



BABU BANARASI DAS
NORTHERN INDIA INSTITUTE OF TECHNOLOGY
(Formerly Known as Northern India Engineering College)
(Recognized by AICTE, Govt. of India, affiliated to Dr. A.P.J. Abdul
Kalam Technical University, Lucknow) AKTU College Code - 056

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



NEWSLETTER 2020-21



INDEX

- **CHAIRMAN'S MESSAGE**
- **DIRECTOR'S MESSAGE**
- **HOD'S MESSAGE**
- **INSTITUTE MISSION & VISION**
- **DEPARTMENT MISSION & VISION**
- **FACULTY ACHIEVEMENT**
- **STUDENT ACHIEVEMENT**
- **EDITOR CREDITS**

THE CHAIRPERSON'S MESSAGE



MRS. ALKA DAS
M.B.A., L.L.B.,
Advocate & Social
Worker Chairperson,
BBD Group

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. She has travelled extensively to countries like Denmark, Italy, Japan, France, Switzerland, UK and USA to study the pattern of education and facilities provided to the students there. 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.

Director's

MESSAGE

Prof. (Dr.) V. K. Singh
Director(Engg.)



"EDUCATION IS THE MOST POWERFUL WEAPON

**WHICH YOU CAN USE TO CHANGE THE WORLD." – NELSON
MANDELA**

It gives me an immense pleasure to introduce Babu Banarasi Das Northern India Institute of Technology (BBDNIIT), Lucknow to all the aspiring engineering students. Since the inception of this great institution, the aim is to provide quality technical education and develop competent technocrats who are socially sensitive and committed to excellence at global arena. In accordance with this aim, we have a set of selected faculty members delivering academic contribution for achieving excellence in technical education. The institute has a glorious standing of more than 17 years now and continue to evolve as the most reputed educational group in the field of Engineering. BBDNIIT is known for its process, academic and infrastructural facilities geared towards achieving academic excellence. We aspire to develop professionally groomed manpower with sound knowledge and skill, a passion for the engineering profession, uncompromising human values and ethics. Through our systematic teaching-learning process we prepare them for a challenging career ahead. A great emphasis is laid on strengthening their relationship with the community and motivate them to contribute significantly to society. The unique blend of state-of-the-art infrastructure of the college and its strong team of experienced and dedicated faculty ardently nurture talent in young minds. The college is well positioned to create a conducive atmosphere for the development of young brains into bright professionals of future. The global technology scenario is changing rapidly. To remain competitive in this changing environment, there is an increasing demand for professionals who can face the new challenges. The BBDNIIT has been established to train the students so that they meet challenges head on. In the short duration of this existence the Institute has achieved a prominent place amongst the top ranking engineering colleges. Towards our vision of creating a thinking professional order, we continue to aim at newer heights and excellence in the field of professional education. We are committed to nurturing juvenile minds and preparing them for challenges in today's globalised technology. The doors of our faculty members are always open for any student who seeks help. We persuade all the students to use their time with professors and teaching staff fruitfully, to develop their own proficiency.

"Develop a passion for learning. If you do, you will never cease to grow."- Anthony J. D'Angelo

MESSAGE FROM HEAD OF DEPARTMENT



**Prof.(Dr.) Anurag
Shrivastava
Head Of
Department**

It gives me immense pleasure to lead the Department of Computer Science & Engineering. The primary focus of the Department is to empower our students with overall development. We, the Team – Computer Science & Engineering are working with the following objectives:

- To nurture the students with multi-dimensional skill sets. To focus on Outcome Based Education by innovative pedagogy, Industry Academic interaction and doing live projects etc.
- Each student is focused through a Mentor – Mentee Scheme where students are emphasized for good academics, placements and participation in co-curricular activities.
- The faculty members are encouraged to publish research papers in reputed journals, participate in Faculty Development Program and Workshop through a well-supported system.

INSTITUTE VISION

To establish a multidisciplinary 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.

INSTITUTE MISSION

- To provide an excellent environment with supporting infrastructure to prepare globally competent professionals acceptable to industry and society.
- To inculcate a spirit of research, innovation and entrepreneurship by exposing multi-disciplinary approach.
- To motivate aspiring graduates to solve real life problems with zeal of lifelong learning.
- To imbibe a healthy environment which helps to develop intellectual capabilities among graduates to transform them into professionals with Indian values and ethics.

