



BBDITM
AKTU Code-054

CSE TIMES

VOLUME-1

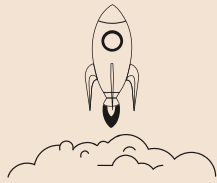
Newsletter of Department of CSE



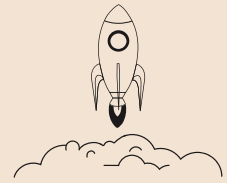
Department of CSE



- ▶ With the passage of time and expansion, the department has succeeded in carving out a place 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.
- ▶ Students studying computer science at the BBDITM are in great demand in the software sector.
- ▶ Our alumni work in key national and worldwide software firms like as IBM, TCS, Oracle, Microsoft, Convergeis, Birlasoft, and others.



VISION & MISSION OF DEPARTMENT & INSTITUTE

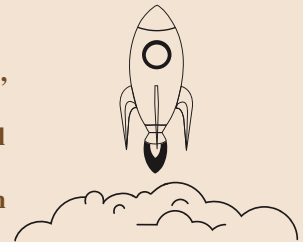


VISION OF THE DEPARTMENT

"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 THE 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

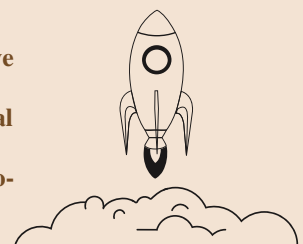


VISION OF THE INSTITUTE

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

MISSION OF THE 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 eco-friendly 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 concepts to solve society-related needs.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- Students must be able to apply software engineering principles to analyze complex computing problems and identify their solutions.
- Students must be able to analyze, design, and implement the latest technology-driven projects.
- Students must be able to work in a collaborative environment and understand the ethical, social, and economic impact of their work.

PUBLICATIONS OF FACULTY

- The paper entitled Artificial intelligence-based Data Pruning using Regression for Smart Apriori Algorithm by MR. KAMLESH KUMAR, MR. SHEKHAR SRIVASTAVA and MR. VINEET AGARWAL Published in "IJRDASE JOURNAL", VOLUME 22, ISSUE 1, 2022 ISSN No.: 2454-6844.
- Faculty- VINEET AGARWAL || Publisher: IEEE || Malware Detection Using Genetic Cascaded Support Vector Machine Classifier in Internet of Things. Published in 2022 Second International Conference on Computer Science, Engineering and Applications (CCSEA), Date of Conference: 08-08 September 2022 || Date Added to IEEE Xplore: 07 November 2022 || DOI: 10.1109/CCSEA64877.28220036404 || Conference Location: Gunupur, India.
- Faculty - SUNIL SINGH & PAWAN K. CHAURASIA Department of IT, BBAU, Lucknow, India. || JOURNAL OF HARBIN INSTITUTE OF TECHNOLOGY || "CRITICAL REVIEW OF TRUTHFUL FRIEND SELECTION APPROACHES IN THE SOCIAL INTERNET OF THINGS". (ISSN: 0367-6234)

