

Nashik Gramin Shikshan Prasarak Mandal's

Brahma Valley College of Engineering & Research Institute, Nashik



BRAHMA BULLETIN

"Igniting Minds, Inspiring Futures"



NEWSLETTER

2024-25 Volume 1 Issue 1





President's Desk



Mr. Rajaram D. Pangavhane-Patil
Founder President
Nashik Gramin Shikshan Prasark
Mandal, Nashik

Heartiest welcome to Brahma Valley College of Engineering & Research Institute. Our aim of starting this Institute is to facilitate the best quality education for all. We intend to impart education which will make students physically fit, mentally alert, intellectually capable, emotionally balanced, socially responsible and morally forthright. During their Endeavour we will motivate them to strive hard to achieve their goals and teach them to be self reliant and confident person.

Student and staff are the member of Nashik Gramin Shikshan Prasarak Mandals family and we include basic human, national values in our students and try to make them responsible citizens.

General Secretay's Desk

As the General Secretary of Nashik Gramin Shikshan Prasarak Mandal's, I extend a warm welcome to all. Our institution stands as a beacon of knowledge, innovation, and growth, and I am proud of the progress we've made together. Let us continue to foster an environment where academic excellence, creativity, and personal development thrive. I encourage everyone to actively engage in all aspects of campus life, work collaboratively, and contribute to the vibrant spirit of our community. Together, we can achieve greater heights and create a future of success and fulfillment for each one of us.



Mr. Gaurav R. Pangavhane-Patil
General Secretary
Nashik Gramin Shikshan Prasark
Mandal, Nashik

Vice President's Desk



Dr. Dhanisha G. Pangavhane- Patil
Vice President
Nashik Gramin Shikshan Prasark
Mandal, Nashik

As the Vice President of Nashik Gramin Shikshan Prasarak Mandal's, it is my privilege to welcome you all .

Our college has always been a place of excellence, innovation, and collaboration, where each individual's growth is nurtured with care and dedication. Let's continue to foster an environment that challenges us to excel, encourages creativity, and builds a strong sense of community. I urge all of you to make the most of the opportunities presented to you, whether in academics, co-curricular activities, or personal development, and work together to take our institution to greater heights





About College

Brahma Valley College of Engineering & Research Institute (BVCOE&RI) is a well-established educational institution that offers quality education in the field of engineering and technology. Located in the serene and inspiring surroundings of the Brahma Valley, Brahma Valley Educational Campus is located in the outskirts of Anjaneri, (Trimbakeshwar High-Way Nashik) comprising a sprawling campus of about 35 acres land. Our campus is situated in the valley surrounded by hills & reflects the beauty of nature. This place is also known as the birth place of Lord Hanuman and is close to Trimbakeshwar Temple which is one of the 12 Jyotirlingas of Lord Shiva which adds to the holiness and beauty of this area.

Education at BVCOE&RI has never been a business venture, but a noble profession. We believe that dedication, hard work and professionalism invariably produce positive results.

Brahma Valley College of Engineering & Research Institute, Nashik is one of the best upcoming technical institutions under the Savitribai Phule Pune University, Pune offering four years Undergraduate degree courses in Civil, Computer, Mechanical and Electrical Engineering and one Postgraduate degree course in MBA incepted by the foundation in the year 2007-08. It has very strong Industry Institute Partnership Cell for skilling the students on various value addition courses in association with industries like Siemens India and Bosch.

Key Highlights:

- **Academic Excellence**
- **State-of-the-Art Infrastructure**
- **Industry Collaborations**
- **Holistic Development**
- **Research & Innovation**
- **Placement Support**
- **Social Responsibility**





Principal Desk



Dr. H.N. Kudal
Principal
NGSPM's Brahma
Valley COE & RI,
Nashik

Brahma Valley College of Engineering & Research Institute is an institute of high repute, where students pursue global learning and cutting edge technologies in a wide spectrum of discipline ranging from conventional engineering to ever changing newer technologies.

