



## ADVISORY BOARD

Prof. (Dr.) M. K. Jha Director, ABESIT  
Dr Avinash Kumar Sharma HoD, CSE

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Ms. Sakshi Malik Asst. Professor, CSE

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Harshita Phulwani, 3rd Year  
Siddhant Srivasatava, 2nd Year  
Sushant Sharma, 2nd Year

## SPOTLIGHT

- PROUD MOMENTS
- AAYAM CULTURAL CLUB ACTIVITIES
- RUBIX CLUB ACTIVITIES
- EXPERT TALKS
- FACULTY ACHIEVEMENTS
- PLACEMENTS

## Vision

To provide excellence by imparting knowledge to the learners enabling them to become skilled professionals to be recognized as a responsible citizen.

## Mission

- Provide quality education in the field of computer science and engineering through experienced and qualified faculty members.
- Motivate learners for higher studies and research-oriented activities by utilizing resources of Centers of Excellence.
- Inculcate societal values, professional ethics, team work, and leadership qualities by having exposure at National and International level activities.

# PROUD MOMENTS

## SprintHacks

The team “Befikree” bagged the 2nd Runner-Up Position in SprintHacks, which was an 18-hour hackathon with a cheque amount of Rs. 10000. The hackathon was organized by the Developer Student Circuit at KIET Group of Institutions on 8th-9th April, 2023.

They developed Land-Chain : A decentralized land registry system involving digitization and immutability of records.

S.No.	Name	Year	Branch	Position
1	Mridul Goel	2nd	CSE	2nd Runner Up With cash prize of Rs. 10000
2	Mukul Prajapati	2nd	CSE	
3	Harsh Pal	2nd	CS-DS	
4	Keshav Malik	2nd	CS-DS	



# PROUD MOMENTS

## HackBVP 5.0

A team from ABESIT bagged the 2nd runner-up position with a Cash Prize of Rs. 5500 out of 85 participating Teams from different institutes at the HackBVP 5.0 which was a hackathon organized by Bharati Vidyapeeth College of Engineering, New Delhi on 15-16th June 2023. They developed Counterfeit Product Detection, Counterfeiting products are a global issue that harms businesses, consumers & and the economy.

To address this issue Team made a platform called "Forgery Insight" based on blockchain to verify the products and transfer the ownership of those products to others.

S.No.	Name	Year	Branch	Position
1	Kamal Kashyap	2nd	CSE	2nd Runner Up With cash prize of Rs. 5500
2	Keshav Bajaj	1st	CS-DS	
3	Kumar Kartikeya	1st	CS-DS	



# PROUD MOMENTS

## Hacktivate

The students from ABESIT won the Third Prize with the cash amount of Rs. 5000 in Hacktivate which was a 36-hour hackathon organized by JIMS Engineering Management Technical Campus Greater Noida on 5th & 6th May 2023.

They developed a Project on “Fake Certificate Verification using Blockchain”.

SNo.	Name	Year	Branch	Position
1	Kamal Kashyap	2nd	CSE	3rd with cash amount of Rs. 5000
2	Kratika Saraswat	2nd	CSE	
3	Tanishq Sharma	2nd	CS-AI	



# PROUD MOMENTS

## AceHack 2.0

The team "SilentVerse" from ABESIT won the AceHack 2.0 with a cheque amount of Rs. 30000 among 600+ hackers. This hackathon was organized by the University of Engineering and Management Jaipur on 1st-2nd April 2023.

S.No.	Name	Year	Branch	Position
1	Kunal Chauhan	3rd	CSE	Winner with a cheque of amount Rs. 30000
2	Muskan Yadav	3rd	CSE	



## HackJKLU 2.0

The team "SilentVerse" from ABESIT bagged the 2nd Runner-Up Position in HackJKLU 2.0 with a cash prize of Rs. 10000. This hackathon was organized by JK LakshmiPat University Jaipur on 22nd-23rd April, 2023.

