BABU BANARASI DAS
INSTITUTE OF TECHNOLOGY
AND MANAGEMENT, LUCKNOW

VIKAS CHAKRA-7.0

2025-26

Prepared by :

DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW







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BBDITM

VIKAS CHAKRA7.0



2025-2026

Babu Banarasi Das Institute of Technology & Management (BBDITM) Affiliated with Dr. A.P.J. Abdul Kalam Technical University

Prepared By

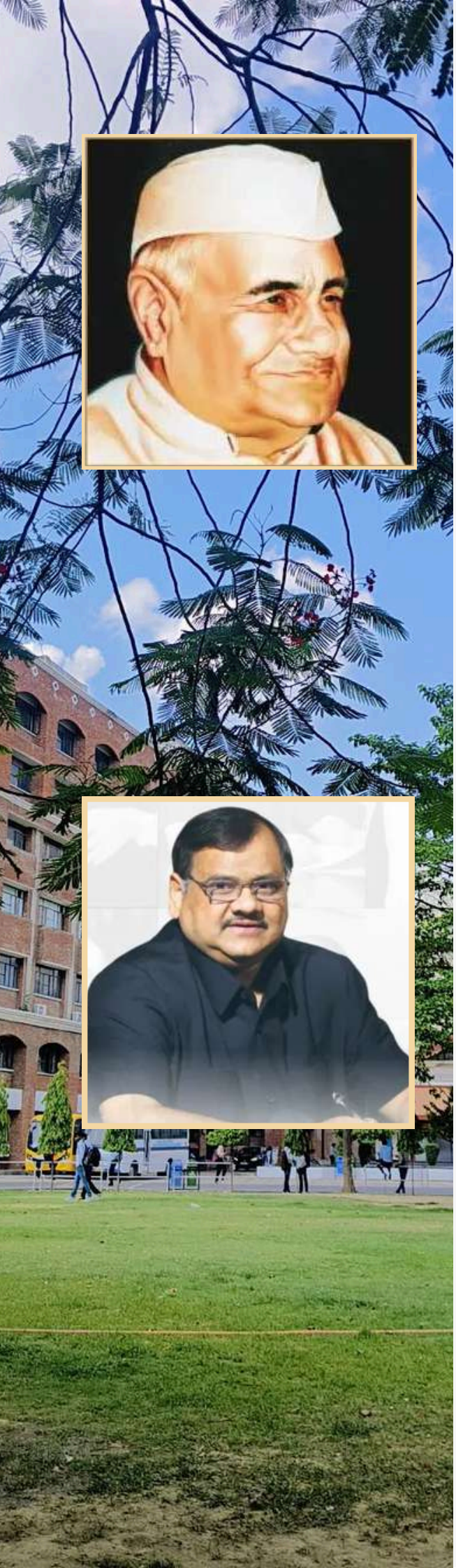
BBDITM CIVIL DEPT.

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HON'BLE BABU BANARASI DAS JI

(1912–1985)

Former Chief Minister of Uttar Pradesh, he was an Indian freedom fighter, educationist, and statesman who made significant contributions to the national movement and the development of democratic institutions after independence. Born in Uttar Pradesh, he was deeply influenced by the ideals of nationalism, social reform, education, and democratic governance.

HON'BLE DR. AKHILESH DAS GUPTA

MBA, LL.B, Ph.D. Former Member of Parliament (Rajya Sabha)
Hon'ble Founder Chairman,
BBD Educational Society

We not only make technocrats at BBD, we churn out citizens of the world, perfect in all respects in all respects, be it leadership, compe-tence, confidence, communication, moral or knowledge.

HON'BLE MRS. ALKA DAS



MBA, LL.B. Chairperson, BBD Educational Group

lady with spirit, determination and zeal, Mrs. Alka Das has been the driving force behind her husband Dr. Akhilesh Das.
She is the daughter of Late Justice D. P. Gupta, who held high positions in the State of Rajasthan, as its Governor and Chief Justice. She was brought up on Gandhian ideals and philanthropic traditions.



HON'BLE MR. VIRAJ SAGAR DAS

President – BBD Educational Group
Pro Chancellor – BBD University
Vice- President, Badminton Association of India President, Uttar Pradesh Olympic Association

HON'BLE
MS. SONAKSHI DAS



Vice President,
BBD Educational Society



HON'BLE
MRS. DEVANSHI DAS

Vice President,
BBD Educational Society ,
Director, ADGS

MESSAGE FROM DIRECTOR



PROF. (DR.) PRATUL ARVIND
DIRECTOR
BBDITM, LUCKNOW

It gives me immense pleasure to present the Institute Magazine for the academic session 2025–26. This publication is not merely a collection of achievements and memories, but a reflection of the ideas, values, dedication, and collective efforts of our students, faculty members, and staff. It portrays the vibrant academic culture and the spirit of innovation that continue to define Babu Banarasi Das Institute of Technology & Management, Lucknow.