We at Brahma Valley COE & RI offer our students the traditional degree programs in Mechanical, Civil, Computer, Electrical Engineering and MBA. We firmly believe that, though the informatics age is expanding in leaps and bounds, the manufacturing and development programs will still continue to require the dependable traditional engineering strengths.

Therefore, we give equal importance to these programs as well. Internationally, the industries and the academic work in close harmony, so as to allow the students to transcend from classroom to the shop floor. Thus, the students gain the much needed hands on experience, while, undergoing the degree programs. Here, we enrich and add value to our programs, by closely coordinating with the industry. We are confident that, by closely networking with the industry, we are able to offer, Engineering professional of high quality, to the society, nation and globally at large. Our motto is to produce not only an efficient and expert engineer but a trust worthy citizen as well, to lead our nation to dignity and prosperity.

Editor's Desk



Mr. Bhagatsingh E. Rajput
Asst. Professor
Department of Civil
Engg.
NGSPM's Brahma
Valley COE & RI,
Nashik

The **Brahma Bulletin** serves as a testament to the vibrant pulse of our college – a space where we celebrate achievements, share knowledge, and keep the spirit of curiosity alive. From academic milestones to research breakthroughs, from campus events to student success stories, this newsletter encapsulates the heart of Brahma Valley COE & RI.

However, this newsletter is also a valuable tool for bolstering morale, promoting unity, team spirit, motivating and rewarding achievements of BVCOE&RI, Nashik. As we move forward, let us continue to foster a culture of collaboration, innovation, and integrity. Together, we can shape a future where ideas turn into solutions and where every challenge is an opportunity to grow





To create a center of excellence in the field of Technical Education by Holistically Developing future engineers, Technocrats, Achievers having the right knowledge, skills and attitudes towards profession and life.



To impart education to students to become the best Professional minds and entrepreneurs of today who will lead their activities successfully. To provide environment which fastens continuous improvement and innovation with desired support and facilities to enhance student learning and faculty effectiveness. To provide facilities for Personality grooming, physical fitness and strong sense of social and environment responsibility.





Event Organized

BrahmaTech 2025

A Fusion of Innovation & Competition

Innovation. Competition. Camaraderie.

Brahma Valley College of Engineering proudly hosted another successful edition of BrahmaTech – a two-day celebration of technical prowess, creativity, and engineering excellence on 5th & 6th March 2025. With overwhelming participation and an energetic atmosphere, Brahma Tech 2025 proved once again why it's one of the most anticipated events in the student tech calendar.

The inauguration of Brahma Tech 2025, a national technical competition, at Brahma Valley College of Engineering was held by Mr. Rajeev Joshi, General Manager of CEAT Tyres Ltd.

A total of 765 students from various branches of engineering and technology colleges participated in this event. Every year, the college organizes Brahma Tech, a technical competition that primarily offers engineering students an opportunity to present their projects. The competition includes project competitions, CAD Wars, bridge making, game zones, poster competitions, quiz competitions, and box cricket, all of which received an overwhelming response from the students.

While guiding the students, Rajeev Joshi emphasized the importance of bridging the gap between academic curriculum and the needs of the industry. Also present at the event were Mr. Aseem Joshi, Deputy General Manager of CEAT Tyres Ltd., Mr. Vishnu Nair, General Manager of the Institute of CAD Technology, and Ms. Swati Kakad.





Event Organized

Mega Placement Drive 2025



The Mega Campus Placement Drive for Engineering, MBA, and Polytechnic students at Brahma Valley Engineering College organized on 4th April 2025. The companies participating in this drive included Kanchan Infrastructure, ABL Infrastructure, Civil Tech for Civil Engineering students, WNS, Netwin, and Viton for Computer Engineering and MBA students, CTR Manufacturing for Electrical and Mechanical Engineering Students and DIEHL India Pvt. Ltd., Bedmutha Group of Industries, Seva Automotive for Mechanical Engineering Students. Students from the districts of Nashik, Nagar, Dhule, Jalgaon, and Pune participated in large numbers. During the drive total 334 students participated from which 108 Students are placed.