DEPARTMENT VISION

To provide a conducive environment for learning and create research opportunities in the field of Computer Science and Engineering to meet global requirements using the latest technologies with ethical values.



DEPARTMENT MISSION

- ❖ To provide theoretical and practical concepts across the Computer Science discipline.
- ❖ To impart an education that is well suited to meet the challenging software needs of the industry.
- ❖ To nurture the undergraduate students with multidisciplinary and research activities to grow as professionals.
- ❖ To empower students with moral and ethical values.



PROGRAMME EDUCATIONAL OBJECTIVES

- **PEO1:** To encourage students to strengthen their technical capabilities for providing solutions to meet industrial and societal needs
- **PEO2:** To groom graduates as professional engineers to work with leadership and problem solving skills.

PROGRAMME OUTCOMES

- **PO1: ENGINEERING KNOWLEDGE:** Apply the knowledge of mathematics , science , engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **PO2: PROBLEM ANALYSIS:** Identify, formulate , review literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics , natural science and engineering sciences .
- **PO3: DESIGN / DEVELOPMENT OF SOLUTIONS:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural , societal and environmental considerations .
- **PO4: CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:** Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5: MODERN TOOL USAGE:** Create , Select , and apply appropriate techniques , resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6: THE ENGINEER AND SOCIETY:** Apply reasoning informed by the contextual knowledge to assess societal , health , safety , legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice .
- **PO7: ENVIRONMENT AND SUSTAINABILITY:** Understand the impact of the professional engineering solutions in societal and environmental context and demonstrate the knowledge of , and need for sustainable development .
- **PO8: ETHICS:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice .
- **PO9: INDIVIDUAL AND TEAM WORK:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings .
- **PO10: COMMUNICATION:** Communicate effectively on complex engineering activities with the engineering community and with the society at large , such as , being able to comprehend and write effective reports and design documentation , make effective presentations, and give and receive clear instructions.
- **PO11: PROJECT MANAGEMENT AND FINANCE:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work , as a member and leader in a team , to manage projects and in multidisciplinary environments.
- **PO12: LIFE LONG LEARNING:** Recognize the need for , and have the preparation and ability to engage in independent and life long learning in the broadcast of technological change.

PROGRAMME SPECIFIC **OUTCOME**

ON COMPLETION OF THE B.TECH. COMPUTER SCIENCE & ENGINEERING DEGREE THE GRADUATES WILL BE ABLE TO:

- **PSO1: Ability to design and develop solutions for societal problems by using emerging technologies and standardized emerging principles.**
- **PSO2: Develop and understanding for conceptual and practical aspects of programming languages with databases and develop solutions using suitable data structures and algorithmic techniques.**



Name Of the Faculty	TITLE	ORGANISED BY	DURATION
Dr. Anurag Srivastava	Introduction to ISO 9001	E & ICT Academy, IIT Kanpur	15-20 Feb,2021
	Project Management	E & ICT Academy, IIT Kanpur	8-13 Mar,2021
	Python	E & ICT Academy, IIT Kanpur	22-28 th Feb,2021
	Cyber Security	E & ICT Academy, IIT Kanpur	15-20 Mar, 2021
	Data Science	E & ICT Academy, IIT Kanpur	11-27 th June, 2021
	Linguistic and Diversity to Access English	Department of Humanities and Social Sciences, IIT Kanpur	8-13 Feb, 2021
	Recent in Pedagogy And Teaching Research	Faculty of Commerce and Management, Integral University	4-12 Mar,2021
Mr.Waseem Ahmad	Outcome Based Education	Dr. Akhilesh Das Gupta Institute of Technology & Management, New Delhi	14-16 th Sep,2020