At our institution, we firmly believe that education is not merely the acquisition of knowledge but the holistic development of individuals capable of addressing real-world challenges. Guided by the principles of Outcome-Based Education (OBE), we continuously strive to ensure that our students develop the knowledge, skills, attitudes, and professional competencies required to excel in their careers and contribute meaningfully to society.

I congratulate the editorial team for their sincere efforts in bringing out this edition of the Institute Magazine. I also appreciate the achievements of our students, faculty members, and staff whose contributions have added new dimensions to the growth and reputation of our Institute.

This magazine serves as a source of inspiration and motivation for all readers. Let us continue to work together with commitment, creativity, and integrity to transform BBDITM into a centre of excellence in education, research, innovation, entrepreneurship, and sustainable development.

MESSAGE FROM ASST. DIRECTOR



PROF. (DR.) ANURAG TIWARI
ASSISTANT DIRECTOR
BBDITM, LUCKNOW

It gives me immense pleasure to present the Magazine 2025-26, a reflection of the remarkable achievements, innovations, and experiences of our students and faculty members throughout the academic year.

At our institution, we firmly believe that education is not merely the acquisition of knowledge but the holistic development of individuals capable of addressing real-world challenges. Guided by the principles of Outcome-Based Education (OBE), we continuously strive to ensure that our students develop the knowledge, skills, attitudes, and professional competencies required to excel in their careers and contribute meaningfully to society.

This magazine beautifully captures the collective efforts of our students, faculty, alumni, and staff in academics, research, innovation, sports, cultural activities, entrepreneurship, and community service. Each achievement reflects their dedication, creativity, and commitment to excellence.

I sincerely congratulate the Editorial Team and all contributors for their valuable efforts in bringing this publication to life. May this magazine inspire us all to embrace new ideas, pursue excellence, and contribute towards a better and sustainable future.

I extend my best wishes to all our students for continued success in their academic and professional endeavors.

MESSAGE FROM H.O.D



DR. SUPRIYA PHURAILATPAM
HEAD,
DEPARTMENT OF CIVIL ENGG.
BBDITM, LUCKNOW

Welcome to the Department of Civil Engineering at Babu Banarasi Das Institute of Technology and Management (BBDITM)—where heritage converges with cutting-edge innovation to shape the built environment of tomorrow.

As a foundational pillar of engineering, Civil Engineering drives the design, development, and maintenance of the infrastructure that underpins modern society. Our mission is to cultivate future-ready engineers who pair technical mastery with ethical responsibility and environmental stewardship.

At BBDITM, students benefit from a strong academic foundation under Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, supported by modern laboratories, industry-oriented learning, and personality development initiatives.

Our students have consistently achieved outstanding results at AKTU, earning gold, silver, and bronze medals, reflecting their dedication and the guidance of our experienced faculty.

Beyond academics, the department encourages innovation, leadership, technical activities, and community engagement, providing students with opportunities to grow both professionally and personally.
Together, we are building a future that stands strong—just like the structures we design.

MESSAGE FROM DESK OF EDITOR



MR. ASHWANI KUMAR PANDEY
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING BBDITM, LUCKNOW

Dear Reader,

It gives us great pleasure to bring you the Second edition of "VIKAS CHAKRA 7.0" , the departmental magazine of Civil Engineering, BBDITM, Lucknow. The name and fame of an institute depends on the caliber and achievements of the students and teachers. The role of a teacher is to be a facilitator in nurturing the skills and talents of students. This magazine is a platform to exhibit the literary skills and innovative ideas of teachers and students.

VIKAS CHAKRA 7.0 presents the achievements of students and contributions of teachers. We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We profusely thank the management for giving support and encouragement and a free hand in this endeavor. Last but not the least we are thankful to all the authors who have sent their articles. We truly hope that the pages that follow will make an interesting read.

It has been a wonderful experience to work with the editorial team and to see the creations taking shape. The enthusiasm, especially among students has been fantastic. I thank you all for your contribution. Let this be the beginning and I hope it become a early event.

