ABES INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

ABESIT
COLLEGE OF ENGINEERING

Estd: 2007

Academic Session
2022-2023(Odd Semester)

The IT Department offers Bachelor of Technology programme in Information Technology. The faculty members of department are well qualified and effective.

ADVISORY BOARD

Prof. (Dr.) M.K. Jha
Director, ABESIT

Prof. (Dr.) Bipin Kumar Rai
Head of Department, IT

EDITORIAL BOARD

Faculty Co-ordinator
Ms. Shivani Sharma
(Assistant Professor, IT)

Student Co-ordinators
Aparna Jha   (3rd year IT)
Khushi Sharma   (3rd year IT)
Sneha Gupta   (2nd year CS-DS)

VISION

- To become a front runner in transforming the individuals into competent IT professionals, to meet the needs of evolving technology and serve the humanity.

MISSION

- To impart quality education with innovative teaching learning process to develop culture of research and innovation.
- Collaborate and interact with industry professionals, academicians to provide suitable forums to exhibit the creative talent of students.
- Provide leadership and planning for effective and strategic use of information technology.

NATIONAL BOARD OF ACCREDITATION

02

03

Department Activities

Workshop on Data Structure

Information Technology department organized an expert talk on 07-October-2022 for second year students on 'Data Structure'.

The session was conducted under guidance of Dr. Bipin Kumar Rai, HOD(IT) and was hosted by ***Ms. Mosina Ashraf*** ,Coding Blocks.

The Resource Person Focused on How to start the coding journey and the best time to do so, also discussed about platforms from where students should practice questions to get placed.

Department Activities

Workshop on Blockchain

Information Technology department organized an expert talk on "Unleash The Dev Power" for 3rd Year IT & CSE (Data Science) Students on October 10,2022.

Speaker- ***Kumar Satyarth*** (Smart Contract Developer at Timeswap) shared knowledge about how to make a project , technological stacks , Internships, Hackathons and Blockchain Technology.

A successful session of the expert talk ends up by giving prize to the most interactive student.

Department Activities

Workshop on Competitive Programming

Information Technology department organized a session talk on 23rd Sept. 2022 for 2nd year students on "Competitive Programming and Design Thinking skills" to provide a roadmap on technical and project making skills along with strong academics.

The session was conducted under guidance of Dr. Bipin Kumar Rai, HoD(IT) and was hosted by Aparna Jha (IT 3rd) , Aryash (IT 3rd) , Sajal (IT 3rd) and Kanan Sharma (CSDS 3rd).

Students had great time learning about different fields in software development and asked their queries regarding hackathons and programming. They learned how to start their quest in competitive programming. They also learnt the usage and importance of Github, and how to balance their academics with developments.

IT TECHNICAL CLUB

Event-Mind Meld

IT Technical Club organized the event "Mind Meld" for all branches of 2nd year and 3rd year on 11th November 2022. We are delighted to share some glimpse of the event "Mind Meld".

The event gave learning and experience to the participants about Online Assessment and Group Discussion which are essential procedure to crack most of the interviews. The student got to analyze both their tech & Communication skills in the same event.

The event ended with 4 winners-
1. Sneha Gupta(CS DS 2nd year)
2. Prateek Sinha(CS DS 2nd year)
3. Divyansh Dubey(CSE 3rd year)
& Vaibhav Singh(CS DS 2nd year)

Congratulations all the winners!!

IT Technical club congratulates all the winners. The winners were awarded with certificate and cash prize. We would also like to congratulate all the participants who had made an effort in competing.

ZEN CLUB ACTIVITIES

Event-Clash of the Views

On the occasion of Engineer's Day, Zen club of IT department organized a debate competition CLASH OF THE VIEWS .The event was held on 15 sept 2022 and students from various departments participated in it .

Full of amazing views, thoughts, discussions about topics, polishing skills and learning new things, the overall event was attractive and well planned.

The Winners of the event were:

*Parth Gupta from CSE 2 Year
*Priyank Awasthi from CSE(AI) 3 Year
*Stuti Srivastava from CSE 2 Year
*runner up Vibhor Sharma from CSE(DS) 2 Year

Congratulations to all the winners!!

BIT BRAIN CLUB ACTIVITIES

Event-Presento

"Wherever you put your potential, you will always be appreciated."
Recently BIT BRAIN CLUB of Information Technology department organised an event "PRESENTO".
We recieved good participation in the event, and that is highly appreciated.
Prizes were distributed to the event's top performers and T-prizes were distributed by our H.O.D. Bipin Kumar Rai and our club mentor Shivani Sharma, Assistant Professor.

Winner 1st- Team Bit by Bit
Team Members: Aman Sengar and Divyansh Mittal.

2nd Position- Team Progessix
Team Members: Sneha gupta and Sudhanshu yadav.

3rd Position- Team Surviver
Team Members: Shreya Dixit and Yashika.

Congratulation to the winners!!