	Become Your Own Masterpiece	BBDNIT, Lucknow	25-29 Aug, 2020.
	Emerging Trends & Technologies in Data Science	GMR Institute of Technology, Rajam, Andhra Pradesh	24-29th August 2020.
	Emerging Trends in information Technology	IITM, Janakpuri, New Delhi	20-25th July, 2020
	Innovative E-Teaching Practices in Management and Technology	BBDNITM, Lucknow	08-12th June, 2020
	Project Management	E & ICT Academy, IIT Kanpur	8-13 Mar, 2021
	Linguistic Diversity and Access to English	Department of Humanities and Social Sciences, IIT Kanpur	8-13 Feb, 2021
	Recent Pedagogy in Teaching and Research	Faculty of Commerce and Management, Integral University	4-12 March 2021
Mr. Kapil Verma	Introduction to ISO 9001	E & ICT Academy, IIT Kanpur	15-20 Feb, 2021
	Project Management	E & ICT Academy, IIT Kanpur	8-13 Mar, 2021

	Python	E & ICT Academy, IIT Kanpur.	22-28 th Feb,2021
	Cyber Security	E & ICT Academy, IIT Kanpur	08-13Feb, 2021
	Data Science	E & ICT Academy, IIT Kanpur	11-27th June, 2021
	Linguistic Diversity and Access to English	Department of Humanities and Social Sciences, IIT Kanpur	8-13 Feb, 2021
	Scheme of financial assistance for setting up of electronics and ICT academics	E & ICT Academy, IIT Kanpur	01-12Feb,2021
Mr. Yousuf Haider	Project Management	E & ICT Academy, IIT Kanpur	8-13 Mar,2021
	Recent Pedagogy in Teaching and Research	Faculty of Commerce and Management, Integral University	4-12 Mar,2021
Mr. Yusuf Khan	Project Management	E & ICT Academy, IIT Kanpur	8-13 Mar,2021
	Cyber Security	E & ICT Academy, IIT Kanpur	05-10 Jul,, 2021
	Data Science	E & ICT Academy, IIT Kanpur	11-27th June, 2021
	Linguistic Diversity and Access to English	Department of Humanities and Social Sciences, IIT Kanpur	8-13 Feb, 2021

	Machine learning for computer vision under Scheme of financial assistance for setting up of electronics and ICT academics	E & ICT Academy, IIT Kanpur	01-12Feb,2021
	Recent Pedagogy	Faculty of Commerce and Management, Integral University	4-12 Mar, 2021
	Teaching in And Research		
	Data Analytics for Real time systems	Goel Institute of Technology and Management ,Lucknow	26 th -30 th December 2020
Mr. Sameer Awasthi	Linguistic and Diversity to Access English	Department of Humanities and Social Sciences, IIT Kanpur	8-13 Feb, 2021.
	Data Analytics for Real Time System	Goel Institute of Technology and Management,Lucknow	26 th -30 th December 2020
	Outcome based education & NBA Accreditation	Buddha institute Gorakhpur	31Mach-4 th April 2021
	National way education policy	BBDEG,Lucknow	11-16 Sep, 2020
	a forward		

	Machine learning for computer vision under Scheme of financial assistance for setting up of electronics and ICT Academic	E & ICT Academy, IIT Kanpur	01-12 Feb, 2021.
Mr. Atma Prakash Singh	Data Analytics for Real Time Systems	Goel Institute of Technology Management, Lucknow	26-30 th December, 2020
	AI and Machine Learning using python	Ashoka Institute ,Varanasi	27 th -31 st January 2021
	R programming	Spoken tutorial IIT,Bombay	Jan 20-02 Feb, 2021
Ms. Sweta Singh	Outcome based Education	Department of Information Technology, Dr. Akhilesh Das Gupta Institute of Technology & Management	14- 16th Sep,2020.
	R programming	Spoken tutorial IIT,Bombay	Jan 20-02 Feb, 2021
	Data Sciences	Shri Sai ram institute of technology, under ATAL academy	01-05 Feb, 2021
Ms. Abhilasha Gupta	Data Analytics for Real Time Systems	Goel Institute of Technology Management, Lucknow	26-30 th December, 2020
	Application of Artificial Intelligence Techniques	Ashoka Institute ,Varanasi	13-17 Jul, 2020
	R programming	Spoken Tutorial IIT,Bombay	Jan,20-02 Feb, 2021
	Become Your Master Piece	Babu Banarasi Das Educational Group, Luck	25-29 Aug,2020

