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Editorial Board

Dr. M. M. Hanamasagar Chief Editor
Dr. S. B. Heggon Editor
Dr. S. F. Chitragar Member

About the College

Basaveshwar Engineering College (BEC), Bagalkote is undergoing unswerving growth since 1963. It is started as a private institute with only three engineering programs viz., Civil, Mechanical and Electrical Engineering and came into government grant in-aid code from 1968. Today, the institute offers 11 undergraduate and 6 post graduate programs with 10 departments recognized as R&D centers by VTU, Belagavi. It is a matter of pride for BEC to be placed in the rank band of 201-250 and 150-300 at all India level for the year 2019-20 and 2021-2022 respectively by the National Institutional Ranking Framework (NIRF) of MHRD, New Delhi. The selection of BEC under Technical Education Quality Improvement Program (TEQIP-I, 2004-2009) of MHRD, New Delhi was onset of new era in the history of BEC. The TEQIP grant of Rs.40.13 crores was effectively utilized for scaling up UG programs, PG programs and R&D activities. The BEC was granted academic autonomy from UGC, New Delhi in 2007. The core values of the institution emphasize on teaching-learning, research and administrative processes. Hence, to stimulate the academic environment for promotion of quality, the BEC looks forward for academic audit by National level bodies of engineering education.



From Director's Desk



Dr. R. N. Herkal

It is heartening to witness the launch of the Department of Civil Engineering Newsletter for the academic year 2023-24 at Basaveshwar Engineering College, Bagalkot. This initiative marks a significant step towards fostering knowledge dissemination, innovation and collaboration within the academic and professional spheres of Civil Engineering. Civil Engineering is the backbone of infrastructure development, playing a vital role in nation-building, sustainability and technological progress. This newsletter will serve as a valuable platform to showcase various departmental activities, student achievements, faculty contributions and events organized. It will highlight seminars, workshops, guest lectures, technical competitions, industrial visits, research initiatives, community outreach programs and collaborative projects. It will also encourage critical thinking, problem-solving and creativity among aspiring engineers. I extend my best wishes to the faculty, students and editorial team for this commendable effort. May this newsletter inspire knowledge-sharing, promote academic excellence and strengthen industry-academia collaboration.

From Principal's Desk



Dr. Basavaraj R Hiremath

It gives me immense pleasure to announce the launch of the Department of Civil Engineering Newsletter for the academic year 2023-24 at Basaveshwar Engineering College, Bagalkote. This initiative serves as a platform to showcase the department's achievements, innovations and contributions while fostering creativity and knowledge-sharing amongst the students and the faculty. Civil Engineering plays a crucial role in shaping the world around us and this newsletter will highlight the latest advancements, research and success stories of the department. I encourage all the students and the faculty members to actively participate and contribute their insights, ideas and creative works. Wishing the Department of Civil Engineering a great success in this endeavor.

From Head of Department Desk



Dr. M. M. Hanamasagar

As we continue to navigate the ever-evolving landscape of engineering education, I am proud to reflect on the numerous achievements and milestones our Department has accomplished. Our Department remains committed to fostering a culture of innovation, collaboration and excellence. I commend our students, faculty and staff for their tireless efforts in pursuit of knowledge, research and community service. In this newsletter, we celebrate our successes, share stories of inspiration and highlight upcoming events that showcase our Department's vibrant spirit. Thank you for your continued support and dedication.



Basaveshwar Engineering College, Bagalkote

Department of Civil Engineering

Vission

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

Mission

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

About the Department



The Civil Engineering Department (CED) is one of the pioneering departments ever since the inception of the college in 1963. The department is unremittingly engaged in imparting quality education, producing outstanding graduates to meet the societal needs through its qualified faculty and state-of-art infrastructure. Department offers 4 years BE course with 120 intake and 2 years M.Tech courses in Environmental Engineering, Geo-Technical Engineering and Structural Engineering with 18 in take in each course. Department is recognized as a Research Centre by VTU since 2003 and as QIP Research Centre (Ph.D) by AICTE New Delhi in the year 2012. The department is recognized as a State Resource Centre to offer training in Earthquake Engineering under National Programme for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM). The CED has organized conferences, seminars, workshops and fetched research grants worth Rs. 163 Lakhs. The department provides consultancy services for various Government and Private Agencies.

