

|| Jai Sri Gurudev ||  
Sri Adichunchanagiri Shikshana Trust (R)

# SJC INSTITUTE OF TECHNOLOGY

VTU Affiliated, AICTE Approved, Accredited by NBA and NAAC with A+ Grade, Gold Rated by QS I-Guage  
Chickballapur - 562 101, Karnataka



# News Letter

## 2022-23

## Department of Civil Engineering

*Our Primary Focus is on Empowering Civil Engineers with a Societal Perspective*



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# News Letter

## 2022-23



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# DIVINE BLESSINGS



His Holiness Jagadguru Padmabhushana  
**Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji**



His Holiness Jagadguru  
**Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji**

*From,  
Principal Desk*



**Dr. G T Raju**  
Principal, SJCIT, Chickballapur



*From,  
HoD Desk*



**Dr. G Narayana**  
Professor & Head,  
Dept. of Civil Engg.



# *From, Editorial*



*Dear Readers,*

*As we embark on another edition of our department's newsletter, it is with great enthusiasm that I assume the role of the editor. This newsletter serves as a conduit to share our collective achievements, insights, and the vibrant spirit that defines our department.*

*In this edition, we aim to encapsulate the remarkable feats of our students, faculty, and staff, highlighting their contributions to research, innovation, and community engagement. We strive to create a platform that not only informs but also inspires, fostering a sense of pride and unity within our department.*

*Share your stories, experiences, and insights that will make this newsletter a true reflection of the dynamism and excellence within our department.*

*Thank you for your continued support and collaboration.*

*Happy Reading...*

**Mr. Sathish Y A**  
Assistant Professor  
Dept. of Civil Engg.

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# About Department

The Department of Civil Engineering was established in the year 1986. The Vision of the Department is **Building Competent Civil Engineers with a Societal Perspective**. We offers UG Degree in Civil Engineering with an intake of 120 students and PG in Structural Engineering with an intake of 18. The Faculty is the main Strength of the Department. We have 16 faculty members and 6 supporting staff members. The average experience of the faculty in the department is 15 years. The department has eight physical laboratories viz.,

- Concrete and Highway Engineering
- Building materials testing Laboratory
- Geotechnical Engineering
- Environmental Engineering
- Surveying
- Geology
- Fluid Mechanics lab
- Computer aided design Laboratory.



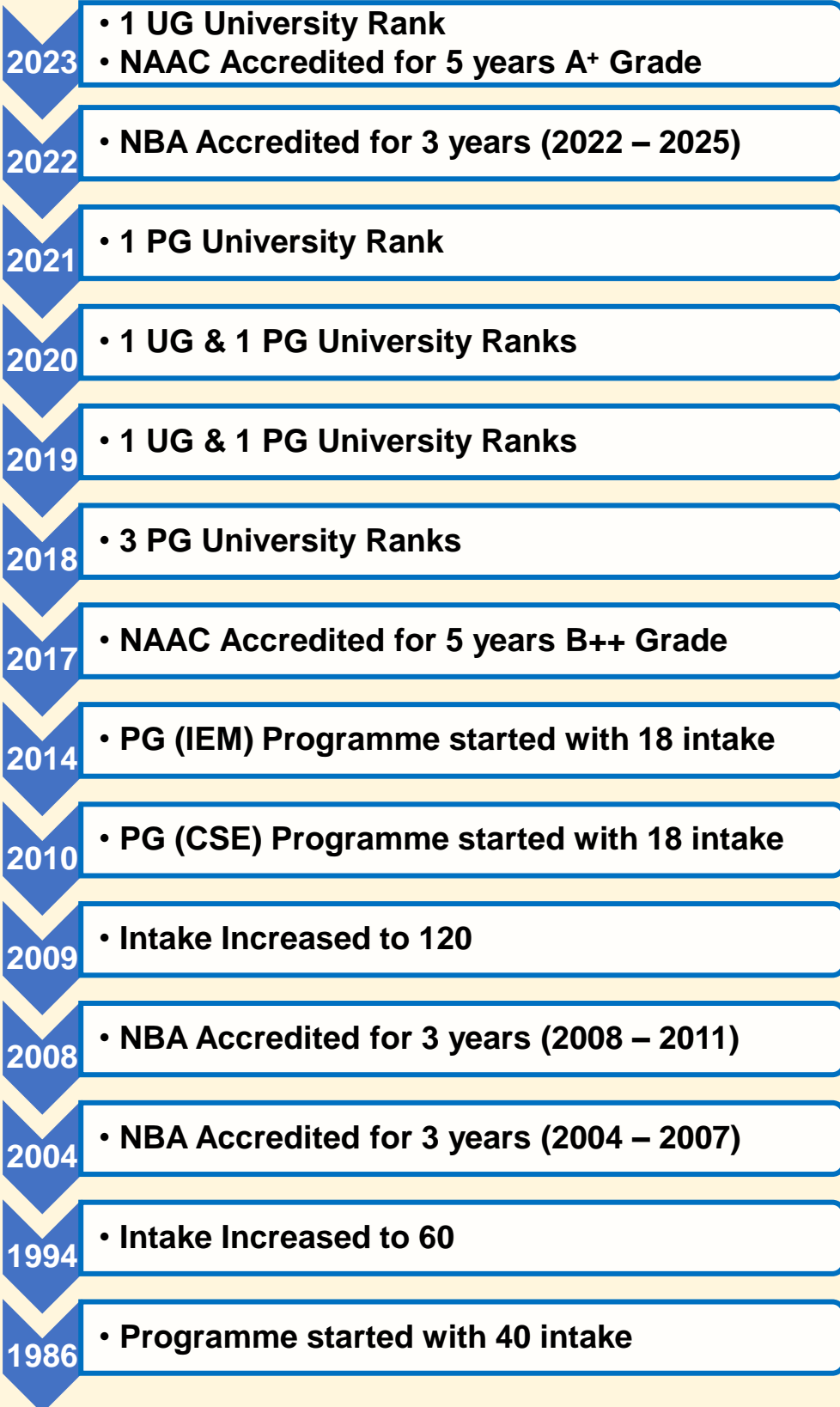
All laboratories are equipped with state-of-the-art equipment to suit the needs of **academia and industry**.

The main aim of the department is to equip the students with the knowledge and expertise them to grow professionally and contribute significantly to the society. While working towards achieving it, the department has established membership with professional bodies, such as

- Indian Concrete Institute (ICI),
- Association of Consulting Civil Engineering (ACCE (I)) Bangalore Center,
- Indian Green Building Council and Construction Industry Development Council



# Department Milestone



# Academic Activities

1. Completed Internship for B.E. final year students from 19<sup>th</sup> September to 23<sup>rd</sup> September, 2022
  - 23 students were taken “Design & analysis of software [Edu CADD]”
  - 40 students were taken “Graduate Engineering Training [Sir M V Institution of Engineering Skill]”

**Coordinator: Mr. Manjunatha K A and Mrs. Chandrakala S**

2. Completed Internship for B.E. final year students from 12<sup>th</sup> October to 29<sup>th</sup> October 2022.

**Coordinator: Mr. Shashi Kumar A**

**Resource Persons : Dr. G Narayana & Mr. Rakesh M R**

3. Conducted AICTE Activity Point Program meeting with all the Department Coordinators on 07 October 2022.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**

4. Given awareness of AICTE Activity Point Program for B.E. V & VII semester students on 13<sup>th</sup> & 14<sup>th</sup> October 2022.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**

5. Conducted AICTE Activity Point Program meeting with all the Department Coordinators to finalize the report (draft) and plan of action to conduct the activities for 5<sup>th</sup> & 7<sup>th</sup> semester on 2<sup>nd</sup> & 8<sup>th</sup> November 2022.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**

6. Conducted Final Year B.E. Project Phase 1 / Review 1 for 7<sup>th</sup> semester students on 9<sup>th</sup> & 10<sup>th</sup> November 2022.

**Coordinator: Mr. Shashi Kumar A**

# Academic Activities

7. Conducted AICTE Activity Point Program meeting with all Dept. Coordinators of AICTE Activity Point Program was conducted with Mrs. B N Shoba, BEO, Chickballapur in related to “Helping Local Schools to Achieve Good Results & Enhance their Enrollment in Higher/Technical Education” and to select the schools by all the departments on 15<sup>th</sup> October 2022.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**

8. Conducted Swachh Campus Activity for B.E. VII semester students under AICTE Activity Swachh Bharath on 16<sup>th</sup> November 2022.

**Chairman: Dr. G Narayana &  
Coordinator: Ms. Vathsala M N & Mr. Kamath G M**



**Photos: AICTE Activity Program Meeting**



**Photos: Swachh Campus Activity**



# Academic Activities

11. Conducted AICTE Activity Point Program meeting with all the Department Coordinators on 8<sup>th</sup> December 2022 & 10<sup>th</sup> January 2023.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**



**Photos: AICTE Activity Point Program meeting**

12. HOD and all the Staff members are attended & successfully completed the “Extensive Survey Project Camp” from 27<sup>th</sup> March to 2<sup>nd</sup> April 2023

**Camp Officer : Mr. Chetan G N**

**Co-camp Officer : Mr. Arun Kumar C J**



**Photos: Extensive Survey Project Camp**

# Academic Activities

13. Conducted Technical seminar conducted for Final year students on 26<sup>th</sup> & 27<sup>th</sup> April 2023.

**Coordinator: Mr. Ravindra M V**

14. Conducted AICTE Activity Point Program meeting with all the Department Coordinators on 26<sup>th</sup> & 7<sup>th</sup> May 2023.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**



**Photos: AICTE Activity Point Program meeting**

15. Conducted AICTE Activity Point Program meeting with all the Department Coordinators on 27<sup>th</sup> June 2023.

**Chairman: Dr. G Narayana & Coordinator: Mr. Kamath G M**

16. Conducted Parents Teacher Meeting for VI semester students on 27<sup>th</sup> June 2023.

**Chairman: Mrs. Sharada S A**

17. Conducted Parents Teacher Meeting for IV semester students on 4<sup>th</sup> August 2023.

**Chairman: Mrs. Sharada S A**

18. Remedial Classes conducted for B.E. IV Sem, on 31<sup>st</sup> July 2023

**Faculty Name: Mrs. Sharada S A & Mrs. Bhavya S**

# Academic Activities



Photos: Parents Teacher Meeting



Photos: Remedial Classes

19. Completed Internship program for B.E. final year students from 11<sup>th</sup> September to 23<sup>rd</sup> September 2023

Coordinator: Mr. Chetan G N



Photos: Final Year Internship Program

# Technical / Development Activities

## FDPs / Workshops / Training Programs / Webinars / STTPs Attended by Faculty

1. Mrs. Ankitha V, Ms. Vathsala M N and Mr. Manjunath N attended 5 Days online Short Term Training Program on “Self-Sustainable Building”, organized by Department of Civil Engineering, Presidency University, Bangalore in association with Karnataka Science and Technology Academy (KSTA), Bangalore from 12 to 16 September, 2022.
2. Mrs. Sharada S A attended webinar on “Forensic Engineering- Concepts and Cases” on 17 September 2022.
3. Mr. Shashi Kumar A attended webinar on topic “Material Characteristics and Structural Applications of Engineered Cementaceous Material”, organized by Ultra Tech Cements Ltd. on 10 Sep 2022.
4. Mr. Ravi Kiran B attended 5 days Hands on Training Program on “ATAL IDEA LAB BASIC FDP” from 27 Sep 2022 to 01 Oct 2022 in VTU Centre for PG Studies, Muddenahalli, Chickballapur.
5. Mr. Ravindra M V and Mrs. Sharada S A attended Engineer’s Day Conclave Lecture on “Engineering Perfection – Noida Twin Towers Demolition” on 24 Sep 2022 at The Chancery Pavilion Hotel, Bengaluru.
6. Mr. Kamath G M and Mr. Manjunath N attended the webinar on "New Age Additives For Concrete and Cement", on 21 October 2022.
7. Mr. Shashi Kumar A attended webinar on topic "Dealing with failures in concrete structures" organized by Ultra Tech Cement Limited. on 5<sup>th</sup> November 2022.