EDITORIAL BOARD

EDITORIAL COMMITTEE :



Mr. Ashwani Kumar Pandey



Mr. Abhay Yadav



Mrs. Shruti Singh Bisen

DESIGN AND DRAFTING:



Ravi Shankar
3rd Year, CE
2400540009010



Yuvraj Singh
3rd Year, CE
2300540000055



Astha Shukla
2nd Year, CE
2400540000019



Anurag Sharma
2nd Year, CE
2400540000016



Anjali Tripathi
2nd Year, CE
2400540000012

DEPARTMENT OF CIVIL ENGINEERING



The Department of Civil Engineering at Babu Banarasi Das National Institute of Technology and Management (BBDNITM), Lucknow was established with the vision of providing quality technical education and developing skilled professionals in the field of civil engineering. The department focuses on building a strong academic foundation while preparing students to meet the changing needs of the construction and infrastructure sector.

The department offers comprehensive learning in areas such as Structural Engineering, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Water Resources, Surveying, and Construction Management. Students gain practical exposure through well-equipped laboratories, field visits, workshops, internships, projects, and modern engineering software. Experienced faculty members guide students in academics, research, innovation, and professional development.

The department aims to produce competent, ethical, and industry-ready civil engineers capable of contributing to sustainable infrastructure development. Students are encouraged to develop technical knowledge, problem-solving abilities, teamwork, communication skills, and leadership qualities. Graduates can pursue opportunities in construction companies, government departments, infrastructure organizations, consultancy firms, PSUs, research, higher education, and entrepreneurship, contributing to the development of society and the nation.

VISION OF INSTITUTE

- To become a leading institute of providing professionally competent and socially responsive technocrats with high moral values.

- To produce globally competent and socially responsible technocrats and entrepreneurs who can develop innovative solutions to meet the challenges of 21st century.

MISSION OF INSTITUTE

- To create an eco-system for dissemination of technical knowledge, to achieve academic excellence.

- To develop technocrats with creative skills and leadership qualities, to solve local and global challenges.

- To impart human values and ethics in students, to make them socially and Eco-friendly responsible.



2025

VISION OF DEPARTMENT

- To impart academic excellence in Civil Engineering field with emphasis on holistic development of the professional, while inculcating ethics, socially and professionally responsive technocrats.

MISSION OF DEPARTMENT

- To provide a comprehensive platform for the academic expertise and proficiency.
- To develop Civil Engineering professionals with creative skills and leadership qualities in order to face regional and global challenges.
- To develop ethics in students in order to promote socially responsible environmental awareness with innovative thinking.

2025



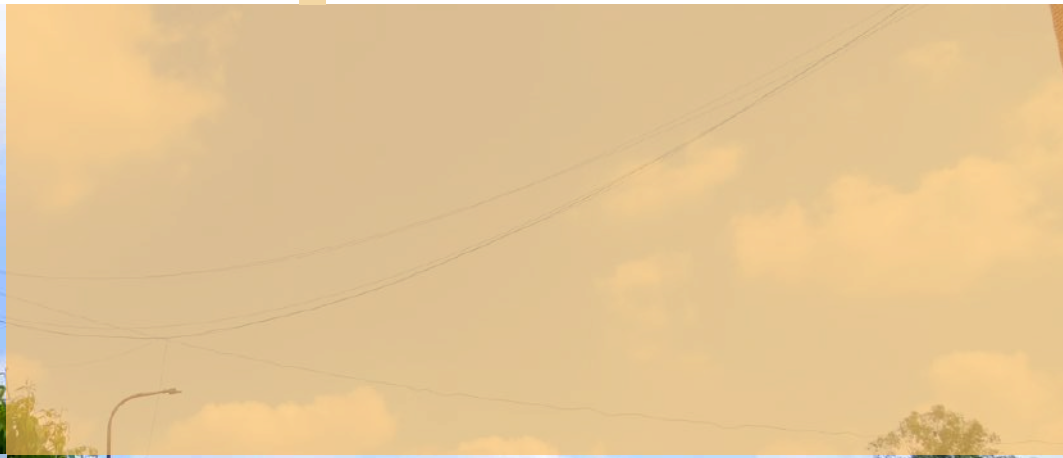
Program Educational Objectives (PEOs)

- PEO 1: To enhance skill and expertise in field of Civil Engineering with aim of boosting employability and entrepreneurship.
- PEO 2: To develop multidisciplinary approach of Civil Engineering system with lifelong learning solutions.
- PEO 3: To develop the potential to pursue higher education and research in field of Civil Engineering.

Program Specific Outcomes(PSOs)

- PSO 1: Graduates shall be able to apply critical thinking in research, design, analysis and implementation of Civil Engineering problems.
- PSO 2: Graduates shall be able to inculcate the idea of sustainability in engineering solution to meet real world challenges.