PATENTS OF FACULTY

- Title - "AN ARTIFICIAL INTELLIGENCE BASED GENETIC VARIANT-PHENOTYPE ANALYSIS SYSTEM AND METHOD THEREOY" - Name of Applicants: Smiley Gandhi || Anjali Awasthi || Gursimran Kaur || Geet Kiran Kaur || Shubha Mishra || Shagun Jain || Surendra Singh Chauhan
- Title - "A HEALTH MONITORING BASED ON IOT USING RASPBERRY PI AND METHOD THEREOF" - Name of Applicant: Smiley Gandhi || Dr. Sampath Kumar Kuppuchamy || Nikita || Nandita Malik || Ghazala Ansari || Kanika || Abhishek Sharma
- Title - "A BLOCKCHAIN-BASED SYSTEM PROVIDED FOR AUTOMATED CERTIFICATE REVOCATION FOR 5G IOT AND METHOD THEREOF" - Name of Applicant : Geet Kiran Kaur || Saijshree Srivastava || Surabhi Kesarwani || Piyush Kumar Singh || Anurag Shukla || Ankur Srivastava || Vipasha Abrol
- Title: "AN INNOVATIVE METHOD FOR IMPROVING ONLINE EDUCATION SYSTEM AND EDUCATION SKILL TEACHING EVALUATION SYSTEM THROUGH THE USE OF ARTIFICIAL INTELLIGENCE" - Name of applicant: Mr. Ankit Khare || Prof Dr. Venice Mairya David || Dr. Dolly John Shiju || Dr. Jalpana Adhikary || Deepmala Tamrakar || Ms. Ankita Shayni Andrews || Virendra Sisodiya || Dr. Ashok Koujalag || Sushma Thakre || Vikas Chandra Roy || Bhavana Pal || Malika Roy.
- Title - "A DEVICE FOR PROVIDING SECURE CONNECTION THROUGH A CONNECTING TIP FOR DIGITAL PORTABLE DEVICE IN A CLOUD NETWORK AND METHOD THEREOF" - Name of applicant: Gyanendra Kumar || Piyush Kumar Singh || Sandeep Kumar Mishra || Prabhdeep Singh || Navpreet Kaur || Dr. Darpan Anand || Prabhjot Kaur.

FACULTY DEVELOPMENT PROGRAM

- **MS. ANJALI AWASTHI** from CSE, BBDITM LUCKNOW participated in One Week Faculty Development Program on Artificial Intelligence for Sustainable Development held from September 17-22, 2022. Organized by: Artificial Intelligence Research Centre, Department of Computer Science & Engineering, BBD University, Lucknow, India
- **MR. RAMESH VAISH** from CSE, BBDITM LUCKNOW participated in One Week Faculty Development Program on Artificial Intelligence for Sustainable Development held from September 17-22, 2022. Organized by Artificial Intelligence Research Centre, Department of Computer Science & Engineering, BBD University, Lucknow, India
- **MR. ANURAG SHUKLA** of Babu Banarasi Das Institute of Technology and Management, Lucknow has successfully completed one-week online Faculty Development Program on "Security Aspects in Computer Science and its Applications (SACSA-2022)" sponsored by ISEA Project Phase-II held from October 17 -21, 2022. Organized by Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India
- **MS. ANIKA BISHT** from Computer Science & Engineering, Babu Banarasi Das Institute of Technology & Management participated in One Week Faculty Development Program on Artificial Intelligence for Sustainable Development held from September 17-22 Organized by the Artificial Intelligence Research Centre, Department of Computer Science & Engineering, BBD University from September 17-22, 2022.
- **MS. SHALU SAXENA** from Babu Banarasi Das Institute of Technology and Management successfully completed Five Days online faculty development program on "Emerging Technologies with applications in Electronics and Communication-2022" during 31" Oct-4" Nov, 2022. Organized by Department of Electronics and Communication Engineering at IMS Engineering College, Ghaziabad, Uttar Pradesh, India
- **MS. VANDANA TRIPATHI** from Babu Banarasi Das Institute of Technology & Management successfully completed Five Days online faculty development program on "Emerging Technologies with applications in Electronics and Communication-2022" during 31" Oct-4" Nov, 2022. Organized by Department of Electronics and Communication Engineering at IMS Engineering College, Ghaziabad, Uttar Pradesh, India
- **MS. SHUBHA MISHRA** successfully completed Five Days online faculty development program on "Emerging Technologies with applications in Electronics and Communication-2022" during 31" Oct-4" Nov, 2022. Organized by Department of Electronics and Communication Engineering at IMS Engineering College, Ghaziabad, Uttar Pradesh, India
- **MR. KAMLESH KUMAR** of Babu Banarasi Das Institute of Technology and Management, Lucknow successfully completed one-week online Faculty Development Program on "Security Aspects in Computer Science and its Applications (SACSA-2022)" sponsored by ISEA Project Phase-II during October 17 -21, 2022 Organized by Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India.
- **Mr. GYANENDRA KUMAR** is certified for successful completion of One Week Faculty Development Program on "Amazon Web Services (AWS)" during the period of 22nd-27th August 2022 Organized by Department of Electrical, Electronics and Communication Engineering, School of Technology, GITAM (Deemed to be University), Hyderabad in collaboration with BrainOVision Solutions India Pvt.Ltd & All India Council For Technical Education (AICTE).