Dr. Umesh Dwivedi	Research Methodology and its uses in Education	Moradabad Institute of Technology, Moradabad	28 Dec 2020 to 01 Jan 2021
	Data Analysis Using Ms Excel	Department of Mathematics in association with the Internal Quality Assurance Cell(IQAC), BBDNIIT	25-27 Dec,2020
	Emerging Trends on Information Technologies and Its Applications	Department of Information Technology, At Ajay Kumar Garg Engineering College, Gaziabad	16-20 Dec,2020
Ms. Shuchi Sharma	Cyber Security	E&ICT Academy,IIT Kanpur	8-13 Feb,2021
Naincy Vaish	Cyber Security	E&ICT Academy,IIT Kanpur	22-28 Feb,2021



ACADEMIC RESULTS 2020-21

FIRST YEAR RESULT



ADITYA KUMAR PANDEY
2000560100008
SGPA 9.85

RANK
1



ANURAG GUPTA
2000560100025
SGPA 9.65

RANK
2



ARPIT VERMA
2000560100028
SGPA 9.65

RANK
2



HARSHITA SINHA
2000560100052
SGPA 9.65

RANK
2



SURBHI GAUTAM
2000560100109
SGPA 9.65

RANK
2



HARSH SHARMA
2000560100050
SGPA 9.6

RANK
3

SECOND YEAR RESULT



JAYA VISHWAKARMA
1900560100049
SGPA 9.48

RANK
1



ABHINAV PRAKASH
1900560100006
SGPA 9.14

RANK
2



MANASHVI SRIVASTAVA
1900560100056
SGPA 9.14

RANK
2



SHIVAM VISHWAKARMA
1900560100091
SGPA 9.14

RANK
2



UMANG KUMAR SISODIA
1900560100110
SGPA 9.14

RANK
2



HARSHITA SRIVASTAVA
1900560100046
SGPA 9.1

RANK
3



SAKSHI SHARMA

1900560100082

SGPA 9.1

Rank

3



SHRISHTI CHAUDHARY

1900560100097

SGPA 9.1

Rank

3

THIRD YEAR RESULT



FARHIN

1900560109003

SGPA 9.81

Rank

1



ADITYA RAJ

1805610008

SGPA 9.76

Rank

2



BALJENDER KAUR

1805610033

SGPA 9.76

Rank

3

PLACEMENT

PROGRAM NAME & ASSESSMENT YEAR : PLACEMENT IN 2020-21

S.No	Name	Univ. Roll Number	Cont. Number	Email-ID	Name of the companies placed	Package
1	Abhishek Yadav	1705610006	7905611704	1705610006@bbdniit.ac.in	Coforge	3.65 LPA
2	Abhishek Kumar Chaudhary	1705610008	8318826693	1705610008@bbdniit.ac.in	Pixxel iQ Pvt Ltd	4.8 LPA
3	Akash Kashyap	1705610013	8922890266	1705610013@bbdniit.ac.in	Savantis Solutions	2.16 LPA
4	Akshara Purwar	1705610016	9997028444	1705610016@bbdniit.ac.in	Magic Software, Noida	4.0 LPA
5	Amita Singh	1705610019	9891187268	1705610019@bbdniit.ac.in	TCS-Ninja	7.0 LPA
6	Ankita srivastava	1705610020	9335453707	1705610020@bbdniit.ac.in	TCS-Ninja	3.36 LPA
7	Ankur Singh	1705610021	9140764716	1705610021@bbdniit.ac.in	Mindtree	4.0 LPA
8	Anshika Gupta	1705610022	7985580807	1705610022@bbdniit.ac.in	Accenture/Wiley NXT / Maventic	4.5 LPA
9	Anshul Kamal	1705610023	9554942236	1705610023@bbdniit.ac.in	Accenture	4.5 LPA
10	Ateeq Ahmad	1705610031	9639317168	1705610031@bbdniit.ac.in	Planetspark	3.6 LPA
11	Awanish Singh	1705610032	8299137833	1705610032@bbdniit.ac.in	SRDT	2.8 LPA
12	Ayush Srivastava	1705610033	7318502573	1705610033@bbdniit.ac.in	Coforge	3.65 LPA
13	Devendra Dubey	1705610037	8756212556	1705610037@bbdniit.ac.in	SRDT	2.8 LPA
14	Devesh Sharma	1705610038	6392683988	1705610038@bbdniit.ac.in	Savantis Solutions	2.16 LPA
15	Gaurav Singh	1705610041	6393282929	1705610041@bbdniit.ac.in	TCS-Ninja	3.36 LPA
16	Govind Gupta	1705610042	7007025830	1705610042@bbdniit.ac.in	Wipro NTH	3.5 LPA
17	Harshit Gupta	1705610046	9956305723	1705610046@bbdniit.ac.in	Appinventiv	3.6 LPA

