



Bapuji Educational Association®  
Bapuji Institute of Engineering and Technology  
Davanagere-577004

***BIETECH VOICE***  
Newsletter of Civil Engineering Department

**Volume – 10**

**Issue – 1**

**January 25 – June 25**



*World Water day was observed on 22<sup>nd</sup> March 2025*



*Marathon: Run for “Global Climate Change” on occasion of World Earth Day-2025 was conducted on 22<sup>nd</sup> May 2025*

### **Vision of the Institute**

To be a center of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

### **Mission of the Institute**

BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

### **Vision of the Department**

To train the students to become Civil Engineers with leadership qualities, having ability to take up professional assignments and research with a focus on innovative approaches to cater to the needs of the society.

### **Mission of the Department**

1. To provide quality education through updated curriculum and conducive teaching learning environment for the students to excel in higher studies, competitive examinations and professional career.
2. To impart soft skills, leadership qualities and professional ethics among the graduates to handle the projects independently with confidence.
3. To deal with the contemporary issues and to cater to the socio-economic needs.
4. To build industry-institute interaction and to establish good rapport with alumni.

### **Program Educational Objectives (PEOs)**

PEO 1: Core Competence: Graduates will be able to plan, analyze, design and construct sustainable Civil Engineering Infrastructure.

PEO 2: Professional Skills: Graduates will be professional engineers with a sense of ethics, creativity, leadership, self- confidence and independent thinking to cater to the needs of the society.

PEO 3: Societal Needs: Graduates will be able to contribute effectively for the development of industry and professional bodies.

PEO4: Cognitive Intelligence: Graduates will be able to take up competitive examinations, higher studies and involve in research and entrepreneurship activities.

### **Program Specific Outcomes (PSOs)**

Students after the completion of the program will be able to

1. Apply the fundamental concepts, software and codal provisions in the analysis, design and construction of sustainable civil engineering infrastructure.
2. Inculcate professional and leadership qualities, sense of ethics and confidence related to civil engineering.

Faculty will be able to

3. Contribute to the overall development of civil engineering community through the professional bodies and offer services to the society.

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## **NEWSLETTER COMMITTEE**

### **Patrons**

**Dr. Shamanur Shivashankarappa**

MLA, Hon. Secretary, BEA

**Sri. S S Mallikarjun**

Joint Secretary, BEA



### **Advisory Board**

**Prof. Y Vrushabhendrapa**

Director, BIET

**Dr. H B Aravinda**

Principal, BIET

**Dr. Chidananda G**

Professor and HOD

### ***From the Desk of HOD***

*I am happy to note that the Department of Civil Engineering is bringing out the Newsletter “Civil Voice” every six months to showcase the department’s activities. I hope this newsletter will throw insight into department activities such as workshops, seminars, industrial visits, the academic performance of the students, and other co-curricular and extra-curricular activities. This newsletter also provides a platform for highlighting the achievements of students and faculty members of the Civil Engineering Department. I congratulate the editorial team members for bringing out this newsletter. I wish you all the best in future endeavors.*

### **Editors**

**Sri.Vagish M,**

Assistant Professor

**Sri. Savan R G Basavaraj,**

Assistant Professor

### ***Overview of Civil Engineering Department***

*The Department of Civil Engineering was established in the year 1979. It possesses state of the art facilities to cater to the needs of students. Department offers UG programme in Civil Engineering, PG programmes in Environmental Engineering and Structural Engineering. The department has two research centers viz. Environmental Science and Technology Study Center and Civil Engineering research center accommodating research scholars from various Institutes and Industries. The department has well experienced distinguished faculty with specialization in major areas of civil engineering. The department provides testing and consultancy services to various government and semi government agencies, contractors, construction industries and to the public in and around Davangere. The faculty members have good contact with reputed Institutions and professional bodies which will enable for the exchange of new technologies. The department is proud to have distinguished alumni doing excellent professional work at the global level.*

