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Magazine – CSE Department

BBD City, Ayodhya Road,
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June
2023-24

DEPARTMENT



- With thep assage of timeand expansion,the department has succeeded in carvingout aplace of distinction not just inside the institution, but also among its peers across the country.
- It has attracted bright students from all over the country for quality education in computer science and engineering. The department provides a vibrant educational environment.
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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 analyse 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

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MISSION OF INSTITUTE

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- 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 eco friendly responsible.

BBDITM

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- 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 OUTCOMES (PEOs)

- **PEO-1:Problem-Solving andAnalytical 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.

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MR. VIRAJ SAGAR DAS

President BBD GROUP, President, UP Badminton Association Vice President, India Badminton Association

PUBLICATIONS

- The paper entitled ReformDe ntistry: A web-based platformforrevolutionizingdentistry by MR. VINEET AGARWAL Published in"INTERNATIONAL CONFERENCE ON ADVANCES IN EMERGING TRENDS IN COMPUTER APPLICATIONS (ICAETC-2023)" ISSN No.: 1

- The paper entitled Reform Dentistry: Gesture Speak: Sign Language Recognition by Mr. Amit Kumar Sachan Published in "INTERNATIONAL CONFERENCE ON ADVANCES IN EMERGING TRENDS IN COMPUTER APPLICATIONS (ICAETC-2023)" ISSN No.: 1

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- **The paper entitled Reform Dentistry: MobileNet-v3 : Early Stage Lung Cancer Detection Using RESNET by Dr. Vinayak Published in "INTERNATIONAL CONFERENCE ON ADVANCES IN EMERGING TRENDS IN COMPUTER APPLICATIONS (ICAETC-2023)" ISSN No.: 1**

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- **The paper entitled Creating Intuitive Teaching Methods for Advanced Mathematics Education: Original Approaches to Simplify Successive Differentiation by Dr. Ram Bhushan published in Journal of Science Innovations and Nature of Earth ISSN No.: 25-83-2293, Volume: 4, Pages: 13-16.**



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INTERNATIONAL CONFERENCE ON
ADVANCES IN EMERGING TRENDS IN COMPUTER APPLICATIONS (ICAETC-2023)

On December 21–22, 2023

Organised by
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Vinayak Shukla

For his/her Paper titled

Emerging Trends in Store Management System Software : A Comprehensive Review

In International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), organized by the Department of Computer Science and Engineering, Babu Banarasi Das Institute Of Technology And Management, Lucknow on 21 -22 December 2023.

Dr. Anurag Tiwari, Head CSE & Convener
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PUBLICATIONS



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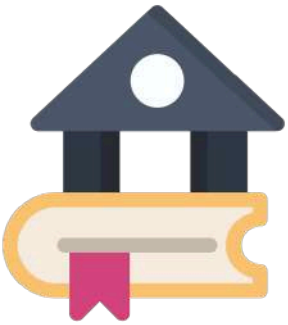
Ankit Singh

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Influence of Artificial Intelligence on the Evolution of Coding Languages

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CREATING INTUITIVE TEACHING METHODS FOR ADVANCED MATHEMATICS EDUCATION: ORIGINAL APPROACHES TO SIMPLIFY SUCCESSIVE DIFFERENTIATION

Pawan Kumar[1], Shivesh Mani Tripathee *[1], Ram Bhushan[2]

[1]Department of Applied Sciences and Humanities, IET, Dr Shakuntula Misra National Rehabilitation University, Lucknow, 226017, India

[2]Department of Computer Science and Engineering, Babu Banarasi Das, Institute of Technology and Management Lucknow, India

Corresponding Author E-mail: shiveshmanitripathee@gmail.com

Abstract

This study strives to transform advanced mathematics education through the introduction of original and intuitive teaching methods for successive differentiation. Using innovative methods, the goal of this research to simplify the complex situation of this concept, through which learners ensure better associability. This research explores unique pedagogical techniques and strategies which focusing on improving the clarity and understanding. In this paper we are discussing common difficulties in understanding successive differentiation; the aim proposed methods is to improve the whole learning experience. This research combines theoretical understandings with real world applications, which promotes a deeper understanding of successive differentiation. The aim of this research is to give valuable methods for teachers or educators and students, contributing to a more engaging and effective learning environment in the field of advanced mathematics.

Keywords : Intuitive teaching methods, advanced mathematics, successive differentiation.

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Introduction

In the field of advanced mathematics education, this study presents a ground breaking initiative centred on idea of intuitive or innovative teaching methods for the concept of successive differentiation. The objective is to change the traditional and old approach, making this complex mathematical idea more accessible and understandable for students. [Fischbein (1987), Giant (2001), Rösken & Rolka (2007)]. By implementing of innovative and creative teaching techniques, the aim of this research is to simplify the difficulties associated with successive differentiation. By addressing the common difficulties in understanding this mathematical concept, the proposed methods are designed to significantly improve the whole educational experience. The study looks into the development of original methodologies and creates unique technique, maintaining transparency and developing a deep understanding of successive differentiation. This research combines theoretical understandings with real world applications to provide a comprehensive view which improves learning experience.

This research aims to offer useful tools for both educators and students with a dedication to bridging the gap between theory and real world applications. (Tall, 1991). The main goal of this research is to establish a more effective learning environment to engage the educators and students so that it can be catalyze a shift in such a way that successive differentiation is taught and absorbed in advanced1. mathematics education. Our aim is to establish the foundation for a revolutionary learning experience in advanced mathematics by this innovative research.

Literature Review

The process of differentiating a function more than one times with respect to the same variable is called Successive differentiation. Its main objective is to analyse higher-order derivatives in order provide better understandings of the behaviour of the functions through which one can obtain information on slope, concavity, and point of inflexion and can aid up the understanding of changing rates. This is helpful in much discipline such as physics, engineering, and related fields where deep study of system or function behaviour is more important. The rate of change of the (n-1)th derivative is given mathematically by nth derivative. The applications of successive differentiation include solving differential equations through variety of scientific and engineering contexts, optimization, Taylor series expansions, and across

Performances of Previous Methods

The method of successive differentiation also known as repeated differentiation more than one time that is a mathematical technique or method which is used for determining higher-order derivatives terms of a function. Its effectiveness depends on the complexity of the function and the degree of the differentiations applied. [Hadamard (1945)]. We are giving some points to modify performance of teaching method on successive differentiation:

Precision: By applying intuitive teaching method to determine higher order differentiations, the application of successive differentiation can give more precise and accurate results for standard functions [Giant D (2001)].

