



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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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 immense pleasure to present **Volume 7, Issue I (January–June 2026)** of the Department of Information Technology Newsletter. This issue reflects the department's commitment to academic excellence, innovation, research, industry collaboration, and holistic student development. The achievements showcased herein are a testament to the dedication of our students, faculty, staff, and stakeholders in fostering a vibrant learning ecosystem.

As technology continues to shape the future, I encourage our students and faculty to embrace lifelong learning, creativity, and ethical innovation. I congratulate the Department of Information Technology for its accomplishments during the semester and extend my best wishes for continued success in achieving greater milestones and contributing meaningfully to society.

Prof. (Dr.) V. K. Singh

Director (Engg.)

Babu Banarasi Das Northern India Institute of Technology, Lucknow

Message from Head of Department



It is my pleasure to present **Volume 7, Issue I (January–June 2026)** of the Department of Information Technology Newsletter. This edition captures the significant academic, research, technical, and co-curricular activities undertaken by our students and faculty during the semester. Their dedication, innovation, and teamwork continue to strengthen the department's pursuit of excellence.

The rapidly evolving field of Information Technology demands continuous learning, creativity, and adaptability. Our department remains committed to providing a dynamic learning environment that nurtures technical competence, ethical values, research aptitude, and industry readiness among our students.

I congratulate all the students, faculty members, staff, and alumni whose contributions have made this semester successful. I hope this newsletter serves as a source of inspiration and reflects our collective efforts towards achieving greater milestones in education, research, and innovation.

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) 2022-2026 Batch***



TOPPERS of IT 2021-25 BATCH

Sr. No.	Roll No	Name	CGPA	Division Awarded
1	2200560130016	ASHWANI YADAV	8.34	I-DIV WITH DISTICTION
2	2300560139003	HIMANSHU KUMAR SINGH	8.20	I-DIV WITH DISTICTION
3	2200560130041	RENU KUMARI PRAJAPATI	8.13	I-DIV WITH DISTICTION
4	2200560130056	SWASTIK KHARE	8.12	I-DIV WITH DISTICTION
5	2200560130062	VIPIN VERMA	8.00	I-DIV WITH DISTICTION

Campus Placements: Top Placements for 2025-26

University Roll No.	Student Name		Company Name	Package
220560130037	PRAJWAL		CLARITY INFORMATION TECHNOLOGIES PVT LTD	7.4 LPA
220560130007	AMAN JAIN		MEDITAB SOFTWARE PRIVATE LIMITED	6.09 LPA
220560130030	MOHD ARSHAD		TATA CONSULTANCY SERVICES	3.3 LPA

Results January 2026 University Examination

TOP FIVE POSITION HOLDERS IT 4th Year (8th Semester) 2025-26

Sr. No	Roll No.	Student Name	SGPA	Position
1	2200560130021	DIYA VERMA	9.44	FIRST
2	2200560130030	MOHD ARSHAD		
3	2200560130041	RENU KUMARI PRAJAPATI		
4	2300560139003	HIMANSHU KUMAR SINGH		
5	2200560130016	ASHWANI YADAV	9.25	SECOND
6	2200560130018	AYUSHI DIXIT		
7	2200560130025	KUNAL KUMAR		
8	2200560130029	MOHAMMAD ANAS		
9	2200560130042	RIA RAJ SINGH		