### **Student Editors**

**Sri. Adarash A Y, 1<sup>st</sup> Year**

**Sri. Suraj C K , 2<sup>nd</sup> year**

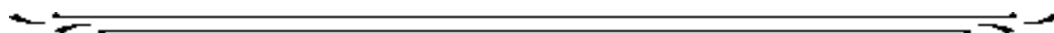
**Sri. Pavan M, 3<sup>rd</sup> year**

**Ms. Apoorva C , 4<sup>th</sup> year**

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## **Departmental Activities:**

➤ As a part of AICTE activity points programme and NSS programme, 4<sup>th</sup> and 6<sup>th</sup> semester students of 2023 - 2027 and 2022 - 2026 carried out following activities at Belludi Village on 21<sup>st</sup> March 2025.

1. Developing and managing efficient garbage disposal system
2. Developing sustainable water management system.
3. Awareness on post office scheme
4. Cleaning the school premises and cleaning the temple premises
5. Prepare and implement solution on Energy Consumption
6. Prepare and implement plan to improve the education quality in villages.
7. Awareness on NGO scheme and programme
8. Awareness on Swachh Bharath Abhiyan
9. Awareness camp on monitoring the hygiene of village
10. Awareness programme on voter ID registration



➤ As a part of academic curriculum Second BoS meeting held on 5<sup>th</sup> April 2025, to finalize

- 3<sup>rd</sup> to 8<sup>th</sup> semester BE Civil Engineering Scheme
- 3<sup>rd</sup> and 4<sup>th</sup> semester BE Civil Engineering Syllabus
- 2<sup>nd</sup> semester M Tech Environmental Engineering & Structural Engineering Scheme and Syllabus.

Suggestions given by the BoS members were incorporated and scheme & syllabus is finalized. BoS members also approved BoE for the AY 2025-26.



- Department of Civil Engineering bid farewell to 2021-25 batch students on 10<sup>th</sup> May 2025



- As a part of CSR initiative, FOSROC Chemicals (India) Private Limited sponsored the following instruments to the department in March 2025.
- Rapid Chloride Permeability Test Apparatus
  - Concrete Permeability Test Apparatus
  - Half-Cell Potentiometer
  - PUNDIT Ultrasonic Pulse Velocity Tester
  - Rebar Locator
  - Concrete Resistivity Meter
  - Concrete Abrasion Tester
- As a part of Go Green Club Activities, the following activities are carried out by the coordinator Dr. Sumana Y B.

Sl. No.	Name of the Activity	Date of Conduction
1	Inauguration of Go Green Club	28 <sup>th</sup> Feb 2025
2	World Water Day	22 <sup>nd</sup> March 2025
3	Marathon : Global Climate Change on of World Earth Day-2025	22 <sup>nd</sup> April 2025
4	Student Welfare Council in Association With Go Green Club "Our Power - Our Planet"	26 <sup>th</sup> April 2025
5	Community Clean Ups	2 <sup>nd</sup> May 2025