APPRECIATION
OF FACULTY

Some of the faculties were appreciated for their tremendous work, outstanding performance and astonishing efforts towards the students' development, overall growth and beneficiary steps for the BBDITM Institution and its well-being. Below are the names of the faculties that were appreciated by our BBDITM Institution:-

- **Dr. Diwakar Yagyasen (CSE)**
- **Mr. Sandeep Mishra (CSE)**
- **Ms. Padmini Mishra (CSE)**

Student's in TECHNICAL EVENTS

Some of the students outshined and bagged specific participation and position in some of the respective technical events and brought happiness and pride to BBDITM institution. The name of the students are mentioned below:-

S.N	Name Of The Student	Name Of The Event	State /National/ International Level	Date Of Event	Name Of The Award If Any
1	Shikhar Nigam	Bug Thug	State Level	17-Apr-2024	1st Position
2	Satyam Mishra	Microsoft Campus Visit tour	National Level	17-Feb-2024	Best Microsoft Student Ambassador

FACULTY DEVELPMENT PROGRAM

MR.VINEET AGARWALfrom CSE,BBDITM LUCKNOW participated in 10 daysFaculty DevelopmentProgram on ADAVANCE TOOLS AND TECHNIQUES FORRESEARCH METHODOLOGY.

Organized by: RESEARCH FOUNDTION OF INDIA & RFI-CARE.

- **MR. VINAYAK from CSE, BBDITM LUCKNOW participated in 1 day Faculty Development Program on Python for Data Science.**
  Organized by: INFOSYS SPRINGBOARD.
- **MR. VINAYAK from CSE, BBDITM LUCKNOW participated in 3 days Faculty Development Program on Data Visualisation using Python.**
  Organized by: INFOSYS SPRINGBOARD.
- **MR. VINAYAK from CSE, BBDITM LUCKNOW participated in 1 day Faculty Development Program on Basics of Linear Algebra using Python.**
  Organized by: INFOSYS SPRINGBOARD.

- **Mr. Vineet Agarwal, from the Department of Computer Science & Engineering, BBDITM, Lucknow, successfully participated in a 10-day Faculty Development Program on "Advanced Tools and Techniques for Research Methodology," held from 15th January 2024 to 24th January 2024.**
  Organized by: *Research Foundation of India & RFI-CARE.*
- **Mr. Deepak Pant, from the Department of Computer Science & Engineering, BBDITM, Lucknow, successfully completed a Faculty Development Program on "Machine Learning with Python," conducted from 22nd July 2024 to 3rd August 2024.**
  Organized by: *E & ICT Academy, IIT Kanpur (A Joint initiative of MeitY & IIT Kanpur).*

FACULTY DEVELPMENT PROGRAM

- **Ms.Pritee Mishra, fromthe Department of Computer Science & Engineering,BBDITM, Lucknow, successfully completed a certification course on "Software Engineering andAgile Software Development" on 22nd July 2024.**
  Organized by: *Infosys Springboard.*
- **Ms. Pritee Mishra, from the Department of Computer Science & Engineering, BBDITM, Lucknow, successfully completed a course on "Continuous Integration and Delivery – DevOps" on 25th July 2024.**

  Organized by: *Infosys Springboard.*
- **Ms. Richa Verma, from the Department of Computer Science & Engineering, RITM, Lucknow, successfully participated in a one-week National Level Faculty Development Program on "Artificial Intelligence Beyond Today: Exploring Emerging Trends and Possibilities" from 5th January 2024 to 10th January 2024.**
  Organized by: *Department of CSE, Chandigarh University (in hybrid mode).*







FACULTY DEVELPMENT PROGRAM











PUBLICATIONS

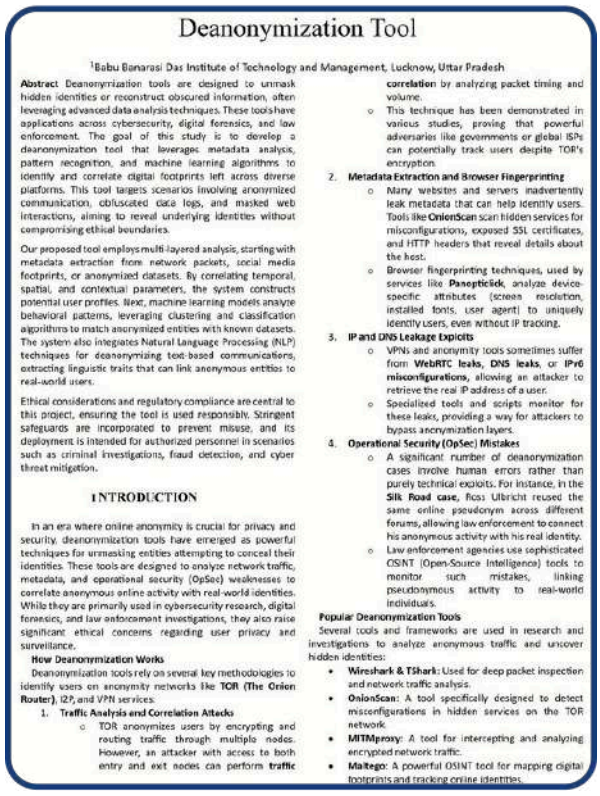
- AryaSrivastava, PalakChaubey, Manasvi Sonkar, "Approach to Recognize Fake News", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), ISSN no.5.
- Rohit Singh, "Detection of Phishing attacks using machine Learning", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), ISSN No.141.
- Willia Yameen, "Health : Personalised Android Health Applications using AI", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), ISSN No.7.
- Anuj Singh, "Educational Electroal Process : The Role of "Smart Voting System", 2023 International Conference on Advances in Emerging Trends Computer Applications (ICAETC-2023), ISSN No.5.
- Shreya Singh, "Agriculture : Soil Analysis for Suitable Crop and Fertilizer prediction", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), ISSN no.163.
- Shashank Pratap Maurya, "Phishing website detection using ML", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Sameer, "A Comprehensive Review on Tomato Plant Disease Detection using Convolutional Neural Network", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Rudra Pratap Singh, "A Comprehensive Review on Tomato Plant Disease Detection using Convolutional Neural Network", 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).

