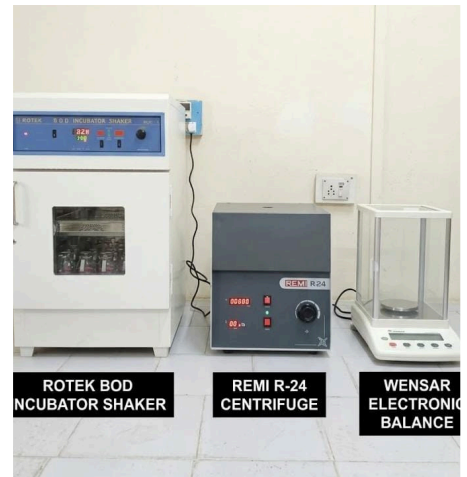




CIVIL INSIGHTS

Estd. 1963
BEC
Basaveshwar Engineering College
Bagalkote

March 2026



FEATURES

- New Equipment in the lab.
- LIC Committee Visit
- Expert talk
- Faculty Participation
- Achievement
- Upcoming Events
- Consultancy services

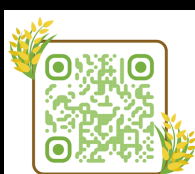


DEPARTMENT OF CIVIL ENGINEERING
NEWS LETTER - 6TH EDITION

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9448440295





Transportation Engineering Lab.



Dr. R. N. Herkal, DTE, BVVS Bagalkote, **Dr. B. R. Hiremath**, Principal, and **Prof. B. S. Haravi**, Development Officer, BEC Bagalkote, visited the Transportation Engineering Laboratory. The laboratory has been recently upgraded with advanced equipment worth ₹49,20,730/-, significantly enhancing practical learning and research facilities.

Key Aspects of the Balanced Loader Tester

Application: Performs Balanced Mix Design procedures (IDEAL-CT, IDEAL-RT, Indirect Tensile Strength, Semi-Circular Bend).

Capacity: 50 kN automatic electromechanical system.

Technology: Driven by a brushless motor with closed-loop control to ensure accurate testing without an external transducer.

Design: Wide two-column frame featuring an upper crossbeam with adjustable height to accommodate different accessories



Balanced Loader (50kN)

Automatic Electromechanical Universal Tester

Key Applications

Asphalt Mix Design: Fabricating samples to find the optimal balance of aggregate and binder.

Quality Control (QC/QA): Ensuring that asphalt produced at a plant matches the design specifications before it is laid on the road.

Performance Testing: Creating specimens for further tests like Marshall, fatigue, or cracking resistance.

Other Materials: Specialized models are used for Roller-Compacted Concrete (RCC) or no-slump concrete.



Gyratory Compactor

Lab Incharge : Dr. S. F. Chitragar

Concrete Technology Lab.



Concrete Pan Mixer

Pan Volume: 40 Ltrs.

Dimensions: 900 X 1000 X 1300mm

Mixing Capacity: 80-100 kg of concrete.



Hot air oven -Digital

60X60X250cm

Temperature range 50 - 300 °C

Chamber Volume 95L



Concrete Mixer

Tilting Drum Type



Vibrating Table-100x100cm

Load up to 250 kg.

The laboratory has been recently upgraded with equipments

Lab Incharge : Prof. Kiran Koraddi

Fluid Mechanics & Hydraulics Lab



The Department of Civil Engineering, BEC Bagalkote, has procured new Fluid Mechanics Laboratory equipment worth **₹4,70,230** to enhance practical learning and experimental facilities for students.

The newly purchased equipment includes:

- Experimental setup for Performance Test on Centrifugal Pump
- Experimental setup for Performance Test on Pelton Wheel Turbine
- Experimental setup for determining the Hydraulic Coefficient of Vertical Orifice Meter

These additions will strengthen hands-on training and improve the quality of laboratory instruction in Fluid Mechanics.

Lab Incharge: Dr. G. B. Megeri

We build not just structures, but the foundation of society.

Environmental Engineering Lab



New laboratory equipment has been installed in the Environmental Engineering Lab for the VGST project KSTePS/VGST/2023-24/KFIST Level-1/GRD-1213, the Environmental Engineering Lab has been upgraded with a Kemi Autoclave, Incubator Shaker, and Laminar Air Flow unit at a total cost of ₹4,73,652.00.

