



BABU BANARASI DAS

NORTHERN INDIA INSTITUTE OF TECHNOLOGY

LUCKNOW

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Department of Information Technology

(Accredited by National Board of Accreditation)

Newsletter

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Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow
(AKTU College Code: 056)

Approved by All India Council for Technical Education (AICTE), New Delhi

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- **Dr. Ram Pratap**, Associate Professor, IT
- **Mr. Praveen Sachan**, Assistant Professor, IT
- **Ms. Neelam Chakravarti**, Assistant Professor, IT
- **Mr. Reetesh Gupta**, Assistant Professor, IT

Genesis



**Late Babu Banarasi Das Ji
(1912 – 1985)**

Ex-Chief Minister, Government of Uttar Pradesh

“To provide an open opportunity to the young 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...” – Babuji’s Vision

Hon'ble Founder



Late Dr. Akhilesh Das Gupta **(1961 – 2017)**

Ex-Member of Parliament (Rajya Sabha)
Hon'ble Founder & Ex-Chairman, BBD Group

“We not only make technocrats at BBD, we churn out citizens of the world, perfect in all respect, be it leadership, competence, confidence, communication, moral or knowledge...” – Dr. Akhilesh Das Gupta’s Vision

A distinguished political leader, philanthropist, educationist and social worker, Dr. Akhilesh Das is the pride of Lucknow city. He has established himself as a worthy son of his illustrious father Late Babu Banarasi Das Ji.

Public Life

He has obtained MBA, LLB & Ph.D. (Human Resource Management) degrees; Dr. Akhilesh Das decided to follow his father’s footprints by choosing Social Service as his primary goal. In his distinguished public life spanning well over three decades, Dr. Das was first elected as the Mayor of Lucknow in year 1993

and became one of the youngest Mayors of the world. Subsequently, he was elected as a **Member of Parliament (Rajya Sabha)** in November 1996 and was re-elected for a second term in November 2002 till November 2008. Dr. Das has been elected again as a Member of Parliament (Rajya Sabha) for a third consecutive term in 2008 till 2014.

Dr. Das has been a member of many important parliamentary committees and National level apex advisory & statutory bodies including the AIMS. He has been a member of the Executive Committee of AICTE. He had been the Chairman Parliamentary Standing Committee for Industries. He also served with distinction as the Union Minister of State for Steel and made a place for himself as one of the foremost National leaders.

Contribution to Sports

Dr. Akhilesh Das was an enthusiastic sports person. He underwent an exhaustive training in England as a Junior Badminton player. Later, he represented and captained the U.P. State Badminton team for many years and won many National & International tournaments including the National Doubles Championship. His love for other sports is no less. He has been instrumental in organizing and facilitating many National level tournaments in various sports. He was the president of the U.P. Olympic Association & Chairman of Badminton Association of India.

Contribution to the Cause of Education

As a social thinker, Dr. Das realized the need of Quality Technical & Professional education for the overall growth and upliftment of the masses and development of the State of Uttar Pradesh. Accordingly, Babu Banarasi Das Educational Society (**BBDES**) was founded through which the torch for higher professional education was lit in Lucknow, the Capital of U.P. The first institution in the series, Babu Banarasi Das Institute of Technology & Management (**BBDITM**), Lucknow was established in 1998 and Babu Banarasi Das Northern Indian Institute of Technology (**BBDNIIT**), Lucknow in 1999, Dr. Akhilesh Das Gupta Institute of Technology & Management (**ADGITM**), New Delhi in 2003, Babu Banarasi Das Engineering College (**BBDEC**), Lucknow in 2009 and Babu Banarasi Das University (**BBDU**), Lucknow in 2011.

Hon'ble Chairperson, BBD Group



Mrs. Alka Das

A 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.

Mrs. Das is a Management expert and a legal luminary who has a long involvement with issues of social justice and women empowerment in our country. She is a legal consultant to several reputed organizations and an active Social Worker. She is connected with many National Social & Educational Organizations. She is also a Life Member of the "Rajasthan High Court Bar Association". The establishment of Northern India Engineering College, Lucknow was an initiative taken by her to provide quality professional education to match the International Standards.

As a Co-founder of Babu Banarasi Das Group of Educational Institutions, Mrs. Das has made a fertile attempt to nurture a generation of self-made and highly motivated students with an inbuilt commitment to do something constructive for the Country.

Hon'ble President, BBD Group



Mr. Viraj Sagar Das

**Vice- President, Badminton Association of India
President, Uttar Pradesh Olympic Association**

“Education is the most powerful weapon which you can use to change the world” – Nelson Mandela

Babu Banarasi Das Educational Group has its roots lying deep in quality education practices that equip each student with broad outlooks to prepare them for this futuristic world. We are committed to providing the education that fulfils the needs of today's world. Today, education is not limited to textbook courses and its practical implementation. Education has been through a major transformation where apart from the syllabus, it has become imperative to inculcate some extra skills in the students so that they could truly succeed in their lives. We encourage our students to perform well in their academics and also to take active participation in all the co-curricular activities in order to develop interpersonal skills, take up challenges, and be self-dependent and most importantly, have a good time while learning.