DEPARTMENT ACHIEVEMENTS

GOLD MEDALIST



Pratiksha Maddheshiya
(2023)



Chandra Bhushan Verma
(2021)



Siddhant Singh Sengar
(2013)

SILVER MEDALIST



Bhavana Dwivedi
(2017)



Yashwant Singh Yadav
(2016)



Subhi Srivastava
(2015)

AKTU RANK HOLDER



Suchita
(2024)
BRONZE MEDAL



Faizan Ahmad
(2020)
BRONZE MEDAL



Satyam Vishwakarma
(2025)
6TH POSITION



Vishal Kanaujiya
(2020)
6TH POSITION

FACULTY ACHIEVEMENT



DR. SUPRIYA PHURAILATPAM
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW

A. Research Papers in Journals

- Published/co-authored 5 research papers in journals covering sustainable construction materials, municipal incinerated ash, air-quality dispersion modelling using AERMOD, structural design, and river-atlas preparation.
- Key recent publication: Synthesis of Eco-friendly Alkali-Activated Bricks Using Municipal Incinerated Ash (2026).

B. Events Organized as Organizing Secretary and Coordinator

- Served as Coordinator/Organising Committee Member for academic, technical, FDP, and community outreach programmes.
- Coordinated the expert session “Start-up Landscape in India: Policy Support, Market Expansion and Long-Term Sustainability” (2025).

C. Events Attended

- Participated in 19 Faculty Development Programmes, seminars, workshops, professional development and training programmes/webinars.
- Participated in the Water Harvesting, Storage and Conservation Workshop at IIT Kanpur.

D. Extra Activities

- Convenor, Grievance Redressal Committee (GRC), BBDITM.
- Coordinator, IIRS Outreach Programmes, BBDITM.

E. Books Authored

- Phurailatpam, S. (2018). Essentials of Chemistry. AAA Publications, New Delhi.

PROF. D.S.RAY
B.E, M.TECH(I I T/K),MBA,FIE(I), FIV(I),LMIRC,MIWWA, CE(RTD) UP PWD,



1. **Research & Publications**

- Published/co-authored 23 research papers, including 7 Scopus-indexed papers, in pavement engineering, soil stabilization, bituminous materials, transportation and sustainable construction.
- Research focuses on sustainable pavement materials, geotechnical engineering and infrastructure development.
- B. Events Organized
- Organized/coordinated Guest Lectures and Special Lectures on Green Building and Rigid Pavement Design.
- Coordinated various technical and academic activities in Civil Engineering.

1. **Events & Professional Development**

- Participated in numerous workshops, seminars, FDPs and technical programmes related to Green Building, Pavement Design, Advanced Materials, Renewable Energy and Engineering Technology.
- Participated in industrial visits and educational tours and contributed to Road Safety awareness programmes.

1. **Professional Achievements**

- Holds approximately 30 years of Civil Engineering experience, including UP PWD and UP Housing & Development Board.
- Guided M.Tech research scholars and holds memberships in major professional bodies including IE(I), IRC and IWWA.
- Honoured with Rashtriya Gaurav Award, Best Citizen of India, Vikas Ratna and Bharat Jyoti Award.



MR. MOHD AQUIB
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW

1. **Events Attended**

- Participated in a 5-Day Online Faculty Development Programme on “Agentic AI and PEGA: Practical Foundations”, organized by Babu Banarasi Das University, Lucknow, from 16 to 20 June 2025.
- Participated in a 5-Day Faculty Development Programme on “Energy-Efficient Infrastructure and IoT-Integrated Sustainable Systems”, organized by Jahangirabad Educational Trust Group of Institutions, Lucknow, from 28 May to 1 June 2025.
- Participated in an FDP on “Innovation and Entrepreneurship” at Innovation Hub, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, organized by AICTE and Ministry of Education’s Innovation Cell (MIC), from 25 to 29 March 2025.
- Participated in a 1-Week Faculty Development Programme on “Recent Trends in Civil and Mechanical Engineering”, organized by the Department of Civil and Mechanical Engineering, from 9 to 14 September 2024.
- Participated in an FDP on Building Information Modelling (BIM), jointly organized by Autodesk, NICMAR Delhi-NCR Campus, and TATA Projects, supported by SW Systems, from 24 to 29 March 2025.
- Participated in an International Faculty Development Programme on “Computational Techniques and Simulation for Engineering Applications”, organized by Amity School of Engineering & Technology, Amity University, Lucknow, from 2 to 6 June 2025.

1. **Extra Activities**

- Lab Coordinator, Quantity Estimation and Management Lab
- Mentor of Section CE-21
- Coordinator of Sports in Utkarsh



MRS. SHRUTI SINGH BISEN
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW

1. **Events Organized as Organizing Secretary and Coordinator**

- Contributed as Co-Cordinator 1 week FDP on "Recent Trends in Civil and Mechanical Engineering", organized by civil and Mechanical engineering department, BBDITM, during 9th -14 September, 2024.