# Technical / Development Activities

8. Dr. G Narayana, Mrs. Chandrakala S and Mr. Chetan G N attended National Seminar & Exhibition "Sustainable Development – The future", on Nov 17 & Nov 18, 2022 at Nimhans convention Centre, Bangalore, Organized by ACCE (India), Bangalore Centre.
9. Mrs. Ankitha V attended "Bengaluru Tech Summit" on Nov 18, 2022 in Palace Ground, Bengaluru.
10. Mr. Ravindra M V and Mrs. Bhavya S participated in "National Education Day", organized by IIC in association with IQAC, SJCIT on Nov 10, 2022.
11. Mr. Shashi Kumar A participated one day Virtual National Science Conference on "Science for Sustainable Leaving", organized by the Department of Geography, TMB University, J & K on Nov 10, 2022.
12. Mr. Ravindra M V and Mrs. Bhavya S attended a Session on "My Story-Motivational Session by Successful Entrepreneur / Start-Up founder", organized by IIC in association with IEDC & IQAC, SJCIT on Nov 24, 2022.
13. Mr. Ravindra M V and Mrs. Sharada S A attended "AICTE Distinguished Chair Professor Lecture Series" organized by IQAC of Sri Krishna College of Technology, Coimbatore from 21 to 25 November 2022.
14. Mr. Ravindra M V and Mrs. Bhavya S attended Seminar on "Problem solving - Challenges in Spacecraft operation" on 29<sup>th</sup> November 2022, Organized by IIC SJCIT, Chickballapur.
15. Mr. Ravindra M V and Mrs. Bhavya S attended Workshop on "Entrepreneurship & Innovation" as a Career Opportunity by Nikshep Ramesh, Director M/s Bteq Ventures on 30<sup>th</sup> Nov 2022, Organized by IIC SJCIT, Chickballapur.
16. Mr. Manjunath N and Mrs. Bhavya S attended online workshop on "Python Programming Beginner Level-1" on 03<sup>rd</sup> & 10<sup>th</sup> Dec 2022, Organized by BGS VS IT Professional Trust.

# Technical / Development Activities

17. Mr. Sathish Y A attended a Webinar on “New Innovations in Road Construction” Organized by Department of Civil Engineering, Darshan University in association with Verma Industries, New Delhi on 10<sup>th</sup> Dec 2022.
18. Mr. Ravi Kiran B attended FDP on "Introduction to Python Programming" on 09 Dec 2022 in ISE Department, SJCIT, Chickballapur.
19. Mrs. Bhavya S attended online workshop on "Python Programming Beginner Level-1" on 03rd & 10th Dec 2022, Organized by BGS VS IT Professional Trust.
20. Ms. Vathsala M N and Mrs. Ankitha V participated in online 5 days Short Term Training Program on “GIS for Smart City”, organized by Department of Civil Engineering, Presidency University, Bengaluru in association with KSTA from 12<sup>th</sup> to 16<sup>th</sup> Dec 2022.
21. Mr. Ravindra M V, Mrs. Sharada S A, Mrs. Bhavya S and Mr. Manjunath N completed online 5 days FDP on “Advancement in Concrete Technology (AICT 2022)” organized by Dept. of Civil Engg., Ballari Institute of Technology & Management, on 19 – 23, December 2022.
22. Mr. Ravindra M V and Mrs. Sharada S A attended “RACHNA Training for Trainers program” on January 9 – 11, 2023 at CEPT Research and Development Foundation (CRDF), CEPT University, Ahmadabad, Gujarat.
23. Mrs. Bhavya S, Mrs. Ankitha V and Mrs. Adarsha M R attended 2 days online FDP on "New Generation Construction Materials and Technologies" organized by the Department of Civil Engineering, Sir. MVIT, Bengaluru on January 5 – 6, 2023.
24. Mr. Nagesh R (Non Teaching) successfully cleared the Assessment for the role of Mason General, conforming to National Skills Qualifications Framework Level-4.

# Technical / Development Activities

25. Mr. Ravi Kiran B and Mr. Kamath G M completed 5 Days FDP on "Professional Skill Development in 3D Printing & 3D Scanning Technologies", Organized by AICTE IDEA LAB, SJCIT, Chickballapur on 17 – 21, January 2023.
26. Mrs. Sharada S A, Mrs. Bhavya S and Mrs. Adarsha M R attended webinar on "Sustainable Cities with ESG Impact" organized by Dept. of Civil Engineering, Sir MVIT, Bengaluru on 23<sup>rd</sup> February 2023.
27. Mrs. Sharada S A and Mrs. Bhavya S attended webinar on "Bacterial Concrete - an innovative material" organized by QCRETE on 14.02.2023
28. Mr. Sathish Y A participated in the Professional Developmental Programme on "Advanced stabilization techniques in construction activities" conducted by NITTTR from 30 Jan 2023 to 03 Feb 2023 through Online mode.
29. Ms. Vathsala M N attended webinar on "How to persue your masters abroad with minimal investment and scholarship", organized by Presidency University, Bengaluru on 11 March 2023.
30. Ms. Vathsala M N participated in the "Lecture Series - Technical Seminar" on 15 March 2023 organized by SJCIT, Chickballapur.
31. Ms. Vathsala M N participated in the "Lecture Series – Write up on – Digital All: Innovation and Technology for gender equality" on 27<sup>th</sup> March 2023 organized by NDLI Club SJCIT, Chickballapur.
32. Mr. Kamath G M attended the training program on "Train the Trainers at Artesian Carpentry Training" from 05 April 2023 to 20 April 2023.
33. Mr. Sathish Y A successfully completed 15 days Certification Course on “Road Safety Audit & Other Road Safety Related Aspects” at Central Road Research Institute (CRRI), New Delhi from April 3<sup>rd</sup> to 18<sup>th</sup> 2022.

# Technical / Development Activities

34. Ms. Vathsala M N attended online workshop on "Prototype / Process Design & Development" on 11 April 2023 organizing by IIC, Ghousia College of Engineering, Ramanagara, Karnataka
35. Mr. Kamath G M completed the training program on "Train the Trainers at Artesian Carpentry Training" from 05 April 2023 to 20 April 2023.
36. Mrs. Sharada S A attended webinar on "High Strength Fiber Reinforced Concrete - Its Behavior and Application", organized by UltraTech on 15 April 2023.
37. Mr. Ravindra M V attended Institute Development Plan meeting held at Civil Dept. meeting room on 21 April 2023, Organized by IQAC, SJCIT, Chickballapur.
38. Ms. Vathsala M N attended 2 days webinar on "Synthesis of carbon quantum dots from kitchen waste" on 28 – 29, April 2023.
39. Dr. G Narayana, Mrs. Sharada S A and Mr. Arun Kumar C J attended "Feel the Teacher Training Programme", organized by SJCIT from 25 – 27, May2023.



**Photos:** Feel the Teacher Training Programme

# Technical / Development Activities

40. Mrs. Bhavya S attended One Week Online Teachers Training Programme On "Smart Materials and Systems" from 29 May to 02 June 2023, organised by VTU – HRDC, Muddenahalli, Chikkaballapur
41. Mrs. Sharada S A and Mrs. Bhavya S attended a webinar on "Seismic Retrofitting of Reinforced Concrete Buildings" on 17 June 2023, organized by UltraTech Cement Ltd. & Indian Concrete Institute - Ghaziabad Centre
42. Mrs. Chandrakala S completed one week AICTE VTU Joint Teachers Training Programme on "Smart Materials and Systems" 29th May to 2nd June 2023.
43. Mrs. Sharada S A and Mrs. Bhavya S attended a webinar on "White Topping and RMD Technology" on 01 July 2023, organized by Indian Concrete Institute, Bengaluru.
44. Mrs. Sharada S A attended a Webinar on topic "Advances in the use of Cement in Precast Industry" organized by Ultratech Cement on 09 July 2023.
45. Mrs. Sharada S A attended a Webinar on topic "Economical, Efficient Robust & Long-lasting Modern Road Technology-Thin white topping" organized by Ultratech Cement on 09 July 2023.
46. Mrs. Adarsha M R attended 2 days FDP on "Python programming and its applications" on 18 – 19 July 2023, organized by SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic, Chandwad.
47. Mrs. Adarsha M R attended a webinar on "A overview of tender and it's process" on 14 July 2023, organized by Aditya Institute of Technology, Coimbatore.