NSS Camp



Under the National Service Scheme (NSS), the students of Brahma Valley College of Engineering undertook various community service activities during their residential NSS camp of 7 days from 30 January 2025 to 05 February 2025. As part of the initiative, students carried out cleaning and sanitation activities in and around the village temple. They also distributed Mahaprasad (community meal) to the devotees visiting the temple.

At the Zilla Parishad Primary School, Talegaon, several educational and awareness activities were conducted by the NSS volunteers. Various competitions were organized in the school. The aim of these competitions was to promote the holistic development of the students. Prizes were distributed which included notebooks, pencils, pens, and other educational materials. These were distributed by the professors and NSS volunteers.

Additionally, outside the village near the canal area, the students collected stones and soil and constructed a small bund using a specific technique under the “Pani Aadva – Pani Jirva” (water conservation) campaign.

The NSS team also visited the Aarogyavardhini Sub-Center at Talegaon and supported the National Tuberculosis (TB) Elimination Program as part of the TB Mukta Bharat Abhiyan. Through door-to-door visits, the team conducted awareness campaigns to educate villagers about TB under the slogan “TB HAREGA – Desh Jitega” (TB will lose – the Nation will win).

A detailed population survey was carried out covering men, women, children, literates, and employed individuals to spread health awareness.

Over the course of the seven-day residential NSS camp, various impactful activities were carried out, including: Expert lectures, Shramdan (voluntary physical labor), Educational material distribution to school children, Mahaprasad distribution, Street plays for awareness, Village-wide surveys, Free eye check-up camps.

The camp concluded with a Free Eye Check-up Camp conducted by Birla Eye Hospital's specialist doctors.





Best Practices Initiative by Institute

Brahma Valley College of Engineering & Research Institute (BVCOE&RI), Anjaneri, Nashik, has consistently demonstrated its commitment to social responsibility through various outreach initiatives. One of the institute's most impactful best practices is its awareness and guidance program for students in tribal areas and Ashram Schools.

Objective:

- To bridge the gap between education and underprivileged communities by: Encouraging tribal children to pursue education
- Providing career guidance to help them visualize a better future
- Promoting awareness of opportunities available in science, technology, and engineering

Key Activities:

- **Awareness Sessions:** Faculty and NSS volunteers visit tribal hamlets and ashram schools to explain the importance of education, especially in STEM fields.
- **Career Guidance Workshops:** Tailored sessions are conducted to help students understand various career paths, vocational training, and higher education opportunities.
- **Interactive Learning:** Hands-on activities and storytelling methods are used to make learning enjoyable and relatable for younger students..

Impact:

This initiative has significantly boosted awareness and interest in education among tribal students. It fosters confidence, curiosity, and clarity in young minds, enabling them to aspire for higher studies and professional careers.





Brahmotsav 2k25

Sanskriti • Kala • Krida

“**Brahmotsav 2025**” is the annual cultural, arts, and sports fest of Brahma Valley College of Engineering and Research Institute, a grand celebration of youth talent, innovation, and tradition. This year’s theme, “Sanskriti • Kala • Krida”, reflects our commitment to blending heritage with creativity, art with technology, and sportsmanship with spirit.

The festival is a vibrant platform for students to showcase their skills, express creativity, and foster team spirit through a wide range of cultural programs, artistic competitions, and sporting events.

Key Highlights:

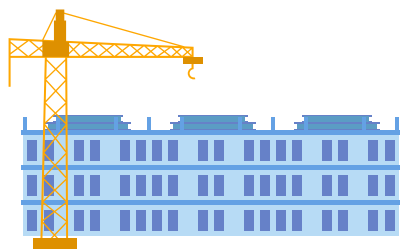
- 🎭 Kala – Cultural Performances: Dance, Drama, Singing, Fashion Show
- 🎨 Sanskriti – Traditional Art Forms, Folk Performances
- 🏏 Krida – Sports Competitions: Cricket, Volleyball, Kabaddi, Chess, Carrom
- 🎤 Open Stage Events: Antakshari, Mimicry, Stand-Up, Rap Battles
- 🏆 Valedictory Function: Prize Distribution

Objective:

- To nurture students' co-curricular potential alongside academics
- To promote Indian culture and values through creative expression
- To build teamwork, leadership, and holistic development
- To encourage participation across all branches and years

The festival will feature renowned artists, alumni achievers, and sports personalities, alongside student-led performances that highlight the vibrant talent within our campus.





