



Bapuji Educational Association®  
Bapuji Institute of Engineering and Technology,  
Davangere

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

**Volume – 5**

**Issue – 1**

**July 2022 – December 2022**



**Davanagere, KA, India**

BIET, Davanagere, 577004, KA, India

Lat 14.444449, Long 75.903184

12/02/2022 11:12 AM GMT+05:30

Note : Captured by GPS Map Camera

*Inugural Function of Civil Engineering Forum and National pollution control day was Celebrated on 2<sup>nd</sup> December 2022, Chief Guest - Sri. Kotresh K B*



*Alumni meet (1982-1986 Batch) “Savi nenapu”, was organized on, 24<sup>th</sup> December 2022.*

### **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**

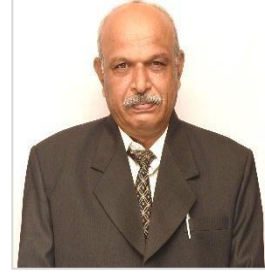
### **Patrons**

**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***

*I am delighted to present the welcome message for our Bi-annual Newsletter which gives glimpses of the cumulative efforts of the Department of Civil Engineering guided by the Honorable Management, Principal, Director and supported by the administration. I congratulate the entire civil engineering department faculties, staff and students for their contribution to department activities and look forward for future developments. Special thanks to the Editorial Board for in house development of this newsletter.*

### **Editor**

**Sri. R S Chikkangoudar**

Assistant Professor

### **Associate Editors**

Sri.Vagish M, Assistant Professor

Ms. Supriya X L, Assistant Professor

### ***Message from editorial Board***

*As the Editor of a Civil Department Bi-Annual newsletter, Please let me start by conveying my regard to the entire civil engineering faculty members who supported me for making this happen. This News-letter mirrors the vision and mission of Civil Engineering Department. It also highlights the events activities and achievements. I do hope that this newsletter will encourage many more students to come forward and express their talent and creativity. In order To keep the readers widely interested and updated we will off course continue the tradition of communicating the significant events and activities of Civil Department. I would like to thank Dr. S. Suresh (HOD, Civil) for the continuous Motivation, inputs and time to time Feedback for the final draft.*

### **Student Editors**

**Sri. Sangamesh**, 1<sup>st</sup>Year

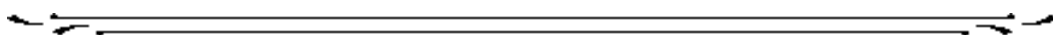
**Ms. Rakshitha G R**, 2<sup>nd</sup>Year

**Ms. Priya G V**, 3<sup>rd</sup>Year

**Sri. Chidanada H G**, 4<sup>th</sup>Year

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



## 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
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4.	Dr. Vijaya kumar C S (Str. Engg), Prof	9845387702 30vijay65@gmail.com
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6.	Sri.R S Chikkangowdar (Industrial Str.), Asst. Prof	9480257688 rscgoudar63@gmail.com
7.	Dr. Chidananda G (Industrial Str.), Asoc. 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.	Dr.Nanjundi Prabhu (Water Resource), Asst. Prof	8722149270 nanjundiprabhu@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.	Smt. Arpitha D J (Construction tech), Asst.Prof	9611131777 kushii.21mar@gmail.com
14.	Sri. Chetan G S (Str. Engg), Asst. Prof	9663318444 chethangonnis@gmail.com
15.	Miss. Ramya B V (CAD Str), Asst. Prof	8123066510 ramyabv22@gmail.com
16.	Sri. Chandrashekar A R (Construction tech), Asst.Prof	9481241240 chandrashekar119@gmail.com
17.	Sri. Satish G N (Str. Engg), Asst. Prof	8892177462 dgsathish98@gmail.com
18.	Smt. Sumana Y B (Env Engg), Asst.Prof	9964159791 sumanayb@gmail.com
19.	Sri. Akash C A (Str. Engg), Asst. Prof	8553654901 akasharakere@gmail.com
20.	Sri. Savan R G (Str. Engg), Asst. Prof	8884040442 savanrgb179@gmail.com
21.	Sri. Sharathraj R M (Geo Tech), Asst.Prof	6360705276 sharathrajrm1234@gmail.com
22.	Smt. Shabaz H (Env Engg), Asst.Prof	7795513128 sheba89hakeem@gmail.com
23.	Miss. Supriya X L (Str. Engg), Asst. Prof	9019417626 supriyalopes2@gmail.com
24.	Smt. Amulya G.V (Water Resource), Asst. Prof	8970243829 gvamulya@gmail.com
25.	Sri. Supreeth (Highway Engg), Asst. Prof	7899417070 supreethbiet@gmail.com
26.	Smt. Priyanka N (Env Engg), Asst.Prof	priyankanaik036@gmail.com 7760360763
27.	Smt. Chetana M P (Env Engg), Asst.Prof	chetanaprabhu95@gmail.com 9448161297
28.	Sri. Nidarshan D (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. Rajappa	Attender	8277536678
6	Sri. K R Narappa	Peon	9731376519
7	Sri. Rudresh K M	Peon	9740578998
8	Sri. Punith D S	Peon	9901517703