FACULTY ACHIEVEMENTS

FACULTY RESEARCH PAPER PUBLICATION

SESSION (2022-2023)

Faculty Name	S, No.	Publication Details	Date
Dr. Bipin Kumar Rai	1	Simulation of the Lightweight Blockchain Technique Based on Privacy and Security for Healthcare Data for the Cloud System, International Journal of E-Health and Medical Communications (IJEHMC), DOI: 10.4018/IJEHMC.309436, ISSN: 1947-315X|EISSN: 1947-3168, ESCI,Scopus	1 November, 2022
	2	Patient-centric multichain healthcare record, International Journal of Reliable and Quality E-Healthcare (IJRQEH), http://doi.org/10.4018/IJRQEH.318090, 2160-9551, Scopus	8 November, 2022

FACULTY ACHIEVEMENTS

FACULTY RESEARCH PAPER PUBLICATION

SESSION (2022-2023)

Faculty Name	S, No.	Publication Details	Date
Mr. Sumit Kumar	1	Voice-Based E-mail System for Visually Challenged People, International Conference on Recent Developments in Electronics and Communication Systems(RDECS-2022), doi:10.3233/ATDE221248, ISSN 2352-7528Vol:32Page No.133 - 138, Scopus	22-23 July, 2022
	2	Finite State Machine for Testing the GUI using Genetic Algorithm based on Weightage given to different classes, International Conference on Recent Developments in Electronics and Communication Systems(RDECS-2022), DOI:10.3233/ATDE221333, ISSN2352-7528Vol:32,Page No.689-697, Scopus	22-23 July, 2022

11

FACULTY ACHIEVEMENTS

FACULTY RESEARCH PAPER PUBLICATION

SESSION (2022-2023)

Faculty Name	S, No.	Publication Details	Date
Dr. Kaushal Kishor	1	Study and Development of Efficient Air Quality Prediction System Embedded with Machine Learning and IoT, In Deepak Gupta et al. (Eds), Proceeding International Conference on Innovative Computing and Communications. Lect. Notes in Networks, Syst., Vol. 471, Springer, Singapore, https://doi.org/10.1007/978-981-19-2535-1_24, 978-981-19-2535-1, Scopus	September 2022

PLACEMENT

Congratulations and Wishing All The Success

S . No.	Name of Student	Company Name
1	Anjali Jha	Iopex Technologies
2	Ankit Shukla	UPGrad
3	Ashutosh Kumar	UPGrad
4	Deepanshu Malik	Cloud Analogy
5	Dev Malhotra	Iopex Technologies
6	Dhananjay Singh	Iopex Technologies
7	Dipanshu Narayan	Bharuwa Solutions
8	Girisha Narula	OneXtel 5
9	Pranav Vashishtha	MAQ Software
10	Manak Rawal	NET Prophets

PLACEMENT

Congratulations and Wishing All The Success

S . No.	Name of Student	Company Name
11	Mukul Kumar Sahu	Traviyo
12	Radhika Piplani	NET Prophets
13	Rohan Jain	Wind Mollar
14	Sanskar Gupta	NET Prophets
15	Shrishti Gupta	Tech M
16	Shrishti Vishwari	Traviyo
17	Sushant	PIE.Infocomm
18	Tanisha	Iopex Technologies
19	Taniya Goel	Palle Technologies
20	Vedant Dubey	NET Prophets

PLACEMENT

Congratulations and Wishing All The Success

S . No.	Name of Student	Company Name
21	Nikhil Kardam	Aloba Technologies
22	Viraaj Akulwar	Iopex Technologies
23	Khushi Dubey	Bharuwa Solutions/ Pie.infocomm/Tech.M

ARTICLE

What would your alarm clock say if it could talk?

What would your alarm clock say if it could talk? Perhaps it would chastise you for pressing the snooze button too frequently or thank you for waking up early. Perhaps it would complain about its own lack of sleep and remind you of everything you needed to do that day.

Whatever its message, a talking alarm clock has the potential to change the way we wake up in the morning. Here are some possible responses from your talking alarm clock:

"Hello and good morning! Get up and shine!" This is most likely the most obvious statement your alarm clock would make. Your clock would greet you with a friendly, human voice rather than a beeping noise or a blaring horn. This would make waking up a little less abrupt and more pleasant.

"It's time for you to get up, lazybones." Of course, some alarm clocks may be less accommodating. If you're the type of person who repeatedly presses the snooze button, your alarm clock may grow tired of you. It might criticize your lack of motivation or tell you to stop being so sluggish.

"Today is going to be a fantastic day." A positive affirmation from your alarm clock could help you start your day on the right foot. You're more likely to have a productive and satisfying day if you wake up feeling optimistic and energized. "Don't forget to bring a lunch." Your alarm clock could be a helpful reminder of everything you need to do before leaving the house. It could prompt you to take your medication, feed your pets, or complete a project you've been putting off. Finally, if your alarm clock could talk, it would probably have a lot to say. A talking clock could be a useful addition to your daily routine, providing friendly greetings and helpful reminders. Whether you're a morning person or a night owl, a talking alarm clock would make waking up a little more enjoyable and personalized. So, the next time you're in the market for an alarm clock, think about getting one with a voice - it might just change the way you start your day.

MUSKAN GUPTA
2nd year