2. **Events Attended**

- i. Participated in Short Term Course on "Emerging Trends in Environmental Engineering for Sustainable Development (ESTED-2025)", HBTU, Kanpur (20–24 Jan 2025).
- Participated in 5-Day FDP on "Agentic AI and PEGA: Practical Foundations", BBD University, IEEE CIS & RVS Computing Research Circle (16–20 Jun 2025).
- Participated in 5-Day FDP on "Building Information Modelling (BIM)", Autodesk, NICMAR Delhi-NCR & Tata Projects (24–29 Mar 2025).
- Participated in 5-Day FDP on "Computational Techniques and Simulation for Engineering Applications (CTSEA-2025)", Amity University, Lucknow (02–06 Jun 2025).
- Participated in 5-Day FDP on "Innovation and Entrepreneurship", AKTU Innovation Hub, in association with AICTE & MIC (25–29 Mar 2025).

3. **Extra Activities (Responsibility, Any Achievements and membership)**

- Coordinator In charge, 2nd Year
- Departmental Web cell Coordinator
- Lab Coordinator, CAD lab
- Lab Coordinator, Hydraulics & Hydraulic Machine lab
- Mentor of Section CE-23

MR. MOHIT CHOUBEY
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW



- **Events Organized as Organizing Secretary and Coordinator**
- Contributed as *Co-Cordinator 1 week FDP on "Recent Trends in Civil and Mechanical Engineering*", organized by civil and Mechanical engineering department, BBDITM, during 9th -14 September, 2024.

- **Events Attended**
- Participated in Short Term Course on "Emerging Trends in Environmental Engineering for Sustainable Development (ESTED-2025)", HBTU, Kanpur (20–24 Jan 2025).
- Participated in FDP on "Agentic AI and PEGA: Practical Foundations", BBD University, IEEE CIS & RVS Computing Research Circle (16–20 Jun 2025).
- Participated in FDP on "Building Information Modelling (BIM)", Autodesk, NICMAR Delhi-NCR & Tata Projects (24–29 Mar 2025).
- Participated in FDP on "Computational Techniques and Simulation for Engineering Applications (CTSEA-2025)", Amity University, Lucknow (02–06 Jun 2025).
- Participated in FDP on "Innovation and Entrepreneurship", AKTU Innovation Hub, in association with AICTE & MIC (25–29 Mar 2025).
- Participated in FDP on "Recent Trends in Civil and Mechanical Engineering", BBDITM (09–14 Sep 2024).

- **Extra Activities (Responsibility, Any Achievements and membership)**
- Coordinator In charge, 2nd Year
- Departmental Web cell Coordinator
- Lab Coordinator, CAD lab
- Lab Coordinator, Hydraulics & Hydraulic Machine lab
- Mentor of Section CE-23



MR. AVINASH KUMAR UPADHYAY
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW

1. **Events Organized as Organizing Secretary and Coordinator**

- Contributed as Co-Cordinator 1 week FDP on "Recent Trends in Civil and Mechanical Engineering", organized by civil and Mechanical engineering department, BBDITM, during 9th -14 September, 2024.

2. **Events Attended**

- Participated in One-Week Short Term Course on "Emerging Trends in Environmental Engineering for Sustainable Development (ESTED-2025)", HBTU, Kanpur (20–24 Jan 2025).
- Participated in 5-Day Faculty Development Programme on "Agentic AI and PEGA: Practical Foundations", BBD University, IEEE CIS & RVS Computing Research Circle (16–20 Jun 2025).
- Participated in 5-Day Faculty Development Programme on "BIM", Autodesk, NICMAR Delhi-NCR Campus & Tata Projects (24–29 Mar 2025).
- Participated in 5-Day Faculty Development Programme on "Computational Techniques and Simulation for Engineering Applications (CTSEA-2025)", Amity University, Lucknow (02–06 Jun 2025).
- Participated in 5-Day Faculty Development Programme on "Innovation and Entrepreneurship", AKTU Innovation Hub, in association with AICTE & MIC (25–29 Mar 2025).

3. **Extra Activities (Responsibility, Any Achievements and membership)**

- Coordinator In charge E-Leaning NPTEL
- Lab Coordinator, Structural Detailing
- Startup Activity Coordinator
- Mentor of Section CE3

MS. KAJAL SINGH
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
BBDITM, LUCKNOW



1. **Secretary and Coordinator**

- Contributed as Co-Cordinator 1 week FDP on "Recent Trends in Civil and Mechanical Engineering", organized by civil and Mechanical engineering department, BBDITM, during 9th -14 September, 2024.

