



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

BIETECH VOICE
Newsletter of Civil Engineering Department

Volume – 7

Issue – 1

August 23 – December 23



Celebration of “Forum Inauguration 23-24”, Freshers’ day and “National Pollution Prevention Day” on 18th December 2023



Orientation program on “Sustainability in Construction using GGBS and Green Materials” in the Department on 27th September 2023.

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.

NEWSLETTER COMMITTEE

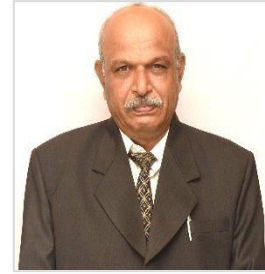
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From the Desk of HOD

Welcome to the Department of Civil Engineering, BIET Davangere. We, the Department of Civil Engineering, feel our enthusiasm to publish the Seventh 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.

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.

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

- Department successfully organized 3 days workshop on “Concrete Admixtures, Water proofing, Repair and Retrofitting Solutions” from 23rd to 25th of August 2023, in association with FOSROC (India) Pvt. Ltd., Institution of Engineers (I), Davanagere local centre and ISTE – BIET Chapter. Sri. Vamadev G B, Sri. Nagaraj B S and Sri. Vijay Kulkarni, of FOSROC, delivered the technical talks. Faculties of BIET, UBDTCE, GMT and PG students of BIET and UBDTCE attended the seminar.



- Indian Concrete Institute (ICI) admitted BIET as its Organizational Member w.e.f. June 2023. Dr. S Suresh, HOD, received the Organizational Membership Certificate from ICI President, Dr. V Ramachandra on 9th September 2023.
- Sri. Harshavarshan, FOSROC’s Technical Engineer, visited the Department on 14th September 2023 and carried out trial mixes for SCC of M45 grade required to fill steel square hollow sections of OPD block of JJM Medical College, Davanagere.



- In association with Institution of Engineers (I), Davanagere local centre, Department celebrated “Engineers’ day” on 20th September 2023. Er. Umesh N Patel, Retired Executive Engineer of KRIDL, graced the occasion as chief guest and addressed the gathering on the theme “Engineering innovation for a more resilient world”.



DEPARTMENTAL ACTIVITIES

- As a part of industry-institute interaction, Mr. Manoj M S, General Manager (North Karnataka), JSW cements, delivered a technical talk on “Sustainability in Construction using GGBS and Green Materials” in the Department on 27th September 2023. First year and final year BE students attended the technical talk. At the end of the presentation, students were issued with participation certificates. As a part of green initiative, JSW officials planted a Croton plant in the lawn of the department.



- As a part of internship (21INT58), Dr. Chidananda G delivered a talk on “Entrepreneurship” to 5th semester students on 16th and 17th November 2023. To practically understand the entrepreneurship in civil engineering, students visited paver block manufacturing unit, Fly ash bricks manufacturing unit and collected information on fixed costs, variable costs, sales cost, annual turnover, profit, MSME loans etc.



- “Savi Nenapu”, an offline Alumni meet of BIET students was organized by the Institute on 9th December 2023. About 30 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

DEPARTMENTAL ACTIVITIES

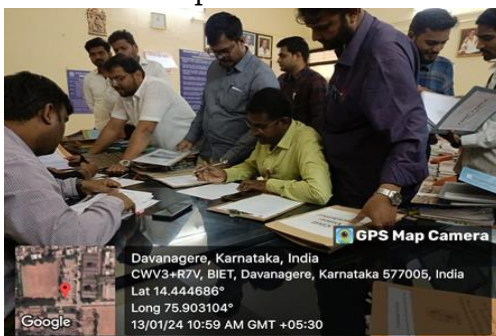
lend any sort of support / assistance / service to the Department through interaction with the students. Alumni also filled the feedback form. Institute felicitated proud alumnus of our department Sri. B V Jagadish who is presently working as Chief Engineer, PWD central zone, Shivamogga during Alumni meet.



- Department celebrated “Forum Inauguration 23-24”, Freshers’ day and also observed “National Pollution Prevention Day” on 18th December 2023. Dr. H Lakshmi Kantha, Davanagere Regional Officer, KSPCB graced the occasion as chief guest and addressed the students on importance of top layer soil for agriculture and suggested to avoid top fertile soil to manufacture bricks. Prizes were issued to the winners of quiz, debate and treasure hunt competitions and also to the toppers of academic year 2022-23.