10	2200560130014	ARUSHI THAKUR	9.06	THIRD
11	2200560130022	HARSH KUMAR MADDHESHIYA		
12	2200560130023	ISHA ROY		
13	2200560130028	MEDHA SURYAVANSHI		
14	2200560130031	MOHD ASAD		
15	2200560130032	NAVNEET SACHAN		
16	2200560130035	PAWAN CHATURVEDI		
17	2200560130043	ROHIT SRIVASTAVA		
18	2200560130047	SANSKAR MISHRA		
19	2200560130056	SWASTIK KHARE		
20	2200560130057	SWAYAM PANDEY	8.88	FOURTH
21	2200560130001	ABHAY SINGH		
22	2200560130005	ADITYA PANDEY		
23	2200560130011	ANSH SRIVASTAVA		
24	2200560130019	DEEPAK VERMA		
25	2200560130033	NEELESH MISHRA		
26	2200560130045	RUDRANSH SHAHI		
27	2200560130052	SHRISTI OJHA		
28	2200560130053	SIMRAN KUMARI	8.69	FIFTH
29	2200560130007	AMAN JAIN		
30	2200560130020	DEVESH SRIVASTAVA		
31	2200560130037	PRAJWAL		
32	2200560130039	PRIYANSHU PANDEY		
33	2200560130058	TAIYUR ALAM		
34	2200560130059	TAMANNA CHAUHAN		
35	2200560130060	TEJAS TIWARI		
36	2200560130062	VIPIN VERMA		

Results January 2026 University Examination

TOP FIVE POSITION HOLDERS IT 3rd Year (6th Semester) 2025-26

Sr. No	Roll No.	Student Name	SGPA	Position
1	2300560130004	ABHISHEK VERMA	8.81	FIRST
2	2300560130035	PRIYAM TYAGI	8.81	
3	2300560130014	ANAY GUPTA	8.67	SECOND
4	2300560130028	KESHAV KUMAR	8.67	
5	2300560130023	ATUL CHANDRA PATHAK	8.62	THIRD
6	2300560130033	NAINSI KUMARI	8.62	
7	2300560130038	RIYA RAI	8.62	
8	2300560130001	ABHAY SINGH	8.29	FOURTH
9	2300560130016	ANSH GUPTA	8.29	
10	2300560130050	SHIWANSHU RATHORE	8.29	
11	2300560130005	ADITYA RAJ SHEKHAR	8.10	FIFTH
12	2300560130025	DIVYANSH SHUKLA	8.10	
13	2300560130054	TANYA SINGH	8.10	

Results January 2026 University Examination

TOP FIVE POSITION HOLDERS IT 2nd Year (4th Semester) 2025-26

Sr. No	Roll No.	Student Name	SGPA	Position
1	2400560130030	KHUSHI	8.96	FIRST
2	2400560130018	ASMIT SINGH	8.65	SECOND
3	2400560130021	CHARU SINGH	8.26	THIRD
4	2400560130013	ANJALI SINGH	8.09	FOURTH
5	2400560130043	SARGUN KAUR	8.09	
6	2400560130057	UTAKARSHINI SRIVASTAVA	8.04	FIFTH

Faculty Research Achievement

Mr. Yogesh Sharma presented the research paper "**Fusion Deep Learning Technique CNN-LSTM for Classification of Fetal ECG Cardiac Arrhythmia**" at the **Second International Conference on Intelligent Systems and Security (ICISS 2026)**, organized by the Department of Computer Science and Engineering, DR SPM IIIT Naya Raipur, held from **14–16 January 2026**.



Student Research Achievement

Mr. **RudranshShahi**, a student of the Department of Information Technology, BBDNIIT, along with co-authors **Mr. PawanChaturvedi** and **Mr. Rohit Srivastava**, published a research paper titled "**Multi Service AI Orchestration in SaaS**" in the **International Journal for Multidisciplinary Research (IJFMR)**, Volume 8, Issue 2 (March–April 2026). The publication reflects the department's emphasis on research, innovation, and emerging technologies in Artificial Intelligence and Software as a Service (SaaS).



Students Out of World Interactions

Following **B.Tech Information Technology** student from **BBDNIIT** actively participated in the **Ideas to Impact 2026: Innovation Hackathon**, organized by **Awadh Incubation Foundation** at **KhwajaMoinuddinChishti Language University (KMCLU)**, Lucknow, on **28 March 2026**, demonstrating innovation, creativity, and problem-solving skills.

1. Abhinav Gupta
2. Shivansh Singh
3. Sakshi Singh
4. Harsh Bardhan
5. Charu Singh
6. Asmit Singh
7. Anjali Singh
8. Tanya Trivedi



Students Participation in UTKARSH 2026