# Technical / Development Activities

48. Mr. Sathish Y A attended “National Education Policy 2020” Exhibition from 27 – 30, July 2023 at International Convention Center (Bharat Mandapam), New Delhi, organized by Ministry of Education, Govt. of India.
49. Mr. Ravindra M V, Mrs. Sharada S A and Mrs. Bhavya S attended FDP on “RIVET ARCHITECTURE” on 07th Aug 2023 to 11th Aug 2023, organized by SVCE, Bangalore.
50. Mr. Ravindra M V, Mrs. Sharada S A, Mrs. Bhavya S and Mrs. Adarsha M R attended a Webinar on “Ascend learn BIM in 30Minutes Master Class 2023” on 2nd Aug 2023. organized by ascend school of construction business.
51. Mr. Sathish Y A attended 46th Series KSCST Student Project Programme, State-level Seminar & Exhibition at Alvas Institute of Technology, Mudbidire on 11 - 12 Aug 2023.
52. Dr. G Narayana, Mrs. Chandrakala S, Ms. Vathsala M N, Mr. Sathish Y A, Mr. Ravi Kiran B, Mr. Arun Kumar C J and Mrs. Adarsha M R attended 5 days workshop on “Drone Survey, Photogrammetry and Digitization of Maps for Engineering Applications”, Organized by Department of Civil Engineering, Presidency University from 21 – 25 August 2023.
53. Mr. Ravindra M V attended IQAC review Meeting held on 31 Aug 2023 at Civil Engineering department Meeting room.
54. Mr. Ravindra M V, Mrs. Bhavya S, Mr. Ravi Kiran B, Mr. Sathish Y A and Mr. Kamath G M participated in "Student Induction Program-2023" on 11 September 2023 in BGS Auditorium, SJCIT.  
**Resource Person - A H Sagar**
55. Mr. Ravindra M V and Mrs. Sharada S A attended Workshop on "Advances in Landslide Risk Assessment & Mitigation " scheduled from 11<sup>th</sup> - 15<sup>th</sup> September 2023.

# Technical / Development Activities

## Site Visit

1. B.E. VII semester students visited site during the Internship on 16 Sep 2022

Place : Satya Sai Prashanthinikethan, Nallakadirenahalli, CBPur.

**Staff attended: Dr. G Narayana, Mr. Manjunath K A, Mrs. Chandrakala S, Mr. Kamath G M and Mr. Nagesh**

2. B.E. VII semester students visited site during the Internship on 21 Sep 2022

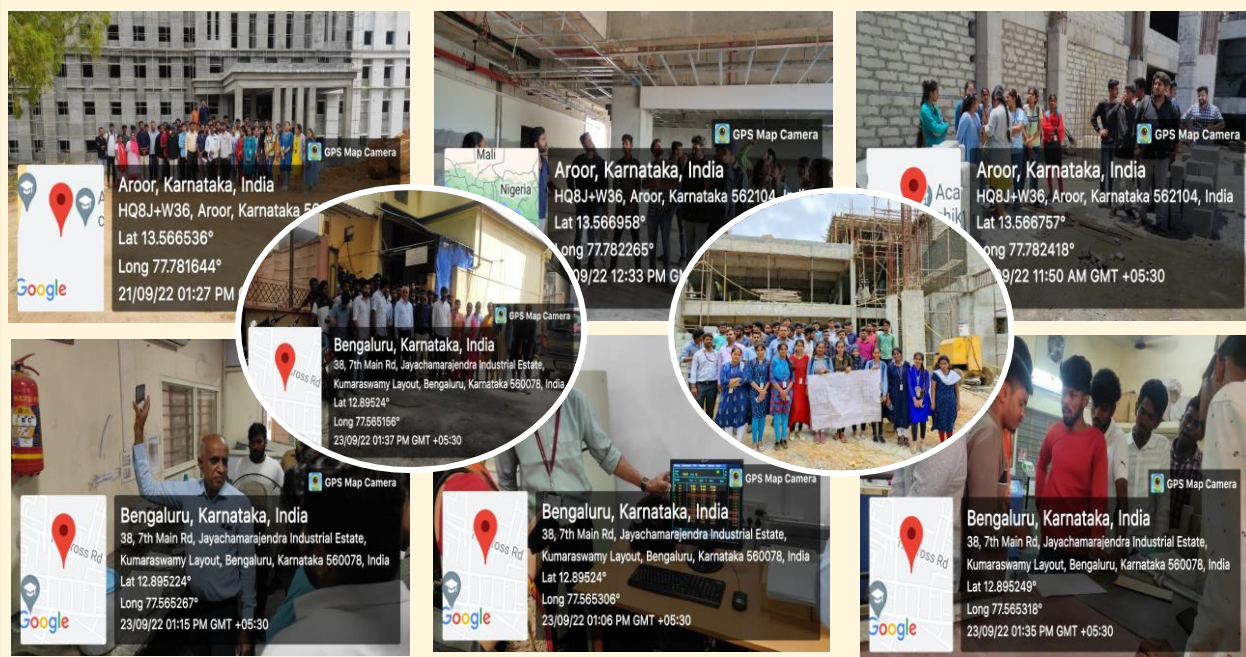
Place : Govt. Medical College, Chickballapur

**Staff attended: Mr. Manjunath K A, Mrs. Chandrakala S, Mrs. Geetha Devi K L**

3. B.E. VII semester students visited site during the Internship on 23 Sep 2022

Place : NABL Accredited Lab, Bengaluru

**Staff attended: Mr. Manjunath K A, Ms. Vathsala M N, Mrs. Geetha Devi K L**



**Photos:** Final year students Site Visit during Internship

# Technical / Development Activities

## Site Visit

4. B.E. V semester students visited BWSSB Water Treatment Plant on 30 December 2022.

**Staff Incharge: Mr. Ravindra M V**



**Photos:** B.E. V semester students Site Visit @ BWSSB



# Technical / Development Activities

## Site Visit

5. 4th semester students Visited 40MLD “Sewage treatment plant” at Doddabele,Bengaluru on 18th august 2023.

Coordinator: Ms. Vathsala M N

Staff attended : Mr. Kamath G M, Mr. Venugopala M N and  
Mr. Ranganath S N

No. of Students Visited :40



Photos: B.E. IV semester students Site Visit @ 40MLD STP

# Technical / Development Activities

## Admission Campaign

1. Mr. Ravindra M V, Mr. Kamath G M and Mr. Manjunath K A visited Govt. Polytechnic, Bagepalli for Lateral Entry Admission Campaign on 08 Sep 2022.
2. Mr. Shashi Kumar A, Mr. Raghu K and Mr. Manjunath N visited K V Polytechnic, Chickballapur for Lateral Entry Admission Campaign on 08 Sep 2022.
3. Mr. Sathish Y A and Mr. Rakesh M R visited Govt. Polytechnic, Chintamani for Lateral Entry Admission Campaign on 15 Sep 2022.



Photos: Admission Campaign

# Technical / Development Activities

## Admission Campaign

4. Mr. Arun Kumar C J, Mr. Ravi Kiran B, Mr. Kamath G M and Mr. Sathish Y A Visited Polytechnic Colleges at Kolar, Bangarpet, KGF and Mulbagal and collected the student details for lateral entry admission on 08 Aug 2023.



Photos: Admission Campaign

# Technical / Development Activities

## Activities conducted in the Department

1. Celebrated Engineers' Day at SJCIT & Muddenahalli on 15 Sept 2022, in Association with ACCE (India), Bangalore Centre and the program sponsored by the RAMCO cements limited. CSR activities and Stage program was conducted.

Guests: Shri. Nagaraja M N, DC, Chickballapur

Er. Umesh B Rao, Founder member – ACCE(I)



Photos: Engineer's Day Celebration

2. An Orientation Program conducted for B.E. VII Sem Students on "Sustainability in construction using GGBS & Green Materials" on 27 Sep 2022.

Speaker - Dr. L R Manjunath, Vice President – Direct Sales & Sustainability, JSW Cement Ltd., India,

Guest - Mr. Vishwanath K Dalawai, Senior Manager, Concrete Technologist, JSW Cement Ltd., India.

Number of Student present - 68

**Coordinators:** Mr. Manjunath K A and Mr. Sathish Y A

# Technical / Development Activities

## Activities conducted in the Department

**SJC INSTITUTE OF TECHNOLOGY**  
Chickballapur - 562 101  
VTU Affiliated, AICTE Approved, NAAC & NBA Accredited, QS 5-Gauge Gold Rated

**Department of Civil Engineering**

**Orientation Program**  
(For VII Sem B.E Students)

Topic : Sustainability in Construction using GGBS & Green Materials

Tuesday | September 27, 2022 | 11.00 a.m

**Resource Person**  
**Dr. L R Manjunatha**  
Vice President,  
- Direct Sales and Sustainability Initiatives,  
JSW Cement Limited.

**Program Chair**  
Dr. G T Raju  
Principal

**Organizing Chair**  
Mr. Suresha J  
Registrar

**Convener**  
Dr. G Narayana  
Head of the Department

**Coordinator - JSW**  
Mr. Vishwanath K Dalawal  
Senior Manager  
Concrete Technology  
JSW Cement Limited

**Coordinators**  
Mr. Manjunath K A  
Asst. Professor  
Mr. Sathish Y A  
Asst. Professor



Photos: Orientation Program

3. Successfully completed "Green Audit" by "Conserve Consultant Pvt. Ltd", from 27 to 30 Sep 2022.

**Auditors: Mr. Deekshith & Mr. Haneyes.**

**Coordinators: Mr. Rakesh M R & Mr. Ranganath S N**

**SJC Institute of Technology**  
Chickballapur - 562 101, Karnataka

**Green Audit - 2022**

[[ Jai Sri Gurudev ]]  
Sri Adichunchanagiri Shikshana Trust (R)



Photos: Green Audit

# Technical / Development Activities

## Activities conducted in the Department

- An awareness program on AICTE Activity Point Program “Helping Local Schools to Achieve Good Results & Enhance their Enrollment in Higher/Technical Education”, for 5th & 7th semester students on 18 October 2022. Total Participants: 95

**Speakers:** Mrs. B N Shoba, BEO, Chickballapur, Mr. Manjunath N, Advocate, Mr. Arun, Taluk Physical Officer, Chickballapur and Mrs Soujanya Gandhi, Advocate.

**Chairman:** Dr. G Narayana & **Coordinator:** Mr. Kamath G M

- Mrs. Sharada S A presented a presentation on “Innovative Teaching Methods” to be adopted in the Department on Nov 03, 2022.



**Photos:** Presentation on Innovative Teaching Methods

- Mrs. Sharada S A organized an awareness program on “Sexual harassment @ workplace” for Women Staff and students on 02 December 2022 at EC seminar hall, SJCIT, Chickballapur
- Successfully conducted and completed Project Open House and National Conference on Innovation in Engineering, Science and Technology - NCIEST (MANTHANA-2023) on 24.05.2023  
No. of Publications : 19 & No. of Project Exhibition : 17

**Convener:** Dr. G Narayana & **Coordinator:** Mrs. Sharada S A

- Ms. Vathsala M N & Mr. Kamath G M organized Technical Talk on "Environmental Pollution & Control" on the occasion of World Environmental Day on 05 June 2023.

# Technical / Development Activities

## Activities conducted in the Department

9. Mr. Ravindra M V organized online motivational talk on "Innovation in Personal Financial Management" on 21 June 2023

**Resource Person : Dr. Sharan Kumar Shetty**

11. Mrs. Chandrakala S & Mr. Ravi Kiran B conducted workshop on "Organizing Files and Debugging" for 2nd Sem Civil Engineering Students on 31 August 2023.