## **DEPARMENTAL ACTIVITES:**

- Internship for final year BE students (2019-23 batch) was inaugurated by Dr. H B Aravinda, Principal, BIET on 5<sup>th</sup> September 2022 in Sir M Visvesvaraya Seminar Hall of Civil Engineering Department. Prof. Y Vrushabhendrappa, Director, Dr. S Suresh, HOD, Civil, Sri. G B Suresh Kumar, FPACE Member and Internship Coordinator, Dr. C M Ravikumar, Professor of CED, UBDTCE and ACCE (I) – Davangere Centre, Dr. Eramma H, Professor, CED, UBDTCE and Sri. H R Girish, Chairman, ICI – Bangalore addressed the students. Students underwent First Phase of Internship from 5<sup>th</sup> September 2022 to 17<sup>th</sup> September 2022, conducted by FPACE, Davangere. During Internship, Technical talks were delivered by eminent resource persons from Industry and Academia. Visits to various Construction sites were also made during Internship.



- Sri. H R Girish, Chairman – ICI Bangalore and ACCE (I) member handed over “Educational Institution Life Member to ACCE (I)” Certificate (Life Membership No. 7456) to the Principal Dr. H B Aravinda on 5<sup>th</sup> September 2022.



- Department Celebrated Teachers’ Day on 5<sup>th</sup> September 2022. On the occasion Qualities and ideologies of Dr S Radhakrishnan were remembered.



- From 21<sup>st</sup> to 23<sup>rd</sup> of November 2022, in association with State Institute of Urban Development (SIUD), Mysuru, Department successfully organized 3 days of training programme on “Operation and Maintenance of Water Supply System in Tranche-1 Towns” to PWD Engineers.



- Smt. Shilpa H K, Staff of CADD Centre, Davanagere gave a technical talk on “Empower Your Skills in Civil Engineering” to 3<sup>rd</sup> semester BE students on 25<sup>th</sup> November 2022.
- Forum Inauguration, Fresher’s day and National Pollution Control Day was celebrated on 2<sup>nd</sup> December 2022. Sri. Kotresh K B, Retired Environmental Officer, KSPCB graced the occasion as chief guest. Sri. Kotresh K B planted a tree in Department’s garden to commemorate National Pollution Prevention Day and also addressed the students about the ill effects of pollution.



- Five days hands on training on “Advanced Total Station, Drone and Autoplotter” had been organized for departmental faculties from 5<sup>th</sup> to 9<sup>th</sup> December 2022. Dr. Chidananda G, Dr. Basavana Gowda S N, Sri. Raghu M E, Sri. G B Praveen Kumar, Sri. A R Chandrashekar Sri. Chetan S Gonni, Sri. Akash C Arakere, Sri. Sharathraj R M, Sri. Savan R G Basavaraj and Sri. Naresh Kumar C underwent the training. Training was given by the Technical persons of Lawrence & Mayo (India) Pvt. Ltd. and Infycons Creative Software Pvt. Ltd.



