



BABU BANARASI DAS

NORTHERN INDIA INSTITUTE OF TECHNOLOGY

LUCKNOW

Sector II, Dr. Akhilesh Das Nagar, Ayodhya Road, Lucknow (UP) – India, 226028
Website: www.bbdniit.ac.in, Email ID: headit@bbdniit.ac.in

Department of Information Technology

(Accredited by National Board of Accreditation)

Newsletter

Vol. - 5, Issue – I, January- June 2024



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

Patrons

Mrs. Alka Das
Hon'ble Chairperson, BBD Group

Mr. Viraj Sagar Das
Hon'ble President, BBD Group

Mr. R. K. Agarwal
Chief Executive Director, BBDEG

Advisory Committee

Prof (Dr.) Shailendra Kumar Saraf
Director (Pharmacy), BBDNIIT

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

Chief-Editor

Prof (Dr.) Bhawesh Kumar Thakur
Professor & Head,

Department of Information
Technology, BBDNIIT, Lucknow

Editors

- **Dr. Kamal Kumar Srivastava**, Associate Professor, IT
- **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, Govt. 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:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
10. **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.
11. **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.
12. **Life Long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadcast of technological change.

MESSAGE FROM THE DIRECTOR (ENGG.)



It gives me immense pleasure to know that the Department of Information Technology is bringing out the latest issue of its bi-annual departmental newsletter. This publication reflects the department's academic excellence, research initiatives, innovation, industry interactions, and achievements in curricular, co-curricular, and extracurricular activities during the semester. As you go through these pages, you will witness the remarkable accomplishments of our students and faculty, showcasing the department's commitment to quality education, technological advancement, and holistic development.

I congratulate the entire team of the Department, under the leadership of Prof. (Dr.) Bhawesh Kumar Thakur, for their dedicated efforts in fostering technical competence, innovation, professional ethics, and human values. I am confident that the department will continue to achieve greater milestones and contribute significantly to society through excellence in teaching, research, and innovation. I also extend my best wishes to all our students for a bright and successful future as they continue to bring pride and recognition to the institution and the nation.

Regards

Prof. (Dr.) V. K. Singh

Director(Engg.)

Babu Banarasi Das Northern India Institute of Technology, Lucknow

Message from Head of Department



I am happy to note that the Department of Information Technology is releasing its Newsletter for Even Semester (January-June 2024) enumerating the various activities and achievements of our faculty and students.

The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them

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) 2020-2024 Batch



Founders Day 2024 Batch

**BABU BANARASI DAS
EDUCATIONAL GROUP**

Divine Light Of Inspiration

AKHIL JYOT - 12 APRIL 2024

Let's join hands and make his
dream of spreading happiness
all around come true!


Dr. Akhilesh Das Gupta
Former Union Minister, Government of India,
Former Mayor Lucknow and Founder BBD Group.




Panel Discussion


Blood Donation Camp


MahaBhoj

AKHIL JYOT 2024
April 12, 2024
Babu Banarasi Das Educational Group, Lucknow
[BBD University/BBDITM/BBDNIIT/BBDEC]

Campus Placements: Top Placements for 2020-24

Sr. No	University Roll No.	Name	Company Name	Package	Photograph
1	2000560130022	IshanDwi vedi	MLE Systems	5.60 LPA	
2	2000560130050	Shreya Rai	Capgemini	4.25 LPA	
3	2000560130036	NitinPraja pati	Genpact	4.18 LPA	
4	2000560130001	Aaditya Pal	TCS	3.36 LPA	
5	2000560130054	Utkarsh Joshi	HCL Tech	3.25 LPA	

Results January 2024 University Examination

TOP FIVE POSITION HOLDERS IT 4th Year (7th Semester) 2023-24

SR. NO	ROLL NO.	STUDENT NAME	SGPA	POSITION
1	2000560130021	HIMANSHU SINGH	8.56	<i>FIRST</i>
2	2000560130050	SHREYA RAI	8.5	<i>SECOND</i>
3	2000560130001	AADITYA PAL	8.33	<i>THIRD</i>
4	2000560130025	KOMAL	8.33	<i>THIRD</i>
5	2000560130031	MOHD MOHSIN RAZA	8.28	<i>FOURTH</i>
6	2000560130028	MANJEET PANDEY	8.22	<i>FIFTH</i>