- Internal academic audit of academic year 2022-23 was held on 13th January 2024. Dr. Arun Kumar Hiremath (CS&E) and Dr. Sreenivas B R (IS&E) checked the department’s files as per IQAC check list. Criterion coordinators noted down the valuable suggestions given by the evaluators to update the files and to improve on the weak areas.



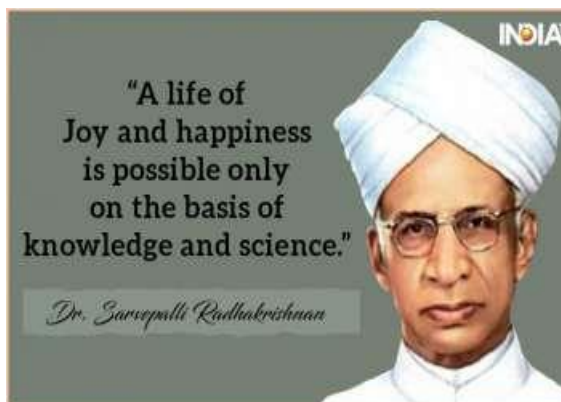
DEPARTMENTAL ACTIVITIES

- External academic audit of academic year 2022-23 was held on 30th January 2024. Auditing was done by, Dr. S K Prasad, Professor & Head of Civil, VVCE, Mysuru, Dr. S Raviraj, Professor of Civil, SJCE, Mysuru, Dr. G P Chandrdhara, Retired Professor, SJCE, Mysuru. Evaluators checked the documents as per IQAC check list and the valuable suggestions given by them are noted down.



- New Instruments / Apparatus Procured by the department during June 2023- December 2023.

Sl. No.	Name of the Instrument / Apparatus	Laboratory
1	Automatic soil compactor	Geotechnical engineering
2	Brick platen for CTM	Concrete and highway materials
3	Electric hot plate	Environmental engineering
4	Pestle and mortar	



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If you want to shine like a Sun, first burn like the Sun.

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FACULTY ACTIVITIES

- Sri. G B Praveen Kumar, Sri. Sharathraj R M and Sri. Supreeth attended one day FDP on “Data Analytics and Data Management”, on 7th July 2023 organized by Department of IS&E, BIET.
- Sri. A R Chandrashekar, Sri. Chetan S Gonni, Sri. Nidarshana D P and Sri. Supreeth Attended two days FDP on “Skill for Quality Research and Publications” from 8th to 6th September 2023 organized by Department of Mechanical Engineering, BIET.
- Following faculties of the Department cleared Online Certification Courses Offered by SWAYAM, MOOC platform of Govt. of India.

Sl. No.	Name of the Faculty	Title of the Course	SWAYAM's National Coordinator
1	Dr. Chidananda G	Innovation by Design	NPTEL
		Basic Instructional Method	NITTTR
		Building Materials and Composites	NPTEL
2	Sri. Sharathraj R M	Expansive Soil	NPTEL
		Geotechnical Engineering Laboratory	NPTEL
3	Smt. Sumana Y B & Smt. Priyanka N	Sustainable Engineering Concepts and Life Cycle Analysis	NPTEL
		Geotechnical Engineering Laboratory	NPTEL
4	Sri. Nidarshana D P	Design of Connections in Steel Structures	NPTEL
5	Sri. Supreeth	Research Methodology	NPTEL

- Research article titled “Experimental investigation on hybrid fibre reinforced Alkali activated concrete mixes” by Dr. Basavana Gowda S N is accepted for publication in ‘Material Today: Proceedings’, a Scopus Indexed Journal.
 - Kum. Ramya B V, Assistant Professor of the Department was relieved from service on 30.07.2023.
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FACULTY ACTIVITIES

- In 4x100 m relay competition organized by the institute for faculties on 30th August 2023, Sri. Sharathraj R M along with other department faculties secured first place and team of Sri. Praveen Kumar G B, Sri. Chetan S Gonni, Sri. Satish G N and Sri. Supreeth secured second place. Also, in 100 m running race, Sri. Shathraj R M secured first place.
- Dr. C P Anilakumar, Professor of the Department and Institute's Academic advisor delivered a talk on "Scheme of Teaching and Examination" to First Year BE Students as a part of "Students Induction Programme 23-24" on 11th September 2023.