Industrial Visits



 **08 October 2024**

 **Nilgiribaag WTP,
Nashik**

An industrial Visit for TE Civil Engg. students was organized for the subject Water Supply Engineering by Mr. Bhagatsingh E. Rajput at Nilgiri Baag Water Treatment Plant, Nashik. The aim of an industrial visit to a water treatment plant is to provide hands-on knowledge of water purification processes and infrastructure. It helps students understand the design, operation, and management of water treatment systems in real-world scenarios



 **23 October 2024**

 **Green Building,
PWD, Nashik**

An industrial Visit for SE Civil Engg. students was organized for the subject Building Technology and Architectural Planning by Mr. Vivek K. Kulkarni at Green Building of PWD, Nashik. The aim of an industrial visit to a Green building is to expose them to sustainable construction practices, energy-efficient technologies, and eco-friendly materials. It provides practical insights into integrating sustainability into civil engineering projects.



 **23 October 2024**

 **MERI, CDO-MERI
Colony, Nashik**

An industrial Visit for SE Civil Engg. students was organized for the subject Fluid Mechanics by Mr. Bhagatsingh E. Rajput at Maharashtra Engineering Research Institute, Nashik. The aim of visit to study the various disciplines of civil engineering like soil mechanics, construction material studies, testing, highway, coastal, remote sensing & GIS, seismology, hydraulic model studies, reservoir sedimentation studies etc.



Industrial Visits



 **23 October 2024**

 **Jalvidnyan Bhavan,
Nashik**

An industrial Visit for TE Civil Engg. students was organized for the subject Hydrology & Water Resource Engg by Mr. Vivek K. Kulkarni at Metrological Station, Jalvidnyan Bhavan, Nashik. The aim of an industrial visit to a meteorological station is to familiarize them with weather data collection and analysis. It helps students understand how meteorological information influences civil engineering design, construction, and planning.



 **28 October 2024**

 **Kimaya Steel,
Dhakambe, Nashik**

An industrial Visit for TE Civil Engg. students was organized for the subject Design of Steel Structures by Mr. Krishma M. Dumbre at Kimaya Steel, Nashik. The aim of an industrial visit to a steel structure is to provide practical insights into the design, fabrication, and construction of steel structures. It helps students understand the material properties, construction techniques, and safety standards involved in steel-based construction.



 **17 October 2024**

 **Vilholi,
Nashik**

An industrial Visit for BE Civil Engg. students was organized for the subject Transportation Engg by Mr. Kiran G. Sasane at Pawar Patkar Hot Mix Plant, Nashik. The aim of an industrial visit to a hot mix plant is to provide practical exposure to the production and mixing of asphalt for road construction. It helps students understand the processes, machinery, and quality control involved in asphalt manufacturing.



Industrial Visits



 **20 March 2025**

 **Shreeji Lifespace,
Govindnagar Nashik**

An industrial Visit for BE Civil Engg. students was organized for the subject Quantity Surveying Contracts & Tenders by Mr. Bhagatsingh E. Rajput at Shreeji Life Space, Nashik. The aim of the visit is to familiarize them with the process of planning, calculating, and detailing reinforcement bars for construction projects. This visit helps students understand the practical aspects of reinforcement detailing and its importance in ensuring structural integrity.