12. Mr. Ravindra M V conducted NDT equipment onsite training program for final year students on 02 May 2023.



**Photos:** NDT equipment onsite training program

# Technical / Development Activities

## Expert Talks Delivered by Faculty

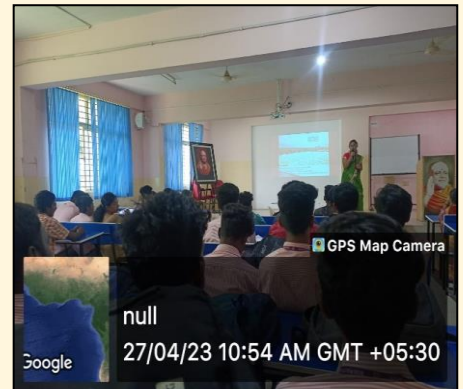
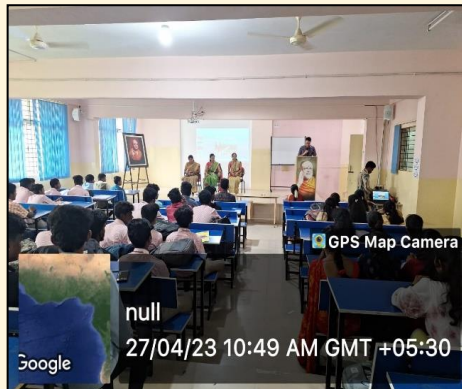
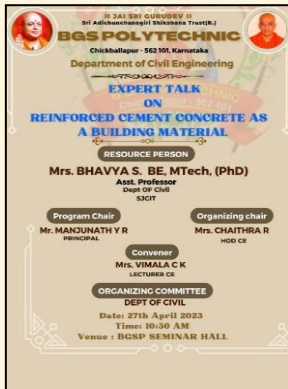
1. Mr. Ravindra M V has delivered a talk on “MS – Office Skillset Training (MS – Excel) as Resource Person in 3 weeks “Intra-Institutional Internship – 2022” for B.E. III semester CSE students on 13 October 2022.
2. Mr. Ravindra M V has delivered a talk on “MS – Office Skillset Training (MS – PowerPoint)” as Resource Person in 3 weeks “Intra-Institutional Internship – 2022” for B.E. III semester CSE students on 14 October 2022.
3. Dr. G Narayana has delivered a talk on “Civil Engineering an Overview” for B.E. III Sem students on 28 October 2022.
4. Dr. G Narayana has delivered a talk on “Importance of Drawing & Attributes of Civil Engineering” for B.E. III Sem students on 29 October 2022.
5. Dr. G Narayana has delivered a technical talk on “Opportunities for Civil Engineers” as a resource person for Civil Engineering Students held on 14.03.2023 at Civil Seminar Hall, Organized by the Dept. of Civil Engg., BGSIT, ACU, BG Nagara, Mandya District.
6. Dr. G Narayana presented “Department Action Plan 2022-23” in principal chamber on 05 April 2023.
7. Dr. G Narayana has presented “Department Action Plan 2022-23” Infront of Sri. Sri. Sri. Mahaswamiji at BGSCET Bangalore on 23 May 2023.
8. Mr. Sathish Y A has delivered an expert talk titled "Surveying for Civil Engineers - An Overview" for the Civil Engineering students at BGS Polytechnic on 11<sup>th</sup> September 2023



# Technical / Development Activities

## Expert Talks Delivered by Faculty

9. Mrs. Bhavya S has delivered a talk on "Reinforcement Cement Concrete as a Building Material" as a resource person at BGS Polytechnic Chickballapur on 27 April 2023.



Photos: Expert talk at BGS Polytechnic, Chickballapur

10. On the occasion of 'World Earth Day', Mr. Ravindra M V has delivered a talk on "Conservation of Natural Resources" as a resource person on 03 May 2023 for VI semester CSE students.



Photos: Expert talk on occasion of World Earth Day

# Technical / Development Activities

## Expert Talks Delivered by Faculty

11. Mr. Ravindra M V has delivered technical talk on the occasion of World Environment Day on 14 June 2023.



**Photos:** Technical talk on World Environment Day

12. Mr. Kamath G M has delivered an Expert talk on "Solid Waste Management in India", for Diploma Civil Students on 06 September 2023 at BGS Polytechnic, Chickballapur.



**Photos:** Expert talk on "Solid Waste Management in India"

13. Mrs. Bhavya S has delivered an Expert talk on "IPR & It's Protection" for BGSIMS UG & PG Students on 30 August 2023 at BGSIMS, Chickballapur.

# Technical / Development Activities

## Expert Talks Delivered by Faculty



Photos: Expert talk on "IPR & It's Protection"

14. Mr. Sathish Y A has conducted 15<sup>th</sup> Department Council Meeting on 09 September 2023.



Photos: 15<sup>th</sup> Department Council Meeting

# Technical / Development Activities

## Faculty Co-Curricular Activities

1. Dr. G Narayana has attended the Board of Examination [BOE] meeting of the Department of Civil Engineering at Nitte Meenakshi Institution of Technology, Bengaluru on 27 Sep 2022.
2. Department all Staff participated in the Koti Kanta Gayana, organized by Chiravinuthana Kannada Sangha on 28 October 2022.
3. Mr. Shashi Kumar A has conducted “4<sup>th</sup> Department Council Meeting” on 08 October 2022.



Photos: 4<sup>th</sup> Department Council Meeting

4. Mr. Shashi Kumar A has conducted “5<sup>th</sup> Department Council Meeting” on 11 November 2022.



Photos: 5<sup>th</sup> Department Council Meeting

5. Mr. Sathish Y A & Mr. Kamath G M has appointed as a QP Setter for REVA University in the month of Nov 2022.  
Name of the Subjects: Rural Water Supply & on Site Sanitation Systems & Highway Geometric Design

# Technical / Development Activities

## Faculty Co-Curricular Activities

6. Organized Series of Lectures in “Academia – Industry Outreach Program” and also Inaugurated “ACCE – Student Chapter” in association with ACCE(I) – Bengaluru Chapter on 14 Dec 2022.

Convener: Dr. G Narayana & Coordinator: Mr. Ravindra M V



Photos: Academia – Industry Outreach Program

7. Dr. G Narayana has attended “Local Assessment Committee - Meeting” at BGSIT, ACU, BG Nagara, Mandya on 14 March 2023
8. Dr. G Narayana has attended BOE Meeting at NITTE, Bangalore has a External Member on 22 May 2023.
9. Mr. Ravindra M V has appointed as a Session Chair for National Conference on “Innovations in Engineering, Science & Technology” (NCIEST-2023) Manthana-2023 on 24 May 2023.
10. Dr. G Narayana has attended M.Tech Viva Voce Examination at Reva University, Bangalore on 13 June 2023.
11. Dr. G Narayana conducted Academic Performance Evaluation (APE) Audit, for Faculty members, on 21 July 2023 at President Chamber.

# Technical / Development Activities

## Faculty Co-Curricular Activities

12. Department all staff successfully completed Academic Performance Evaluation (APE) Audit, for Faculty members, on 21 July 2023 at President Chamber.
13. Dr. G Narayana has attended Ph.D Bi-Annual review presentation as an external examiner at REVA University, Bengaluru on 09 Dec 2022.
14. Department All Faculty have attended “Employee Engagement Activity” on 16 March 2023.

# Technical / Development Activities

## Alumni Talks

1. Mrs. Chandrakala S has organized Alumni Expert Talk Series on “Career Opportunities of a Civil Engineer”, for B.E. VII semester students on Nov 14, 2022.

Resource person: Dr. Karthik S, PhD-IIT Hyderabad.

2. Mrs. Chandrakala S has Organized Alumni talk on the Topic “Tips for Advancing your career in Civil Engineering” on 11.03.2023.

Resource person : Mr. Bharath A (Batch 2012-2016)

Asst. Professor, Dept. of CE, GITAM University

3. Mrs. Chandrakala S has organized Alumni Talk on “Urban heat Island – Causes Impacts, Mitigation Measures” - for IV semester students on 31<sup>st</sup> July 2023.

Resource Person : Mr. Suhas K B

**SJC INSTITUTE OF TECHNOLOGY**  
Sri Adichunchanagiri Shikshana Trust (R)  
Chickballapur - 562 101, Karnataka

**Department of Civil Engineering**  
Alumni Expert Talk Series  
ON  
*Career Opportunities of a Civil Engineer*

**Resource Person**  
**Dr. Karthik S**  
(Batch: 2009-2013)  
Ph.D - IIT Hyderabad

November 14, 2022 | 11.00 a.m. | Civil Seminar Hall

<b>Program Chair</b> Dr. G T Raju Principal	<b>Organizing Chair</b> Mr. Suresha J Registrar
<b>Convener</b> Dr. G Narayana Professor & H.O.D.	<b>Coordinator</b> Mrs. Chandrakala S Asst. Professor



**SJC Institute of Technology**  
Sri Adichunchanagiri Shikshana Trust (R)  
Chickballapur - 562 101, Karnataka

**Department of Civil Engineering**  
SJCET  
SAMILANA  
Organizing  
**KNOWLEDGE AND CAREER ENHANCEMENT TALK**

Date : March 11, 2023 | Timings : 10.00 a.m.