S.No.	Name	Year	Branch	Position
1	Kunal Chauhan	3rd	CSE	2nd Runner Up With cash prize of Rs. 10000
2	Muskan Yadav	3rd	CSE	
3	Harsh Tyagi	3rd	CSE	



# PROUD MOMENTS

## Genero'23

A team from ABESIT participated in the Business Plan Event which was a part of Genero'23, organized by ABESEC. The team is from the CSE department and has conquered the 1st position in the event.

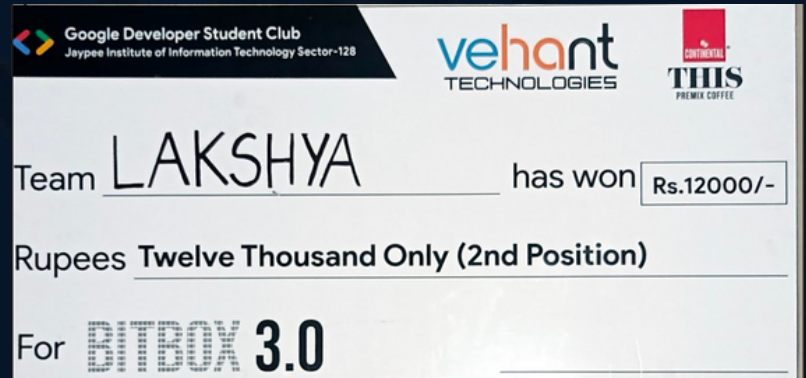
S.No.	Name	Year	Branch	Position
1	Kamal Kashyap	2nd	CSE	1st
2	Mukul Prajapati	2nd	CSE	
3	Ketan Sharma	2nd	CSE	
4	Pooja Verma	2nd	CSE	



# PROUD MOMENTS

## BitBox 3.0

Deeptanshu Shukla of 2nd Year CSE Department has secured the 2nd Position with a cheque amount of Rs.12000 in a 12-hour Hackathon “BitBox 3.0” hosted by GDSC JIIT at Jaypee Institute of Information Technology on 15th April, 2023.



## Alumni Achievement

Congratulations to Bhuvnesh Kumar, Alumni of our Department for achieving AIR 640 with a score of 647 in GATE 2023 and selection in M.Tech. (CSE) Program at IIT Delhi.



# PROUD MOMENTS

## Research & Training Intern @ IIT'Kharagpur

4 Students of 2nd Year CSE made the Department proud by being in the top 5% in "Introduction to Internet of Things" and "Introduction to Industry 4.0 and Industrial Internet of Things" courses from January to April 2023 by NPTEL. Out of which 3 of them were even selected as the Research and Training Intern at IIT Kharagpur for 8 weeks with a stipend of Rs. 10000.

The selected Students are as:

S.No.	Name	Section	Research Field	Duration	Stipend
1	Roshan Dubey	2CSC	Internet of Things(IoT)	8 weeks	Rs. 10000
2	Akshat Sharma	2CSA	Introduction to Industrial 4.0 and Industrial Internet of Things		Rs. 10000
3	Aditya Agarwal	2CSA			Rs. 10000

# ABESIT

— Group of Institutions —

## Congratulations

Selected as Research and Training Intern  
in

Introduction to  
Industry 4.0 and Industrial  
Internet of Things

**IIT KHARAGPUR**

**DURATION - 8 WEEK**

**STIPEND - 10000/- INR**

**BATCH 2025**

Contact: 9711060929, 8287516758, 8287516759

Web: [www.abesit.in](http://www.abesit.in) | Email: [admission@abesit.edu.in](mailto:admission@abesit.edu.in)  
NE-3, Near Crossings Republik, Ghaziabad, Uttar Pradesh 201009