- **SANDEEP KUMAR MISHRA** is certified for successful completion of One Week Faculty Development Program on "Amazon Web Services (AWS)" during the period of 22nd-27th August 2022 Organized by Department of Electrical, Electronics and Communication Engineering, School of Technology, GITAM (Deemed to be University), Hyderabad in collaboration with BrainOVision Solutions India Pvt.Ltd & All India Council For Technical Education (AICTE).
- **MR. GUNJAN MISHRA** of Babu Banarsi Das Institute of Technology and Management, Lucknow successfully completed one-week online Faculty Development Program on "Security Aspects in Computer Science and its Applications (SACSA-2022)" sponsored by ISEA Project Phase-II during October 17-21, 2022 Organized by Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India
- **MR. RUDRENDRA BAHADUR SINGH** from CSE, BBDITM LUCKNOW participated in One Week Faculty Development Program on Artificial Intelligence for Sustainable Development from September 17-22, 2022. Organized by Artificial Intelligence Research Centre, Department of Computer Science & Engineering, BBD University.

ACHIEVEMENT OF FACULTY

- **Dr. Anurag Tiwari** is certified for successfully completing the course Introduction to Data Science on Saturday, November 12th 2022 Infosys Springboard.
- **Shivam Dixit** of **BABU BANARASI DAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT**, Uttar Pradesh has undergone Innovation Ambassador (IA) training Advanced Level (Total 15 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year 2021-22.
- **Anika Bisht** of **BABU BANARASI DAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT**, Uttar Pradesh has undergone Innovation Ambassador (IA) training Advanced Level (Total 15 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year 2021-22.
- **Gunjan Mishra** is certified from Babu Banarasi Das Institute of Technology & Management (Engg. and Tech.), Lucknow, for successfully completing faculty Build-A-Thon 2022 in Artificial Intelligence from July 2022 to August 2022.
- **Ms. Anika Bisht** is certified For being a Co-Convener of workshop on Research Methodology Organized on 17 August, 2022 by CSE Department of BBDITM (054).
- The certificate was awarded to **Mr. Diwakar Yagyasen** for successfully completing the course Introduction to Artificial Intelligence on November 14th 2022. By Infosys Springboard.

PUBLICATIONS OF STUDENT

- A. Srivastava, A. Agarwal, M. A. Nadeem, A. Nizami and A. Tripathi, "MalTDec3: Malicious Traffic Detection in a Network using 3 Layer Inspection," 2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT), 2022, pp. 568-575, doi: 10.1109/CCICT56684.2022.00105.

NPTEL 2022

- Akshit Kumar Tiwari certified for successfully completing the course "Data Science for Engineers" with a consolidated score of 60%.
- Kirti Pandey certified for successfully completing the course "Developing Soft skills and Personality" with a consolidated score of 63%.
- Samriddhi Chaurasia certified for successfully completing the course "Developing Soft skills and Personality" with a consolidated score of 83%.
- Isha Nandan certified for successfully completing the course "Developing Soft skills and Personality" with a consolidated score of 73%.
- Rasheeq Zehra certified for successfully completing the course "Introduction to Internet of Things" with a consolidated score of 63%.
- Omkar Sharma certified for successfully completing the course "Introduction to Internet of Things" with a consolidated score of 60%.
- Harsh Kumar Rai certified for successfully completing the course "Introduction to Internet of Things" with a consolidated score of 67%.