**Resource Person**  
**Prof. Bharath A**  
Alumni (Batch: 2012-2016)  
Asst. Professor  
Dept. of Civil Engineering,  
GITAM University, Bangalore

**Talk On**  
Making Your Mark:  
Tips for Advancing Your Career in  
Civil Engineering

<b>ALUMNI COORDINATOR</b> Mrs. Chandrakala S Asst. Prof., Dept. of CE	<b>CONVENER</b> Dr. G Narayana HOD, Dept. of CE	<b>ORGANIZERS CHAIR</b> Mr. Suresha J Registrar	<b>PROGRAM CHAIR</b> Dr. G T Raju Principal
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Photos: Alumni Talks

# Technical / Development Activities

## Online Courses completed by Faculty

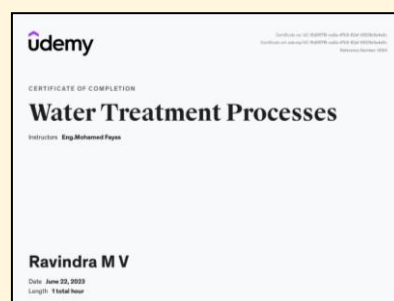
1. Mrs. Adarsha M R completed online course on "Concrete bridges and Design - Fundamentals" on Udemy on 4 October 2022.
2. Mr. Shashi Kumar N V completed 8 weeks NPTEL certification course and FDP on "Developing Soft skills and Personality" during July to September 2022.
3. Mrs. Adarsha M R completed "Design Thinking" course by Springboard, Infosys on Nov 8, 2022.
4. Ms. Vathsala M N completed NPTEL course on "Basic Environment and Engineering and Pollution Abatement" during Jul-Oct 2022.
5. Mrs. Sharada S A and Mrs. Bhavya S completed Online Course on "Design Thinking" from Infosys springboard on 10<sup>th</sup> Dec 2022.
6. Mrs. Chandrakala S completed Online Course on "Basics of Python" from Infosys springboard on 10<sup>th</sup> Dec 2022.
7. Mr. Manjunath N and Mrs. Ankitha V completed online course on "What is IoT?" by Great Learning on 10 Dec 2022.
8. Mrs. Adarsha M R Completed online course on "Python Fundamentals for beginners" by Great Learning Academy on 29<sup>th</sup> November 2022.
9. Mrs. Ankitha V completed online course on "Excel for Beginners" by Great Learning on 15.12.2022
10. Mrs. Adarsha M R completed an online course on the topic "The complete Python Bootcamp" through UDEMY of Duration 22 hours during May 2023.



# Technical / Development Activities

## Online Courses completed by Faculty

11. Mr. Ravindra M V Completed Udemy Online Certification course on “Water treatment processes” on 22 June 2023.
12. Mrs. Chandrakala S completed online course on “Python fundamentals for Beginners” on 09<sup>th</sup> Aug 2023 organized by Great learning Academy.



Photos: Online courses certificates

## Placements Activities

1. Mr. Kamath G M has coordinated HR Training Classes for VI semester students from 17 – 21 April 2023.
2. VI semester students attended 1 week Aptitude & Soft Skills Training Program organized by Dept. of HR, SJCIT, Chickballapur from 29 Jun to 04 July 2023.

**Coordinator: Mr. Kamath G M**

3. VI Sem Students are Registered for Accenture Placement and attended Accenture load test at CSE Seminar Hall on 02 Aug 2023.

**Coordinator : Mr. Kamath G M**

4. Conducted Accenture mock test for VI Sem students on 02 Aug 2023.

**Coordinator : Mr. Kamath G M**

5. VI semester students are attended Accenture Drive on 28 Aug 2023, from 4.00pm to 6.00pm.

**Staff In charge : Mr. Kamath G M, Mr. Arun Kumar CJ  
Mr. Sathish Y A and Mr. Ravi Kiran B**

6. Conducted Domain Specific Technical Training for VII Semester Students from 4 - 9.September 2023.

**Coordinator : Mr. Kamath G M**

7. Conducted Domain Specific Technical Training for VII Semester Students from 4 - 9.September 2023.

**Coordinator : Mr. Kamath G M**

8. B.E. IV Semester students have successfully completed "soft Skills Aptitude Training Programme" from 17.07.2023 to 21.07.2023.

**Coordinator : Mr. Kamath G M**

# Technical / Development Activities

## Placements Activities

9. 36 students are placed in various companies during the academic year 2022-23

SL. NO.	USN	STUDENT NAME	COMPANY NAME	BRANCH	SALARY IN LPA
1	1SJ19CV039	Rakshith Rakshith R	TCS	CIVIL	3.36
2	1SJ18CV003	ABHISHEK SAMUEL SUNIL	RINEX TECHNOLOGIES	CIVIL	4
3	1SJ20CV408	MOHAMED ZEESHAN PASHA	RINEX TECHNOLOGIES	CIVIL	4
4	1SJ19CV012	Divyashree P	Eavetop Softtech	CIVIL	3.2
5	1SJ20CV408	Mohamed Zeeshan Pasha	Eavetop Softtech	CIVIL	3.2
6	1SJ19CV003	Anusha M	Eavetop Softtech	CIVIL	3.2
7	1SJ19CV050	Suchithra R	Eavetop Softtech	CIVIL	3.2
8	1SJ19CV014	Gagan Kumar SC	Eavetop Softtech	CIVIL	3.2
9	1SJ20CV412	Sarika K	Eavetop Softtech	CIVIL	3.2
10	1SJ19CV005	Bhavana S	Eavetop Softtech	CIVIL	3.2
11	1SJ18CV003	Abhishek Samuel Sunil	Eavetop Softtech	CIVIL	3.2
12	1SJ19CV055	Vanaja Kumari R	Eavetop Softtech	CIVIL	3.2
13	1SJ19CV009	Charan Gowda CS	Eavetop Softtech	CIVIL	3.2
14	1SJ19CV062	Berappa P Kolle	Eavetop Softtech	CIVIL	3.2
15	1SJ19CV036	Prajwal Gowda VM	Eavetop Softtech	CIVIL	3.2
16	1SJ19CV031	Naphisa Labianglin Khongjee	Eavetop Softtech	CIVIL	3.2
17	1SJ20CV410	Noor Zaiba	Eavetop Softtech	CIVIL	3.2
18	1SJ19CV032	Naveen Kumar G	Eavetop Softtech	CIVIL	3.2
19	1SJ19CV041	Raveendra Kumar KV	Eavetop Softtech	CIVIL	3.2
20	1SJ19CV013	Divyashree YS	Eavetop Softtech	CIVIL	3.2
21	1SJ19CV002	Ankush G	Teachnook	CIVIL	6
22	1SJ19CV014	Gagan kumar sc	Teachnook	CIVIL	6
23	1SJ19CV045	Shabhaz	Teachnook	CIVIL	6
24	1SJ19CV020	Kammari pujitha	Teachnook	CIVIL	6
25	1SJ19CV012	Divyashree P	STAC Consultants	CIVIL	3
26	1SJ19CV014	Gagan Kumar SC	STAC Consultants	CIVIL	3
27	1SJ19CV027	Meghana Y V	STAC Consultants	CIVIL	3
28	1SJ19CV019	Jhansi P Gowda	STAC Consultants	CIVIL	3
29	1SJ19CV002	Ankush G	X-Workz	CIVIL	4
30	1SJ19CV008	Chandish Gowda H C	X-Workz	CIVIL	4
31	1SJ19CV025	Kripal C	X-Workz	CIVIL	4
32	1SJ19CV011	Bharath kumar K K	Valfin Advisory India pvt l	CIVIL	2.4
33	1SJ19CV047	Smitha	Valfin Advisory India pvt l	CIVIL	2.4
34	1SJ19CV016	Hemanth	Adroit Technical Pvt. Ltd.	CIVIL	2.4
35	1SJ19CV042	Rohith I	Adroit Technical Pvt. Ltd.	CIVIL	2.4
36	1SJ19CV009	Charan Gowda CS	Adroit Technical Pvt. Ltd.	CIVIL	2.4

# R & D Activities

1. Mr. Kamath G M has taken Ph.D Open Seminar 2 on 02 Sep 2022.  
Title of the Project: Experimental Study of Moringa Olifera for Treating Domestic Effluent & Quality of Water for Agriculture  
Domain Experts: 1) Dr. C Raja Gopal Reddy  
2) Dr. K Sreenivasa Raju
2. Mrs. Jyothi M R has taken Ph.D Open Seminar 2 on 16 Sep 2022.  
Title of the Project: Effective Environmental Studies on Decentralized Segregation of Solid Waste Management in Metropolitan Areas of Bangalore Using Remote Sensing and GIS  
Domain Experts: 1) Dr. Munawar Pasha  
2) Dr. T M Mohan Kumar
3. Dr. G Narayana presented research paper titled “Experimental investigation & amp; mechanical properties of alkali activated coarse aggregate in concrete”, has been accepted for publication in SSRG - International Journal of Civil Engineering [SSRG-IJCE], ISSN no. 2348-8352, Paper ID CE22OCT001, pear reviewed journal
4. Mr. Raghu K and Mrs. Chandrakala S has presented a Paper Titled "An Analytical Study of The Seismic Behaviour of Different Types of Infilled RC Frames with Openings" in the 4th international conference on "Recent Advances in Engineering Sciences" [ICRAES-2022] organized by Department of Civil Engineering at M S Ramaiah Institute of Technology Bengaluru - 560054 on 13<sup>th</sup> & 14<sup>th</sup> October 2022.
5. Mr. Shashi Kumar N V has presented research paper titled “Different aspect ration effects on response reduction factor of RC framed structures with and without masonry infill”, in the 4th international conference on "Recent Advances in Engineering Sciences" [ICRAES-2022] organized by Department of Civil Engineering at M S Ramaiah Institute of Technology Bengaluru - 560054 on 13<sup>th</sup> & 14<sup>th</sup> October 2022.

# Research Activities

6. Mr. Raghu K has completed the PhD colloquium on the topic titled “**Performance based seismic design of steel braced frames with self-centering friction damping braces**”, on Nov 11, 2022.

Members participated in the seminar:

Dr. G.Narayana, Prof. & Head, Civil Department SJCIT

Dr. Satishkumar, Prof., Structural Engg. Department, IIT, Madras

Dr. M N Hegde, Dr. AIT, Bangalore

Prof. Shashikumar A, Civil Department SJCIT

7. Dr. G Narayana has published a paper titled on “**Manufacturing Process of Alkali Activated Coarse Aggregate Using Palletization Technique**”, in journal of Neuro quantology (Q3), Oct 2022, Vol 20, Issue 13, Page 1369-1371
8. Dr. G Narayana has published a paper titled on “**Properties of natural & alkali activated coarse aggregate**”, in journal AES, Nov 2022, Vol-54, Issue 02, ISSN: 2096-3246 pp: 5519-5525.
9. Mr. Kamath G M has submitted research paper on topic “**The use of moringa olifera seeds as an coagulant for treating domestic effluent & quality of water for agriculture**” for two days National Conference on Emerging Trends in Sustainable Built Environment (NCESBE) which will be held on 02<sup>nd</sup> & 03<sup>rd</sup> Feb 2023.
10. Mrs. Sharada S A & Mrs. Adarsha M R has successfully cleared VTU PhD Pre Registration Interview.
11. Dr. G Narayana and all the Dept. Research Scholars has attended online meeting with VTU Vice Chancellor at ISE Board Room on 13 Jan 2023.
12. Mr. Raghu K has submitted Ph.D Final Theses on 10 Feb 2023.  
**Research Supervisor : Dr. G Narayana**
13. Mr. Naveen M P has taken Ph.D Open Seminar 1 on 21 Mar 2023.  
**Research Supervisor : Dr. G Narayana**

# Research Activities

14. Mrs. Sharada S A has completed registration process for PhD at VVIT, Bangalore under supervision of Dr. Veerendra Kumar.
15. Dr. G Narayana has submitted an application form for K\_FIST (L1) & FDP in VGST portal on 25 May 2023.
16. Mr. Sathish Y A has submitted an application form for FDP in VGST portal on 25 May 2023.
17. Research Scholar Mrs. Jyothi and Mr. Suhas K B has completed Ph.D Colloquium on 22 May 2023.
18. Mr. Raghu K has successfully completed Ph.D Viva-Voce on 14 July 2023.

