



Department of Civil Engineering
BABU BANARASE DAS
NORTHERN INDIA INSTITUTE OF TECHNOLOGY
Affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU Code:056)
Approved by All India Council for Technical Education (AICTE)
Sector-II, Dr. Ashish Das Nagar, Patna-84 Road, Lucknow(UP)- India, 226028
Website: www.bbdniit.ac.in

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INSTITUTE VISION

"To provide an open opportunity to the rising generation for evolving their core competencies and to build their career as world class professionals with broad based foundation, in-depth knowledge & versatile personality to meet the challenges of Global Economy..."

INSTITUTE MISSION

- 1.) To attain excellence in imparting technical education from the undergraduate through doctoral levels by adopting coherent and judiciously coordinated curricular and co-curricular programs.
- 2.) To foster partnership with industry and Governmental agencies through collaborative research and consultancy.
- 3.) To nurture and strengthen visionary skill skills for overall development and improved employability in a multi cultural work space.
- 4.) To develop scientific temper and spirit of enquiry in order to harness the innovative talents.
- 5.) To develop constructive attitude in the students towards the task of nation building and empower them to become future leaders.
- 6.) To ascertain the entrepreneurial instincts of the students and foster their business acumen.
- 7.) To involve the student and faculty in solving local community problems through economical and sustainable solutions.

DEPARTMENT VISION

The department of Civil Engineering is committed to deliver quality technical education along with strong human values, which will produce a work force of young professionals who will be socially aware to provide solutions from grass root level to the future challenges of Civil Engineering in the global community.

DEPARTMENT MISSION

- 1.1 To offer regular curriculum in civil engineering and other skill development courses that adds to the knowledge base of student and develop their competencies.
- 2.1 Providing students with in-depth knowledge of the major technical disciplines of civil engineering, and innovative systems which include seminar and presentations, giving hands on experience for proper understanding of Civil Engineering concepts through state-of-art Labs. To have regular interaction with industries in the form of industrial visits and offer solutions to their problems.
- 3.1 To develop a study plan which covers on designing, constructing, maintaining, and improving structures, facilities, and other infrastructure, including transportation and energy systems, with the goal of wise and efficient use of resources. To incorporate moral and ethical and cultural values among the students with emphasis on respect for human values. To provide knowledge with emphasis on the development of leadership qualities in students.

PROGRAM EDUCATIONAL OBJECTIVES

- 1.1 Understand the civil engineering fundamentals and their application to the solution of problems.
- 2.1 Develop the proficiency in students regarding engineering knowledge and skills in analysis, design, built, maintain, or improve civil engineering based systems.
- 3.1 To offer interactive education and practical skills so that the students can carry out technical investigations within realistic constraints such as economic, social, safety and environmental sustainability.
- 4.1 To create interest in the students to engage in life-long learning in advanced areas of civil engineering and related fields.
- 5.1 To educate the students in human values and social responsibility to use engineering techniques and its necessary modern tools for civil engineering practice in order to serve the society to a much better way.