ABES INSTITUTE OF TECHNOLOGY

College Code: 290

Department of Information Technology
e-Newsletter

An official Bi-Annual e-Newsletter for internal circulation

January2020   Volume : IV

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.
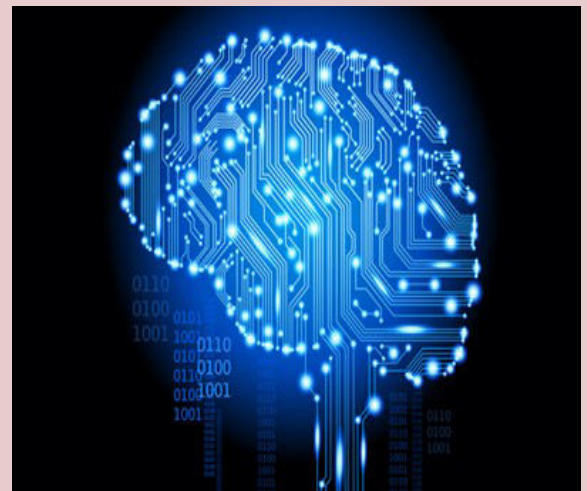- Provide leadership and planning for effective and strategic use of information technology.

"You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete."

— Buckminster Fuller

FACULTY ACHIEVEMENTS

Congratulations to Prof. Bipin Kumar Rai for award of PhD degree in Computer Science by Banasthali University, Rajasthan.
Thesis title: Pseudonymization Based Mechanism for Security and Privacy of Healthcare Information System

Congratulations to Prof. Kaushal Kishor for the award of PhD degree in Computer Science and Engineering by Dr. A.P.J Abdul Kalam Technical University, Uttar Pradesh.
Thesis title: Study and Development of Secure Subnet Gateway Routing Protocol for MANET

FACULTY DEVELOPMENT PROGRAM

S.NO.	Faculty Name	FDP Attended	Date	No. of Days/ Weeks	Venue
1	Ms. Shivani Sharma	Current Research Trends in Artificial Neural Network	8th -12th July 2019	One Week	AKGEC,Ghaziabad
2	Dr. Kaushal Kishor	Effective Communication for Managerial Success	30th August-01 September 2019	Three Days	IIM, Lucknow Campus Noida
3	Ms. Faraj Chishti	Data Analytics with Python	7th -11th September 2019	One Week	IIT,Kanpur
4	Ms. Sonika Bhatnagar	Artificial Intelligence	14th -19th September 2019	One Week	IIT,Kanpur
5	Ms. Deepti Singh	Data Analytics with Python	9th -13th November 2019	One Week	IIT,Kanpur
6	Mr. Sumit Kumar	Internet of Things	16th -20th November 2019	One Week	IIT,Kanpur

WORKSHOPS & EXPERT TALKS

An expert talk was organized by ABESIT Institution's Innovation Council on 8th August 2019 at 11 am in the auditorium. The topic of the session was "Future of Technology" and was delivered by Mr Rajeev Kumar Singh (Head-Cloud COE, Sopra Steria India). The expert discussed in detail about the current as well as the prospective future technologies.

Department of Information Technology organized expert talk on "Entrepreneurship & Innovation as a career opportunity" on 30th August, 2019 for IT 2nd year and 3rd year students, which was delivered by Mr. Anshu Tiwari, Software Developer, ION Trading Pvt. Ltd. from 11:00 AM to 1:00. Total 105 students attended the session. The main objective of the session was to make the students aware of actual difference between the Business and Entrepreneurship. Expert discussed about the myth and truth of Entrepreneurship.

IT Department organized a workshop on "Web Scraping and NLP" for 2nd, 3rd and 4th year students on 18/11/19, coordinated by Ms. Shivani Sharma.
The Expert Mr. Harpreet Singh Sachdeva took a hands-on-session on how to abstract and collect data from any website, and sentiment analysis was done on the collected data using python. A small project was done by the students for analyzing the reviews of a product from online shopping site Flipkart.

IT Technical Club organised a session on Problem Solving/Design Thinking for students of 2nd IT Branch on Thursday(Aug. 29, 2019) at 11:30AM. Total 56 students attended this session.
Main focus of this session was to make aware about the approach for Problem Solving, formulating ideas. It was very Informative and Acknowledge enriching session for the participants.

BIT BRAIN CLUB EVENTS

HACKNOVATE 1.0(DAY-1)

A two day event is being organised by ABESIT Instititution's Innovation Council(IIC) along with BIT-BRAIN, IT TECHNICAL CLUB owned by IT department and TECHNOVATION club owned by ECE department. This event is being sponsored by CSI and ISTE. On the first day, QUIZ was organized in which 120 students participated.