# ABESIT

— Group of Institutions —

## Congratulations!

Selected as Research and Training Intern  
in

**Internet of Things (IoT)**

**IIT KHARAGPUR**

**DURATION - 8 WEEKS**  
**STIPEND - 10000/- INR**

**BATCH 2025**

**ROSHAN DUBEY**  
**2ND YEAR (CSE)**

Contact: 9711060929, 8287516758, 8287516759

Website: [www.abesit.in](http://www.abesit.in) | email: [admission@abesit.edu.in](mailto:admission@abesit.edu.in)  
NE-3 Near Crossing Republik,, Ghaziabad, Uttar Pradesh 201009



# PROUD MOMENTS

## Ideathon 1.0

A Second Year Project competition was organized by ABESIT in association with the Institution's Innovation Council on 16th-17th February 2023. The basic objective of this event was to provide students with a platform to come up with ideas leading to innovative products, thereby giving solutions to real problems we come across in our daily lives. The desire is to inculcate a culture of product innovation among all the students. The 1st and 2nd positions have been bagged by students of the CSE Department and were awarded with the certificates and the cash prize of Rs. 5000/- and Rs. 3000/- respectively.

S.No.	Name	Year	Branch	Position	Cash Prize
1	Mohini Yadav	2nd	CSE	1st	Rs. 5000
	Khushi Sharma	2nd	CSE		
	Kirti Sharma	2nd	CSE		
2	Abhay Mehta	2nd	CSE	2nd	Rs. 3000
	Aditya Agrawal	2nd	CSE		
	Akshat Sharma	2nd	CSE		



# PROUD MOMENTS

## Innovation Challenge

On 6th February 2023 Institution's Innovation Council organized an Innovation Challenge on the United Nations' Sustainable Development Goals. The United Nations' 17 Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges including poverty, inequality, climate change, environmental degradation, peace and justice. 36 students forming 6 teams participated and presented their views. Out of these, 3 teams stood victorious which are as follows:

S.NO	Name	Department and Year	SDG	Position
1	SIDDHANT SRIVASTAVA	2CSC	CLEAN WATER AND SANITATION	1st
2	PARTH GUPTA	2CSB		
3	ROSHAN DUBEY	2CSC		
4	TRIPTI SINGH	2CSC		
5	ABHISHEK SAXENA	2CSB		
6	VANSH TYAGI	2CSC	AFFORDABLE AND CLEAN ENERGY	2nd
7	VANSHIKA GUPTA	2CSC		
8	TANISHKA GARG	2CSC		
9	SHAILY BHATI	2CSC		
10	SHRUTI KUSHSWAHA	2CSC	INDUSTRY, INNOVATION AND INFRASTRUCTURE	3rd
11	S SONIKA	2CSC		
12	STUTI SRIVASTAVA	2CSC		



# PROUD MOMENTS

## B-Plan Box 1.0

B-Plan Box 1.0 (Idea2Startup) was an initiative of the Incubation Cell in coordination with the Institution's Innovation Council (IIC) of ABESIT in May 2023. It was aimed at fostering entrepreneurship and innovation amongst the college students acting as a motivator for them and providing them with a platform to present their ideas and work towards making them a reality.

Various students from different departments participated and presented their Business Ideas. The ideas were judged based on Idea / Problem Statement, Project / Product, Implementation, Services to be offered, Market Opportunity, Finance and risks, Innovation, Business Plan and Execution. The outstanding participants of the CSE department are as follows:

Position	Team Name	Name	Section	Roll No	Department
Winner	InDiAds	Roshan Dubey	2CSC	2102900100126	CSE
		Suraj Singh	2CSC	2102900100154	CSE
		Saubhagya	2CSC	2102900100138	CSE
Runner-Up	Digital Twins	Updhesh Pratap Singh	3CSC	2002900100173	CSE
		Gyan Ratan	3CSB	2002900100064	CSE