- “Savi Nenapu”, an offline Alumni meet of BIET students was organized by the Institute on 24<sup>th</sup> December 2022. About 50 Alumni of Civil Engineering attended the meet and shared their past memories during their course of stay in BIET. They also shared their present working details. Alumni ensured to lend any sort of support / assistance / service to the Department through interaction with the students. Alumni also filled the feedback form.



- Sri. S B Patil, First Batch Alumni of BIET and Retired Professor of Civil Engineering Department, BIET has donated Rs. 3 Lakhs to “BIET Alumni Association” on 24<sup>th</sup> November 2022.
- The department generated revenue of about Rupees Six Lakhs through consultancy activities for a period of Jul 2022-Dec 2022.

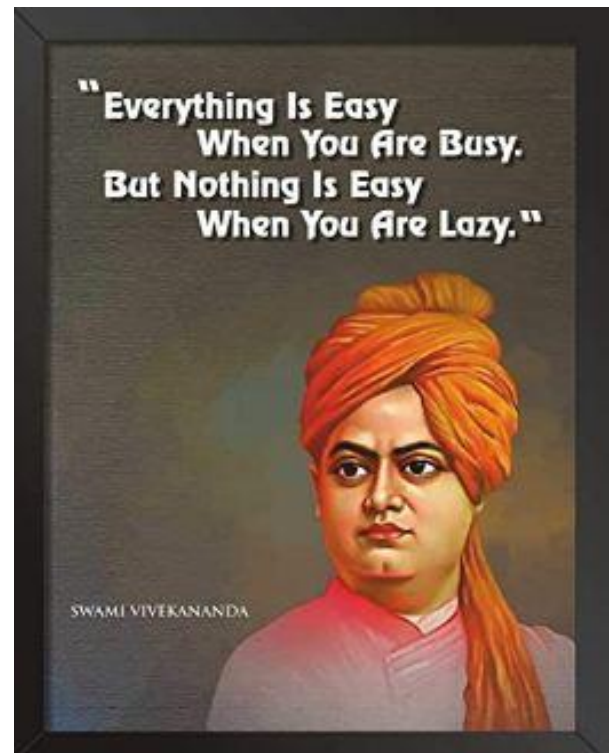
**FACULTY ACTIVITIES/PAPER  
PUBLICATIONS/CONFERENCES**

**ATTENDED:**

- Dr. M N Shivakumar successfully completed online certifications course “Design of reinforced concrete structures” and “Strength of materials”, as a topper and awarded with Elite + Silver certification offered by NPTEL.
- Dr. M N Shivakumar received “NPTEL Discipline Star” appreciation certificate from NPTEL for completing 5 Civil engineering domain courses with a total duration of 50 weeks or more and securing minimum 55 marks in each course.
- Faculty members Sri. Chetan S Gonni, Sri. Nidarshana D P and Sri. Supreeth attended two days national seminar on “Performance of Climatic Responsive Buildings – A Qualitative and Quantitative Approach” on 10<sup>th</sup> and 11<sup>th</sup> of July 2022 at K S School of Engineering and Management, Bengaluru.
- Dr. Chidananda G and Sri. Vagish M completed Level 2 UHV Course and is Eligible to teach UHV course at curriculum level. Smt. Amulya G V, Smt. Sumana Y B, Smt. Shahabaz Hakeem, Smt. Priyanka N, Sri. Akash C Arakere, Sri. Sharathraj R M and Sri. Supreeth completed Level 1 UHV Course and are eligible to teach UHV course at Student Induction Programme.
- Smt. Arpitha D J and Sri. A R Chandrashekar attended Conference and presented paper at REVA University in June and July 2022.
- Dr. Basavana Gowda S N has successfully completed all the 8 modules of National Initiative for Technical Teachers Training (NITTT), an AICTE Initiative and received a “Certificate” from AICTE.
- Sri. Rakesh J Ghante, Assistant Professor of the Department was relieved from the service on 10<sup>th</sup> August 2022.
- Dr. Nanjundi Prabhu published a book titled “An Integrated approach towards Ground water sustainability and Management” in Grin Publications, Germany.
- Smt. Chetana M P successfully completed online certifications course “Municipal Solid Waste Management” as a topper and awarded with Elite + Silver certification offered by NPTEL.
- Smt. Sumana Y B successfully completed online certifications course “Municipal Solid Waste Management” and awarded with Elite certification offered by NPTEL.
- Smt. Arpitha D J successfully completed online certifications course “Advanced Concrete Technology” offered by NPTEL.
- Sri. Sharathraj R M successfully completed online certifications course “Plastic Waste Management” and “Soil Mechanics” offered by NPTEL.
- Smt. Shahabaz Hakeem successfully completed online certifications course “Integrated Waste Management for Smart City” and “Municipal Solid Waste Management” offered by NPTEL.
- Sri. Savan R G Basavaraj successfully completed online certifications course “Strength of materials” and awarded with Elite certification offered by NPTEL.
- Smt. Priyanka N successfully completed online certifications course “Municipal Solid Waste Management” and awarded with Elite certification offered by NPTEL.
- Dr. Chidananda G successfully completed SWAYAM course on “ICT in Teaching & Learning” and awarded with A Grade.