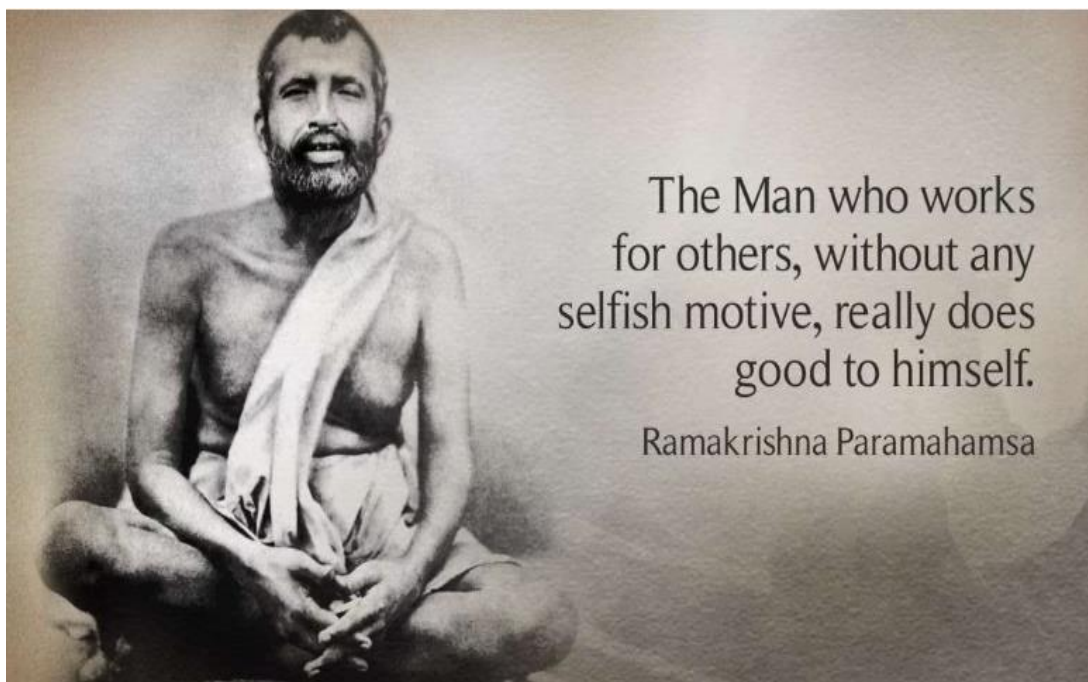
- HOD Dr. S Suresh is unanimously nominated as "Chairman" of Institution of Engineers (India), Davanagere local centre for 2023-25



- Research article titled "Studies on Performance and Micro Structural Characteristics of Self-healing Concrete" authored by Sri. A R Chandrashekar and Smt. Arpitha D J has been published in Volume 440 of Springer book titled "Lecture Notes in Civil Engineering". Research article titled "Floating Column Analysis using ETABS using Equivalent Static Analysis" authored by Sri. Satish G N and Prajwal N L has been published in Vol. 12 and Issue 12 of IJRSET Journal.
 - Sri. Nidarshana D P delivered an online talk on the topic "Innovation and Design Thinking Ideas in Steel Structures" to final year civil engineering students of Oxford College of Engineering, Bengaluru on 13th November 2023.
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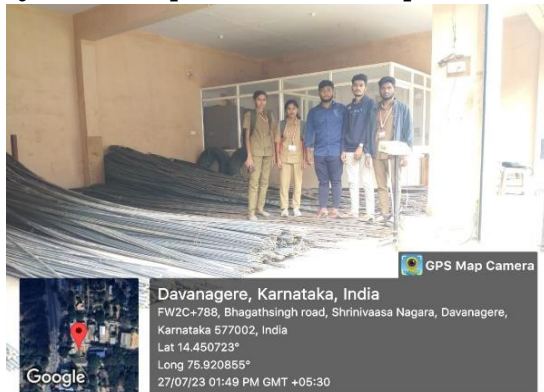
FACULTY ACTIVITIES

- Sri. Sharathraj R M attended one week ATAL FDP on the theme “Soil-Structure Interaction for Sustainable Infrastructure” organized by Department of Civil Engineering, SIT, Tumakur from 18th to 23rd December 2023.
- Dr. Basavana Gowda S N attended one-week short term online course on the theme “Sustainable and Durable Green Concrete-Future and Applications” from 18th to 22nd December 2023, organised by Department of Civil Engineering, Dr. B R Ambedkar National Institute of Technology, Jalandhar.