Project Title: Performance based seismic design of steel braced frames with self centering friction dampers”

Name of the Supervisor: Dr. G Narayana



Photos: PhD Final Viva Voce

19. Mr. Naveena M P has completed Ph.D Open Seminar-2 on 22<sup>nd</sup> Jul 2023

Project Title: Development of Alkali Activated Aggregates in making Mortar and Concrete”

Name of the Supervisor: Dr. G Narayana

# Research Activities

20. Mr. Kamath G M has published research paper titled "The use of Moringa Olifera Seeds & Alum as a Natural Coagulant for Domestic Waste Water Treatment in Summer, Winter & Rainy Seasons", in Journal for Recent advances in Built Environment (JRABE), ISSN: 2583-3901, Volume 4-May 2023.
21. Mr. Sathish Y A has published research paper titled "Road Safety Assessment using iRAP – Case Study of National Highway", in International Journal of Innovative Science and Research Technology (IJISRT), ISSN: 2456-2165, Volume 8, Issue 7, July 2023.
22. Mrs. B R Shilpa has successfully completed "Ph.D Open Seminar-1" on 09<sup>th</sup> Aug 2023.  
Project Title: "Dynamic Analysis of 3D Building Frame Considering Effect of Soil Flexibility"  
Name of the Supervisor: Dr. G Narayana  
Research Co Guide : Dr. B K Narendra
23. Organized "Doctorial Committee meeting" for research scholar on 09<sup>th</sup> Aug 2023.

# Research Activities

## Funds Received

- Four B.E. final year projects have been approved for sponsorship in the 46th series of the Student Project Programme (SPP): 2022-23.

### KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012  
Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

#### 46<sup>th</sup> series of Student Project Programme (SPP): 2022-23

##### List of Student Project Proposals Approved for Sponsorship

###### 154. S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (RS.)
1143	46S_BE_0471	EXPERIMENTAL STUDY OF TAMARIND SEED AS AN COAGULANT FOR TREATING DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	Mr. KAMATH G M	Mr. SHABHAZ Ms. SMITHA S Ms. SREE LEKHA S Ms. SARIKA K	4,000.00
1144	46S_BE_0474	A SOLID WASTE MANAGEMENT IN CHICKBALLAPUR -A CASE STUDY	B.E.	CIVIL ENGINEERING	Mr. KAMATH G M	Mr. ROHITH I Mr. SANATH KUMAR A Mr. SANTHOSH KUMAR CR Mr. PAVAN KUMAR S R	4,000.00
1145	46S_BE_0749	SEISMIC EVALUATION AND RETROFITTING OF EXISTING STRUCTURE	B.E.	CIVIL ENGINEERING	Prof. ADARSHA M R	Ms. BHAVANA S Mr. NARENDRA REDDY Mr. BHARATH KUMAR K K Ms. MEGHANA S	4,000.00
1146	46S_BE_2979	ROAD SAFETY ASSESSMENT USING IRAP - CASE STUDY OF NATIONAL HIGHWAY	B.E.	CIVIL ENGINEERING	Mr. SATHISH Y A	Ms. RADHA G S Mr. PRABIN KUMAR SAH Mr. RAKSHITH R Mr. KARTHIK V N	4,000.00

KSCST: 46<sup>th</sup> Series of Student Project Programme (SPP): Sponsored Projects

260

- Won cash prize of **Rs. 8,500.00** for “**Best Project of the Year – 2023**” in State Level Seminar & Exhibition in the 46<sup>th</sup> Series of (2022-23) Student Project Program (SPP), held at Alva’s Institute of Engineering and Technology, Moodubidri on 11<sup>th</sup> & 12<sup>th</sup> August 2023.

Project Title: “Road Safety Assessment using iRAP- Case Study of National Highway”

Project Guide: Mr. Sathish Y A

Name of the Students: Ms. RADHA G S, Mr. PRABIN KUMAR SAH, Mr. RAKSHITH R & Mr. KARTHIK V N



# Achievements & Accomplishments

## Faculty Achievements

1. Dr. G Narayana, Dr. S R Satish Kumar and Mr. K Raghu, has published a Patent in Indian patent office journal No.37/2022, Dated 16 September 2022 on the Research work titled “Friction based energy dissipating device for self-centering”.
2. Dr. G Narayana has appointed as a Member of the Board of Examination [BOE] for the Department of Civil Engineering, Nitte Meenakshi Institution of Technology, Bengaluru for the term 2022-2025
3. Dr. G Narayana has appointed as a Chairman for Board of Examination [BOE] for the Department of Civil Engineering, VTU, Belagavi for the term 2022-2023
4. Dr. G Narayana has been appointed as a member in “Local Assessment Committee” for the academic year 2023-24 at BGS Institute of Technology, Adichunchanagiri University, BG Nagara, Mandya District.
5. Mr. Ravindra M V has been appointed as an expert to review the “KPSC Board Examinations Question Papers”
6. “Best Project of the Year – 2023” was adjudged during State Level Seminar & Exhibition in the 46<sup>th</sup> Series of (2022-23) Student Project Program (SPP), held at Alva’s Institute of Engineering and Technology, Moodubidri on 11<sup>th</sup> & 12<sup>th</sup> August 2023.

Project Title: “Road Safety Assessment using iRAP- Case Study of National Highway”

Project Guide: Mr. Sathish Y A

# Achievements & Accomplishments

## Faculty Achievements

7. The following faculty members have been honored with awards in celebration of Teachers Day 2023.

Sl. No.	Name of the Faculty	Name of the Award
01	<b>Dr. G. Narayana</b>	Excellence in Teaching, Research and Institution/ Developmental activities
02	<b>Ms. Vathsala M N</b>	High level of Performance (Best Cultural Co-ordinator).
03	<b>Mr. Sathish Y A</b>	Achievement in recognition of dedicated research contributions throughout the academic year 2022-23
04	<b>Mr. Kamath G M</b>	Achievement in recognition of dedicated research contributions throughout the academic year 2022-23
05	<b>Mrs. Adarsha M R</b>	Achievement in recognition of dedicated research contributions throughout the academic year 2022-23
06	<b>Mr. Ravindra M V</b>	Mentor for 2 MSME Ideation 2 proposals uploaded in the portal
07	<b>Mrs. Sharada SA</b>	Successfully submitted one proposal under MSME 3.0
08	<b>Mrs. Bhavya S</b>	Successfully submitted one proposal under MSME 3.0

# Achievements & Accomplishments

## Faculty Achievements

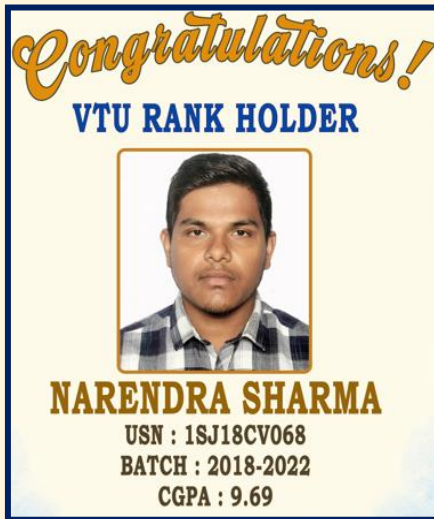
8. The following faculty members achieved 100% Results in the mentioned subjects in the University Exams held during the academic year 2022-23.

Sl. No.	Name of the Faculty	Subject
01	Mr. Ravindra M V	Environmental Protection & Management and Conservation of Natural Resource
02	Mr. Shashi Kumar A	Environmental Protection & Management
03	Mrs. Sharada S A	Design of Prestressed Concrete and Conservation of Natural Resource
04	Ms. Vathsala M N	Conservation of Natural Resource
05	Mrs. Chandrakala S	Waste Management and Matrix Method of analysis
06	Mrs. Bhavya S	Waste Management and Conservation of Natural Resource
07	Mr. Shashi Kumar N V	Masonry Structures
08	Mr. Sathish Y A	Urban Transport Planning and Pavement Design
09	Mr. Manjunath N	Urban Transport Planning
10	Mr. Kamath G M	Environmental Protection & Management and Conservation of Natural Resource
11	Mr. Chethan G N	Quantity Surveying and contract management
12	Mrs. Adarsha M R	Conservation of Natural Resource

# Achievements & Accomplishments

## Student Achievements

1. Narendra Sharma (USN: 1SJ18CV068) VTU 2<sup>nd</sup> Topper with CGPA 9.69 in the academic year 2022-23.
2. Dilip Yadav M R (USN: 1SJ18CV031) secured GATE score 362 with All India Rank( AIR) 10511.



3. "Best Project of the Year – 2023" was adjudged during State Level Seminar & Exhibition in the 46<sup>th</sup> Series of (2022-23) Student Project Program (SPP), held at Alva's Institute of Engineering and Technology, Moodubidri on 11<sup>th</sup> & 12<sup>th</sup> August 2023.

Project Title: "Road Safety Assessment using iRAP- Case Study of National Highway"

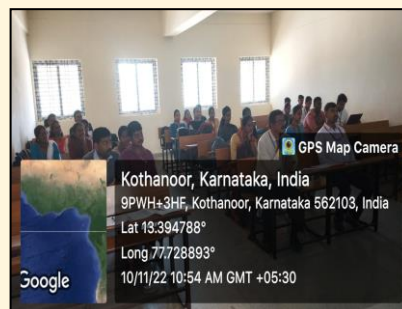
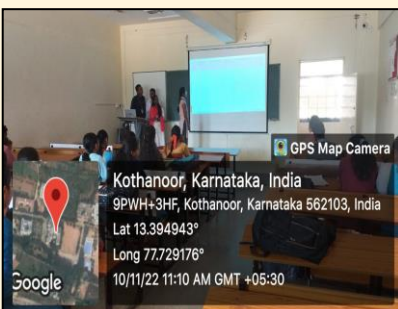
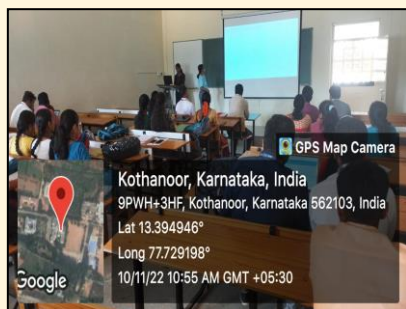
Name of the Students: Ms. RADHA G S, Mr. PRABIN KUMAR SAH, Mr. RAKSHITH R & Mr. KARTHIK V N



# Staff & Student Related

1. Completed B.E. Project Phase 1 / Review 1 for VII semester students on Nov 9 & 10, 2022.

**Project coordinator: Mr. Shashi Kumar A**



**Photos:** B.E. VII semester Project Phase 1 / Review 1

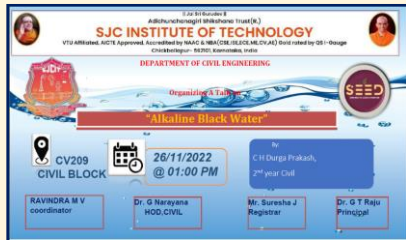
2. 41 students of UG/PG attended National Seminar and Exhibition on “Sustainable Development – The future”, on 17 & 18 Nov, 2022 at Nimhans convention Centre, Bangalore, Organized by ACCE (India), Bangalore Centre.



