



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

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

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**Volume – 8**

**Issue – 1**

**January 24 – June 24**

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*Celebration of “World Environment Day”  
on 10<sup>th</sup> June 2024*



*Three day workshop on “Application of GIS in Civil and  
Environmental Engineering” was organized by the department  
from 3rd to 5th April 2024.*

### **Vision of the Institute**

To be a center of excellence recognize 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**

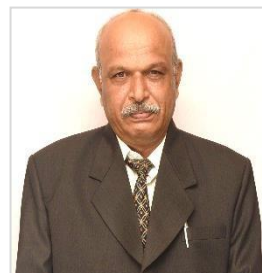
### **Patrons**

**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. S Suresh**

Professor and HOD

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

*Welcome to the Department of Civil Engineering, BIET Davangere. We, the Department of Civil Engineering, feel our enthusiasm to publish the Eighth volume of our departmental newsletter, "Civil Voice." I, as a head of the department would like to thank all the faculty members, non-teaching staffs and students for their limitless support and sincere efforts for the betterment and development of department. On this occasion, I congratulate all the team members of the editorial board for bringing up this Volume in a better shape.*

### **Editors**

**Dr. Chidananda G**

Professor

**Sri. Vagish M,**

Assistant Professor

**Sri. Chethan Gonni S,**

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. Jeevan J R,** 1<sup>st</sup> Year

**Sri. Keerthan ,** 2<sup>nd</sup> year

**Ms. Sahana,** 3<sup>rd</sup> year

**Ms. Deepa D K,** 4<sup>th</sup> year

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  - 2. Faculty Activities/paper published/conference attended**
  - 3. Student and Placement Activities**
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## DEPARTMENTAL ACTIVITIES

- In association with INSTRUCT, Bengaluru, Department organized one day training programme on “Trends in Modern Construction and Opportunities to Civil Engineering Graduates” to the final year students of 20-24 batch on 29<sup>th</sup> February 2024. Technical talks were delivered by eminent INSTRUCT members viz. Sri. Seshadri S, Sri. Umesh B Rao, Dr. M S Sudarshan and Sri. H R Girish.



- As a part of industry-institute interaction, 3<sup>rd</sup> year students of 21-25 batch visited KMF unit and RKB Blocks Factory at Mysuru on 1<sup>st</sup> March 2024.



- Sri. Shashank C Bangi, Assistant Professor, Dept. of Civil Engg., Gogte Institute of Technology, Belagavi, delivered a technical talk on “Advanced Surveying” to the final year students of 20-24 batch on 15<sup>th</sup> April 2024



## DEPARTMENTAL ACTIVITIES

- Farewell was given to final year students of 20-24 batch students on 4<sup>th</sup> May 2024.



- Department organized technical seminar presentation competition to the final year students of 20-24 batch on 23<sup>rd</sup> April 2024. Seminars presented by 10 students were evaluated by Dr. Lokeshappa B, Associate Professor, Department of Civil Engineering, UBDTCE, Davanagere, Dr. C P Anila Kumar and Sri. R S Chikkanagoudar of the Department. Students D G Bindu, Sujith A and Nelluru Badrinath respectively secured I, II and III place.



- Three day workshop on “Application of GIS in Civil and Environmental Engineering” was organized by the department from 3<sup>rd</sup> to 5<sup>th</sup> April 2024. Sri. Venugopal T V and Sri. Bikram Biswas of Bharatha Bhoomi, Bengaluru gave the training on GIS. Faculties of the department and first year M Tech Environmental Engineering students underwent the training.





## DEPARTMENTAL ACTIVITIES

- Hands-on-training on DGPS (Differential Global Positioning System) was given to the faculties of the department on 15<sup>th</sup> April 2024 by Sri. Shashank C Bangi, Assistant Professor, Dept. of Civil Engg., Gogte Institute of Technology, Belagavi.



- Hands-on-training on DGPS and Drone Surveying was also given to the faculties of the department on 24<sup>th</sup> April 2024 by the technical team of Lawrence and Mayo (India) Pvt. Ltd., Bengaluru.



