

CSE Times NEWSLETTER

OF DEPARTMENT CSE
2024-2025 1st EDITION

BBDITM



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BABU BANARASI DAS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(FORMERLY KNOWN AS BABU BANARASI DAS NATIONAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT)

DEPARTMENT OF C.S.E

- The department offers **B.Tech (CSE)** with an intake of **240 students**, affiliated with **Dr. A.P.J. Abdul Kalam Technical University, Lucknow**, and is known for its excellence in education and research.
- It has highly qualified faculty specializing in various domains like **Machine Learning, Data Mining, and Software Engineering**, with numerous research publications in reputed journals.
- The department has strong industry collaborations with companies like **TCS, IBM, and HP**, ensuring excellent placement opportunities for students in top **MNCs and PSUs**.
- The Computer Forum, run by CSE & IT students, conducts **technical tests, quizzes, and workshops**, helping students enhance their problem-solving and communication skills.



BBD City, Ayodhya Road, Lucknow, UP-226028 India



www.bbdnitm.ac.in

VISION & MISSION

VISION OF DEPARTMENT

"To produce globally competent professionals having social values and commitment to serve the global needs with the ability to work in an interdisciplinary environment."



MISSION OF DEPARTMENT

- To impart quality education to the students to enhance their ethical, professional and leadership qualities to make them globally competitive.
- To create a conducive environment in which students can explore computational problems and analyze them to identify the optimal solutions.
- To strive for continual enhancement of technical knowledge & innovation through industry interface to accomplish global needs

VISION OF INSTITUTE

"To become a leading institute of providing professionally competent and socially responsive technocrats with high moral values."



MISSION OF INSTITUTE

- To create an eco-system for the dissemination of technical knowledge, to achieve academic excellence.
- To develop technocrats with creative skills and leadership qualities, to solve local and global challenges.
- To impart human values and ethics in students, to make them socially and ecofriendly responsible.



PSO'S & PEO'S OF DEPARTMENT

PROGRAM SPECIFIC OUTCOMES (PSOs)

- Able to design and implement the data structures and algorithms to deliver quality software products.
- Able to apply Artificial Intelligence and Machine Learning to solve society - related needs.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO-1: Problem-Solving and Analytical Thinking:** To apply computing principles to analyze complex problems, design effective solutions, and implement them to meet global standards.
- **PEO-2: Global Competitiveness and Technology Advancement:** To develop cutting-edge technology-driven projects that address global needs, foster a culture of continual enhancement and drive innovative solutions.
- **PEO-3: Sustainable Leadership and Responsible Innovation:** To demonstrate effective leadership, collaboration, and a deep understanding of the societal implications of technology, leading to responsible and sustainable outcomes.

PUBLICATIONS OF FACULTY

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BOOK PUBLISHED BY FACULTY

- Dr. Diwakar Yagyasen authored a book chapter titled "Predicting Resilience of Blood Groups Against COVID-19 Delta Variant Using Machine Learning" in the book "Advanced Research in Electronic Devices for Biomedical and mHealth" (ISBN: 9781003424666).
- Richa Verma published the book "Proceedings of International Conference on Recent Innovations in Computing" (eBook ISBN: 978-981-97-7862-1, Print ISBN: 978-981-97-7861-4).

PATENTS BY FACULTY

- Richa Verma has been granted a patent for "Assessment Device," showcasing innovation in assessment technology.

"Self Confidence
in psychological

FACULTY DEVELOPMENT PROGRAM

- Amit Kumar Sachan attended the FDP "Significance of Emerging Technologies and Intellectual Property Rights" from Dec 16 – Dec 20, 2024, organized by Mangalmay Institute of Management and Technology, Gr. Noida.
- Ankit Singh completed a 3-month FDP on Java Automation, organized by Udemy.
- Dr. Diwakar Yagyasen attended the FDP "Software Conceptual Design", organized by AICTE-NPTEL (Aug – Sep 2024).
- Dr. Diwakar Yagyasen participated in the FDP "Google Cloud Computing Foundations", organized by AICTE-NPTEL (Aug – Oct 2024).
- Dr. Diwakar Yagyasen attended the FDP "Quantum Machine Learning: Bridging the Gap Between Quantum Computing and AI", organized by AICTE Training and Learning (ATAL) Academy) at Raj Kumar Goel Institute of Technology (Jan 6 – Jan 11, 2025).
- Richa Verma completed the FDP "ML with Python", organized by E&ICT Academy, Kanpur (12 days).
- Richa Verma attended the FDP "Building Web Development Solutions with Cloud Computing", organized by Edunet Foundation & AICTE (5 days).