**Photo:** UG/PG students attended National Seminar and Exhibition

# Staff & Student Related

3. Mr. Ravindra M V has conducted SEED activity for B.E. V semester students on 26 November 2022.



Photos: SEED activity for B.E. V semester students

4. Completed B.E. Project Phase 1 / Review 2 for VII semester students on Dec 7, 2022.

Project coordinator: Mr. Shashi Kumar A



Photos: B.E. VII semester Project Phase 1 / Review 2

5. B.E. III semester students has planted saplings under Social Connect Activity on 21 Dec 2022.



Photos: Social Connect Activity

# Staff & Student Related

6. 2 Batches (8 Students) are participated in “JVTM – 2023 Project Exhibition” from 18 to 20 Feb 2023 at Sri Adichunchagiri Kshetra.

**Project Guides: Mr. Ravindra M V and Mrs. Bhavya S**

**JVTM Coordinator: Mr. Sathish Y A**



**Photos:** Students participation in “JVTM – 2023”

7. B.E. Final Year Project Phase 2 Review 1 completed on 06 April 2023.

**Coordinator : Mrs. Chandrakala S and Ms. Vathsala M N**

8. Technical seminar conducted for Final year students on 26 April 2023

**Coordinator : Mr. Ravindra M V**

9. Successfully conducted and completed Project Open House and National Conference on Innovation in Engineering, Science and Technology - NCIEST (MANTHANA-2023) on 24 May 2023.

No. of Publications = 19 & No. of Project Exhibition = 17

**Convener: Dr. G Narayana & Coordinator : Mrs. Sharada S A**

# Staff & Student Related

## MANTHANA 2023 - Winners in Paper Presentation

Sl. No.	USN	Name of the student	Place	Name of the Guide
1	1SJ19CV061	SANDEEP	I	Dr. G Narayana
2	1SJ19CV062	BEERAPPA		
3	1SJ19CV063	KABIR		
4	1SJ19CV064	DUSHYANTHA N		
5	1SJ20CV406	MANOJ R N	II	Mr. Ravindra M V
6	1SJ18CV071	NAVYASHREE M		
7	1SJ19CV040	RAKSHITHA R		
8	1SJ19CV041	RAVEENDRAKUMAR K V		
9	1SJ19CV006	BHOOMIKA N	III	Ms. Vathsala M N
10	1SJ19CV007	CHALAPATHI V		
11	1SJ20CV408	MOHAMED ZEESHAN PASHA		



Photos: MANTHANA 2023 - Winners in Paper Presentation



# Staff & Student Related

## MANTHANA 2023 - Winners in Project Exhibition

Sl. No.	USN	Name of the student	Place	Name of the Guide
1	1SJ20CV406	MANOJ R N	I	Mr. Ravindra M V
2	1SJ18CV071	NAVYASHREE M		
3	1SJ19CV040	RAKSHITHA R		
4	1SJ19CV041	RAVEENDRAKUMAR K V		
5	1SJ19CV029	MOHAN KUMAR H J	II	Mr. Sathish Y A
6	1SJ19CV030	NANDAN KUMAR N.		
7	1SJ19CV058	YASHISHWINI		
8	1SJ19CV020	KAMMARI PUJITHA	III	Mr. Kamath G M
9	1SJ19CV022	KARTHIK GOWDA H V		
10	1SJ19CV023	KARTHIK N		



Photos: MANTHANA 2023 - Winners in Project Exhibition

# Staff & Student Related

10. 4 KSCST Project Batch Students are presented their Final Year Project for Midterm Evaluation through online on 30 May 2023, conducted by KSCST.

**Name of the Guides :** Mr. Kamath G M – 2 Batch  
Mr. Sathish Y A – 1 Batch  
Mrs. Adarsha M R – 1 Batch

11. Mr. Ravindra M V has conducted SEED activity on 24 Jun 2023.  
No. of Teams participated = 24



**Photos:** SEED activity

12. Students of M.Tech and B.E. VI Semester, have attended the two days “Deminar – 2023” at Bangalore, on 13 & 14 July 2023.
13. Applied for ICI Student Chapter Award 2023 on 10<sup>th</sup> Aug 2023.  
**Coordinators :** Ms. Vathsala M N and Mr. Chetan G N
14. Rank monitoring committee formed in Meeting on 30 Aug 2023,  
**Committee Members:** Dr. G. Narayana, Mr. Ravindra M V and Concerned class teachers.
15. Mr. Ravindra M V has conducted “Anti-Ragging Meeting” on 28 Sep 2022.

# VTU/AICTE/NBA/NAAC Activities

1. Dr. G Narayana and Mr. Arun Kumar C J has attended “NAAC Mock Visit” in President Chamber, SJCIT on 29 Sep 2022.
2. Dr. G Narayana and Mr. Arun Kumar C J has attended “NAAC Mock Visit” in President Chamber, SJCIT on 10 October 2022.
3. Dr. G Narayana has attended first Board of Examiners(BOE) Meeting on Nov 17, 2022 at VTU, Belagavi.
4. Dr. G Narayana has attended orientation program for the “Translator’s & Reviewers of Kannada Language – II year UG & diploma courses / technical book writing scheme [ translation] at VTU, Muddenahalli on 15 Dec 2022.
5. Dr. G Narayana has appointed as Coordinator for the allotment of VTU UG Practical Examinations Jan – 2023 for Bengaluru Region and M.Tech programme for all regions.
6. Dr. G Narayana has successfully completed allotment of Examiners for UG VII Semester VTU Practical Examinations.
7. Dr. G Narayana has attended “2nd BOE Meeting” at VTU Belagavi on January 10 & 11 2023.
8. Conducted VTU Practical External Exams for B.E. VII Semester from January 4 - 9, 2023.  
Examiners – Dr. G Narayana & Mr. Sathish Y A – GTE Lab  
Dr. G Narayana & Mr. Arun Kumar C J – CAD Lab
9. Mr. Sathish Y A has appointed as a External Examiner for VTU Practical Exams of B.E. VII Semester at SVCE, Bengaluru on January 9 & 10, 2023.
10. Mr. Arun Kumar C J has appointed as a External Examiner for VTU Practical Exams of B.E. VII Semester at SVCE, Bengaluru on Jan 5 & 6, 2023 and at Sir. MVIT, Bengaluru on Jan 12 & 13, 2023.

# VTU/AICTE/NBA/NAAC Activities

11. Dr. G Narayana has given the presentation on “Department Overview for NACC Visit” at principal chamber on 24 Jan 2023.
12. Dr. G Narayana has successfully completed VTU Practical Exams allotment for V semester.
13. Dr. G Narayana has submitted Ph.D Entrance Exam QP to Adichunchanagiri University (ACU) on 10 Feb 2023.
14. Mr. Sathish Y A has completed VTU Practical Exams for B.E. V Semester at Sir MVIT, Bengaluru on 01 Feb 2023.
15. Mr. Kamath G M has completed VTU Practical Exams for B.E. V Semester at Sir MVIT, Bengaluru on 02 & 03 Feb 2023.
16. Faculties from RLJIT Doddaballapur visited the Department on 07 March 2023 to Know about a NACC Process.
17. Mr. Ravindra M V has prepared and submitted 3 VTU Question Papers.
18. Mrs. Bhavya S has completed 3rd Sem CAD Lab Exam as External at SJCIT on 11 April 2023.
19. Mrs. Bhavya S has completed 3rd Sem Social Connect and Responsibilities Exam as External at SJCIT on 12.04.2023.
20. Mr. Ravi Kiran B has completed 3rd Sem CAD Lab Exam as External at SJCIT on 11 April 2023.
21. Mr. Ravindra M V was appointed as a VTU External Examiner for Final Year Project Viva Voce and Internships at Sir MVIT, Bengaluru and Atria College of Engineering, Bengaluru on 22 & 23 May 2023.
22. Mr. Sathish Y A was appointed as a VTU External Examiner for Final Year Project Viva Voce at Sir MVIT, Bengaluru and Atria College of Engineering, Bengaluru on 24 & 26 May 2023.

# VTU/AICTE/NBA/NAAC Activities

23. Dr. G Narayana has participated in the meeting to discuss BE Civil Engineering VTU Syllabus NEP 2022 Scheme on 04 May 2023 at Bangalore Institute of Technology, Bengaluru.



**Photo:** VTU 2022 Scheme Syllabus Meeting

24. Mrs. Bhavya S was appointed as a VTU External Examiner for Final Year Project Viva Voce and Internships at Brundavan College of Engineering, Bengaluru and East West College of Engineering, Yelahanka on 22.05.2023, 23 & 27 May 2023.
25. Mr. Kamath G M was appointed as a VTU External Examiner for Final Year Project Viva Voce at Atria College of Engineering, Bengaluru on 25 May 2023.
26. Ms. Vathsala M N was appointed as a VTU Internal Examiner for Final Year Project Viva Voce on 25 & 27 May 2023.
27. Dr. G Narayana has successfully completed M.Tech I Semester Practical Examinations on 05 June 2023.
28. Mr. Kamath G M was appointed as a VTU External Examiner for Final Year Project Viva Voce at Atria College of Engineering, Bengaluru on 25 May 2023.