- On 31<sup>st</sup> May 2024, department felicitated Dr. S Suresh for attaining Superannuation. Dr. C S Vijaya Kumar took charge as Head of Department on 3<sup>rd</sup> June 2024.



## DEPARTMENTAL ACTIVITIES

- In association with Institution of Engineers (I), Davanagere Local centre, Institute celebrated “World Environment Day” on 10<sup>th</sup> June 2024. Principal Dr. H B Aravinda, Director Prof. Y Vrushabhendrappa, Professor Dr. S Suresh and Chief guests planted a tree on the occasion. Dr. H B Aravinda addressed the audience on the theme “Land Restoration, Desertification and Drought Resilience”.



## FACULTY ACTIVITIES

- Technical talk on “Entrepreneurship” was delivered by Dr. Chidananda G on 27<sup>th</sup> and 28<sup>th</sup> February 2024 for 3<sup>rd</sup> year students of 21-25 batch as a part of Entrepreneurship Internship.



- UG project guided by Smt. Sumana Y B, Smt. Priyanka N, Sri. Akash C Arakere and Sri. Savan R G Basavaraj were selected by the Department for NIRMANA 4.0 Institute level Project Exhibition which was held on 25<sup>th</sup> May 2024. Project work guided by Smt. Sumana Y B was adjudged as the best UG project of the department.



- UG project guided by Smt. Sumana Y B (Title: “Optimization studies on adsorption efficiency of low cost activated orange peels for the removal methylene blue dye”) and Smt. Priyanka N (Title: “A Study on Effects of Agricultural Fertilizers on Surface and Subsurface Water Sources”) were selected for funding from KSCST.
- UG project guided by Sri. Akash C Arakere (Title: “A study on the strength properties of conventional concrete with coconut shell as a partial replacement with coarse aggregate”) and Sri. Savan R G Basavaraj (Title: “An Experimental Study on strength characteristics of concrete, using partial replacement as Alcofine and Iron powder for cement and fine aggregate respectively”) were selected for funding from the Institute.
- Smt. Sumana Y B published a journal titled “Waste cooking oil, Biodiesel and their Nano biodiesel blends infused with RGO Nano particles for Diesel engine applications” in “Journal of Advanced Research in Fluid Mechanics and Thermal Science”, [Volume 114, Issue 2 (2024)], a Q3 Journal.



## FACULTY ACTIVITIES

- Dr. Basavana Gowda S N presented a research article in “International Conference on Sustainable Infrastructure: Innovations, Opportunities and Challenges” (SIIOC – 2024), organized by NITK Surathkal on 30<sup>th</sup> April and 1<sup>st</sup> May 2024.
- Sri. Raghu M E attended PEXPO - 2024 organized by Jain Institute of Technology, Davanagere on 9<sup>th</sup> May 2024 as Project Evaluator.
- Following faculties of the Department have cleared NPTEL Online Certification Courses of January-April 2024 semester.

Sl. No.	Name of the Faculty	NPTEL / SWAYAM Course
1	Dr. M N Shivakumar	Introduction to Civil Engineering Profession
2		Engineering Mechanics – Statics & Dynamics
3	Dr. Chidananda G	Entrepreneurship Essentials
4		Earthquake Resistant Design of Foundations
5	Smt. Sumana Y B	Water supply Engineering
6		Plastic Waste Management.
7	Sri. Akash C Arakere	Introduction to Civil Engineering Profession
8	Sri. Sharathraj R M	Geosynthetics & Reinforced Soil Structures
9	Sri. Savan R G B	Introduction to Civil Engineering Profession
10	Smt. Priyanka N	Water supply Engineering
11		Plastic Waste Management
12	Sri. Nidarshana D P	Concrete Technology

## STUDENT ACTIVITIES

- As a part of “Social Connect and Responsibility” course, Sri. Vagish M and Sri. Praveen Kumar G B accompanied 2<sup>nd</sup> year students of 22-26 batch to Water treatment plant at Ranebennur and Waste water treatment plant at Shivanagara, Davanagere on 23<sup>rd</sup> February 2024. Visit was also made to Taralabalu Krishi Vignyan Kendra, Davanagere on 29<sup>th</sup> February 2024.