Dr. Jayalatha N. A. (PI) and Dr. G. B. Megeri (Co-PI)

LIC Visit in the Department



The Local Inquiry Committee (LIC) Chairman, **Dr. Demian D'Mello** from Canara Engineering College, Mangaluru, conducted its inspection on 10.03.2026 at the Department of Civil Engineering at Basaveshwar Engineering College (BEC) in Bagalkote. The evaluators expressed high satisfaction with the modernized laboratory facilities and commended the faculty for their strong academic credentials, the high percentage of Ph.D holders.

Every question is a step toward knowledge and confidence.



Expert Talk



The Institution's Innovation Council (IIC 8.0), in association with the Association of Civil Engineering, Basaveshwar Engineering College, Bagalkote, organized an expert talk on **"Innovation and Start-up Opportunities in Carbon Capture"** on Tuesday, 14th February 2026, at the Gallery Hall.

The session was delivered by **Prof. Prosenjit Ghosh, IISc, Bangalore**, who shared his expertise on emerging technologies and entrepreneurial opportunities in the field of carbon capture. He highlighted the importance of sustainable engineering solutions and encouraged students to explore innovative ideas addressing environmental challenges.

Coordinators: **Dr. Bharati S. Meti, Coordinator & HOD**, and **Dr. Santosh Malkapur**

Dr. S. M. Malkapur were invited to review a manuscript for SPRINGER NATURE Journal of Umm Al-Quara University for Engineering and Architecture.



"Welcoming the builders of tomorrow."

Faculty Development Program attended



Dr. S. B. Heggond has successfully completed Five Days (Online) Faculty Development Programme on “Innovations Shaping the Future of Civil Engineering” organized by Department of Civil Engineering, Anand-ICE, Jaipur from 09-03-2026 to 13-03-2026.

Prof. Manjunath Y. M., has successfully completed the one week Online Faculty Development Program on “Artificial Intelligence & Machine Learning Applications in Civil Engineering”, organized by the Department of Civil Engineering, Sir M. Visvesvaraya Institute of Technology, Bengaluru during 23-03-2026 to 27-03-2026.



Achievements



First-year students of Civil Engineering won the **3rd Prize** in the Project exhibition competition held on 28.02.2026 on the eve of National Science Day 2026.

Mentor: Dr. S. M. Malkapur

Student team :

- 1 Pramod D
- 2 Pramod N
- 3 Prathviraj
- 4 Praveen H
- 5 Preeti R
- 6 Pruthviraj C

Congratulations to the winners

For their prototype,

Innovative river cleaning bot



The Third Year Civil Engineering students actively participated in Stickspan bridge making competition, an event organised by Indian Institute of Science (IISc), Bengaluru

Achievements:

1st Prize -

1) D Kiran

2) Abhilash D Madar

3) Kiran Katti

3rd Prize -

1) Chandrakant

2) Abhishek G Pawar

3) Shivam M Petakar

Achievements

Dr. Adarsh Chatra and his M.Tech (GTE) student **Ms. Sujatha L** have been awarded the **BEST M.TECH THESIS** by Indian Geotechnical Society, Bengaluru Chapter at Indian Institute of Science, Bengaluru. The award was presented by **Prof.G. Madavi Latha** along with a cash prize of Rs. 10,000/-.



GRADUATE APTITUDE TEST IN ENGINEERING 2026 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा 2026 Organizing Institute : INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI SCORE CARD	
	Name of the Candidate: VIKRAM METI
	Name of the Parent/Guardian: SAROJA METI
	Registration Number: CE26SS1340066
	Date of Birth: March 10, 2003
	Test Paper: Civil Engineering (CE)
Date of Examination: February 14, 2026	
GATE Score: 572	
Marks out of 100: 50.73	
	All India Rank (AIR) in the test paper: 1963
	Qualifying Marks General: 28.7
	EWS/OBC-NCL: 25.8
	SC/ST/PwD: 19.1
Number of candidates appeared for the test paper: 76385	
This Score Card is valid up to 31 st March 2029 Prof. Manabendra Sarma Organizing Chairperson, GATE 2026 On behalf of NCB-GATE, Ministry of Education	

Hearty Congratulations to Mr. Vikram Meti, a student who qualified and scoring 50.73 marks with an all-India ranking of **1963** in **GATE 2026**.