# VTU/AICTE/NBA/NAAC Activities

29. Ms. Vathsala M N was appointed as a VTU Internal Examiner for Final Year Project Viva Voce on 25 & 27 May 2023.
30. Dr. G Narayana has attended BOE Meeting at VTU, Belagavi on 10 & 11 July 2023.
31. Department LIC visit successfully completed on 06 July 2023.  
**Coordinator: Mr. Chetan G N**
32. Mr. Ravindra M V has attended VTU Practical Exams at Sir. MVIT, Bengaluru.
33. Mrs. Bhavya S has attended VTU Practical Exams at Sir. MVIT, Bengaluru.
34. Mr. Kamath G M has attended VTU Practical Exams at Atria College of Engineering, Bengaluru and BMSIT, Bengaluru.
35. Ms. Vathsala M N, Mr. Ravi Kiran B & Mr. Kamath G M has completed VTU Practical Exams as Internal Examiners.
36. Dr. G. Narayana attended Ph.D. Comprehensive VIVA Voce at BIT, Bangalore on 20 Aug 2023.
37. Mr. Arun Kumar C J completed DCS work for VTU examination at NCET Bengaluru from 28 Jul to 22 Aug 2023.

# Non-Academic Activities

1. Mr. Sathish Y A has done Total Station Survey at ACM site, near Kempegowda International Airport and submitted the drawings on 27 Sep 2022.
2. Mr. Rakesh M R prepared and submitted the Drawings for Renovation of all Labs in E&C Dept., SJCIT on 28 Sep 2022.
3. Ayudha Pooja is done in the Department on 03 October 2022.
4. All faculty members are visited Sri Adichunchanagiri kshetra on 04 October 2022.
5. Mr. Sathish Y A has done Total Station Survey in SAST® Site (SJCIT Opposite) on Nov 23, 2022
6. Towards Green India movement, Mr. Robin Singh from Uttar Pradesh started Bicycling campaign from 2nd Oct (Gandhi Jayanthi) spreading the message of Green India Movement covering all states with 6000 km by cycling. He has given awareness talk to our students on “Protection of Environment and Peace and to create awareness on teachings of Mahatma Gandhi - the world teacher and father of our nation” On 29 Nov 2022.



# Non-Academic Activities

7. Under social connect activity students planted medicinal plants at mechanical department on 08 Dec 2022.



**Photos:** Social Connect Activity

8. Mrs. Chandrakals S participated as a Judge for “Mehandi” and “Story writing on the basis of picture” competitions conducted at BGSIMS on 29 Nov 2022.
9. All Department faculty has attended Amavasya Pooja on 24 Dec 2022.
10. Department was incharge of Seating arrangements and Shamiyana for Kannada Rajyotsava & 118th Kuvempu Birthday program and successfully completed.
11. All Department faculty has attended “Employee Engagement Program” at Hunegal on 05 Jan 2023.
12. Dr. G Narayana has attended “Sankranti Festival Celebrations” at BGS School Agalagurki on 13 Jan 2023.
13. Mr. Ravindra M V has addressed and disinfected water problems in Boys & Girls hostel of BGS PU College, Agalagurki and suggestions given to hostel warden to maintain clean water.
14. All Department faculty has attended 74<sup>th</sup> Republic Day Celebrations on 26 Jan 2023.



# Non-Academic Activities

15. Dr. G Narayana, Mr. Arun Kumar C J, Mr. Chethan G N and Mr. Nagesh R visited for consultancy work (Condition Survey and Non-Destructive testing for KRISHI BOUNTY BIOTECH Building), at Nandi Grama, Chickballapur
16. Dr. G Narayana, Dr. Ranganatha Gowda G, Mr. Sathish Y A, Mrs. Vathsala M N, Mr. Chetan G N and Mr. Ranganath S N attended JVTM-2023 on 20 Feb 2023.
17. Mr. Arun Kumar C J has taken the in-charge for Name Boards & Sign Boards arrangements. (NAAC related work)
18. Mr. Sathish Y A was in charge of designing, printing and assembling the Tree Name Plates.



19. Department women faculties participated in International Women's Day Celebrations held at CSE Seminar hall on 08 Mar 2023.
20. All Faculty of Civil Department have attended "Employee Engagement Activity" on 16 Mar 2023.
21. Dr. G Narayana has presented the "Highlights of the Department Activates" in Parents Meeting on 25 Mar 2023.

# Non-Academic Activities

22. Dept. of Civil Engg., & Dept. of Physical Education in association with ACCE, Bangalore Chapter organized “Friendly Cricket Warm-up Matches” on 25 Mar 2023 at SJCIT Campus.



**Photos:** Friendly Cricket Warm-up Match

23. On occasion of Extensive Survey Camp 2023, All the staff members are along with the VI sem students visited to Sri Veeranjaneya Swamy Temple on 27 Mar 2023.
24. Successfully completed “Survey Camp Pooja” at SS Ghatti on 30 Mar 2023.



**Photos:** Survey Camp Pooja

# Non-Academic Activities

25. Completed Civil Department faculty registration in IRINS Vidwan portal on 10 May 2023.  
**Coordinator: Ms. Vathsala M N**
25. Department was organized Farewell Day function for Final Year Students on 31 May 2023.
26. Department was Incharge for Shamiyana, Seating arrangements & Sounds systems in SAMBRAMA and GRADUATION DAY, conducted on 02 & 03 June 2023.
27. Ms. Vathsala M N has successfully coordinated various events in Sambhrama 2023.
28. Mr. Kamath G M has successfully coordinated File distribution in Graduation Day 2023
29. Dr. G Narayana has participated ACCE(I) Award Function 2023 and Foundation Day Celebration on 16 Jun 2023 at Nagpur.
30. Mr. Sathish Y A has participated in "BGS Cup – Cricket Tournament" on 18 June 2023.
31. Dr. G Narayana has verified CSE and AI&ML Department Files during LIC mock visit on 26 June 2023.
32. Dr. G Narayana has participated in the Performance Evaluation of Non-Teaching Staff Members on 27 June 2023 at Principal Chamber.
33. On the Occasion of Poojya Sri. Sri. Sri. Dr. Nirmalanandanatha Mahaswamijy's 54th Birthday, Department of Civil Engineering organized the Programme "Planting of Sapling" on 20 July 2023 at SJCIT Campus.

# Non-Academic Activities

34. All Faculty are participated in BGS Nandi Run 2023 on 22 Jul 2023.



**Photos:** BGS Nandi Run & Sapling Planting

35. “EPL 2023 Engineers Premier League” Organized by Association of Consulting Civil Engineers (India) Bangalore Center in Association with SJC Institute of Technology, Chickballapur. on 11th and 12th August 2023. Support - Karnataka Professional Civil Engineer’s ACT.

36. Inauguration of 1st year classes on 11 Sep 2023, and Dr. G. Narayana Presented Department Profile for the 1st year students.

37. Mr. Sathish Y A has designed SJCIT New ID card & poster for M.Tech Admission



# Photo Gallery

## 1. Final Year Students Internship Projects Models.



# Photo Gallery

|| Jai Sri Gurudev ||  
Sri Adichunchanagiri Shikshana Trust (R)

**SJC INSTITUTE OF TECHNOLOGY**  
Chikkaballapur, Karnataka - 562 101

In association with  
**College Internal Complaints Committee  
Anti-Sexual Harassment Cell**

Organizing  
**INTERNATIONAL WOMEN'S DAY 2023**

8 March | 10.00 a.m. | CSE Seminar Hall

**Conveners**  
Dr. Deepa M S  
Professor & Head, Dept. of AE  
Dr. Bharathi M  
Professor, Dept. of CSE

**Organizing Chair**  
Mr. Suresha J  
Registrar

**Program Chair**  
Dr. G T Raju  
Principal

**Coordinators**  
Members of CICC & ASHC

**CSIR - CENTRAL ROAD RESEARCH INSTITUTE**  
NEW DELHI - 110025

This is to certify that  
**Sri Sathish Y A**  
having registered no. CRRI/TPB/2/CNP-2829/2023/22,  
has successfully completed the 15-day Certification Course  
on "Road Safety Audit and other Road Safety related  
Aspects" from 3<sup>rd</sup> to 18<sup>th</sup> April 2023, held at CSIR-Central  
Road Research Institute, New Delhi

18<sup>th</sup> April 2023  
Director  
CSIR- CRRI, New Delhi

|| Jai Sri Gurudev ||  
SRI ADICHUNCHANAGIRI SHIKSHANA TRUST

**S J C Institute of Technology**  
Chikkaballapur - 562101  
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC, NBA

**Department of Civil Engineering**

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Admissions Open

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Admissions Open For  
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M Tech  
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**CERTIFICATE COURSES**

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- BIM Fundamentals for Engineers

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- Career Development Programs
- Sports, Cultural Events, Seminars and Workshops
- Individual Mentoring for all Students
- Separate Boys and Girls Hostels
- Cafeteria, A/C Auditorium
- Scholarships
- Centralized Training & Placement Cell

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100% PLACEMENT ASSISTANCE

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ESTD:1986  
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Transportation Facilities are Available From  
Bengaluru | Devanahalli | Vijayapura | Shidlaghatta  
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Gauribidanur | Hosakote | Venkatagirikote  
Whitefield | Yelahanka | Manchanabale | Bagepalli |  
H-Cross | Kolar

**Eligibility Criteria**  
Candidates must have obtained an aggregate minimum of 45% marks in the optional subjects in the qualifying examination (40% in case of SC, ST, Category-I and OBC (2A, 2B, 3A and 3B) category candidates)

**For Admission Details Contact**

- College : 08156 - 263181/82 / 83 / 84
- Principal : 9731292555
- Registrar: 9901653915
- HOD Civil : 9980923307
- Department Admission coordinator : 9972433933
- W E B S I T E : www.sjcit.ac.in
- Email : principal@sjcit.ac.in / hodcivil@sjcit.ac.in



## **Vision**

**Building Competent Civil Engineers with a Societal Perspective**

## **Mission**

**Providing Conducive Learning Environment focusing on Planning, Analysis, Design and Detailing of Sustainable Infrastructure.**

**Imparting Training, Research and Consultancy in Collaboration with Research Institutes and Industries.**

**Equipping Students with Employability Skills through Internships, Industrial Interactions and Field Visits.**

**Exploring Comprehensive Environmental Aware Solutions for Various Fields of Civil Engineering with Multidisciplinary Approach.**

**Imbibing Lifelong Learning, Professionalism and Ethics among Civil Engineering Students.**

## **Program Educational Objectives**

**PEO1: Succeed in their Professional career in Industries / Public Sector / as Entrepreneur.**

**PEO2: Engage in Continuous Learning to be Competitive in ever Changing World.**

**PEO3: Design Cost Effective and Sustainable Civil Engineering Structures Conforming to Standards.**

## **Program Specific Outcomes**

**PSO1: Apply civil engineering knowledge in analysis, design, laboratory investigations and construction aspects**

**PSO2: Solve problems in various fields of civil engineering with appropriate construction materials & technology**