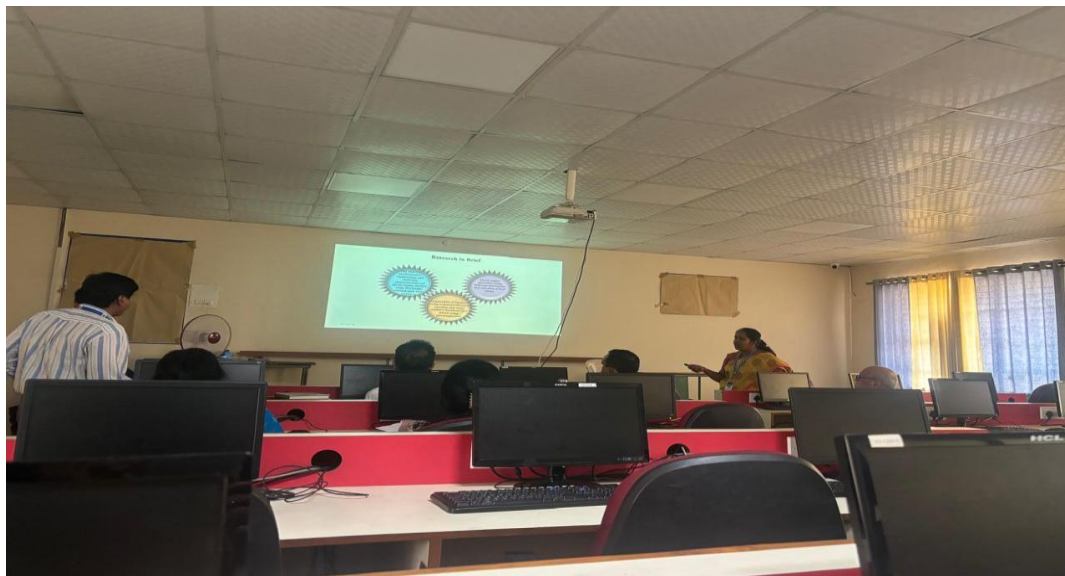
- In association with Institution of Engineers (I), Davanagere Local centre and BIET-Go Green Club, Institute celebrated “World Environment Day” on 5<sup>th</sup> June 2025. Principal Dr. H B Aravinda, Director Prof. Y Vrushabhendrappa, Professor Dr. S Suresh and Chief guest: Dr. K C Bakkappa, Academic Registrar, BEA, Davanagere planted a Sapling on the occasion. Dr. H B Aravinda addressed the audience on the theme “Ending Global Plastic Pollution”.



**Environmental Engineering R & D Lad**

## **Faculty Activities:**

- BE Project titled "An Experimental Study on Effect of Slag and Fine aggregate on Fresh and Hardened properties of Self Compacting Concrete", under the guidance of Sri. Savan R G Basavaraj received KSCST funding with a sanctioned amount of Rs. 5,500/-. Project Associates: Shashank B Reddy (4BD21CV076) Suhas S (4BD21CV083) Suma P C (4BD21CV084) Priyanka N (4BD22CV423).
- BE Project titled " An Experiment Study on Traffic Synchronization in One Direction for Existing Major District Road in Davanagere", under the guidance of Sri. Supreeth received Institute funding with a sanctioned amount of Rs. 5000/-. Project Associates: Swathi K V (4BD21CV085), Vadiraj P (4BD21CV089), Varun M (4BD21CV0910 & Shekharagouda V K (4BD22CV429).
- Sri. Savan R G Basavaraj, was invited as a judge for the singing and stand-up comedy events on the occasion of cultural fest VIVIDS-2025 on 6<sup>th</sup> March 2025, held at College of Dental Sciences, Davanagere.
- Sri. Supreeth delivered a technical talk on “Vastu for Residential Buildings and Vastu Principles in Civil Construction” on 18<sup>th</sup> April 2025 at CADD Training Center, Davanagere.
- Under the guidance of Dr. S Suresh and Dr. H B Aravinda, Smt. Sumana Y B successfully defended her Ph.D. work on the topic “Study of Emission Characteristics of a Diesel Engine Fueled with Waste Cooking Oil Methyl Ester, Diesel and Ethanol blends” on 19<sup>th</sup> April 2025 in the presence of external examiner: Dr. Basavaraj Manu, Professor and Head, Department of Civil Engineering, NIT-K Surathkal.



- Sri. Supreeth presented a talk on “Linguistics, Number System and Units of Measurements” as a part of “Indian Knowledge System” course on 9<sup>th</sup> May 2025 at Placement Seminar Hall.
- Dr. Basavana Gowda S N attended pre comprehensive viva voce examination as External Expert of PhD student at JSSSTU, Mysuru.

- Dr. Basavana Gowda S N attended the Research Progress Review Committee (RPRC) meeting of two PhD students as Domain expert at GM university, Davanagere.
- Sri. Akash C Arakere and Sri. Yashavanth (PG Student) published a research article on “A Comparative Study on Seismic Behaviour of G+12 Multi-storey Building for Different Location of Shear Walls Using ETABS” in IJIRSET Journal, Volume 14, Issue 5, May 2025.