 **20 March 2025**

 **Shreeji Lifespace,
Govindnagar Nashik**

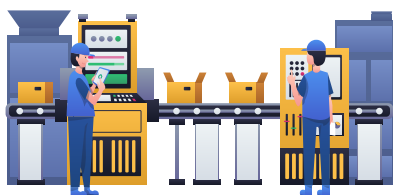
An industrial Visit for TE Civil Engg. students was organized for the subject Design of RC Structures by Mr. Kiran G. Sasane at Shreeji Life Space, Nashik. The aim of the visit is to provide practical exposure to the real-world application of reinforced concrete structures and enhance their understanding of design principles through firsthand observation. This visit aims to bridge the gap between theoretical knowledge and industry practices in structural engineering.



 **20 March 2025**

 **Gangapur Dam,
Nashik**

An industrial Visit for BE Civil Engg. students was organized for the subject Dams & Hydraulic Structures by Mr. Bhagatsingh E. Rajput at Gangapur Dam, Nashik. The aim of the visit is to provide civil engineering students with practical insights into the design, construction, and maintenance of earthen dams and to enhance students' understanding of the challenges and considerations involved in sustainable water resource management and infrastructure.



 **01 April 2025**

 **70 MLD STP,
Agartakli, Nashik**

An industrial Visit for TE Civil Engg. students was organized for the subject Waste Water Engg by Mr. Pravin D. Daware at 70 MLD STP, Nashik. The aim of the visit is to provide hands-on exposure to the processes and technologies involved in wastewater treatment and management. This visit helps students understand the environmental and engineering aspects of maintaining sustainable water quality in urban infrastructure.



 **08 April 2025**

 **MSRTC Divisional
Workshop, Nashik**

An industrial Visit for SE Mechanical Engg. students was organized for the subject Applied Thermodynamics by Mr. Gokul Jeughale at MSRTC Divisional Workshop, Nashik. The aim of the MSRTC Divisional Workshop visit is to understand the maintenance, servicing, and overhauling of heavy vehicles. It also provides practical exposure to automotive systems, workshop tools, and industrial safety practices.







 **10 April 2025**

 **Nilgiribaag WTP,
Nashik**

An industrial Visit for SE Mechanical Engg. students was organized for the subject Fluid Mechanics by Mr. Ajay U. Dhumal at Nilgiri Baag Water Treatment Plant, Nashik. The aim of the water treatment plant visit is to understand the practical applications of fluid mechanics and mechanical systems in water purification processes. It also helps students gain insights into real-world operation, maintenance, and design aspects of treatment plants.



FDP/STTP/Workshop




Photo	Staff Name	Date	FDP/STTP/Workshop
	Mr. Bhagatsingh E. Rajput	06/01/2025 to 11/01/2025	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Sustainable Smart Cities: Integrating Technology and Infrastructure
	Mr. Pradeep R. Pingale	27/01/2025 to 01/02/2025	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Smart Manufacturing Xperience : Navigating the future of Industry 4.0
	Mr. Kiran S. Shivade	27/01/2025 to 01/02/2025	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Smart Manufacturing Xperience : Navigating the future of Industry 4.0
	Mr. Bhagatsingh E. Rajput	January 2025 to April 2025 (12 Weeks)	NPTEL-AICTE Faculty Development Programme on Air Pollution & Control by IIT Madras





**Publication
in
Conference
and Journal**

By Staff

Photo	Author Name	Title	Journal/Conference
	Dr. H.N. Kudal	Experimental Investigation on Mechanical Property analysis of long and short fiber glass	International Journal of Green Materials, Emerald Publishing, ISSN 2049-1220, E- ISSN 2049-1239, Cite Score 2022 4.4, Scopus Vol 12, No.04
	Dr. H.N. Kudal	A study on testing techniques and their consequences on Excavator Engine hood durability	Journal of Mines, Metals and fuels, 73 (3): 529-543: 2015
	Dr. Santosh H. Pawar	An Investigation on End Milling behaviour of glass fiber reinforced polymer composites	AIP Conference Proceedings 3178(1)