- Ms. Padmini Mishra participated in the FDP "Building Web Development Solutions with Cloud Computing", organized by Next Gen Employability Program (Edunet AICTE) (Nov 4 – Nov 8, 2024).
- Dipti Ranjan attended the FDP "MERN Stack Web Development", organized by TechSaksham Program (Microsoft Edunet AICTE) (Nov 25 – Nov 29, 2024).
- Archana Dwivedi participated in the FDP "Applied AI: Practical Implementations", organized by Microsoft India, SAP India & AICTE, TechSaksham (Nov 8 – Nov 22, 2024).
- Richa Verma participated in the FDP "Statistics for Industrial Data Analysis", organized by ATAL Academy (5 days).
- Ms. Padmini Mishra attended the FDP "Machine Learning with Python", organized by E & ICT Academy, IIT Kanpur (July 22 – Aug 3, 2024).

PUBLICATIONS OF STUDENTS

- **Gargi Porwal** - Credit Risk Model: Research on Credit Risk Categorization Model using XGBoost, published in International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930, Volume 09, Issue 03, March 2025.
- **Puneet Singh** - Credit Risk Model: Research on Credit Risk Categorization Model using XGBoost, published in International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930.
- **Aniruddh Mishra** - BioStamp: An IoT-Enabled Automated Physical Stamping System, ISSN: 8.

INTERNSHIP (2024-2025)

- Sapna Kumari completed an internship as a MERN Stack Developer at ShapeMySkill, where she worked on building web applications using MongoDB, Express.js, React.js, and Node.js.
- Aniruddh Mishra worked as a Software Developer Engineer Intern at Research Design and Standard Organisation (RDSO), where he contributed to software development and optimization tasks.





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COMPUTER WING

No. Comp/5.12/S/W/2024

Date 07.08.2024

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Aniruddh Mishra**, B. Tech -III Yr, Computer Science Engineering, student of Babu Banarasi Das Institute Of Technology And Management, Lucknow (U.P.), had started his Internship in Computer Wing on 02.07.2024. He has completed his training on 07.08.2024.

Mr. Aniruddh Mishra was assigned the project on "User's Activity Log". He has designed and completed the project successfully. Mr. Aniruddh Mishra has taken keen interest during his training in RDSO.

His performance has been **excellent**. We wish him every success in his future career.

(Anubhav Agrawal)
Director/Computer



SPORTS & CULTURAL FEST (2024-2025)

- Sapna Kumari secured 1st and 2nd positions in various volleyball events, demonstrating excellence in sports.
- Shubham Kumar Dubey secured 3rd position in the AKTU Zonal Robo Sumo competition held at Allen Institute of Technology, Kanpur.
- Shubham Kumar Dubey participated in a Robo Workshop at BBD ITM, gaining hands-on experience in robotics.
- Shubham Kumar Dubey showcased his projects in the Software Exhibition at BBD University, highlighting his technical skills.
- Shubham Kumar Dubey attended an AI Workshop organized by GDGC On Campus, expanding his knowledge in artificial intelligence.
- Shubham Kumar Dubey participated in Utkarsh Fest 2025, an in-campus event, engaging in various technical and cultural activities.



SPORTS & CULTURAL FEST (2024-2025)



EDITORIAL BOARD

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FACULTY COORDINATOR

- **Dr. Anurag Tiwari, Associate Professor & Head, CSE Department**
- **Ms. Padmini Mishra, Assistant Professor, CSE Department**

STUDENT COORDINATOR

- **Rajiv Ranjan Malviya**
- **Manash Mishra**



Thank
you!