List of faculties in the Department

	Dr. R. N. Herkal Ph.D (IISc) Professor and Technical Director, BVVS, Bagalkote Specialization: Geotech. Engg Teaching Experience: 42 years		Dr. B. R. Hiremath Ph.D (IIT Kgp) Principal Specialization: Env. Engg. Teaching Experience: 32 years
	Dr. M. M. Hanamasagar Ph.D (IISc) Associate Professor and HoD Specialization: Str. Engg Teaching Experience: 29 years		Prof. B. S. Haravi Associate Professor and Development Officer Specialization: Str. Engg Teaching Experience: 40 years
	Dr. S. F. Chitrakar Ph.D (VTU) Assistant Professor Specialization: Transp. Engg Teaching Experience: 18 years		Dr. S. H. Sanni Ph.D (VTU) Associate Professor Specialization: Str. Engg Teaching Experience: 25 years
	Prof. P. S. Bangarashetti M.Tech (IITM) Assistant Professor Specialization: Engg. Mechanics Teaching Experience: 39 years		Prof. S. M. Kalagudi M.Phil (KUD) Associate Professor Specialization: Geology Teaching Experience: 26 years
	Dr. S. M. Malkapur Ph.D (NITK) Professor Specialization: Str. Engg Teaching Experience: 10 years		Dr. G. B. Megeri Ph.D (VTU) Associate Professor Specialization: Env. Engg Teaching Experience: 26 years
	Dr. B. S. Meti Ph.D (VTU) Associate Professor Specialization: WRE Teaching Experience: 18 years Field Experience: 17 years		Prof. G. S. Hiremath M.Tech (VTU) Assistant Professor Deputed for PhD at IITH Specialization: Str. Engg Teaching Experience: 13 year
	Prof. S. A. Kambali M.Tech (VTU) Assistant Professor Specialization: Str. Engg Teaching Experience: 19 years		Dr. A. S. Chatra Ph.D (IITM) Associate Professor Specialization: Geotech. Engg Teaching Experience: 6 years

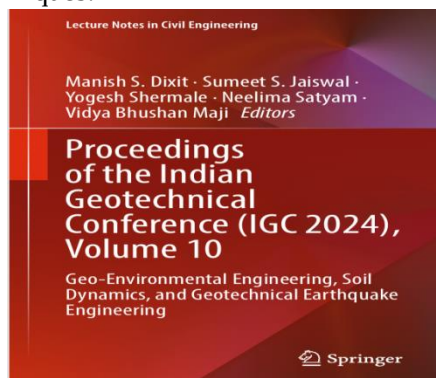
	Prof. G. R. Patil M.Tech (VTU) Assistant Professor Specialization: Geotech. Engg Teaching Experience: 10 years		Prof. G. H. Bandihal M.Tech (VTU) Assistant Professor Specialization: Geoinformatics Teaching Experience: 15 years
	Dr. Jayalatha N. A. Ph.D (NITK) Assistant Professor Specialization: Env. Engg Teaching Experience: 4 years		Prof. S. M. Shringeri M.Tech (VTU) Assistant Professor Specialization: Geotech. Engg Teaching Experience: 8 years
	Dr. S. B. Heggond Ph.D (NIU) Associate Professor Specialization: Str. Engg Teaching Experience: 11 years		Prof. M. Y. Munenakoppa M.Tech (NITA) Assistant Professor Specialization: Str. Engg Teaching Experience: 7 years
	Prof. R. H. Baragani M.Tech (VTU) Assistant Professor Specialization: Str. Engg Teaching Experience: 11 years		Prof. B. A. Patil M.Tech (VTU) Assistant Professor Specialization: Str. Engg Teaching Experience: 9 years
	Prof. Kiran Koraddi M.Tech (VTU) Assistant Professor Specialization: Str. Engg Teaching Experience: 19 years		Prof. S. B. Chiniwalar M.Tech (VTU) Assistant Professor Specialization: Str. Engg Teaching Experience: 1 years Industry Experience: 6 Years
	Prof. Deepak Sajjanavar M.Tech (VTU) Assistant Professor Specialization: Env. Engg Teaching Experience: 3 years		Prof. K. B. Kenchakanavar M.Tech (RVCEB) Assistant Professor Specialization: Highway Tech. Teaching Experience: 14 years

Faculty/Staff achievements

1. **Dr. S. F. Chitrakar**, S. Balreddy, Aman Patil, R. Nadagouda Prasanna, and Nivedihta Madinur, presented a research paper titled “*Design and Performance Evaluation of Asphalt Mixes using Recycled Asphalt Pavement (RAP) for Ecological Sustainability*” at the Transportation Research Efforts for Ecological Sustainability (TREES 2025) conference held on 24–25 October 2025, organized by the Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in association with CSIR–Central Road Research Institute (CRRI), New Delhi.