Vision and Mission Statements of the Institute

Vision of the Institute

“To establish a multi-disciplinary environment with excellence in technical education and research for developing competent professionals who meet the challenges of industrial and societal development with human values and ethics.”

Mission of the Institute

M1. *To provide an excellent environment with supporting infrastructure to prepare globally competent professionals acceptable to industry and society*

M2. *To inculcate a spirit of research, innovation and entrepreneurship by exposing multi-disciplinary approach*

M3. *To motivate aspiring graduates to solve real life problems with zeal of lifelong learning*

M4. *To imbibe a healthy environment which helps to develop intellectual capabilities among graduates to transform them into professionals with human values and ethics*

About the Department

The Department of Information Technology offers Bachelor's degree in Information Technology. This degree program prepares graduates for successful, profitable and lifelong careers in IT and ITES fields. Information Technology students study software systems through innovative classroom instructions, supported by laboratories equipped with the state of-the-art hardware and software. The department ensures that the students are introduced to both fundamental and advanced knowledge in areas such as Networking technology, Computer Security and software engineering, Cloud Computing, Data Analytics etc.

Salient Features of the department are as follows.

- State of the Art Computing Facilities
- ICT in Teaching and Learning
- Teacher as Mentor
- Research & Publications with Social Impact
- Supportive Learning for Placements
- Professional Development for Industrial Engagement

Various activities conducted by the department for the students are as follows.

- Value Added Courses
- Career Oriented Add-On Courses
- Special Training for Competitive Examination
- Expert Lectures for Industry Interaction
- Report Writing & Paper Presentation
- Personality Development & Soft Skill Training

Vision of the Department

“To be a dynamic and premier center for imparting transformative education with quality teaching-learning to excel students in the field of Information Technology and to meet the expectations of the industry and society with moral values and ethics.”

Mission of the Department

M1: To provide cutting edge knowledge based education through compatible infrastructure to develop professionals who cater the need of Industry and society at large.

M2: To motivate graduates for achieving excellence in academics, industry and entrepreneurship to serve the society.

M3: To inspire students for transformation in industry and society with their noble values and professional ethics.

Program Educational Objectives (PEOs)

The Program Educational Objectives of the U.G. program in the Department of Information Technology are:

After 4 years of completing this program, the students:

PEO-1: Graduates will be able to apply procedural and programmatic knowledge with innovative skills to provide solutions in a technology-driven era.

PEO-2: Graduates will possess professional competency to be employable, entrepreneur and inclination towards higher education with a zeal for life-long learning.

PEO-3: Graduates will be a valuable asset for society by exhibiting their professional engineering quality with moral values and ethics.

Program Specific Objectives (PSOs)

PSO-1: The graduates should have ability to provide engineering solutions in the field of Image Processing, Machine Learning, Cloud Computing and Data Sciences using available IT tools and techniques.

PSO-2: The graduates should have ability to employ inter-disciplinary approaches to design and develop IT solutions for real world problems.

Program Outcomes (POs)

Information Technology (IT) Graduates will be able to:

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

MESSAGE FROM THE DIRECTOR (ENGG.)



It gives me great pleasure to learn that the Department of Information Technology is publishing its bi-annual departmental newsletter (Volume 6, Issue II) for the Even Semester (July–December 2025). This edition thoughtfully highlights the department's achievements and accomplishments across both curricular and extracurricular domains.

As you go through these pages, you will gain insight into the significant milestones the department has attained over the past year. The department continues to foster an environment that nurtures talent, enhances skills, and instills strong values essential for life.

I extend my heartfelt congratulations to the entire team led by Prof. (Dr.) Bhawesh Kumar Thakur for their dedicated efforts in promoting technical excellence alongside the core values of moral education. I sincerely hope that this initiative continues to grow and contributes meaningfully to strengthening our educational legacy.

I would also like to commend our students, who consistently make us proud through their achievements in academics and their responsible conduct in social life. They bring honor to themselves, their families, the institution, and the nation at large. I wish them continued success in all their future endeavors.

Regards

Prof. (Dr.) V. K. Singh

Director (Engg.)

Babu Banarasi Das Northern India Institute of Technology, Lucknow

Message from Head of Department



I am pleased to note that the Department of Information Technology is bringing out its Newsletter for the **Even Semester (July–December 2025)**, showcasing the diverse activities and notable achievements of our faculty and students.