- Smt. Arpitha D J published paper on “Experimental Investigation of characteristics properties of Hybrid Fibrous Ferro Cement” at online IOP conference series in Material Science and Engineering during September 2022.
- Sri. A R Chandrashekar published paper on “Experimental Investigation of characteristics properties of Aluminum dross and GGBFS in the production of Eco-friendly Concrete” at online IOP conference series in Material Science and Engineering during September 2022.
- Sri. Sharathraj R M attended FDP on “Applications of Artificial Intelligence and Machine Learning in Civil Engineering” at Dept. of Civil Engg., RVR&JC College of Engg., Guntur, Andrapradesh on 27<sup>th</sup> October to 25<sup>th</sup> October 2022.
- Dr. Chidananda G, Sri. Vagish M, Sri. G B Praveen Kumar, Smt. Sumana Y B, Smt. Shahabaz Hakeem, Smt. Priyanka N and Smt. Chetana Madhusudhana Prabhu visited “Intake Structure” at Mudenur Village and “Water treatment plant” at Ranebennur Taluk on 23<sup>rd</sup> November 2022.
- Dr. Chidananda G, Smt. Priyanka N, Smt. Chetana M P and Kum. Supriya X L attended FDP on “Python Programming” at IS&E Department, BIET, Davanagere on 12<sup>th</sup> to 14<sup>th</sup> December 2022.
- Dr. Basavana gowda S N presented paper entitled “Performance Evaluation of Alkali Activated slag based recycled aggregate Pervious Concrete” in the second international Conference on Construction Materials and Structures (ICCMS-2022) on 13<sup>th</sup> to 19<sup>th</sup> December, 2022.
- Sri. Sharathraj R M attended FDP on “Emerging Trends and Prospects in Geotechnical Engineering” at Department of Civil Engineering S G Balekundri Institute of Technology, Belagavi on 19<sup>th</sup> to 24<sup>th</sup> December 2022.
- Sri. G B Praveen Kumar and Kum. Supriya Xavier Lopes have qualified for Provisional Pre-Ph.D. registration under VTU.