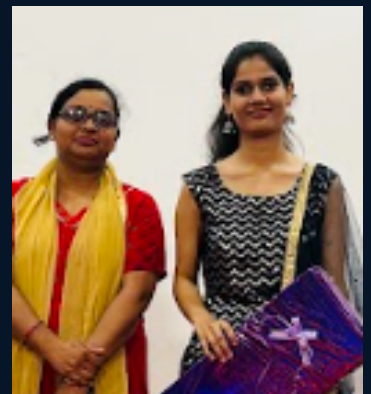


# AAYAAM CULTURAL CLUB ACTIVITIES

## Vastra-e-Sanskriti

On 28th April, 2023 the Aayaam Club, the cultural club of the Department, hosted an event that highlighted the best talents. The theme of this event was showcasing our culture, and the participants were expected to dress up and perform while wearing ethnic and cultural attire. Everyone had a great time during the event. The winners of the event are -

S.No.	Name	Branch	Year	Position
1	Riya Sharma	3rd	CSE	1st
2	Md. Tabrez Ahmad	2nd	CS-AI	2nd
3	Madhav Pandey	3rd	CSE	3rd



# RUBIX CLUB ACTIVITIES

## Bootcamp on Android Studio and AR/VR Development using Unity

Rubix Club organized a 25-hour training camp on “Android Studio and AR/VR Development using Unity” from 1st May 2023 to 19th May 2023 in hybrid mode. This bootcamp aimed to guide and train students about new technologies such as AR/VR Development and Android Studio and make them aware of it. The club's goal is to provide enough opportunities to explore lifelong learning, improve technical skills, learn time management, and collaborate with others.



**ABESIT**  
— Group of Institutions —

**RUBIX CLUB**  
Computer Science & Engineering Rubix Club

**Organizing**

25 Hrs Training Program on "Android Studio and AR/VR Development using Unity"

Starting from  
1<sup>st</sup> May 2023 onwards  
From 4:40 pm to 5:30 pm

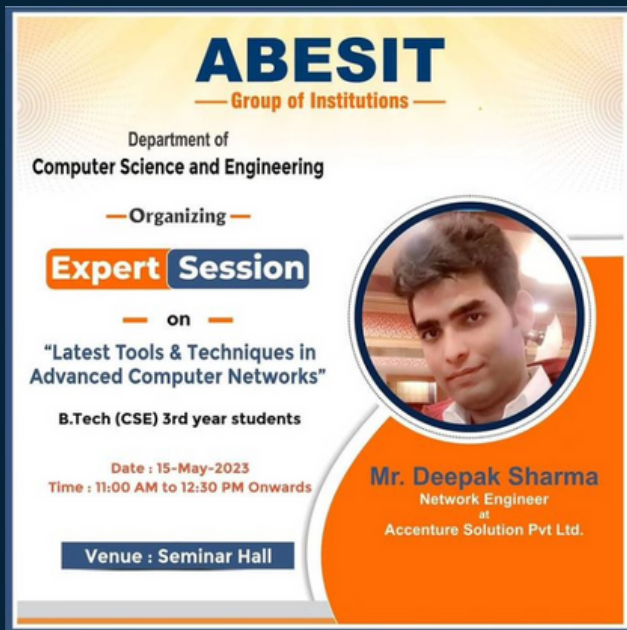
**AV Room 3<sup>rd</sup> Floor**

Contact: 9711060929, 8287516758, 8287516759  
Web: [www.abesit.in](http://www.abesit.in) | Email: [admission@abesit.edu.in](mailto:admission@abesit.edu.in)  
NE-3, Near Crossings Republic, Ghaziabad, Uttar Pradesh 201009



# Expert Talks

## Latest tools & Techniques in Advance Computer Networks



**ABESIT**  
— Group of Institutions —

Department of  
Computer Science and Engineering

— Organizing —

**Expert Session**

— on —

“Latest Tools & Techniques in  
Advanced Computer Networks”

B.Tech (CSE) 3rd year students

Date : 15-May-2023  
Time : 11:00 AM to 12:30 PM Onwards

Venue : Seminar Hall

**Mr. Deepak Sharma**  
Network Engineer  
at  
Accenture Solution Pvt Ltd.

An Expert Talk on “Latest tools & Techniques in Advanced Computer Networks” by Mr Deepak Sharma, Network Engineer at Accenture Solution Pvt Ltd was organized on 15th May 2023. This Expert Talk was an attempt to share ideas about the latest tools and technologies in Computer Networks. This Session was conducted for the 3rd year Students of the CSE Department.