2. **Events Organized & Coordinated**

- Successfully organized/coordinated 3 industrial and educational visits during 2021–22 to 2023–24.
- Coordinated visits to Kathauta Water Treatment Plant, Lucknow; Himachal Pradesh & Sukna Dam, Chandigarh.
- Organized an educational tour covering Buddhist Temple, Anquimala's Cave and Sahet Mahet, Shravasti.

3. **Professional Development**

- Participated in 17 FDPs, seminars and professional development programmes covering Sustainable Engineering, Research Methodology, GIS, Entrepreneurship & Innovation, Mathematical Modelling, Advanced Materials, Generative AI, BIM, IoT and Emerging Technologies.
- Participated in the National Seminar "Geotechnics for Tomorrow: Challenges, Innovations and Opportunities" (2025)

4. **Academic & Professional Growth**

- Pursuing Ph.D. in Structural Engineering from SRMU.
- Possesses teaching experience at MBIL Lucknow, SRITM Lucknow and BBDITM Lucknow, contributing to academic excellence and professional development in Civil Engineering.

STUDENT'S ACHIEVEMENT

RAVI SHANKAR
3RD YEAR
CIVIL ENGINEERING DEPARTMENT
BBDITM, LUCKNOW













YUVRAJ SINGH
3RD YEAR
CIVIL ENGINEERING DEPARTMENT
BBDITM, LUCKNOW











RITIK GUPTA
3RD YEAR
CIVIL ENGINEERING DEPARTMENT
BBDITM, LUCKNOW





ABHISHEK NAYAK
3RD YEAR
CIVIL ENGINEERING DEPARTMENT
BBDITM, LUCKNOW





ASTHA SHUKLA
2ND YEAR
CIVIL ENGINEERING DEPARTMENT
BBDITM, LUCKNOW











EVENT & ACTIVITY

WORLD ENVIRONMENT DAY 2026

World Environment Day 2026 was celebrated at Babu Banarasi Das Institute of Technology & Management (BBDITM), Lucknow, on 5 June 2026 under the theme “Minimizing Carbon Emissions: Small Actions, Big Impact.” The event was organized by the Green Committee and Institution's Innovation Council (IIC) of the institute in association with IEEE SIGHT and Karmavesh. The celebration aimed to promote environmental awareness, encourage sustainable practices, and inspire students and faculty members to contribute towards environmental conservation and climate action.

E-CART FACILITY

The programme commenced with a ceremonial e-cart facility in which the Heads of Departments, faculty members, and students collectively travelled to the designated plantation area, symbolizing the importance of sustainable and eco-friendly modes of transportation. The initiative reflected the event's commitment to reducing carbon emissions and set a positive tone for the day's activities focused on environmental stewardship and sustainable development.