- Final year students of 20-24 batch: Allalli Rubaya Sultana, Chanakya M D, Sahana S R, Shree Harsha B Mathod and Vaishnavi N participated in 23<sup>rd</sup> VTU Youth Festival “BLISSBEAT-2024” at SJC Institute of Technology, Chikkaballapur on 27<sup>th</sup> March 2024.
- Roshan J and Prajwal V, third year students of 21-25 batch represented the Institute in Football competition held at JNNCE, Shivamogga from 5<sup>th</sup> June 2024 to 7<sup>th</sup> June 2024.
- For TEACHNOOK and AARBEE STRUCTURES Pvt. Ltd., respectively 5 and 2 students of 20-24 batch got placed through on-campus interview.
- Placement coordinator Sri. Praveen Kumar G B referred 19 students to "ARISTO INTERIORS" company for off-campus interview, out of which 13 students got placed.

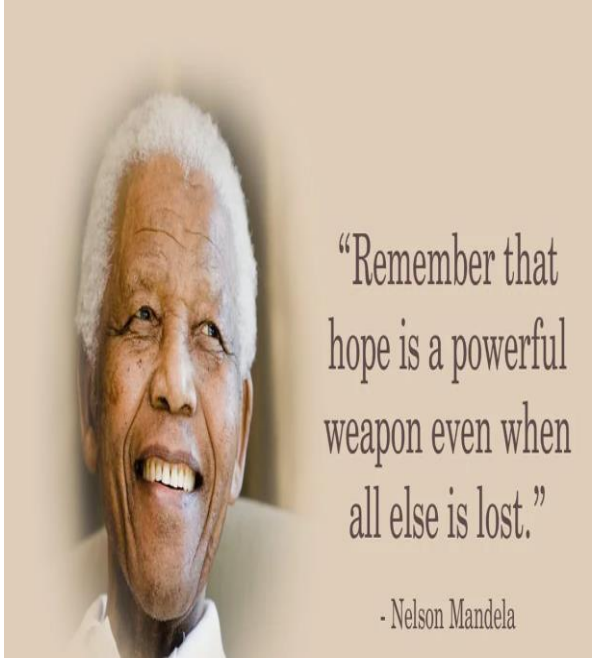
## List of Faculties of Civil Engineering Department

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 & HOD	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	9480175764 chidanandag@gmail.com
8.	Dr.Basavanagowda S N (Str. Engg), Asoc. Prof	9844308930 snbgowda002@bietdvg.edu
9.	Sri. Raghu M E (Str. Engg), Asst. Prof	9741646266 raghukakkaragolla@gmail.com
10.	Sri. Vagish M (Chemical Engg.), Asst. Prof	9964667614 vagish222@gmail.com
11.	Sri. Praveen Kumar G B (Env Engg), Asst.Prof	8892288370 praveengb0033@gmail.com
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13.	Smt. Arpitha D J (Construction tech), Asst.Prof	9611131777 kushii.21mar@gmail.com
14.	Sri. Chandrashekar A R (Construction tech), Asst.Prof	9481241240 chandrashekar119@gmail.com
15.	Sri. Satish G N (Str. Engg), Asst. Prof	8892177462 dgsathish98@gmail.com
16.	Smt. 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