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- Uday Bhan Mishra, “Fishing website detection using Ai and Ml”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Shubham Vishwakarma, “Potato Leaf Disease Classification & Prediction Using CNN”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Uday Pratap Singh, “Potato Leaf Disease Classification & Prediction Using CNN”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Satyam Srivastava, “Phishing Website Detection Using ML ”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Vinayak Pandey, “Potato Leaf Disease Classification & Prediction Using CNN ”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).
- Rasheeq Zehra, “MobileNet-v3 : A Comprehensive Survey of Object Detection Algorithms Using CNN ”, 2023 International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023).

PUBLICATIONS

- **The paper entitled *Deanonymization Tools* by Yashwant Kumar Sharma published in IEEE Transactions on Information Forensics and Security (TIFS) ISSN No.: 1556-6013 (Print), 1556-6021 (Online).**
- **The paper entitled *Digital Dwelling Hub: Revolutionizing Real Estate with AR and Smart Home Integration* by Tanya Singh & Vaibhav Srivastava published in ICAETC.**



Deanonymization Tool

[1]Babu Banarasi Das Institute of Technology and Management, Lucknow, Uttar Pradesh

Abstract Deanonymization tools are designed to unmask hidden identities or reconstruct obscured information, often leveraging advanced data analysis techniques. These tools have applications across cybersecurity, digital forensics, and law enforcement. The goal of this study is to develop a deanonymization tool that leverages metadata analysis, pattern recognition, and machine learning algorithms to identify and correlate digital footprints left across diverse platforms. This tool targets scenarios involving anonymized communication, obfuscated data logs, and masked web interactions, aiming to reveal underlying identities without compromising ethical boundaries.

Our proposed tool employs multi-layered analysis, starting with metadata extraction from network packets, social media footprints, or anonymized datasets. By correlating temporal, spatial, and contextual parameters, the system constructs potential user profiles. Next, machine learning models analyze behavioral patterns, leveraging clustering and classification algorithms to match anonymized entities with known datasets. The system also integrates Natural Language Processing (NLP) techniques for deanonymizing text-based communications, extracting linguistic traits that can link anonymous entities to real-world users.

Ethical considerations and regulatory compliance are central to this project, ensuring the tool is used responsibly. Stringent safeguards are incorporated to prevent misuse, and its deployment is intended for authorized personnel in scenarios such as criminal investigations, fraud detection, and cyber threat mitigation.

INTRODUCTION

In an era where online anonymity is crucial for privacy and security, deanonymization tools have emerged as powerful techniques for unmasking entities attempting to conceal their identities. These tools are designed to analyze network traffic, metadata, and operational security (OpSec) weaknesses to correlate anonymous online activity with real-world identities. While they are primarily used in cybersecurity research, digital forensics, and law enforcement investigations, they also raise significant ethical concerns regarding user privacy and surveillance.

How Deanonymization Works

Deanonymization tools rely on several key methodologies to identify users on anonymity networks like **TOR (The Onion Router)**, I2P, and VPN services:

1. **Traffic Analysis and Correlation Attacks**
   - TOR anonymizes users by encrypting and routing traffic through multiple nodes. However, an attacker with access to both entry and exit nodes can perform **traffic correlation** by analyzing packet timing and volume.
   - This technique has been demonstrated in various studies, proving that powerful adversaries like governments or global ISPs can potentially track users despite TOR's encryption.
2. **Metadata Extraction and Browser Fingerprinting**
   - Many websites and servers inadvertently leak metadata that can help identify users. Tools like **OnionScan** scan hidden services for misconfigurations, exposed SSL certificates, and HTTP headers that reveal details about the host.
   - Browser fingerprinting techniques, used by services like **Panopticlick**, analyze device-specific attributes (screen resolution, installed fonts, user agent) to uniquely identify users, even without IP tracking.
3. **IP and DNS Leakage Exploits**
   - VPNs and anonymity tools sometimes suffer from **WebRTC leaks, DNS leaks**, or **IPv6 misconfigurations**, allowing an attacker to retrieve the real IP address of a user.
   - Specialized tools and scripts monitor for these leaks, providing a way for attackers to bypass anonymization layers.
4. **Operational Security (OpSec) Mistakes**
   - A significant number of deanonymization cases involve human errors rather than purely technical exploits. For instance, in the **Silk Road case**, Ross Ulbricht reused the same online pseudonym across different forums, allowing law enforcement to connect his anonymous activity with his real identity.
   - Law enforcement agencies use sophisticated OSINT (Open-Source Intelligence) tools to monitor such mistakes, linking pseudonymous activity to real-world individuals.

Popular Deanonymization Tools

Several tools and frameworks are used in research and investigations to analyze anonymous traffic and uncover hidden identities:

- **Wireshark & TShark:** Used for deep packet inspection and network traffic analysis.
- **OnionScan:** A tool specifically designed to detect misconfigurations in hidden services on the TOR network.
- **MITMproxy:** A tool for intercepting and analyzing encrypted network traffic.
- **Maltego:** A powerful OSINT tool for mapping digital footprints and tracking online identities.



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Tanya Singh

For his/her Paper titled

Digital Dwelling Hub:Revolutionizing Real Estate with AR and Smart Home Integration

In International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023), organized by the Department of Computer Science and Engineering, Babu Banarasi Das Institute Of Technology And Management, Lucknow on 21 -22 December 2023.