Results January 2023 University Examination

TOP FIVE POSITION HOLDERS IT 3rd Year (5th Semester) 2023-24

SR. NO	ROLL NO.	STUDENT NAME	SGPA	POSITION
1	2100560130002	ABHISHEK TIWARI (FW)	8.73	<i>FIRST</i>
2	2100560130024	SHUBHAM KUMAR CHAUDHARY	8.18	<i>SECOND</i>
3	2100560130012	AWANI SHUKLA	8.14	<i>THIRD</i>
4	2100560130028	UTKARSH KUMAR SRIVASTAVA	8.05	<i>FOURTH</i>
5	2200560139008	SATYAM TIWARI	8.05	<i>FOURTH</i>
6	2200560139005	NEELANSHU PANDEY	7.68	<i>FIFTH</i>

Results January 2023 University Examination

TOP FIVE POSITION HOLDERS IT 2nd Year (3rd Semester) 2023-24

SR. NO	ROLL NO.	STUDENT NAME	SGPA	POSITION
1	2200560130007	AMAN JAIN	8.44	<i>FIRST</i>
2	2200560130016	ASHWANI YADAV	8.4	<i>SECOND</i>
3	2200560130062	VIPIN VERMA	8.28	<i>THIRD</i>
4	2200560130014	ARUSHI THAKUR	7.88	<i>FOURTH</i>
5	2200560130045	RUDRANSH SHAHI	7.84	<i>FIFTH</i>

Webinars, Workshops & Seminars organized by Department

“Workshop on Data Analytics using Python”

The Department of Information Technology, BBDNIIT, in association with the Institution of Engineers (India) (IEI) Student Chapter of IT, successfully organized a One-Day Workshop on "Data Analytics Using Python" on 3 January 2024 at Room No. 708, 6th Floor, New Block, BBDNIIT, Lucknow. The workshop was conducted by Mr. Zaid Kamil, Head – IT Training & Solutions, Digipodium, Lucknow, who shared his expertise on the growing importance of Python in data analytics and its applications in solving real-world problems. The session introduced participants to the fundamentals of data analytics, Python programming for data manipulation, and the use of popular libraries for data analysis and visualization. Through interactive demonstrations and practical examples, students gained hands-on exposure to data preprocessing, exploratory data analysis, and visualization techniques. The workshop provided valuable insights into industry-oriented tools and practices, enhancing students' analytical and programming skills while motivating them to explore career opportunities in data science, artificial intelligence, and machine learning. The event witnessed enthusiastic participation from students and faculty members and concluded with an engaging question-and-answer session, making it a highly informative and enriching learning experience for all attendees.



“Workshop on Python Programming”

The **Department of Information Technology, BBDNIIT, Lucknow**, in association with the **Soft Computing Research Society (SCRS)**, successfully organized a **One-Day Workshop on "Python Programming"** on **10 January 2024** at **Room No. 708, 6th Floor, New Block, BBDNIIT, Lucknow**. The workshop was delivered by **Er. Rohit Kumar, Chief Technical Officer, Softpro, Lucknow**, who provided participants with a comprehensive introduction to Python programming and its significance in modern software development, automation, artificial intelligence, and data science. The session covered the fundamentals of Python, including syntax, data types, control structures, functions, and object-oriented programming concepts, followed by hands-on coding exercises that enabled students to apply their learning in real-time. The resource person also highlighted industry best practices, career opportunities, and the growing demand for Python developers across various technology domains. Students actively participated in the interactive sessions, clarified their programming concepts through practical demonstrations, and enhanced their coding skills. The workshop concluded with an engaging question-and-answer session, leaving participants motivated to further explore Python and its diverse applications in emerging technologies.



BBDNIIT

Department of Information Technology, BBDNIIT, Lucknow
in Association with Soft Computing Research Society (SCRS)

Organizing One Day Workshop
on



“Python Programming”

Er. Rohit Kumar
Chief Technical Officer,
Softpro, Lucknow

Wednesday, January 10, 2024
Venue: Room No. 708, 6th Floor New Block, BBDNIIT, Lucknow



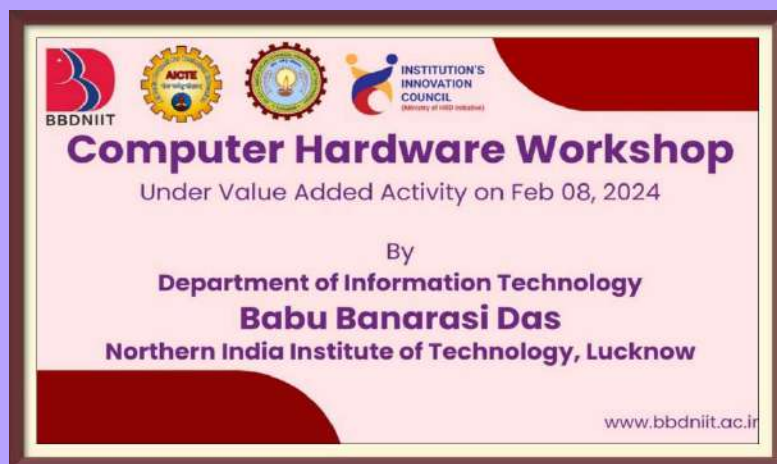
Glimpse of the One Day Workshop on
“Python Programming”
Organized by
Department of Information Technology, BBDNIIT, Lucknow
Wednesday, January 10, 2024