➤ **SWAYAM Courses Cleared by the Faculties.**

Following faculties have cleared NPTEL Online Certification courses of January to June 2025.

Sl. No.	Name	NPTEL Course
1	Dr. Chidananda G	Electronic waste management issues and challenges
2	Dr. Raghu M E	GPS surveying
3	Smt. Arpitha D J	Development and applications of special concrete
4	Smt. Arpitha D J	Sustainable engineering concepts and life cycle analysis
5	Dr. Sumana Y B	Electronic waste management issues and challenges
6	Smt. Shahabaz Hakeem	Electronic waste management issues and challenges
		Applied environmental microbiology
7	Sri. Sharathraj R M	Geophysical exploration methods
		GPS surveying
8	Sri. Savan R G Basavaraj	Research methodology
9	Sri. Akash C Arakere	Research methodology
10	Sri. Supeeth	Expansive soil
11	Sri. Nidarshana D P	Sustainable engineering concepts and life cycle analysis
13	Dr. Basavan gowda S N	Maintenance and repair of concrete structures

➤ **FDP/Workshop/Conference Attended**

Name of the Faculty	Theme of FDP	Date	Organized by
Sri. A R Chandrashekar Sri. Akash C Arakere	Recent Advances in Civil Engineering	17 <sup>th</sup> & 18 <sup>th</sup> January 2025	Association of Consulting Civil Engineers, Mysuru
Mrs. Shahabaz Hakeem	Environmental Sustainability and Climate Change Adaptation Strategies	13 <sup>th</sup> to 14 <sup>th</sup> February 2025	VTU, Belagavi



Sri. Nidarshana D P Sri. G B Praveen Kumar Dr. Sumana Y B Mr. Sharathraj R M Mrs. Shahabaz Hakeem Smt. Priyanaka N	Sustainability in Civil Engineering: Innovations for Resilient Future	14 <sup>th</sup> to 18 <sup>th</sup> April 2025	Walchand Institute of technology, Solapur in collaboration with Ultratech cement Limited
Dr. Basavana Gowda S N Sri. Chetan Gonni S Sri. Nidarshana D P	Emerging Construction Practices in Civil Engineering	9 <sup>th</sup> to 13 <sup>th</sup> June 2025	Dept. of Civil Engineering, Walchand Institute of Technology, Solapur

➤ **Faculty Participation in Annual Sports Meet 2024-25**

<b>Events</b>	<b>Name of the Faculty</b>	<b>Position</b>
100 m Running Race	Sri. Sharath Raj R M	1 <sup>st</sup> Place
	Sri. Chetan Gonni S	2 <sup>nd</sup> Place
400 m Relay	Sri. Praveen Kumar G B	1 <sup>st</sup> Place
	Sri. Sharath Raj R M	
Tug of War	Sri. Nidarshana D P. Dr. Basavanagowda S N, Sri. Praveen Kumar G B, Sri. Chetan Gonni S Sri. Supreeth, Sri. Sharath Raj R M.	2 <sup>nd</sup> Place
Throw Ball	Sri. Nidarshana D P, Dr. Basavanagowda S N, Sri. Praveen Kumar G B, Sri. Savan R G Basavraj, Sri. Supreeth, Sri. Sharath Raj R M.	2 <sup>nd</sup> Place
Table Tennis	Sri. Praveen Kumar G B	3 <sup>rd</sup> Place
Shot Put	Dr, Basavanagowda S N, Sri. Supreeth	3 <sup>rd</sup> Place
Shuttle Badminton	Dr, Basavanagowda S N, Sri. Praveen Kumar G B	3 <sup>rd</sup> Place
Sack Race	Sri. Sharath Raj R M	3 <sup>rd</sup> Prize