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Digital Dwelling Hub: Revolutionizing Real Estate with AR and Smart Home Integration

Rajeev Srivastava
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India.
rajeevsrivast@bbdnitm.ac.in

Tanya Omar
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India;
tanyaomar238@gmail.com

Tanya Singh
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India;
tiistanya1503@gmail.com

Vaibhav Srivastava
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India;
vaibhavsrivastava0803@gmail.com

Suraj Chhetri
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India;
surajchhetri937@gmail.com

Shaurya Kumar
Department of Computer Science and Engineering
Babu Banarasi Das Institute of Technology and Management
Lucknow, India;
shauryakumar852002@gmail.com

Abstract

The uprising potential of augmented reality (AR) technology in the real estate business is examined in this thorough review article. It highlights the prospects modern technologies bring to potential purchasers while acknowledging their influence on interior design, decision-making processes, and the visualization of properties. These apps provide safe and effective ways for people to find homes that fit their needs, modernized property searches and transactions. The analysis also emphasizes how important internet real estate applications are, especially in times of crisis like the COVID-19 outbreak. In-depth investigation of realistic AR integration, highly developed data analytics, efficient blockchain-based transactions, machine learning for fraud detection, and the evaluation of user experience and acceptability are among the important study fields the report highlights for the future. It also emphasizes how crucial it is to take ethical and legal issues into account, understand market dynamics and economic effects, carry out comparative research, have a global viewpoint, and look at the long-term effects of technology adoption in the real estate industry. This article offers academics and business experts a road map for addressing the changing demands of the real estate sector via ethical and technical innovation. In conclusion, the incorporation of AR technology into the real estate industry, in conjunction with technological integration overall has the potential to providea more transparent, knowledgeable, and adaptable market.

Keywords: Augmented Reality, Real Estate, MERN Stack

Introduction

The "Digital Dwelling Hub" project is a ground breaking initiative leveraging the MERN stack, augmented reality (AR) restructure the way users interact with both their living spaces. The MERN stack used in this project forms the core foundation, employing Node.js is used for efficient real- time data processing, For robust backenddevelopment Express is used , React for an intuitiveuser interface, and MongoDB for seamless data management.

This not only facilitates remote learning but also provides an innovative way for users to explore potential living spaces, creating a dynamic and engaging experience. The integration of virtual reality takes the user experience to new heights by immersing users in digital environments tailored for virtual rooms and realistic previews of accommodations.

Augmented reality, on the other hand, enhances the physical world with digital overlays, enhancing overall experiences and improving various home-related services.

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Online Assignments 20.67/25 Proctored Exam 47.12/75
Total number of candidates certified in this course: 1852
Prof. Devendra Jalihal
Jul-Aug 2023
(4 week course)
Prof. Andrew Thangaraj
Indian Institute of Technology Madras
swayam
Roll No: NPTEL23MG72S45810021
To verify the certificate
No. of credits recommended: 1 or 2


Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
RASHEEQ ZEHRA
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of 63 %
Online Assignments 22.47/25 Proctored Exam 40.5/75
Total number of candidates certified in this course: 9793
Jul-Oct 2022
(12 week course)
Prof. Debjani Chakraborty
Indian Institute of Technology Kharagpur
swayam
Roll No: NPTEL22CS96S43360790
To validate the certificate
No. of credits recommended: 3 or 4


NPTEL Online Certification
This certificate is awarded to
VARTIKA RAJ
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of 54 %
Online Assignments 24.13/25 Proctored Exam 30/75
Total number of candidates certified in this course: 6573
Prof. Jayanta Mukhopadhyay
Jan-Apr 2022
(12 week course)
Prof. Debjani Chakraborty
Indian Institute of Technology Kharagpur
swayam


Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
ARUSHI JAISWAL
for successfully completing the course
Programming in Java
with a consolidated score of 61 %
Online Assignments 24.31/25 Proctored Exam 36.23/75
Total number of candidates certified in this course: 14693
Jan-Apr 2024
(12 week course)
Prof. Haimanti Banerji
Indian Institute of Technology Kharagpur
swayam


Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
AHAN RAJ
for successfully completing the course
Programming in Java
with a consolidated score of 71 %
Online Assignments 24.63/25 Proctored Exam 46.68/75
Total number of candidates certified in this course: 14693
Jan-Apr 2024
(12 week course)
Prof. Haimanti Banerji
Indian Institute of Technology Kharagpur
swayam
Roll No: NPTEL24CS43S1060700265
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
AYUSH VERMA
for successfully completing the course
Programming in Java
with a consolidated score of 41 %
Online Assignments 10.66/25 Proctored Exam 30/75
Total number of candidates certified in this course: 14693
Jan-Apr 2024
(12 week course)
Prof. Haimanti Banerji
Indian Institute of Technology Kharagpur
swayam
Roll No: NPTEL24CS43S960700022
To verify the certificate
No. of credits recommended: 3 or 4

INTERNSHIPS

- Willa Yameen successfully completing the Internship in "Web Developer" through “CodeSoft” organization, Duration - 8 weeks.
- Anuj Singh successfully completing the Internship in "Enhancing Electoral Processes: The Role of “Smart Voting Systems" through “BBDITM” organization, Duration - 8 weeks.
- Shreya Singh successfully completing the Internship in "Online Movie Booking System" through “iNeuron” organization, Duration - 10 weeks.
- Aarohi Rai successfully completing the Internship in "EasyQ" through “Infosys Springboard” organization, Duration - 18 weeks.
- Arya Srivastava successfully completing the Internship in "Approach to Recognize Fake News" through “Babu Banarasi Das Institute of Technology and Management Lucknow” organization, Duration - 4 weeks.
- Arya Srivastava successfully completing the Internship in "Python With Data Science" through “Digipodium, Lucknow” organization, Duration - 4 weeks.
- Palak Chaubey successfully completing the Internship in "Core java" through “Make career” organization, Duration - 4-5 weeks.
- Manasvi Sonkar successfully completing the Internship in "Core java" through “MakeWell Career Academy ” organization, Duration - 4-6 weeks.
- Shashank Pratap Maurya successfully completing the Internship in "Machine Learning " through “CodSoft” organization, Duration - 4 weeks.

INTERNSHIPS

- Sameer successfully completing the Internship in "Web Developmen through “CodSoft” organization, Duration - 4 weeks.
- Rudra Pratap Singh successfully completing the Internship in "We Development" through “Oasis Infobyte” organization, Duration - 4 weeks.
- Rasheeq Zehra successfully completing the Internship in "Mern Stac development " through “Oasis Digipodium” organization, Duration - weeks.
- Samriddhi Srivastava successfully completing the Internship i "Aptitude test " through “Flipkart Runway ” organization, Duration - 17- March-2024 - onward
- Manash Mishra successfully completed th eInternshipas"IT Support Intern" through "Nagar Panchayat Karari Kaushambi, Uttar Pradesh" Duration - 13 weeks.
- Sapna Kumari successfully completed an 80-hour training program on "MERN Stack & DSA" from 18th July 2024 to 30th August 2024, conducted by ShapeMySkills by Ducat, Noida, in association with Babu Banarasi Das Institute of Technology & Management.
- Ayush Verma successfully completed the Virtual Internship Program in "Web Development" through "Bharat Intern" as an active participant from 10th December 2023 to 10th January 2024.
- Mohd Iliyas successfully completed the Internship as "Web Development Intern" through "Sudaku CodeClause Private Limited (an ISO 9001:2015 certified organization)" from 1st December 2024 to 1st January 2025.