Webinars, Workshops& Seminars organized by Department

The **Department of Information Technology, BBDNIIT, Lucknow**, organized a **Computer Hardware Workshop** as a **Value-Added Activity** on **8 February 2024** with the objective of providing students with practical knowledge of computer hardware components and system maintenance.

The workshop was conducted by experienced faculty members of the department, who demonstrated the architecture of computer systems, identification of hardware components, assembly and disassembly of desktop computers, installation and troubleshooting of hardware devices, BIOS configuration, and preventive maintenance techniques. Students received hands-on training in identifying motherboards, processors, memory modules, storage devices, power supply units, and peripheral interfaces, enabling them to understand the internal functioning of computer systems. The interactive sessions encouraged participants to diagnose common hardware issues, perform basic repairs, and appreciate the importance of hardware compatibility and system optimization. The workshop significantly enhanced the practical skills and technical confidence of the students by bridging the gap between theoretical concepts and real-world applications. The enthusiastic participation of students and the engaging demonstrations made the workshop a highly successful initiative, reinforcing the department's commitment to experiential learning and industry-oriented technical education.



Webinars, Workshops& Seminars organized by Department

The Department of Information Technology, BBDNIIT, Lucknow, organized a **Coding Competition – "Coding Champion (Faster and Focused Coder)"** on 25 April 2024 in the Department of Information Technology with the objective of fostering logical thinking, problem-solving abilities, and programming excellence among B.Tech students.

The competition provided a challenging platform for participants to demonstrate their coding proficiency by solving algorithmic and programming problems within a stipulated time. Students competed enthusiastically by applying their knowledge of programming concepts, data structures, algorithms, and debugging techniques to develop efficient and optimized solutions. The event emphasized speed, accuracy, and logical reasoning while encouraging participants to think critically under time constraints. Faculty members evaluated the submissions based on correctness, efficiency, and coding standards, recognizing outstanding performers for their exceptional programming skills. The competition witnessed active participation from students across different semesters, creating a healthy spirit of innovation, teamwork, and technical excellence. The event not only enhanced students' coding competencies but also motivated them to prepare for technical interviews, competitive programming contests, hackathons, and industry recruitment processes. The Coding Champion competition was a successful initiative that reflected the department's commitment to nurturing technically competent and industry-ready software professionals through experiential and skill-based learning activities.



FDP/MDP Attended by Faculty

Dr. Bhawesh Kumar Thakur.

01 week Faculty Development Programme on “**Curriculum Design for Developing Job related Competencies**” organized by Curriculum Development Centre Department NITTTR, Chandigarh online from **2024-01-15 to 2024-01-19**.

Dr. Kamal Kumar Srivastava

01 week Faculty Development Programme on “**Curriculum Design for Developing Job related Competencies**” organized by Curriculum Development Centre Department NITTTR, Chandigarh online from **2024-01-15 to 2024-01-19**.

Mr. Reetesh Gupta

Attended One week Faculty Development Program (FDP) on "**Curriculum Design for Developing Job related Competencies**" organized by Curriculum Development Centre Department at NITTTR, Chandigarh from January 15, 2024 to January 19, 2024.

Attended One week Faculty Development Program (FDP) on "**Effective curriculum Design & Evaluation**" organized by Curriculum Development Centre Department at NITTTR, Chandigarh from March 18, 2024 to March 22, 2024.

Mr. Praveen Sachan

Attended One week Faculty Development Program (FDP) on "**Curriculum Design for Developing Job related Competencies**" organized by Curriculum Development Centre Department at NITTTR, Chandigarh from January 15, 2024 to January 19, 2024.

Attended One week Faculty Development Program (FDP) on "**AI Evolution: From Foundations to Generative AI**" organized by Microsoft, SAP and AICTE under TechSaksham from February 5, 2024 to February 9, 2024.

Mr. Alok Kumar Singh

Attended One week Faculty Development Program (FDP) on "**Curriculum Design for Developing Job related Competencies**" organized by Curriculum Development Centre Department at NITTTR, Chandigarh from January 15, 2024 to January 19, 2024.