GRADUATE APTITUDE TEST IN ENGINEERING 2026 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा 2026 Organizing Institute : INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI SCORE CARD		GRADUATE APTITUDE TEST IN ENGINEERING 2026 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा 2026 Organizing Institute : INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI SCORE CARD	
	Name of the Candidate: MANJUNATH MUNENAKOPPA		Name of the Candidate: VENKATESH S PUJARI
	Name of the Parent/Guardian: YALLAPPA MUNENAKOPPA		Name of the Parent/Guardian: SHREESHAIL T PUJARI
	Registration Number: CE26SS1300399		Registration Number: CE26SS1300399
	Date of Birth: August 30, 1988		Date of Birth: July 20, 2003
	Test Paper: Civil Engineering (CE)		Test Paper: Civil Engineering (CE)
Date of Examination: February 14, 2026		Date of Examination: February 14, 2026	
GATE Score: 353		GATE Score: 266	
Marks out of 100: 29.02		Marks out of 100: 20.42	
	All India Rank (AIR) in the test paper: 9396		All India Rank (AIR) in the test paper: 19732
	Qualifying Marks General: 28.7		Qualifying Marks General: 28.7
	EWS/OBC-NCL: 25.8		EWS/OBC-NCL: 25.8
	SC/ST/PwD: 19.1		SC/ST/PwD: 19.1
Number of candidates appeared for the test paper: 76385		Number of candidates appeared for the test paper: 76385	
This Score Card is valid up to 31 st March 2029 Prof. Manabendra Sarma Organizing Chairperson, GATE 2026 On behalf of NCB-GATE, Ministry of Education		This Score Card is valid up to 31 st March 2029 Prof. Manabendra Sarma Organizing Chairperson, GATE 2026 On behalf of NCB-GATE, Ministry of Education	

Hearty Congratulations to Prof. Manjunath Y. M., Assistant Professor, and **Mr. Venkatesh Pujar**, a final year student for qualifying in **GATE 2026**.



Hearty Congratulations to Ms. Shweta Waladoddy & Ms. Laxmi Hokrani who have been selected by Annvesta Company

UPCOMING EVENTS

- Poster Presentation competition under BIS Student chapter 07/04/2026
- Software training program for Third year students by Medini Technologies, Bengaluru

Institute Vision & Mission

Vision

"To be an institution of excellence in education, research and innovation for sustainable future"

Mission

- Develop globally competent professionals for future talent requirements.
- Nurture a culture of research, Innovation and entrepreneurship.
- Promote collaborations, extension and outreach programs for addressing industrial and societal needs.
- Imbibe moral and ethical values.
- Foster ecological and environmental consciousness.

Department Vision & Mission

Vision

"To be a center of excellence in teaching, research, and innovation, shaping globally competent Civil Engineers toward the sustainable development of society"

Mission

- Provide a student-centric learning environment, cultivating critical thinking and problem-solving skills in aspiring Civil Engineers.
- Promote collaborative research and innovation to address societal and industrial challenges.
- Imbibe a strong sense of ethics, social responsibility, and environmental consciousness.
- Encourage entrepreneurship and provide comprehensive consultancy services.



The Department of Civil Engineering operates well-equipped laboratories offering Construction Materials Testing, Soil Testing, Water Quality testing, Surveying, Design, Detailing, Third party inspection and Non-Destructive Testing (NDT) services, supporting academic activities, research, consultancy, and quality assessment for industry and infrastructure projects.



Structural integrity and safety certification visit to Shri Sai International Public School, Bilagi, Dist. Bagalkote by **Dr. S. B. Heggond**

Non-Destructive Testing (NDT) at the Nayak Education Association, Muddebihal. Utilizing Rebound Hammer technology, our team assessed the compressive strength of critical RC members. by **Prof. Manjunath Y. M.**



3rd party investigation of construction of series of Bandhara for Naayihalla and its connecting nala flowing from BB Ingalagi to Binjalabhavi village in Talikote taluk of Vijayapur District. Under minor irrigation department on 20-03-2026 by **Prof. S. A. Kambli**

SCAN ME



Zero tolerance to ragging!
A firm NO in any form!

STUDENTS GRIEVANCE REDRESSAL

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Dr. S. B. Heggond	Editor
Dr. S. F. Chitragar	Member

Strength, safety, and sustainability define Civil Engineering Excellence.