2. **Prof. Seema Shringeri** and **Ramesh Biradar** have contributed a book chapter published in the Proceedings of the Indian Geotechnical Conference (IGC 2024), Volume 10. Chapter Title: “*Assessment of Pre- and Post-Liquefaction Behavior of Sand Treated with Fly Ash Using Cyclic Triaxial*” This research presents valuable insights into the liquefaction characteristics of fly ash-treated sands, contributing to sustainable geotechnical engineering practices and ground improvement techniques.



3. **Prof. Kiran Koraddi** delivered a technical talk on “*Concrete Care and Utilisation*” on 15th September 2025, at an event organized by the Association of Civil Engineers (R), Bagalkote and KPCEA–Steering Consortium, Bengaluru at Hotel Haripriya, Navanagar, Bagalkote. The session provided valuable insights into effective concrete practices, emphasizing durability, sustainability, and innovative approaches in civil engineering construction.



Student Achievements

Ms. Shambhavi and Ms. Shreya Kalasad, students of the Department of Civil Engineering, presented a project titled 'Microbial Fuel Cells' under the guidance of Dr. Jayalatha N. A. at the District-level Yuvajanotsava 2025–26, organized by the Department of Youth Empowerment and Sports, Government of Karnataka, held at Navanagar, Bagalkote, on 15th and 16th October 2025.



Workshops/Seminars/Training programs

1. **The Department of Civil Engineering**, Basaveshwar Engineering College, Bagalkote, in collaboration with UltraTech Cement Ltd., successfully organized a One-Day Training Programme on New Products (USHA Training Program) on Waterproofing and Tile Adhesive Applications. This initiative aimed to enhance the technical knowledge of local contractors and professionals through expert sessions, live demonstrations, and hands-on insights into advanced construction materials and sustainable building solutions.

Date: 12th September 2025, Venue: Mechanical department Seminar hall, BEC, BGK

Participants: 40+ contractors



2. The Department of Civil Engineering, Basaveshwar Engineering College, Bagalkote, successfully organized a Continuing Education Program (CEP) for working professional engineers on “*Soil Mechanics and Testing for Roads, Buildings, Canal Embankments, and Irrigation Structures*” from 8th to 12th September 2025. This program was coordinated by Prof. G. R. Patil and Prof. Seema Shringeri, aiming to strengthen practical knowledge and technical competencies in geotechnical investigations and soil behavior essential for infrastructure development. The sessions included expert lectures, laboratory demonstrations, and discussions on real-time engineering challenges, bridging the gap between field practice and academic learning.



Technical Visit

The Department of Civil Engineering, Basaveshwar Engineering College, Bagalkote, organized an industrial visit on 16th October 2025 to Vijaypur Airport and Almatti Dam.

A total of 104 students — including 62 final-year and 42 third-year Civil Engineering students participated in the visit, accompanied by four faculty members from the department.

The visit provided valuable insights into airport infrastructure development, dam engineering, and project management practices. Students gained hands-on exposure to large-scale Civil Engineering projects, enhancing their understanding of real-world applications of classroom learning.

Such experiential learning opportunities play a crucial role in bridging the gap between theory and practice.



Vijayapura Airport



Almatti Dam

Third-Year Civil Engineering students of Basaveshwar Engineering College, Bagalkote, visited the Water Treatment Plant, Gaddankeri Cross as part of their technical tour.

The visit provided students with valuable insights into water treatment processes, plant operation, and distribution systems, bridging the gap between classroom learning and real-world engineering practice. Such experiential learning opportunities enhance students' understanding of sustainable water management and infrastructure systems.



Employee milestones

Dr. S. F. Chitrakar and Dr. Jayalatha N. A. have received Recognition as Research Supervisor from Visvesvaraya Technological University, Belagavi on 29/10/2025.

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