INTERNSHIPS



digipodium

To Whomsoever It May Concern

This is to inform you that **Rasheeq Zehra** has completed her/his Summer Internship. Details are as follow:

Project	: ParkEasy - Parking slot booking system
Technology	: MERN Stack Development
Duration	: Jul'23 - Aug'23

For any further details please contact the undersigned.

Regards,

Director
Digipodium
9415082377

Digipodium, Lower Ground Floor, Raja ram Kumar Plaza, Behind Moti Mahal Restaurant, Hazratganj, Lucknow-226001.



MAKECAREER academy

TO WHOM IT MAY CONCERN

Date: 10/11/2023

This is to certify that PALAK CHAUBEY underwent her Internship in "CORE JAVA" at Makecareer Academy from July_2023 – Aug 2023 under the guidance of Mr.Gaurav Dixit(IT Trainer)

During her internship, she has shown keen interest to learn in his field. She was very responsible and committed in her duties and tasks, thereby fulfilling most of our job functions. We believe, if given the opportunity, she will further do better in his work and career in the Development Field.

We wish to express our sincere gratitude for all his contributions to Makecareer Academy and we hope that she will be successful in all her future endeavours.

Phone. Email. Address. 68 SAS House 2nd Floor Sapnumarg, Lucknow-226001



ShapeMySkills by DUCAT

SHAPEMYSKILLS BY DUCAT

(An ISO 9001:2015 Certified Company)

Certificate of Training

This is to certify that

SAPNA KUMARI

has successfully completed 80 hour training program on

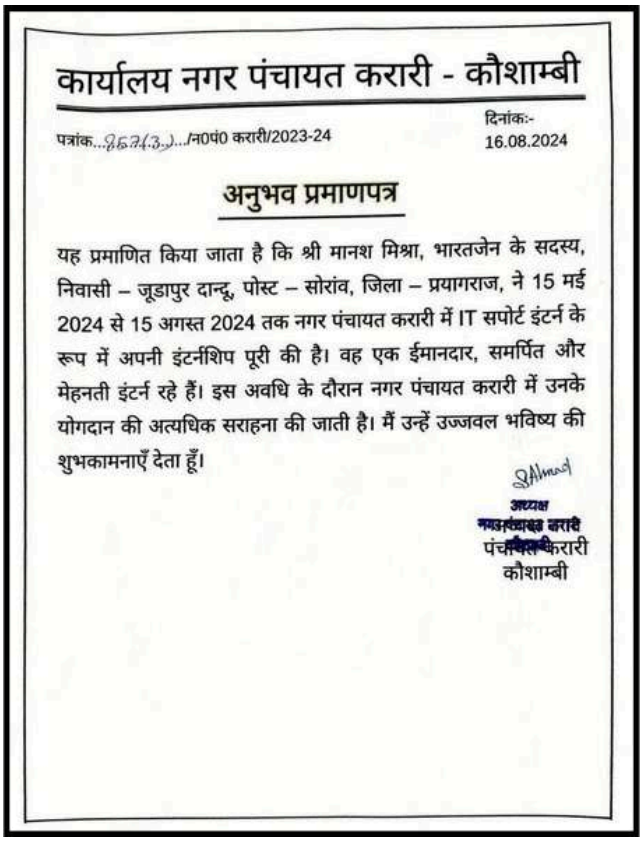
Mern Stack & DSA

from 18th July 2024 to 30th August 2024

conducted by ShapeMySkills by Ducat, Noida

in association with Babu Banarasi Das Institute of Technology & Management

Mr. Sushant Kumar Shaoo
Program Manager



कार्यालय नगर पंचायत करारी - कौशाम्बी

पत्रांक...2624(3.).../नपं0 करारी/2023-24

दिनांक:- 16.08.2024

अनुभव प्रमाणपत्र

यह प्रमाणित किया जाता है कि श्री मानश मिश्रा, भारतजेन के सदस्य, निवासी – जूडापुर दान्दू, पोस्ट – सोरांव, जिला – प्रयागराज, ने 15 मई 2024 से 15 अगस्त 2024 तक नगर पंचायत करारी में IT सपोर्ट इंटर्न के रूप में अपनी इंटर्नशिप पूरी की है। वह एक ईमानदार, समर्पित और मेहनती इंटर्न रहे हैं। इस अवधि के दौरान नगर पंचायत करारी में उनके योगदान की अत्यधिक सराहना की जाती है। मैं उन्हें उज्जवल भविष्य की शुभकामनाएँ देता हूँ।

अध्यक्ष
नगर पंचायत करारी
कौशाम्बी

INTERNSHIPS











SPORTS & CULTURAL FEST

2023 - 24

- Rohit Singh,s ecured 1st position in "Football" at UTKARSH - 2024 (CollegeFest), heldin Feb 2024.
- Willa Yameen, secured 1st position in "Abhinay nukkad natak" at IIM Lucknow.
- Aarohi Rai, participated in "GeeksforGeeks Technical Scripter event 2022" at GeeksforGeeks.
- Rasheeq Zehra, secured 1st position in "Think Tank - Utkarsh " at Babu Banrasi Das Fest Utkarsh-2024..
- Samridhi Srivastava has participated in "Kho-Kho, Volleyball" at Dr. Abdul Kalam Sports Fest 2023 (Zonal Level) held in Nov, 2023.
- Samridhi Srivastava has participated in "Online Quiz of the Flipkart Runway: Season 4 organised by the Flipkart ".
- Shubhangi Tiwari secured 1st position in "Shot Put" at Dr. Abdul Kalam Sports Fest 2023-24 (Zonal Level).
- Shubhangi Tiwari secured 3rd position in "Shot Put" at Dr. Abdul Kalam Sports Fest 2023-24 (State Level).
- Vartika Raj has secured 2nd position in "Flyer Fest " at Origin's 2023 at BBDITM.
- Vartika Raj has actively participated in workshop "Webinar on GSoC 2023" at BBDITM.