**STUDENT AND PLACEMENT ACTIVITIES:**

- Final year UG students, Mr, Vijeth K S, Mr, M Harish Kumar, Mr, Mallikarjun G, and Ms. Ashalatha H T Completed the project guided by Dr. Chidananda G with title “An Experimental Study on Utilization of Sugarcane Bagasse Ash in the Production of Eco-Friendly Masonry Bricks”, was adjudged as Best Projects during “Project Exhibition: 2021-22” held at SSM Cultural Centre on 20<sup>th</sup> July 2022.
- Final year students, Mr, Naveen M Patil, Mr, Noor Jahan N H, Mr, Prabhudev H D, and Mr. Prasanna B Raikar Completed the project guided by Sri. M E Raghu with title “An Experimental Investigation of replacement of Cement by Fly ash with addition of polymer”, was adjudged as Best Projects during “Project Exhibition: 2021-22” held at SSM Cultural Centre on 20<sup>th</sup> July 2022.
- Second year BE students (2021-25 batch) underwent internship as per their curriculum from 12<sup>th</sup> October 2022 to 29<sup>th</sup> October 2022. Internship was coordinated by Sri. Savan R G Basavaraj and Sri. Satish G N. First phase (i.e. from 12<sup>th</sup> to 22<sup>th</sup>) on “Soft skills and Personality Development” was conducted by Innovations Unlimited Training Services, Bengaluru. During second phase (i.e. from 27<sup>th</sup> to 29<sup>th</sup>), technical talks and site visits were held by the department. Faculties of the department delivered the following technical talks.

Sl. No	Name of the Faculty	Topic of Technical Talk
1	Smt. Arpitha D J	Concrete Mechanism
2	Sri. Chandrasekhar A R	Building Materials
3	Sri. Chetan Gonni S	Valuation of Building using Recent Scheduled Rates

4	Sri. Nidarshana D P	Different Levels of Buildings
5	Sri. Savan R G Basavaraj	Structural Engineering
6	Sri. Supreeth	Introduction on Transportation Engineering

Site Visits were also made to

- Residential Building construction sites in Shiva Parvathi Layout.
- Annapurna Concrete Products Factory, Davangere.
- Devarabelekere Pick up weir



- As a Part of “Mission Amrit Sarovar- Jal Dharohar Sanrakshan Internship” launched by Government of India, students have collected and tested the water samples of Santebennur Pushkarani, under the supervision of Dr. Nanjundi Prabhu. Students are also preparing the posters/report having the details of water body, analysis, test results and actions to be taken to rejuvenate the water body.



**Placement details for the July 22 – Dec 22**

<b>Sl No</b>	<b>USN</b>	<b>Employer</b>	<b>Employee</b>	<b>Designation</b>
1	4BD18CV070	Mr. Sai Kumar H	Sobha Developers, Bengaluru	Trainee Engineer
2	4BD18CV057	Mr. Prabhudeva H D		
3	4BD20CSE03	Mr. Abhishek M S	HCL, Bengaluru	Trainee Engineer
4	4BD20CSE05	Mr. Darshan G P	Microland, Bengaluru	Trainee Engineer
5	4BD20CSE15	Mr. Nagaraj H K	ATTRA, Bengaluru	Trainee Engineer
6	4BD19CV052	Mr. Prerana V	Cognizant, Bengaluru	Trainee Engineer
7	4BD19CV009	Mr. Akshaya Kumara L M	Cognizant, Bengaluru	Trainee Engineer

- As a part of forum activities, Department conducted quiz and Debate competitions on 18<sup>th</sup> and 23<sup>rd</sup> November 2022, respectively to the Department students.

<b>Winners of the Competition</b>		
<b>Competition</b>	<b>Name of the Student</b>	<b>Remarks</b>
Quiz (V Sem)	Mr. Naveen S	Round 1 : Written test  Round 2 : Technical, Films and Rapid fire
	Mr. Manu K R	
	Mr. Darshan R	
	Ms.V R Nandini	
	Sinchana C S	
Debate (III Sem)	Mr. Ankush Pujar	Topic : Advantages and Disadvantages of Internet
	Mr. Shubhankar S S	
	Mr. Shashank B Reddy	
	Mr. Roshan J	
	Ms.Varshitha	
	Mr. Nandan	
Debate (VII Sem)	Soundarya N M	Topic : Online Class vs Offline class
	Ms.Arpitha B Patil	
	Ms.Madhushree U	
	Ms.Vijayalashmi	
	Mr. Harish S D	
	Mr. Channesh H Patel	



***Inauguration of Internship for final year BE students (2019-23 batch) on 5<sup>th</sup> September 2022.***



***Visits to various Construction sites during Internship.***



***Five days hands on training on “Advanced Total Station, Drone and Autoplotter” organized on 5<sup>th</sup> to 9<sup>th</sup> December 2022.***