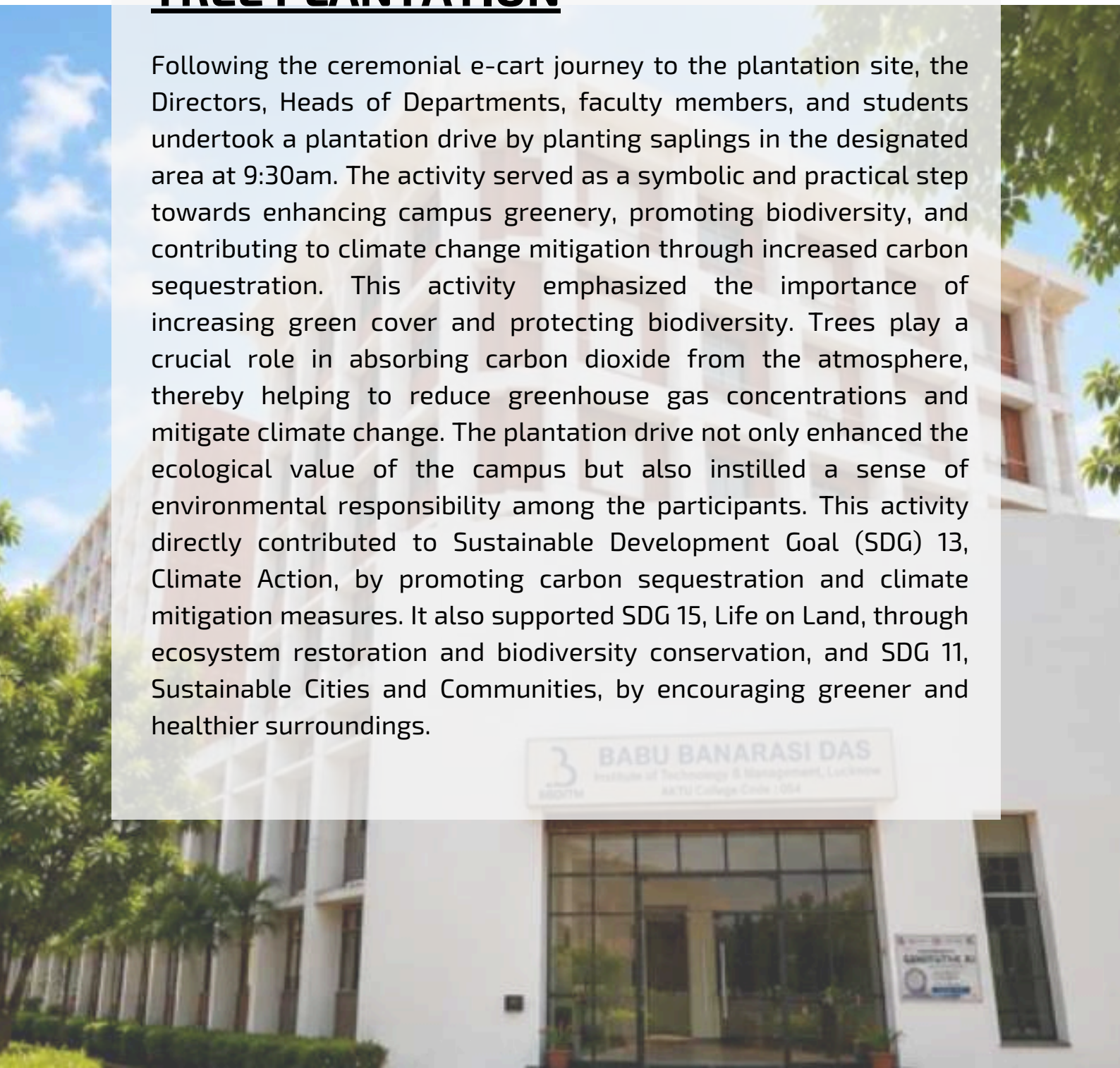


(EKART FACILITY IN BBD CAMPUS)

WORLD ENVIRONMENT DAY 2026

TREE PLANTATION

Following the ceremonial e-cart journey to the plantation site, the Directors, Heads of Departments, faculty members, and students undertook a plantation drive by planting saplings in the designated area at 9:30am. The activity served as a symbolic and practical step towards enhancing campus greenery, promoting biodiversity, and contributing to climate change mitigation through increased carbon sequestration. This activity emphasized the importance of increasing green cover and protecting biodiversity. Trees play a crucial role in absorbing carbon dioxide from the atmosphere, thereby helping to reduce greenhouse gas concentrations and mitigate climate change. The plantation drive not only enhanced the ecological value of the campus but also instilled a sense of environmental responsibility among the participants. This activity directly contributed to Sustainable Development Goal (SDG) 13, Climate Action, by promoting carbon sequestration and climate mitigation measures. It also supported SDG 15, Life on Land, through ecosystem restoration and biodiversity conservation, and SDG 11, Sustainable Cities and Communities, by encouraging greener and healthier surroundings.









(TREE PLANTATION INFRONT OF BBDITM E-BLOCK)

SEMINAR- EFFECT OF AIR POLLUTION ON HUMAN HEALTH AND ENVIRONMENT

Following the plantation drive, a seminar on the topic “Effect of Air Pollution on Human Health and Environment” was conducted from 10:30 a.m. onwards. The session was delivered by Prof. (Dr.) Pratul Arvind and Dr. Supriya Phuralatpam. The speakers discussed the causes and consequences of air pollution, highlighting its adverse impacts on human health, ecosystems, and the environment. They elaborated on the role of industrial emissions, vehicular pollution, and unsustainable practices in deteriorating air quality and emphasized the need for collective efforts to reduce pollution levels. The seminar also encouraged participants to adopt environmentally friendly lifestyles and contribute to reducing carbon emissions. A pledge-taking ceremony formed an integral part of the session, where participants pledged to protect, preserve, and nurture the environment. This seminar strongly aligned with SDG 3, Good Health and Well-being, by addressing the health risks associated with air pollution. It also supported SDG 4, Quality Education, through awareness generation and knowledge dissemination, and SDG 13, Climate Action, by promoting understanding of emission reduction strategies and sustainable environmental practices.