## Automate your thoughts with Selenium

An Expert Talk on “Automate your thoughts with Selenium” for the 2nd and 3rd year students was conducted on 6th May 2023 by Mr Sumit Bisaria, Technical Lead at Wipro Technologies, Noida. This expert talk was an attempt to make students aware and learn about Selenium tools and automation.



**ABESIT**  
— Group of Institutions —

Department of  
Computer Science & Engineering

Organizing

**Hands on Workshop**

Topic  
Automate Your Thoughts  
with Selenium

Participants  
B.Tech CSE 2nd year & 3rd Year students

Date: 6<sup>th</sup> May 2023  
Time: 10:00 AM- 12:30 PM

Venue : Seminar Hall

**Mr. Sumit Bisaria**  
Technical Lead  
Wipro Technologies, Noida

Contact: 9711060929, 8287516758, 8287516759  
Web: www.abesit.in | Email: admission@abesit.edu.in  
NE-3, Near Crossings Republik, Ghaziabad, Uttar Pradesh 201009

# Faculty Achievements

## Faculty Development Programme

Name of Faculty	Name of FDP	Starting Date of Program	Ending Date of Program	Duration (Days)	Organized by
Mr. Kundan Singh rautela	Blockchain technology & Its Applications	25/04/2023	29/04/2023	5	Department of Computer Science and Engineering and Department of Information Technology, Vardhaman College of Engineering.
Mr. Kundan Singh rautela	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Dr. Avinash Kumar Sharma	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Dr. Rijwan Khan	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Mr. Avdesh Kumar Tiwari	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Mr. Ganesh Kumar Yadav	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.

Name of Faculty	Name of FDP	Starting Date of Program	Ending Date of Program	Duration (Days)	Organized by
Mr. Govind Kumar Rahul	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Mr. Laxman Singh	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Ms. Shalu Mall	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Ms. Archana Sharma	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Ms. Priyanka Gupta	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Ms. Sakshi Malik	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.
Mr. Laxman Singh	Current Trends in Artificial Intelligence & Machine Learning	19/06/2023	24/06/2023	6	Vardhman College of Engineering,Hyderabad
Ms Deepika Srivastav	Creativity, Innovation & Design Thinking	29/05/2023	02/06/2023	5	Electronics & Communication Engineering Department of MIT Moradabad, U.P.