AKTU SPORTS FEST-2022

- Rajni Danu, Prerna Jhigran, Harhita Singh, Vaidehi Chauhan, Sapna Kumari and Shubhangi Tiwari, secured 1st position in "Volleyball" at Dr. Abdul Kalam Sports Fest 2022-23 (State Level) held in Oct, 2022.
- Rohit Singh, Siddharth Singh, Syed Gufran Hussain, Abhishek Singh Karki, Jatin Srivastava, Akshat Chaturvedi, Abhinav Pandey and Harsh Raj, secured Runner position in "Football" at Dr. Abdul Kalam Sports Fest 2022-23 (Zonal Level) held on Sep 14-15, 2022.
- Shubhangi Tiwari, secured Silver Medal in "Javelin Throw" at Dr. Abdul Kalam Sports Fest 2022-23 (Zonal Level) held on Sep 14-15, 2022.
- Shubhangi Tiwari, secured Silver Medal in "Shot-put" at Dr. Abdul Kalam Sports Fest 2022-23 (Zonal Level) held on Sep 14-15, 2022.
- Rajni Danu, secured Silver Medal in "Long Jump" at Dr. Abdul Kalam Sports Fest 2022-23 (Zonal Level) held on Sep 14-15, 2022.

ACHIEVEMENT OF STUDENT

- Nitish Rai was certified to acknowledge their active participation in Python Programming Course with Engineer Core Summer Training in association with Effervescence IIIT Allahabad in September 2022.
- Nishkarsh Singh was certified to acknowledge their active participation in Python Programming Course with Engineer Core Summer Training in association with Effervescence IIIT Allahabad in September 2022.
- Qasim Ahmad for secured I position in Debate under the event REIMAGINE organised by the Department of Information Technology.
- Haris Javed for secured I position in Competitive Programming under the event REIMAGINE organised by the Department of Information Technology.
- Astha Shukla has participated in Debate Event and secured I Position in the event organized by BBDITM ENIGMA 1.0 under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow.
- Gaurav Singh has participated in Singing Event and secured 2nd Position in the event organized by BBDITM ENIGMA 1.0 under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow on the occasion of World Engineer's Day.
- Ayushi has participated in extempore Event and secured I Position in the event organized by BBDITM ENIGMA 1.0 under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow on the occasion of World Engineer's Day.
- Rasheeq Zehra has participated in. Extempore. Event and secure 1st Position in the event organized by BBDITM ENIGMA 1.0 under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow on the occasion of World Engineer's Day.
- Omkar Sharma certified for securing 1st position in Digital Poster Competition on the topic "DOCTOR - The Savior" organized by IEEE WIE-AG BBDITM in collaboration with IEEE BBDITM STB.
- Abhilasha Srivastava has participated in Poster Making Event and secured 2nd Position in the event on the occasion of World Engineer's Day. Organized by BBDITM ENIGMA 1. Under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow.
- Rasheeq Zehra certified for securing II Position in TOPCODER Quiz Competition on "Blockchain Development and General Aptitude" organized by IEEE BBDITM Computer Society in Collaboration with IETE Lucknow Chapter, IEEE BBDITM PES and IEEE BBDITM SB
- Aayush Sharma has participated in Poster Making Event and secured 3rd Position in the event on the occasion of World Engineer's Day. Organized by BBDITM ENIGMA 1. Under the aegis of Computer Science & Engineering Department, BBDITM, Lucknow.
- Rasheeq Zehra certified for securing I position in "Impromptu Picture Presentation Competition" of 5-days event on the topic "Female Foeticide, a curse of Society organized by IEEE WIE- AG, BBDITM in collaboration with IEEE BBDITM STB Lucknow.
- Rishu Maurya was certified for their active participation in INNOVATE INDIA CODING CHAMPIONSHIP, organised by coding ninjas
- Karan Srivastava was certified to acknowledge their active participation in Java Programming Course with Engineer Core Summer Training in association with Effervescence IIIT Allahabad in September 2022.
- Mohammad Yameen was for successfully completing summer Training in Python Programming Course with Engineer Core that was organized during the month of Sep and Oct 2022.