### **Student and Placement Activities:**

#### **Placement Activities**

Sl. No.	Name & USN of Student	Company Name	Package
1	Deepa C Kalmat (4BD21CV025)	Baldota (Pool Campus)	3.20 – 3.5 LPA
2	Ankush Pujar (4BD21CV012)		
3	Varun M (4BD21CV091)	Kalpataru Projects International Ltd (Pool Campus Drive)	4.5 LPA
4	Raju N (4BD22CV425)		
5	Chethan V (4BD21CV022)		
6	Shashank B Reddy (4BD21CV076)	Intrainz, Bengaluru (On Campus)	4-6 LPA
7	Shubhankar S Suryvamshi (4BD21CV078)		
8	Akash D (4BD21CV004)		
9	O M Dhanush (4BD22CV420)	AARBEE STR Pvt. Ltd	3.20 – 3.5 LPA
10	Nidhi (4BD21CV056)	TCS – Ninja through campus interview	4-6 LPA



**Civil Engineering Department's Geo-Technical Lab**

**Students participation in DAVANA 2025:**

Sl. No.	Student Name	Event	Prize
1	Deepa C Kalmath (4BD21CV025) Shashank B Reddy (4BD21CV076) Girish S (4BD21CV029) Gagan K Naik (4BD21CV028) Al Fahd (4BD21CV007) Shanmuka G (4BD22CV033)	Mad ads	I place
2	Deepika H R (4BD23CV417) Hemanth H Y (4BD21CV034)	Anthyakshari Kannada	II place
3	Deepa C Kalmath (4BD21CV025) Al Fahd (4BD21CV007) Hemanth H Y (4BD21CV034)	Quiz	III place