Ms. Priya Sharma

Attended One week FDP on “**AI Evolution: From Foundations to Generative AI**” Organized by Microsoft, SAP and AICTE under TechSaksham from February 5, 2024 to February 9, 2024

Faculty Research Achievement

Congratulations to Dr. Ram Pratap, Associate Professor for presentation of his research paper titled **“A survey paper on fault tolerance in cloud computing environment”** in two days international conference on Computing for Sustainable Innovation Shaping tomorrow's world. held on 16-17 February 2024 at B.N. College of Engineering & Technology, Lucknow.

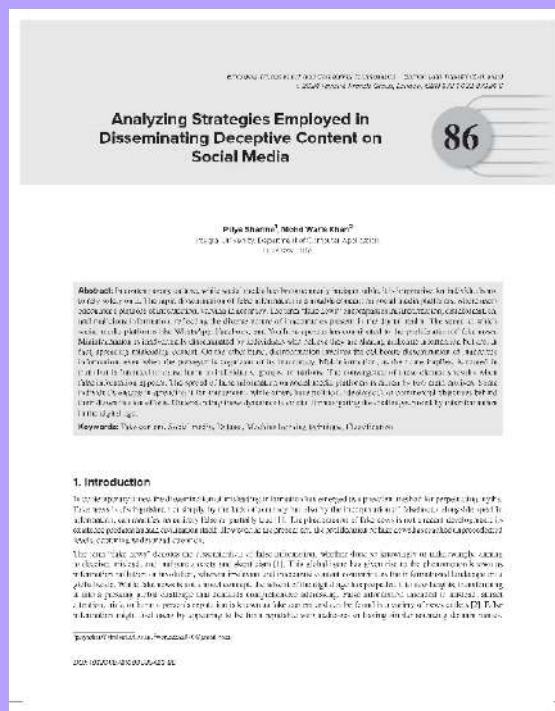


Congratulations to Dr. Kamal Kumar Srivastava, Associate Professor, to present a paper titled **“Modeling of Predictive AI for Maintenance in ports and Shipping”**. In the International Conference on **“Quality Confluence of Biotech, Pharma, Engineering & AI Solutions to Global Problems”** held on 19th and 20th April 2024 at Khwaja Moinudding Chisti Language University, Lucknow.

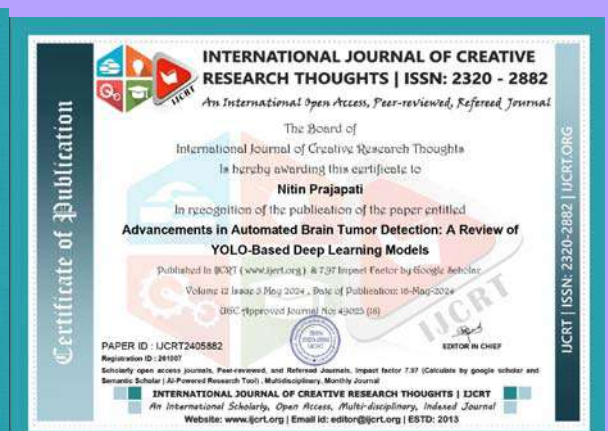


Faculty Research Achievement

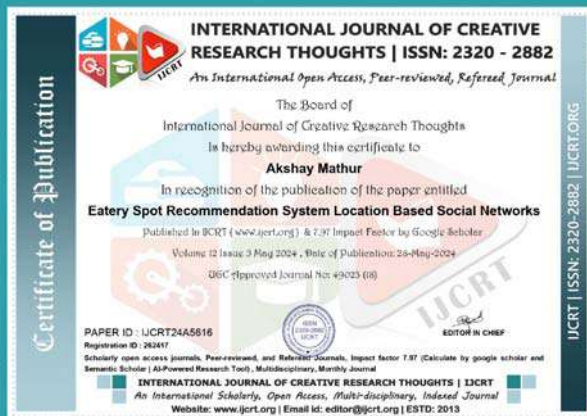
Ms. Priya Sharma, Associate Professor, presented her research paper titled "Analyzing Strategies Employed in Disseminating Deceptive Content on Social Media" at the 2nd International Conference on Emerging Trends in IoT & Computing Technologies (ICEICT-2023). The conference was organized by Goel Institute of Technology & Management (GITM), Lucknow, in association with CRC Press (Taylor & Francis Group) on 12–13 January 2024. The conference proceedings were indexed in Scopus, providing an excellent platform for showcasing innovative research and promoting academic collaboration in emerging areas of computing and information technology.