INAUGURATION EVENT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, BBDITM, LUCKNOW



ORGANIZING COMMITTEE

- MS. ANIKA BISHT
- MS. ANJALI AWASTHI
- MR. SHIVAM DIXIT

On September 15, 2022, the Department of Computer Science & Engineering at BBDITM, Lucknow launched *ENIGMA 1.0*, the Department's Technical and Cultural Club for B. Tech. CSE students, with the assistance of Committee Members (Ms. Anjali Awasthi, Ms. Anika Bisht, Mr. Shivam Dixit).

The goal of the Club is to create a platform for students to enhance their talents. It is also meant to encourage pupils to thrive in academics as well as extracurricular activities. It enabled pupils to engage with their peers, seniors, and professors. Students and faculty members eagerly engaged and attended the session.

INAUGURAL SESSION



Google Developer Student Clubs
Babu Banarasi Das Institute of Technology and Management



INAUGURATION SESSION



Meet and greet the team for the session 2022-23 and get to know about GDSC and upcoming events.

Google Developer Student Clubs
Babu Banarasi Das Institute of Technology and Management



Compose Camp

Compose Camp is a special themed version of Android Study Jams, where the learning content is focused on Jetpack Compose.



Sept 19 - Sept 28
2:00 pm - 5:00 pm

Venue: Stepper Hall



ORGANIZING COMMITTEE :
MR. SHIVAM DIXIT

GDSC BBDITM, LUCKNOW



This was the inaugural ceremony of GDSC BBDITM 2.0, which was organised by the new lead, Divyanshu Yadav, with the faculty advisor, Mr. Shivam Dixit, and his entire team, as well as an introduction section of each team's leads, mentors, and the tech domain that they will be using for the benefit of GDSC participants.



The entire event of compose camp lasted 5 days and was coordinated by GDSC BBDITM LUCKNOW.

Events: "Application Development Walkthrough", "Kotlin Deep Dive", "XML Layouts & UI/UX Designing", "Migration to Compose"

Date: 19th-28th september

Speaker: Anurag Pathak, Amritesh, Jamsher.

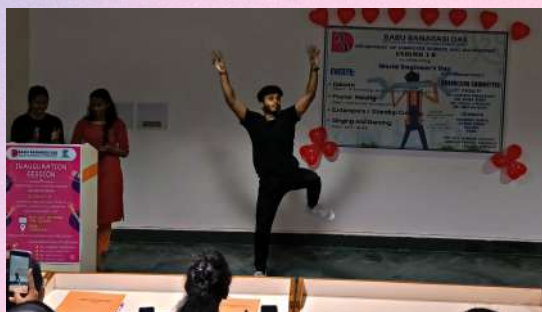
(GDSC BBDITM)



It was a pleasure working with you mates Amritesh Gupta Anurag Pathak Abdullah Nizami Haris Javed Mohd Anas Nadeem Ahmad Rizvi Abhishek Kevin Gomes Shivam Pandey Junaid Khan Vaibhav Srivastava Seemant Kamlapuri Satyam Srivastava Ankur Singh Rasheeq Zehra Priyanshi Srivastava . Looking forward to working as a team in many more opportunities to come.

www.bbdnitm.ac.in

STUDENT GALLERY



PLACEMENTS



Sakshi Tiwari
Company: TCS
Package: 6.9 LPA



Mihir Harshe
Company: Tensech
Package: 6 LPA



Rifshah Khan
Company: Coditas
Package: 6 LPA



Wamika Gossain
Company: Coditas
Package: 6 LPA



Arya Bhardwaj
Company: Coditas
Package: 6 LPA



Suryanshu Tiwari
Company: Vinove
Package: 5.4 LPA



Ayush Pandey
Company:
Brevistay, Vinove
Package: 4.5 LPA



Divyansh Barar
Company: Brevistay
Package: 4.25 LPA



Harsh Srivastava
Company: Brevistay
Package: 4.25 LPA



EDITORIAL BOARD



- **Dr. Anurag Tiwari, Associate Professor
& Head, CSE Department**
- **Ms. Anika Bisht, Assistant Professor,
CSE Department**

STUDENT COORDINATORS

- **Omkar Sharma**
- **Rasheeq Zehra**
- **Rahul Maurya**
- **Maitri Jain**