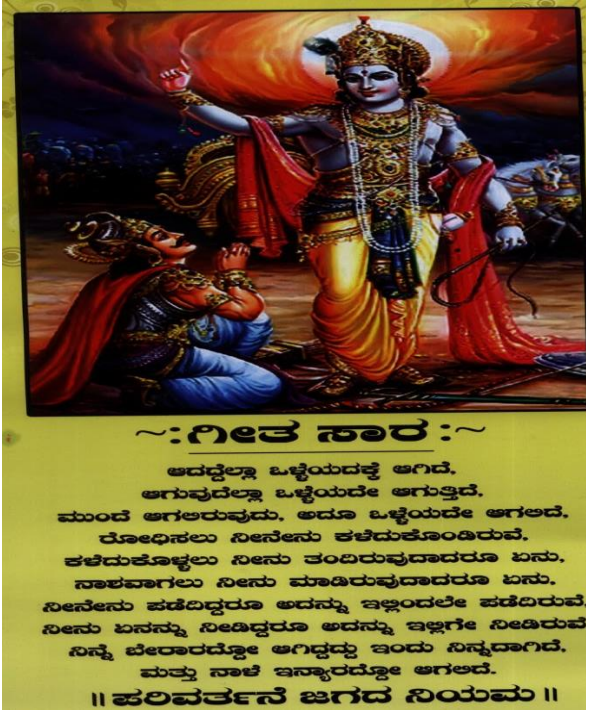
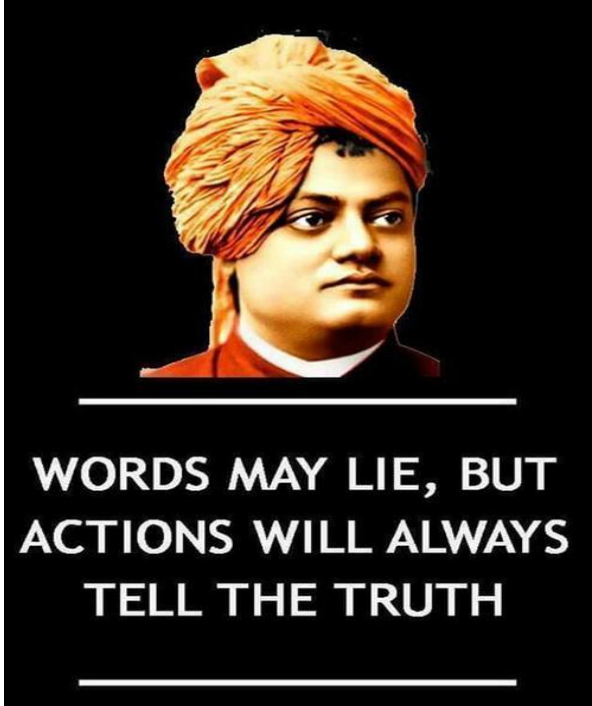
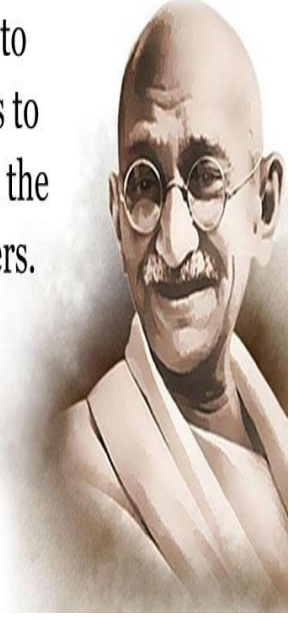


### **List of Faculties of Civil Engineering Department**

<b>Technical and Non-Technical Staff</b>			
<b>Sl. No.</b>	<b>Name of the Faculty</b>	<b>Designation</b>	<b>ContactDetails (Mobile /email)</b>
1	Sri. Pradeep S K	Instructor	8105208425
2	Sri. Naresh Kumar C	Instructor	9964448730 naresh.kmrc@gmail.com
3	Smt. Annapurna K	Assistant Instructor	9632854999
4	Sri. Kunneshi	Attender	–
5	Sri. K R Narappa	Peon	9731376519
6	Sri. Rudresh K M	Peon	9740578998
7	Sri. Punith D S	Peon	9901517703



The best way to  
find yourself is to  
lose yourself in the  
service of others.





*one day training programme on “Trends in Modern Construction and Opportunities to Civil Engineering Graduates”*



*Hands-on-training on DGPS (Differential Global Positioning System)*



*Felicitation to Dr. S Suresh for attaining Superannuation.*



*Visit to Taralabalu Krishi Vignyan Kendra.*