(SEMINAR ON AIR POLLUTION AT BBDITM E-BLOCK)

UTKARSH 2026

LITERARY EVENT

The Literary segment of UTKARSH 2026 brought together participants from diverse institutions to compete in debates, discussions, quizzes, writing, and poetry events. It served as a platform for intellectual exchange, creativity, and effective communication. The following events were
conducted under Literary Events section:

UTKARSH 2026











(LITERARY EVENT AT BBDITM E-BLOCK)













(LITERARY EVENT AT BBD H-BLOCK & AUDITORIUM)

VIRASAT SE VIKAS TAK

FELICITATION CEREMONY OF 'MEDAL HOLDER' STUDENTS BY THE DEPARTMENT

BRONZE MEDAL WINNER

Ms. Suchita



Ms. Suchita (University Roll No. 2000540000053) receiving the **Bronze Medal** in B.Tech Civil Engineering in the esteemed presence of Her Excellency Smt. Anandiben Patel Ji, Hon'ble Governor of Uttar Pradesh.

GOLD MEDAL WINNER

Ms. Pratiksha Maddheshiya



Ms. Pratiksha Maddheshiya (University Roll No. 2000540009005) receiving the **Gold Medal** in B.Tech Civil Engineering in the esteemed presence of Her Excellency Smt. Anandiben Patel Ji, Hon'ble Governor of Uttar Pradesh.

GOLD MEDAL WINNER

Mr. Chandra Bhushan Verma



Mr. Chandra Bhushan Verma (Roll No. 1705400030) receiving the **Gold Medal** in B.Tech Civil Engineering in the esteemed presence of Her Excellency Smt. Anandiben Patel Ji, Hon'ble Governor of Uttar Pradesh.

TECHNICAL SECTION

CASE STUDY, FINAL YEAR PROJECTS SHOWCASE

BRIDGE CONSTRUCTION AND INFRASTRUCTURE MODEL

This project is a working model of a bridge and transportation infrastructure system prepared to demonstrate the basic concept of bridge construction. Bridges are one of the most important structures in civil engineering and transportation engineering.





SUSTAINABLE URBAN DEVELOPMENT AND SMART INFRASTRUCTURE MODEL

This project represents a sustainable urban development and smart infrastructure model designed to demonstrate the basic planning of a modern and well-organized city

SEWAGE TREATMENT PLANT PROJECT

This project is a Sewage Treatment Plant (STP) model prepared to demonstrate the complete process of sewage and wastewater treatment. The main objective of the project is to understand how domestic and municipal wastewater can be treated before its final discharge or reuse.





SMART CITY AND RENEWABLE ENERGY MODEL

This project represents a Smart City model based on renewable energy, sustainable infrastructure and modern urban development. The main objective of the project is to demonstrate how renewable energy can be integrated into an urban environment.

STRENGTHENING OF WEAK SOIL USING SILICA-BASED ADDITIVES

This project is based on the strengthening of weak soil using silica-based additives. The main objective is to improve the engineering properties of weak and unstable soil.





HIGH PERFORMANCE CONCRETE USING MINERAL ADMIXTURE

This project is based on the study and development of High Performance Concrete (HPC) using mineral admixtures. High Performance Concrete is a specially designed concrete that provides improved strength, durability and workability compared with conventional concrete.

INVESTIGATING THE USE OF BIOCHAR FOR CLAY SUBGRADE STABILIZATION IN HIGHWAY CONSTRUCTION

This project investigates the use of biochar for stabilizing clayey subgrade soil in highway construction. The main objective is to study how biochar can improve the engineering properties of weak clay soil.



ALUMNI CORNER

01

Harsh Gupta (2100540000008)

Our college journey was filled with countless lessons, memorable moments, and friendships that shaped us into who we are today. These memories will always remain close to our hearts.





02

Kanushka (2100540000011)

The years we spent here were not just about academics and achievements, but also about discovering ourselves, building friendships, and creating memories that we will cherish for a lifetime.

03

Shashank Pandey (2100540000026)

This institution gave us the confidence to face challenges, the knowledge to pursue our dreams, and the memories that will always remind us of where our journey began.





04

Ujjwal Tiwari (2100540000030)

The classrooms may be behind us now, but the lessons, friendships, and experiences we gained here continue to guide us in every step of our journey.

05

Aditya Kumar Verma (2200540009001)

From our first day on campus to the day we walked out as graduates, every moment taught us something valuable. Looking back, we realize how special this journey truly was.





06

Prashant Mishra (220540009010)

College gave us opportunities to learn beyond the classroom, meet incredible people, and experience moments that shaped our lives. We will always be grateful for this beautiful chapter.

PLACEMENT 2025



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MATERIAL TESTING LAB

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