STUDENT ACTIVITES

- As a part of Internship, 2nd year lateral entry students (21-25 batch) have collected information on Constructions materials by visiting Sanitary ware shop, Paints & Hardware shop, Tiles & Granite shop, Sawmill, Glass & Plywood shop, TMT bars shop, Cement shop etc, on 28th July 2023.



- Gagan S, 4th semester BE Civil Engineering student (21-25 batch) has won silver medal in 73 kg category in VTU State Level Best Physique & Weight Lifting Competition held at Vemana Institute of Technology, Bengaluru on 1st and 2nd of September 2023.



- Under the mentorship of Sri. Chetan S Gonni and Sri. Supreeth, final year students : Neha G Vali, Rubaya Sultanana, Sadat S I, Sujith Akkera, Sumanth B C and Sumanth S Shetty presented on the theme "Smart automation" in internal hackathon competition organized by the Institute on 25th September 2023. Theme is selected and documents are uploaded for Smart India Hackathon 2023 competition.

STUDENT ACTIVITIES

- D G Bindu and Shravani G R of 2020-2024 batch are placed in AARBEE structures Pvt. Ltd, Bengaluru with a CTC of 3.20Lakhs.
- Students of 2020-24 batch students underwent Internship from 16th of August to 9th September 2023 at FPACE (Forum of Practicing Architects and Consulting Civil Engineers), Davanagere. During Internship, students interacted with the Mentors at their office, visited construction sites, RMC plants, KSRTC Bus Stop, APMC Yard, Barrage at Rajanahalli-Makanur, etc...Technical talks were also delivered by eminent resource persons to enhance the knowledge, attitude and skill level of students.



Inauguration of Internship 23-24



Dr. C M Ravikumar



Sri. G B Suresh Kumar



Dr. P Nanjundaswamy



Dr. G P Chandradhara



Er. Shanmukh



Dr. K Manjunath

STUDENT ACTIVITES



Sri. Supreeth

Technical Talks Delivered during Internship 23-24



Field Visits Held during Internship 23-24

- As a part of AICTE Activity Points Programme for social awareness, 4th semester students (2021-25 batch) were taken to Shiramagondanahalli village on 5th September 2023. Sri. Raghu M E, Smt. Sumana Y B, Sri. G B Praveen Kumar, Sri. Satish G N, Sri. Akash C Arakere and Sri. Sharathraj R M assisted the students during the programme.



- Kum. Tejaswini M, topper of 2019-23 BE batch was felicitated by the Institute on 21st October 2023 during 41st graduation day programme.



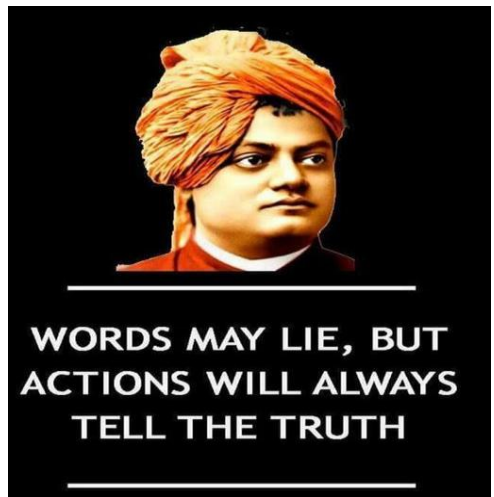
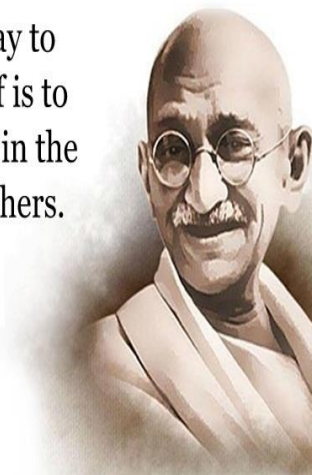
List of Faculties of Civil Engineering Department

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.), 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.	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
12.	Sri. Chetan S Gooni (Str. Engg), Asst. Prof	9663318444 chethangonnis@gmail.com
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

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	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.





“Engineers’ day” celebration on 20th September 2023



Kum. Tejaswini M, topper was felicitated by the Institute on 21st October 2023 during 41st graduation day programme.



Dr. S Suresh is unanimously nominated as “Chairman” of Institution of Engineers (India), Davanagere local centre for 2023-25



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