18	Harshit Saxena	1705610048	7985574341	1705610048@bbdniit.ac.in	Coforge	3.65 LPA
19	Ishu Singh	1705610050	6386037320	1705610050@bbdniit.ac.in	Sopra Banking Software Solutions	3.5 LPA
20	Keshav Kumar	1705610052	8700338370	1705610052@bbdniit.ac.in	HCL	2.4 LPA
21	Khyati Shanker Srivastava	1705610053	9653084608	1705610053@bbdniit.ac.in	Edvvisor	3.7 LPA
22	Mansi Upadhyay	1705610058	8318485502	1705610058@bbdniit.ac.in	HCL Technologies	2.4 LPA
23	Minhal Abbas	1705610059	8090755471	1705610059@bbdniit.ac.in	Wiley NXT	7.0 LPA
24	Neha Singh	1705610064	9452597372	1705610064@bbdniit.ac.in	TCS-Ninja	3.36 LPA
25	Niharika Singh	1705610065	9616504423	1705610065@bbdniit.ac.in	Accenture	4.5 LPA
26	Nitin Kumar Singh	1705610066	9648491520	1705610066@bbdniit.ac.in	Unthinkable Solutions (Daffodil Software)	4.0 LPA
27	Rachna Singh	1705610069	7380444010	1705610069@bbdniit.ac.in	Accenture	4.5 LPA
28	Roseline Cherubin	1705610075	9005749355	1705610075@gmail.com	TCS-Ninja	3.36 LPA
29	Sarveet Mishra	1705610079	8874098698	1705610079@bbdniit.ac.in	Edvvisor	3.7 LPA
30	Shashank Rai	1705610082	7905222633	1705610082@bbdniit.ac.in	Accenture	4.5 LPA
31	Shivangi Kushwaha	1705610084	7379717328	1705610084@bbdniit.ac.in	Appventure mobitech/Wipro	3.6 LPA / 3.5 LPA
32	Shraddha Yadav	1705610085	8090821113	1705610085@bbdniit.ac.in	Coforge	3.65 LPA
33	Shubham Agrahari	1705610088	8948892860	1705610088@bbdniit.ac.in	Edvisor /Byjus	3.7 LPA/ 10 LPA
34	Shubhneet Tiwari	1705610090	9140463094	Shubhneettiwari608@gmail.com	Successive Technologies	3.36 LPA
35	Suraj Singh	1705610095	7705062284	1705610095@bbdniit.ac.in	TCI Ltd	3.2 LPA
36	Suryansh Kumar Agarhari	1705610096	8317045942	1705610096@bbdniit.ac.in	Wipro NTH	3.5 LPA
37	Vaibhav Dwivedi	1705610099	8400538114	srtdwivedi10@gmail.com	Mindtree / Accenture / Cognizant	4.0 LPA
38	Vikas Kumar yadav	1705610102	9455587546	vikasyadav17597@gmail.com	Savantis Solutions	2.16 LPA
39	Vipul Kumar Yadav	1705610105	9651452466	vky200030@gmail.com	Tech Mahindra	3.6 LPA
40	Waqar Ahmad	1705610110	6387956134	ahmedwaqar771@gmail.com	Learningshala	3.2 LPA



AYUSH BARANWAL
B.TECH-CSE-
2NDYEAR



ABHINAV MISHRA
B.TECH-CSE-
2NDYEAR