Student Publications







Student Achievements



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHUBHAM KUMAR CHAUDHARY
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **83 %**

Online Assignments	23.92/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 12566


Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2024
(8 week course)


Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur




Roll No: NPTEL24H526S360700123 To verify the certificate No. of credits recommended: 2 or 3



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ABHISHEK TIWARI
for successfully completing the course

Patent Law for Engineers and Scientists

with a consolidated score of **66 %**

Online Assignments	20.63/25	Proctored Exam	45.74/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1132


Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
(12 week course)


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras




Roll No: NPTEL24H546S560700157 To verify the certificate No. of credits recommended: 3 or 4



NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHUBHAM KUMAR CHAUDHARY
for successfully completing the course

Patent Law for Engineers and Scientists

with a consolidated score of **56 %**

Online Assignments	21.56/25	Proctored Exam	34.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1132


Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
(12 week course)


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras




Roll No: NPTEL24H560S560700138 To verify the certificate No. of credits recommended: 3 or 4



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ABHISHEK TIWARI
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **85 %**

Online Assignments	23.92/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 12566


Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2024
(8 week course)


Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur




Roll No: NPTEL24HS26S360700188 To verify the certificate No. of credits recommended: 2 or 3

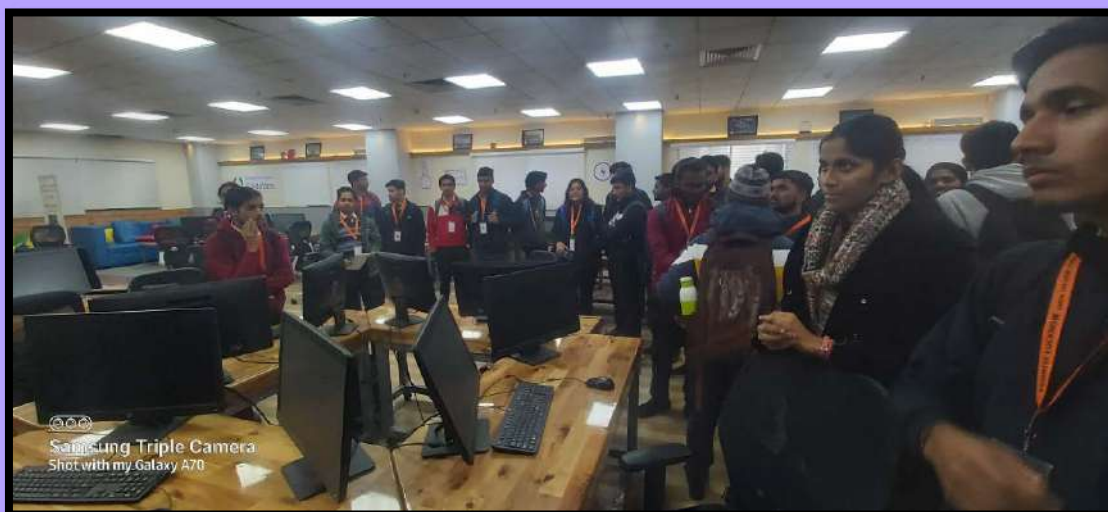



Industrial Visits

The **Department of Information Technology, BBDNIIT, Lucknow**, organized an **Industrial Visit to the Dr. A.P.J. Abdul Kalam Technical University (AKTU) Innovation Hub, Lucknow**, for B.Tech students with the objective of providing practical exposure to emerging technologies and innovation-driven industrial practices.

During the visit, students explored state-of-the-art laboratories, advanced manufacturing facilities, robotics and automation systems, CNC machining centers, smart manufacturing technologies, IoT-enabled solutions, and collaborative innovation spaces. Experts from the Innovation Hub demonstrated the functioning of industrial robots, advanced machining equipment, rapid prototyping technologies, and modern research facilities, while also explaining their real-world applications in Industry 4.0. Students were introduced to various incubation initiatives, startup support mechanisms, and opportunities for innovation, entrepreneurship, and product development available through the Innovation Hub. The visit also included interactive sessions with technical experts, enabling students to gain valuable insights into current industry trends, research activities, and the importance of interdisciplinary collaboration in solving real-world engineering challenges. The industrial visit successfully bridged the gap between classroom learning and industrial applications, inspiring students to enhance their technical competencies, innovation mindset, and entrepreneurial aspirations. The visit proved to be an enriching learning experience and reaffirmed the department's commitment to providing experiential learning opportunities that prepare students for successful careers in the rapidly evolving technology landscape.







BBDNIIT CAREER GUIDANCE CELL

Organized Abroad Education Opportunities Session
for Undergraduate students

In association with



idp INTERNATIONAL
EDUCATION
SPECIALISTS

At Hotel Taj, Lucknow