# Faculty Achievements (Cont'd)

## Journal

- Onyema, E. M., Khan, R., Eucheria, N. C., & Kumar, T. (2023). Impact of Mobile Technology and Use of Big Data in Physics Education During Coronavirus Lockdown. *Big Data Mining and Analytics*, 6(3), 381-389.
- Khan, R., & Amjad, M. (2022). Applying genetic algorithm to optimise the software testing efficiency with Euclidean distance. *International Journal of Advanced Intelligence Paradigms*, 23(1-2), 72-88.
- Tyagi, A., Alelyani, S., Katiyar, S., Hussain, M. R., Khan, R., & Alsaqer, M. S. Radial Basis Approximations Based BEMD for Enhancement of Non-Uniform Illumination Images.
- Kumar, S., Ojha, J., Tripathi, M. M., & Garg, K. (2023). Integrated e-healthcare management system using machine learning and flask. *International Journal of Electronic Healthcare*, 13(1), 71-90.
- Kumar, S., Maurya, R. K., Yadav, S. K., & Kaushik, B. N. (2022). A comparative study and implementation of neuro-fuzzy and decision tree for malignant tumour detection system. *International Journal of Advanced Intelligence Paradigms*, 23(3-4), 410-422.
- Kumar, S., Banka, H., & Kaushik, B. (2023). Ultra-lightweight blockchain-enabled RFID authentication protocol for supply chain in the domain of 5G mobile edge computing. *Wireless Networks*, 1-22.
- Kumar, S., Tiwari, H., & Jaiswal, M. (2023). Diabetes prediction using optimisation techniques with machine learning algorithms. *International Journal of Electronic Healthcare*, 13(2), 158-168.
- Krishna Bihari Dubey and Mukta Goyal, Smart Certificate using Blockchain, *Journal of Computer Science* 2022, 18 (9): 877.884 DOI: 10.3844/jcssp.2022.877.884
- Bharti, V., Rathi, V., & Verma, H. (2022). Smart System Using IoT to Protect the Kitchen From Fire. *International Journal of Distributed Artificial Intelligence (IJDAI)*, 14(2), 1-10. <http://doi.org/10.4018/IJDAI.313936>

## Book Chapter

- Sharma, A. K., Tripathi, P. K., & Sharma, S. (2023). Role of Artificial Intelligence in Biomedical Imaging. In *Advancements in Bio-Medical Image Processing and Authentication in Telemedicine* (pp. 17-34). IGI Global.
- Pandey, K., Pandey, D., & Khan, R. (2023). A Medical Assistant for the Visually Impaired. In *Advancements in Bio-Medical Image Processing and Authentication in Telemedicine* (pp. 91-110). IGI Global, DOI: 10.4018/978-1-6684-6957-6.ch006

# Faculty Achievements (Cont'd)

## Conference

- Sharma, Avinash & Mittal, Abhyudaya & Kapoor, Aashna & Tiwari, Aditi. (2023). Alphabet Recognition of Sign Language Using Machine Learning. *Advances in Transdisciplinary Engineering, 1st International Conference on Recent Developments in Electronics and Communication Systems*, 10.3233/ATDE221310.
- Sharma, Avinash & Mittal, Pratiyaksha & Ranjan, Ritik & Chaturvedi, Rishabh. (2023). Bank Robbery Detection System Using Computer Vision. *Advances in Transdisciplinary Engineering, 1st International Conference on Recent Developments in Electronics and Communication Systems*, 10.3233/ATDE221322.
- Saraswat, S., Faujdar, N., & Sharma, S. (2023, March). Comparative Examination of Fake News Recognition Using an Ensemble of Numerous Machine Learning Algorithms. In *2023 6th International Conference on Information Systems and Computer Networks (ISCON)* (pp. 1-5). IEEE.
- Saraswat, S., Bhardwaj, S., Vashistha, S., & Kumar, R. (2023, March). Sentiment Analysis of Audio Files Using Machine Learning and Textual Classification of Audio Data. In *2023 6th International Conference on Information Systems and Computer Networks (ISCON)* (pp. 1-5). IEEE.
- Upadhyay, P., Garg, B., Tyagi, A., & Tyagi, A. (2023, March). Face Recognition Using EfficientNet. In *Proceedings of International Conference on Recent Trends in Computing: ICRTC 2022* (pp. 679-692). Singapore: Springer Nature Singapore.
- P. Upadhyay, S. Srivastava, S. S. Pandey and A. Goel, "Lane Line Detection Using Machine Learning," *2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT)*, Ghaziabad, India, 2022, pp. 1-6, doi: 10.1109/ICICT55121.2022.10064598.

# Placements

The Corporate Resource Center plays a crucial role in the placements of the college and to its achievement, the placements of the batch of 2023 were approx. 80%. In the current semester (8th Sem), 60 companies have visited the college in which approx. 154 students were placed.