SPORTS & CULTURAL FEST

2023 - 24

- ManashMishrasecured1stpositionin "Meme-War 2024" at GDG Lucknow.
- Manash Mishra secured 7th p osition in "Vlog Competition" at DevFest by GDG Prayagraj.
- Sapna Kumari secured 3rd position in "Solo Dance" at Multicity auditions of Anwesha'24, IIT Patna.
- Aditya Kumar Sonkar secured 3rd position in "Robo Race" at Technical Fest (Zonal level AKTU), Allenhouse Institute of Technology, Kanpur.
- Shubham Kumar Dubey secured 3rd position in "AKTU Zonal Robo Sumo Challenge" at Allenhouse Institute of Technology, Kanpur.
- Manash Mishra secured 3rd position in "Festival Innovators Category" at Festival of Code by Code Aakaar.
- Himanshu Singh secured 1st position in "Hacktoberfest 2024 Hackathon" organized by GDG on Campus.
- Sapna Kumari secured 1st position in "Volleyball" at Aavahan 2023, held at Dr. Ram Manohar Lohiya National Law University, Lucknow.
- Shubham Kumar Dubey secured 3rd position in "Exhibition" at Babu Banarasi Das University.
- Palak Saxena secured 2nd position in "Kabaddi" at Utkarsh 2024, held by BBD.
- Shubham Kumar Dubey secured 2nd position in "Robo Workshop" at BBDITM (College Campus).
- Samriddhi Srivastava secured 1st position in Rangriti (Cultural event) at Utkarsh'24, organized by BBD Educational Group, Lucknow from 21st to 23rd February 2024.



SPORTS & CULTURAL FEST

2023 - 24

- **Anushka Srivastava secured 3rd position in Court Proceedings (Literary event) at Utkarsh'24, organized by BBD Educational Group, Lucknow from 21st to 23rd February 2024.**
- **Dibbyansh Pandey secured 1st position in Bonzor (Comp.) (Cultural event) at Utkarsh'24, organized by BBD Educational Group, Lucknow from 21st to 23rd February 2024.**
- **Anshika Singh secured 1st position in Rangriti (Cultural event) at Utkarsh'24, organized by BBD Educational Group, Lucknow from 21st to 23rd February 2024.**
- **Anushika Chauhan secured 3rd position in Extempore during INSPIRUS, organized by DYUTIMAN, BBDNIIT.**







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SPORTS & CULTURAL FEST

2023 - 24



BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. RASHEEA ZEHRA

a student of BBDITM, LUCKNOW for achieving FIRST position in THINK TANK event under TECHNICAL category which was an Individual/Team event, held as a part of Utkarsh24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Convener | Chief Convener | Chief Executive Director



Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24

organised by Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW, UTTAR PRADESH (Zonal Level)

at SHRI RAMSWAROOP MEMORIAL COLLEGE OF ENGINEERING & MANAGEMENT (Zonal Centre)

Certificate of Participation

This is to certify that Mr. /Ms. Samriddhi Srivastava student of BBDITM has participated in the Kho-Kho, Volleyball event of Dr. Abdul Kalam Inter-Technical University Sports Fest 2023-24 (Zonal Level) held on 03 - 04 November, 2023 at Shri Ramswaroop Memorial College of Engineering & Management, Lucknow (U.P.) affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow.

Dr. Rajesh Kr. Singh, Coordinator, SRMCEM, Lucknow (Zonal Centre) | Prof. (Dr.) Bhavesh Kr. Chauhan, Director, SRMCEM, Lucknow (Zonal Centre) | Prof. O. P. Singh, Dean Student Welfare, Dr. APJ AKTU Lucknow | Prof. J.P. Pandey, Vice-Chancellor, Dr. APJ AKTU Lucknow



Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24

organised by Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW, UTTAR PRADESH (Zonal Level)

at SHRI RAMSWAROOP MEMORIAL COLLEGE OF ENGINEERING & MANAGEMENT (Zonal Centre)

Certificate of Merit

This is to certify that Mr. /Ms. SUBHANGI TIWARI student of BBD ITM - 54 has participated in the SHOT PUT event and secured 1st position of in the Dr. Abdul Kalam Inter-Technical University Sports Fest 2023-24 (Zonal Level) held on 03 - 04 November, 2023 at Shri Ramswaroop Memorial College of Engineering & Management, Lucknow (U.P.) affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow.

Dr. Rajesh Kr. Singh, Coordinator, SRMCEM, Lucknow (Zonal Centre) | Prof. (Dr.) Bhavesh Kr. Chauhan, Director, SRMCEM, Lucknow (Zonal Centre) | Prof. O. P. Singh, Dean Student Welfare, Dr. APJ AKTU Lucknow | Prof. J.P. Pandey, Vice-Chancellor, Dr. APJ AKTU Lucknow



unstop

Flipkart Runway | Flipkart

Certificate of Participation

This is to certify that

SAMRIDDHI SRIVASTAVA

from Babu Banarasi Das Institute of Technology & Management has participated in the Online Quiz of the Flipkart Runway: Season 4 organised by the Flipkart.

SPORTS & CULTURAL FEST

2023 - 24



Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, UTTAR PRADESH, LUCKNOW

DR. ABDUL KALAM INTER-TECHNICAL UNIVERSITY
LITERARY, MANAGEMENT AND TECHNICAL FEST, 2024-25
(ZONAL LEVEL)
Organized at
ALLENHOUSE INSTITUTE OF TECHNOLOGY, KANPUR
(Zonal Centre)

CERTIFICATE

This is to certify that Mr. /Ms. Aditya Kumar Sonkar student of BBDITM, Lucknow Roll No. 2300540100015 has participated in Robo Race event and secured III rd position at Dr. Abdul Kalam Inter-Technical University Literary, Management and Technical Fest, 2024-25 (Zonal Level) held on 29th – 30th November, 2024.