**Civil Engineering Department's Concrete Materials Testing Lab**

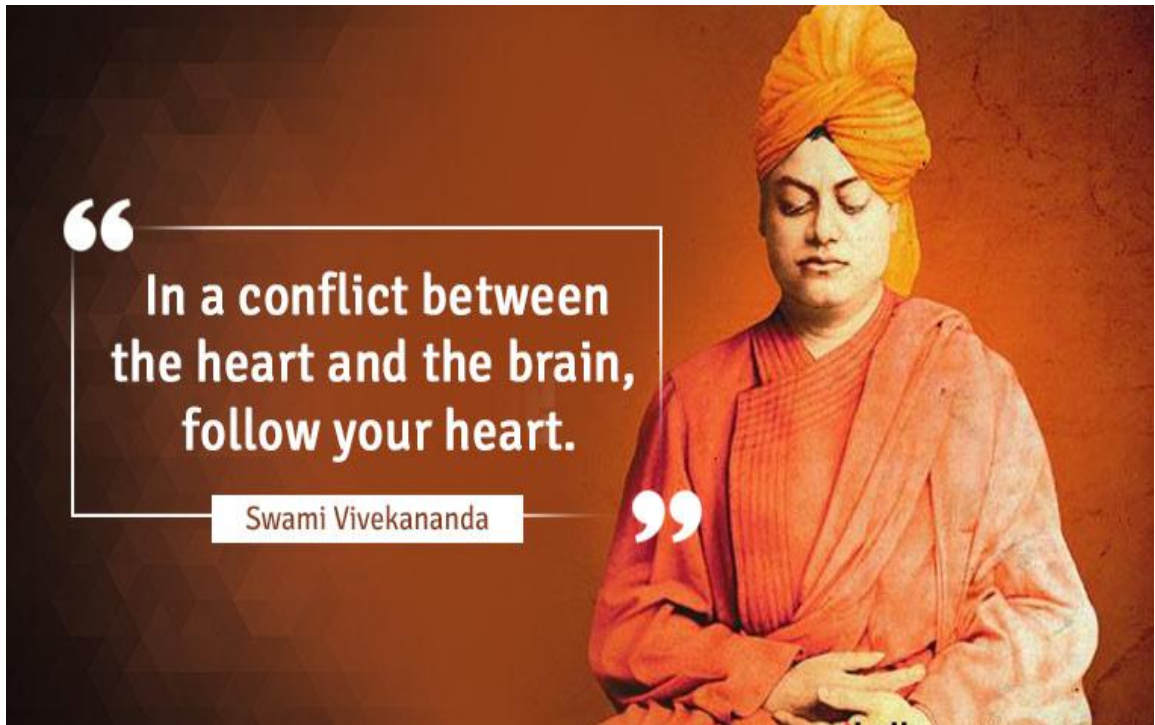


## List of Faculties of Civil Engineering Department

Sl. No.	Name of the Faculty/Specialization/Designation	Contact Details (Mobile /email)
1.	Dr. H B Aravinda (Env Engg), Principal	9844061789 drhbabiet@gmail.com
2.	Dr. S Suresh (Env Engg), Prof	9448233199 drssubiet@gmail.com
3.	Dr. Anilakumar C P (Marine Str.), Prof	9480599788 anilacp@yahoo.co.in
4.	Dr. Vijaya kumar C S (Str. Engg), Prof	9845387702 30vijay65@gmail.com
5.	Dr. M N Shiva kumar (Industrial Str.), Prof	9844421410 shivakumarmn1@gmail.com
6.	Sri.R S Chikkangowdar (Industrial Str.), Asst. Prof	9480257688 rscgoudar63@gmail.com
7.	Dr. Chidananda G (Industrial Str.), Prof & HOD	9480175764 chidanandag@gmail.com
8.	Dr. B Suresh (Env. Engg), Asoc. Prof	9449242490 drbssmg@gmail.com
9.	Dr.Basavanagowda S N (Str. Engg), Asoc. Prof	9844308930 snbgowda002@bietdvg.edu
10.	Dr. Raghu M E (Str. Engg), Asst. Prof	9741646266 raghukakkaragolla@gmail.com
11.	Sri. Vagish M (Chemical Engg.), Asst. Prof	9964667614 vagish222@gmail.com
12.	Sri. Praveen Kumar G B (Env Engg), Asst.Prof	8892288370 praveengb0033@gmail.com
13.	Sri. Chetan S Gooni (Str. Engg), Asst. Prof	9663318444 chethangonniss@gmail.com
14.	Smt. Arpitha D J (Construction tech), Asst.Prof	9611131777 kushii.21mar@gmail.com
15.	Sri. Satish G N (Str. Engg), Asst. Prof	8892177462 dgsathish98@gmail.com
16.	Dr. Sumana Y B (Env Engg), Asst.Prof	9964159791 sumanayb@gmail.com
17.	Sri. Akash C Arakere (Str. Engg), Asst. Prof	8553654901 akasharakere@gmail.com
18.	Sri. Savan R G Basavaraj (Str. Engg), Asst. Prof	8884040442 savanrgb179@gmail.com
19.	Sri. Sharathraj R M (Geo Tech), Asst.Prof	6360705276 sharathrajrm1234@gmail.com
20.	Smt. Shabaz Hakeem (Env Engg), Asst.Prof	7795513128 sheba89hakeem@gmail.com
21.	Sri. Supreeth (Highway Engg), Asst. Prof	7899417070 supreethbiet@gmail.com
22.	Smt. Priyanka N (Env Engg), Asst.Prof	priyankanaik036@gmail.com 7760360763
23.	Sri. Nidarshan D P (CAD Str), Asst. Prof	nidarshanadp6@gmail.com 7829606260

## List of Faculties of Civil Engineering Department

Technical and Non-Technical Staff			
Sl. No.	Name of the Faculty	Designation	ContactDetails (Mobile /email)
1	Sri. Pradeep S K	Instructor	8105208425
2	Sri. Naresh Kumar C	Instructor	9964448730 naresh.kmrc@gmail.com
3	Sri. K R Narappa	Peon	9731376519
4	Sri. Rudresh K M	Peon	9740578998
5	Sri. Punith D S	Peon	9901517703





*Community Clean Ups was conducted on 02<sup>nd</sup> May 2025*



*Nirmana 5.0 Intra college Project exhibition*



*Department's Fluid Mechanics and Hydraulics Laboratory*



*Department's Environmental Engineering Laboratory*

*Department of Civil Engineering, CIVIL VOICE: Newsletter January 2025- June 2025*