The department is committed to nurturing competent and confident professionals who are well-prepared to meet the demands of the dynamic, real-world working environment. We strive to provide an excellent academic ecosystem supported by a team of highly qualified and dedicated faculty members who continuously inspire students to strengthen their technical expertise while also fostering innovation, creativity, and a spirit of teamwork.

In addition to academic excellence, the department actively encourages participation in co-curricular and extracurricular activities, research initiatives, technical competitions, workshops, and seminars. Such engagements help in the holistic development of students and prepare them to face global challenges with confidence and integrity.

I am proud of the consistent efforts of our faculty and students in achieving new milestones and upholding the reputation of the department. I congratulate everyone involved in compiling this newsletter and appreciate their dedication in documenting these accomplishments.

I am confident that the department will continue to scale greater heights in the years to come and contribute significantly to the growth of the institution and society at large. I extend my best wishes to all students for their future endeavors.

Regards

Prof. (Dr.) Bhawesh Kumar Thakur

Head, Department of Information Technology

Babu Banarasi Das Northern India Institute of Technology, Lucknow

Memories of last day
B. Tech (Information Technology) 2021-2025 Batch



TOPPERS of IT 2021-25 BATCH

Sr. No.	Roll No	Name	CGPA	Division Awarded
1	2100560130002	ABHISHEK TIWARI	8.49	I-DIV WITH HONORS
2	2100560130012	AWANI SHUKLA	8.19	I-DIV WITH DISTINCTION
3	2100560130028	UTKARSH KUMAR SRIVASTAVA	8.1	I-DIV
4	2100560130016	HRITHIK KUMAR	7.97	I-DIV WITH DISTINCTION
5	2100560130024	SHUBHAM KUMAR CHAUDHARY	7.93	I-DIV WITH HONORS

Campus Placements: Top Placements for 2024-25

Sr. No	Roll No	Student Name	Company Name	Salary Package (LPA)
1	2200560139004	JAY PRAKASH PANDEY	EDU-VERSITY	8.00
2	2100560130025	SHUBHAM MISHRA	INTRAINZ INNVOATION	4.00
3	2200560139001	ABHINAV TRIPATHI	INTRAINZ INNVOATION	4.00
4	2200560130014	ARUSHI THAKUR	TELEPERFORMANCE	2.88
5	2100560130020	RAJAN VERMA	AKRABHI SOFTLABS PVT. LTD.	2.25
6	2200560130062	VIPIN VERMA	WEBLY TECHNOLAB	1.80
1	2100560130002	ABHISHEK TIWARI	Clarity Information Technologies Pvt Ltd	7.4
2	2100560130027	SIMRAN GROVER	Planet Spark	6.5
3	2200560139011	TANYA SINGH	Planet Spark	6.5
4	2100560130013	AYAN KHAN	Edustation	6.0
5	2100560130025	SHUBHAM MISHRA	Edustation	6.0
6	2100560130029	UTKARSH SHUKLA	Edustation	6.0
7	2200560139001	ABHINAV TRIPATHI	Edustation	6.0
8	2200560139005	NEELANSHU PANDEY	Edustation	6.0
9	2100560130029	UTKARSH SHUKLA	Launched Global	5.0

10	2200560139008	SATYAM TIWARI	Launched Global	5.0
11	2100560130006	AMAN TIWARI	PG Innovations Pvt. Ltd.	4.2
12	2100560130022	RITIKA RAWAT	Otaku haus	4.0
13	2100560130011	ATHARV GUPTA	Xcelore	3.5
14	2100560130012	AWANI SHUKLA	Tech Mahindra	3.5
15	2200560139001	ABHINAV TRIPATHI	Tech Mahindra	3.5
16	2200560139009	SHIVAM KUMAR SINGH	Tech Mahindra	3.5
17	2100560130016	HRITHIK KUMAR	HCL Technologies	3.25
18	2100560130025	SHUBHAM MISHRA	HCL Technologies	3.25

Results January 2025 University Examination

TOP FIVE POSITION HOLDERS IT 4th Year (8th Semester) 2024-25

Sr. No	Roll No.	Student Name	SGPA	Position
1	2100560130028	UTKARSH KUMAR SRIVASTAVA	9.17	FIRST
2	2100560130002	ABHISHEK TIWARI	9	SECOND
3	2100560130012	AWANI SHUKLA	9	THIRD
4	2100560130019	PRIYANSH SINGH	9	FOURTH
5	2100560130025	SHUBHAM MISHRA	8.83	FIFTH
6	2200560139001	ABHINAV TRIPATHI	8.83	