Prof. Dev Singh, Coordinator, AIT Kanpur (Zonal Centre)
Prof. Manoj Kumar Misra, Director, AIT Kanpur (Zonal Centre)
Prof. O. P. Singh, Dean Student Welfare, Dr. APJ AKTU Lucknow
Prof. J.P. Pandey, Vice-Chancellor AIT, Dr. APJ AKTU Lucknow



DevFest Lucknow 2024
Google Developer Groups Lucknow

Meme-War Winners

1. Ujjwal Kushwaha
2. Manash Mishra
3. Aditi Sahu

Google Developer Groups



CODE AAKAAR

CERTIFICATE

OF APPRECIATION

THIS CERTIFICATE IS PRESENTED TO :

Manash Mishra

This is to certify that the participant has secured 3rd place in the 'Festival Innovators' category of the Festival of Code event, demonstrating exceptional coding skills and creativity. The event was held from 01/11/2024 to 03/11/2024, organized by CODE AAKAAR.

CODE AAKAAR
Organization



AAVAHAN

DR.RAM MANOHAR LOHIYA NATIONAL LAW UNIVERSITY LUCKNOW

CERTIFICATE *Of* ACHIEVEMENT

This is to certify that

MR./MS. Sapna Kumari

FROM BBD HAS SUCCESSFULLY SECURED FIRST PLACE / SECOND PLACE / THIRD PLACE / PARTICIPATED IN THE EVENT Volleyball IN AAVAHAN, 2023 HELD AT DR. RAM MANOHAR LOHIYA NATIONAL LAW UNIVERSITY,LUCKNOW FROM 2ND TO 5TH FEBRUARY.

DR. MANISH SINGH
CHAIRMAN,
SPORTS COMMITTEE

OUR SPONSORS

PROF. S.K. BHATNAGAR
VICE CHANCELLOR,
DR.RMLNLU

ANYTIME FITNESS AASHIYANA

harshkhar

SPORTS & CULTURAL FEST

2023 - 24


Google Developer Groups

CERTIFICATE

OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Himanshu Singh

for securing 1st Position in the **Hacktoberfest 2024 Hackathon organized by GDG on Campus,** held on 02 & 03 of October 2024. Your exceptional skills, creativity, and contribution to open-source, along with your proficiency in Git and GitHub, are hereby recognized.

Abhishek Agrahari ORGANIZER GDGC BBDITM

Prof. Rafik Ahmad BRANCH COUNSELOR IEEE BBDITM

Dr. Santosh Shukla FACULTY ADVISOR IEEE BBDITM

Dr. S.S. Chauhan DIRECTOR BBDNITM LUCKNOW






BBDNITT

INSPIRUS

CERTIFICATE

OF EXCELLENCE

This certificate is proudly presented to

Anushka Chauhan

for securing 3rd position in Extempore

During INSPIRUS

Dr. V.K. Singh
Director Engg. BBDNITT

Dr. Laxmi Vajpeyi
Convener of DYUTIMAN

Chirag Saxena
Co-ordinator of DYUTIMAN


BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. Dibbyanshu Pandey

a student of BBDITM for achieving

I st position in Bazar (Comp.) event under Cultural

category which was an Individual/Team event, held as a part of Utkarsh'24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Utkarsh'24

Convener

Chief Convener

Chief Executive Director



SPORTS & CULTURAL FEST

2023 - 24


BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. Anushka Srivastava
a student of B.Tech (BBD NITM) for achieving
Third position in HINDI DEBATE event under LITERARY
category which was an Individual/Team event, held as a part of Utkarsh24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Utkarsh'24 bemisaal 25 साल

Convener | Chief Convener | Chief Executive Director


BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. Samriddhi Srivastava
a student of BBDITM for achieving
First position in Rangoli event under Cultural
category which was an Individual/Team event, held as a part of Utkarsh24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Utkarsh'24 bemisaal 25 साल

Convener | Chief Convener | Chief Executive Director


BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. Anshika Singh
a student of BBDITM for achieving
First position in Rangoli event under Cultural
category which was an Individual/Team event, held as a part of Utkarsh24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Utkarsh'24 bemisaal 25 साल

Convener | Chief Convener | Chief Executive Director


BABU BANARASI DAS EDUCATIONAL GROUP

Certificate of Merit

Awarded to Mr./Ms. Anushka Srivastava
a student of B.Tech (BBD NITM) for achieving
Third position in HINDI DEBATE event under LITERARY
category which was an Individual/Team event, held as a part of Utkarsh24- annual fest, organized by BBD Educational Group, Lucknow from 21st to 23rd of February 2024.

Utkarsh'24 bemisaal 25 साल

Convener | Chief Convener | Chief Executive Director



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GATE QUALIFIERS

2023 - 24



GATE QUALIFIERS

2023 - 24

BBDITM

Babu Banarasi Das
Institute of Technology and Management
Affiliated to Dr. A.P.J Abdul Kalam Technical University (AKTU College Code: 054)

CONGRATULATIONS..

Mr. Anuj Srivastava
(2000540310009)
(ECE, Data Science & Artificial Intelligence)
For Qualifying Gate 2024
AIR-7875
B.Tech 4th Year

GATE 2024



Sector- 1, Akhilesh Das Nagar, Ayodhya Road, Lucknow- 226028
(U.P.) INDIA

Website: www.bbdnitm.ac.in / Email ID: director@bbdnitm.ac.in

BBDITM

Babu Banarasi Das
Institute of Technology and Management
Affiliated to Dr. A.P.J Abdul Kalam Technical University (AKTU College Code: 054)

CONGRATULATIONS..

