forget their parents, Gurus and the Institute who have contributed for their development.



The oath taking ceremony was facilitated by head of the department. The whole function was completed by singing National Anthem and the convocation was declared closed by HOD. Soon after the function Principal distributed 'Course Completion Certificate' to all the students. Then the students proceed for the group Photo Session. After the photo session lunch was arranged to all students and staff. The whole function was conducted under strict observations of COVID-19 rules and regulations.



## 7. Toppers of the Department 2020-2021

### 3<sup>rd</sup> semester



• Aklesh Kumar Sah  
1VA19CV002  
76.89%



• Suresh Raj Sharma  
1VA19CV020  
73.00%



• Deekshitha R  
1VA19CV004  
70.33%



• Suhas Gowda A P  
1VA19CV019  
70.33%



• Chethan H S  
1VA19CV003  
69.78%



**5<sup>th</sup> semester**



• **Ishfaq Ahmed Mir**  
**1VA18CV011**  
**84.67%**



• **Rachit Chandrakanth**  
**1VA18CV029**  
**83.22%**



• **V Abhilash**  
**1VA18CV037**  
**81.89%**



• **Srinivasa S N**  
**1VA18CV036**  
**80.22%**



• **Anjali R**  
**1VA18CV005**  
**80.22%**

**8<sup>th</sup> semester**



• **Basavaraj J**  
**1VA16CV013**  
92.90%



• **Rafiq Rashid**  
**1VA17CV037**  
92.29%



• **Asma Jan**  
**1VA18CV400**  
92.29%



• **Mythrishree R**  
**1VA17CV031**  
92.14%



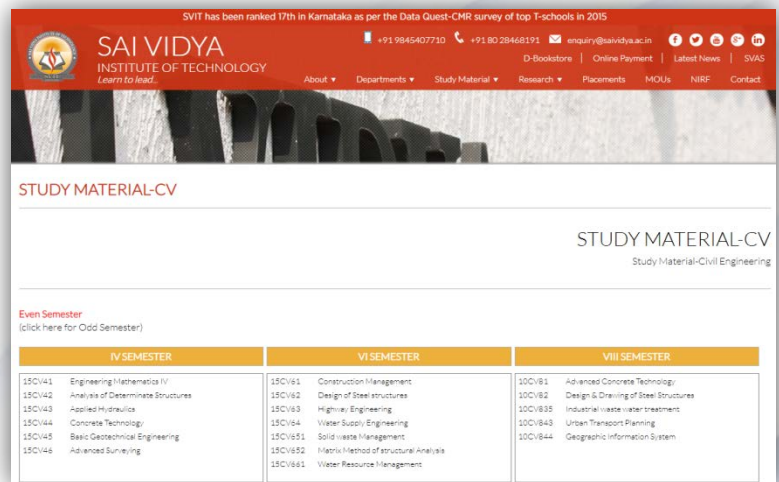
• **G Venkat Dinesh**  
**1VA17CV019**  
91.14%



# Student Support (Study Materials)

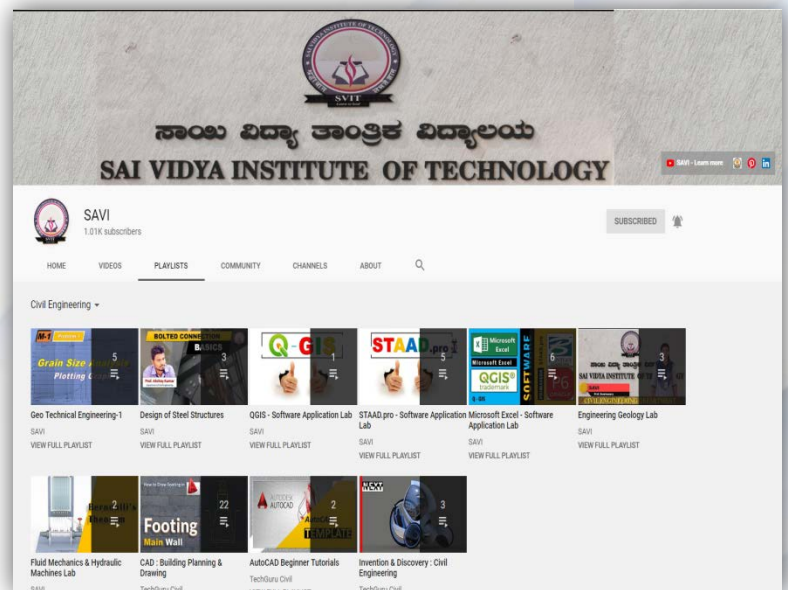
## 1. Blog

Blog for various courses are created for the benefit of the students. It contains the teaching materials which can be referred by the students at any time when required. It help the students to gain more knowledge and skills. Blog link for various Civil Engineering Courses is provided in the College Website.



## 2. SAVI YouTube Channel (Video Tutorials)

SAVI is the Sai Vidya YouTube channel is having video lectures of various courses of the programs. 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.



# Hearty Congratulations to Placed Students

## Placement Details of the 2019-20 Graduated batch



**Ms. Namratha M**  
Project Coordinator,  
Sarvaloka Services on Call  
Private Limited, Bengaluru



**Mr. Nitin Vishwanath  
Shet**  
Site Engineer,  
Aura Construction, Bengaluru



**Mr. Sinchith B A**  
Site Engineer,  
Fabmodula Interior Design,  
HSR layout, Bengaluru



**Mr. Manoj T A**  
Project Manager  
Consultant,  
Agamy Engineering  
Services LLP, Bengaluru



**Ms. Harshitha R**  
Business Development  
Associate,  
Academy for Construction  
Excellence, Bengaluru



**Mr. Nikith Raj M**  
Site Engineer,  
Design Point Project  
Management Consultants,  
ISO 9001-2015 certified  
company, Bengaluru



**Mr. Sharath R**  
Intern QC,  
Home vista décor &  
Furnishings pvt ltd, Bengaluru



**Ms. Sana I Shaikh**  
Intern strategy engineer,  
Marketing and Sales, Godrej  
Projects Development ltd,  
Mumbai



**Mr. Anil kumar S**  
Trainee GIS Analyst,  
Bellissimo Ventures Private  
Limited, Bengaluru



**Mr. Matam Paramesh**  
Graduate Engineer trainee,  
Balajee Infratech &  
Construction Pvt. Ltd,  
Bengaluru

## Placement Details of the 2020-21 Graduated batch & the placement process is in Progress



**Ms. Supriya S B**  
Management trainee,  
Square Yards, Bengaluru



**Mr. G Venkat Dinesh**  
Intern,  
DESIGNCAFE, Bengaluru-64



**Mr. Praneeth S M**  
Trainee Engineer,,  
DUCON Contractors PVT. LTD,  
Bengaluru



**Mr. Dhanush S**  
Intern,  
DESIGNCAFE, Bengaluru - 64

**“You Dream it we built it, We build your Dreams” – Civil Engineering  
Department**



**Congratulations to Best outgoing Student of the Civil  
engineering department**



**Ms. Manasa N (2020-21 batch)**

*Thoughts of Visionaries*

*“Education is the manifestation of the perfection  
already in man”.*

*- Swami Vivekananda*

*“Education is the most powerful weapon which you  
can use to change the world”.*

*- APJ Abdul Kalam*

*“Engineering or Technology is the making of  
things that did not previously exist where as science  
is the discovering of the things that have long  
existed”.*

*- David Billington*