By Students

Author Name	Title	Journal/ Conference
Lalit D. Hirey, Tejas M. Pawar, Yogesh N. Ahire, Abhijit S. Pimpare	Adjustable Double Disc Lapping Machine	International Research Journal of Engineering and Technology, Volume 12 Issue:05, May 2025
Abhishek Mali, Sanjay Chitte, Sachin Patil, Bhagvan Pawar, Prof. Dilip D. Patil, Dr. S.H. Pawar	Design & Development of a Fixture for Valve Bodies on Vertical Turning Lathes(VTLS)	International Journal of Engineering Applied Sciences and Technology, Vol 10, Issue 01, Pages 159-163, May 2025
Mr. Mahesh R. Aher, Mr. Shubham D. Bari, Mr. Rohan R. Dande, Mr. Ramdas S. Bahiram, Prof. K.S. Shivade, Dr. S.H. Pawar	Design and Development of a Pollution Monitoring System using Carbon & Oxygen Sensors with Arduino Nano	International Journal of Research Publication & Reviews, Vol 6, Issue 6, PP 5435-5439, June 2025





Staff's Achievements



Mr. Bhagatsingh Eknath Rajput, Assistant Professor from Civil Engineering department has Successfully completed his **SWAYAM Course in Air Pollution and Control with Elite Certification**



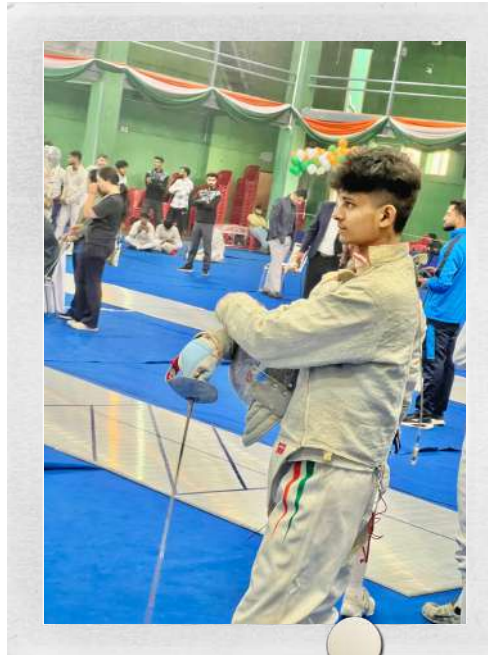
Dr. Shinde Shirish Narayan, Assistant Professor from Mechanical Engineering Department has Successfully defended **Ph.D.**



Student's Achievements



Mr. Prabhat V. Charaskar, a Second-Year Civil Engineering student of Brahma Valley College of Engineering & Research Institute, Nashik, has Participated in the Inter-Zonal Weightlifting competition from Nashik District Zone.



Mr. Dhruv Swapnil Torne, a Third-Year Civil Engineering student of Brahma Valley College of Engineering & Research Institute, Nashik, has won the **Bronze Medal** in the Inter-Zonal Fencing competition. He has also been selected to represent in the upcoming All India Inter-University Championship held in Jammu and Kashmir.



2024-25

Placement Glimpses



Name : Abhijit Deore
Branch : Mechanical Engineering
Company Name: Elrond MEP
Package: 8.2 LPA



Name : Khatib Arshin Saba Wasim
Branch : Computer Engineering
Company Name: Computer Hub IT Solutions
Package: 8 LPA



Name : Umesh Deore
Branch : MBA
Company Name: N J Engineering
Package: 5.5LPA



Name : Akash Gawali
Branch : Civil Engineering
Company Name: Wise Realtors
Package: 3.5LPA



EDITORIAL BOARD



DR. SANTOSH H. PAWAR
CHIEF EDITOR



**MR. BHAGAT SINGH E.
RAJPUT**
EDITOR

This is for private circulation and only soft copies of this newsletter is available for circulation among stakeholders of BVCOE&RI like alumni, industry, students and their parents.

This newsletter has covered all the events which organized in and by Brahma Valley College of Engineering & Research Institute, Nashik.

We are here going to invite suggestions, feedback any query for improvement in future newsletter, if any with warm regards.