Ms. Ishika Srivastava
(2000540100076)
(Computer Science & Engineering)
For Qualifying Gate 2024
AIR-3534
B.Tech 4th Year

GATE 2024



Sector- 1, Akhilesh Das Nagar, Ayodhya Road, Lucknow- 226028
(U.P.) INDIA

Website: www.bbdnitm.ac.in / Email ID: director@bbdnitm.ac.in

MICROSOFT
E - LEARN
STUDENT AMBASSADOR



INDUSTRIAL VISIT



INDUSTRIAL VISIT GALLERY













ICAETC CONFERENCE

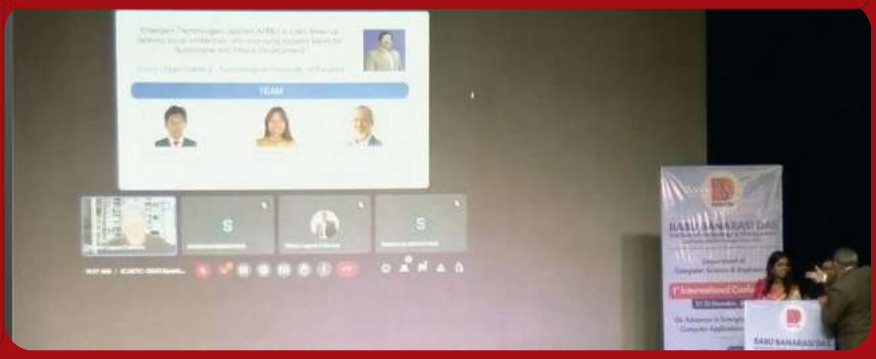












VIRTUAL MASTER CLASS



VIRTUAL MASTER CLASS









VIRTUAL MASTER CLASS









DEVFEST 2023





Google Developer Student Clubs



ALUMNI MEET


BBD
Babu Banarasi Das Institute of Technology and Management
Department of Computer Science and Engineering
is Organizing
ALUMNI
TALK SERIES
3rd April, 2024
2:00 PM Onwards
Stepper Hall, BBDITM
Topic : Career paths in Cyber Security
Dr. Prachi Kumari
IT Security Specialist, BMW Bank and Financial Services at BMW Group, Germany
BBDITM, (Batch 2004 Passout)
#ShapingGenrations

ALUMNI MEET





OUR PLACED STUDENTS







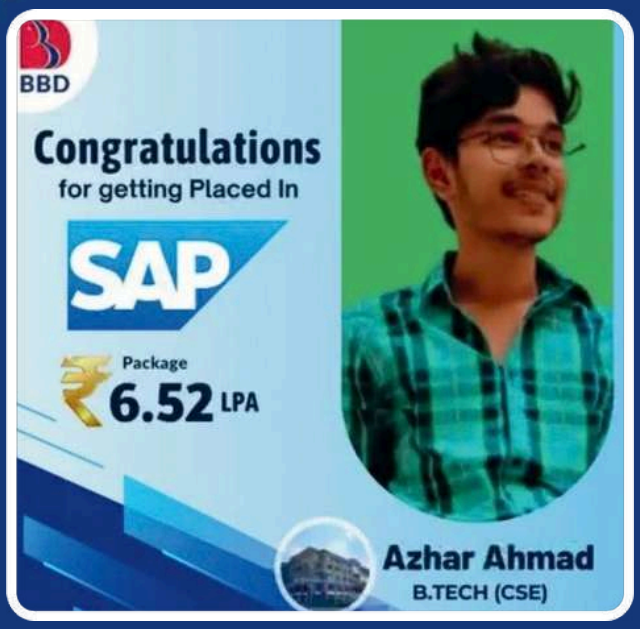






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OUR PLACED STUDENTS









www.bbdnitm.ac.in

OUR PLACED STUDENTS









OUR PLACED STUDENTS

Sr. No.	Student Name	Roll No	College	Branch	Company Name	Salary Package (LPA)
1	ABDULLAH NIZAMI	2000540100002	BBDITM	CSE	Paisabazar.com	12.00
2	AAROHI RAI	2000540100001	BBDITM	CSE	TCS NQT	9.00
3	AMRITANSHU	2000540100028	BBDITM	CSE	TCS NQT	9.00
4	DEVANSH TOMAR	2000540100060	BBDITM	CSE	TCS NQT	9.00
5	MAYANK SHUKLA	2100540109011	BBDITM	CSE	ZUREE TELECOM PRIVATE LIMITED	7.80
6	AZHAR AHMAD	2000540100056	BBDITM	CSE	Sap Labs	6.52
7	SHIVANI TIWARI	2000540100156	BBDITM	CSE	Planet Spark	6.50
8	VAISHNAVI YADAV	2000540100182	BBDITM	CSE	Planet Spark	6.50
9	AMRITANSHU	2000540100028	BBDITM	CSE	Planet Spark	6.50
10	Nishtha Maurya	2000540100107	BBDITM	CSE	Planet Spark	6.50
11	ISHIKA SRIVASTAVA	2000540100076	BBDITM	CSE	Planet Spark	6.40
12	AINY KHAN	2000540100015	BBDITM	CSE	Planet Spark	6.40
13	ANJALI SRIVASTAVA	2000540100034	BBDITM	CSE	Planet Spark	6.40
14	SAMBHAV PATHAK	2000540100139	BBDITM	CSE	Planet Spark	6.40
15	ALOK KUMAR THAKUR	2000540100022	BBDITM	CSE	Virtuous Digital	5.65
16	ANEESH SAHU	2000540100031	BBDITM	CSE	XenonStack	5.50
17	ANISH KUMAR YADAV	2000540100032	BBDITM	CSE	XenonStack	5.50
18	ANUSHA ANSARI	2000540100041	BBDITM	CSE	XenonStack	5.50
19	Arushi Baranwal	2000540100047	BBDITM	CSE	XenonStack	5.50
20	HARIS JAVED	2000540100065	BBDITM	CSE	XenonStack	5.50
21	SYED HAIDAR ABBAS	2000540100167	BBDITM	CSE	Hansa Solutions	5.00
22	Nishtha Maurya	2000540100107	BBDITM	CSE	Binary semantics	5.00
23	ANJALI MAURYA	2000540100033	BBDITM	CSE	Freecharge	4.50
24	AAROHI RAI	2000540100001	BBDITM	CSE	Accenture	4.35
25	MAITRI JAIN	2000540100092	BBDITM	CSE	Accenture	4.35
26	Nishtha Maurya	2000540100107	BBDITM	CSE	Accenture	4.35
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FROM LEARNERS TO LEADERS

College is one of the best times in any individual's life. It is extremely important in shaping a child's future.

By the time students are done with college, they become young adults ready to take on the world with curious zeal.

This is why the time spent in college has to be cherished. Every moment is precious. Along with gaining knowledge, one gets ready to earn their own money and lead a good life.



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The Final Bell Rings, But the Memories Stay...