Results January 2025 University Examination

TOP FIVE POSITION HOLDERS IT 3rd Year (6th Semester) 2024-25

Sr. No	Roll No.	Student Name	SGPA	Position
1	2200560130041	RENU KUMARI PRAJAPATI	8.48	FIRST
2	2200560130007	AMAN JAIN	8.29	SECOND
3	2300560139003	HIMANSHU KUMAR SINGH	8.14	THIRD
4	2200560130029	MOHAMMAD ANAS	8.1	FOURTH
5	2200560130056	SWASTIK KHARE	8.1	
6	2200560130030	MOHD ARSHAD	7.9	FIFTH

Results January 2025 University Examination

TOP FIVE POSITION HOLDERS IT 2nd Year (4th Semester) 2024-25

Sr. No	Roll No.	Student Name	SGPA	Position
1	2300560130035	PRIYAM TYAGI	8.83	FIRST
2	2300560130002	ABHISHEK KUMAR MISHRA	8.26	SECOND
3	2300560130023	ATUL CHANDRA PATHAK	8.17	THIRD
4	2300560130017	ANSH RAJ	7.91	FOURTH
5	2300560130001	ABHAY SINGH	7.87	FIFTH
6	2300560130014	ANAY GUPTA	7.87	

FDP/MDP Attended by Faculty

Dr. Bhawesh Kumar Thakur

Completed 06 days AICTE Training And Learning (ATAL) Academy FDP on "**Blockchain Technology and its Applications**" at Pranveer Singh Institute of Technology, Kanpur from 2025-11-03 to 2025-11-08.

Dr. Kamal Kumar Srivastava

Attended 05 days FDP on Outcome based Curriculum Design organized by Curriculum Development Centre Department NITTTR, Chandigarh online from 10th Feb 2025 to 24th Feb 2025.

Dr. Ram Pratap

Attended 06 days ATAL FDP on "**Exploring the Foundations and Applications of Quantum Computing: Bridging Theory and Practice**" organized by Jain Deemed to be University School of Computer Applications and IT online from 8th Sept 2025 to 13th Sept 2025.

Attended 06 days ATAL FDP on **Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning** organized by Department of Information Technology, BBDNIIT in offline mode from **15th Dec 2025 to 20th Dec 2025**.

Mr. Reetesh Gupta

Attended 02 days Skill Development Program on "**Blockchain Technology: Concepts & Applications**" Organized by DTTC, DRDO, Lucknow 21 Aug'25 to 22 Aug'25.

Mr. Praveen Sachan

Completed 06 days AICTE Training and Learning ATAL Academy Faculty Development Program on "Generative AI Fluency", conducted by NASSCOM, from 01–06 December 2025.

Mr. Abhishek Tripathi

Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Deep Learning and Computer vision" from 15/12/2025 to 20/12/2025 at BBDNIIT Lucknow (U.P.).

Mr. Alok Kumar Singh

Attended ATAL 06 days FDP on Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning (HIML-2025) by Information Technology Department at

BBDNIIT, Lucknow offline from BBDNIIT, Lucknow from 15th December 2025 to 20th December 2025.

Ms. Neelam Chakravarti

Attended ATAL 06 days FDP on Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning (HIML-2025) by Information Technology Department at BBDNIIT, Lucknow offline from BBDNIIT, Lucknow from 15th December 2025 to 20th December 2025.

Ms. Priya Sharma

Attended One week FDP on “Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning” Organized by AICTE–ATAL Sponsored One-Week Faculty Development Program from 15th December to Saturday, 20th December 2025

Mr. Yogesh Sharma

Attended One week FDP on “Cognitive Science and Artificial Intelligence: Bridging Human Intelligence with Machine Learning” Organized by AICTE–ATAL Sponsored One-Week Faculty Development Program from 15th December to Saturday, 20th December 2025

Congratulation

Congratulations to Mr. Reetesh Gupta, who has presented his paper titled ***“A Comprehensive Literature Review on Image Steganography based on CNN and GAN Architectures”*** Co-authored with Dr. Dheeraj Tandon, Dr. Vivek Kumar Singh in the 6th International Conference on Computational Intelligence (ICCI 2025) held at Sardar Vallabhbhai National Institute of Technology, Surat, India during December 27-28, 2025.



Congratulations to Ms. Priya Sharma, for participating in International Congress on **Unlocking Artificial Intelligence & Robotics Driven Smart Agriculture for Viksit Bharat (AIRSA-VBCON 2025)** Organized by Uttar Pradesh Council of Agricultural Research (UPCAR), Lucknow & Integral Institute of Agricultural Science & Technology (IIAST), Integral University, Lucknow on **22-23 December 2025** at Integral University, Lucknow, India



Congratulation

Congratulations to Ms. Priya Sharma for publishing her research paper titled “*A Hybrid Framework for Identifying Fake News and Deceptive Information in Social Media with Mitigation Strategy*”. *Utilitas Mathematica*, 122(2), 1559–1577 The Journal is Scopus-indexed with SJR 2024: 0.129 (Q4) and h-index: 34