Winners of the event were:-

BASIC QUIZ

SHIVESH TRIPATHI (FIRST POSITION)
ABHYUDAYA MITTAL (SECOND POSITION)
SHREYA PUNETHA (THIRD POSITION)

CORE QUIZ

KIRTI SHARMA (FIRST POSITION)
AKSHAY KUMAR (SECOND POSITION)
AAKASH PRAJAPATI (THIRD POSITION)

HACKNOVATE 1.0(DAY-2)

The second day of Hacknovate 1.0 featured a 12 hour hackathon (Software and Hardware edition) in which a total of 53 teams from various colleges of NCR participated. The projects were evaluated by the industry experts Anshu Tiwari, Camilla Mondani, Mattia Messaggio, Chiara Fornaciari.

Winners of the event were:-

1st Prize:-Team Muskeeter (awarded with a prize money of 5000 Rs.)
2nd Prize: Team Beta (awarded with a prize money of 3000 Rs.)
3rd Prize: Team Barbarian (awarded with a prize money of 2000 Rs.)
Consolation Prize: Creativity Crew (awarded with a prize money of 1000 Rs.)

ZEN CLUB EVENTS

Zen Club of IT department organized 3hrs meditation session for faculty members. Total 22 faculty members of CS/IT/EC/ME participated in this meditation session. Faculty members enjoyed Osho Stop dance, Gibberish meditation followed by silence sitting. ZEN_CLUB Meditation
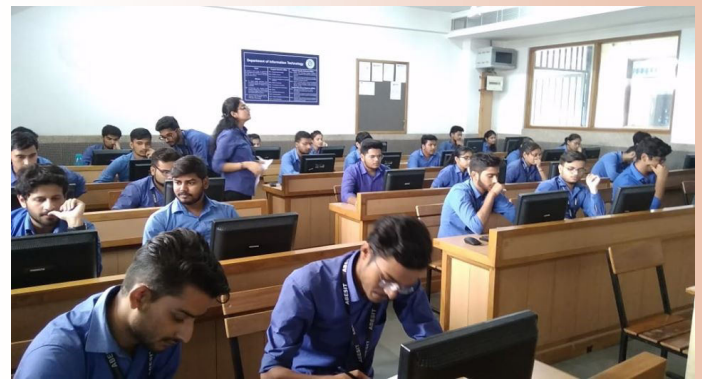
IT TECHNICAL CLUB EVENTS

Technical Club of IT Department organised a Quiz on C Programming for students of 2nd and 3rd year IT Branch on 23 August 2019 from 3:00 pm to 4:40 pm. It was a interesting online quiz and the students showcased their brilliance by participating with full enthusiasm. The main motive was to help introspecting the students on their skills and problem-solving capability and to create a feeling of competition among students. **The organizers of the event were** Sarthak Chahal (IT 3rd Year), Gaurav (IT 3rd Year), Juli (IT 3rd Year) and Shreyshi Maheshwari (IT 3rd Year).

Technical Club of IT Department organised an "APTITUDE TEST" for students of 2nd,3rd and 4th year IT Branch on 30/8/19. It was focused on company based MCQ's. Total 66 students participated in the event and all the students took part with full enthusiasm. The duration of event was 100mins. **The winners were:- 1st Position-** Shubham Dhawan (2nd year), **2nd Position-** Vaibhav kumar (2nd year) and **3rd Position-** Abhiraj Varshney(2nd year)/Sidh Bhardwaj (3rd year).
The organisers of this event:- Kumar Satyarth (IT 2nd Year) and Sumrah Fatima (IT 2nd Year).

Technical Club of IT Department organised an "GROUP DISCUSSION" for IT students on 12 September 2019. The main motive was to help introspecting the speaking capabilities.
Participants were judged by Prof. Sughanda Mittal.
Winners were:- Vaibhav Kumar (2nd year) and Sarthak Gahlot (2nd year)
Runner-up:- Pallavi Ghosal (3rd year).
Organised by:- Dhishwari Singh (3rd year)and Sumrah Fatima (2nd year).

INDUSTRIAL VISITS

An Industrial visit to "MCN Solution Pvt. Ltd.", H-217 Sector 1st Floor 63, Noida was organized by IT Department on 26th September, 2019. 53 students of IT 3rd year, along with faculty members, Prof. Sumit Kumar, Prof Kaushal Kishore visited MCN Solution Pvt. Ltd.

An Industrial visit to "MCN Solution Pvt. Ltd.", H-217 Sector 1st Floor 63, Noida was organized by IT Department on 26th September, 2019. 53 students of IT 3rd year, along with faculty members, Prof. Sumit Kumar, Prof Kaushal Kishore visited MCN Solution Pvt.

IT-Students Artificial Intelligence and Azure Meetup at Microsoft Gurgaon. A Day with Artificial Intelligence and Azure named Meetup was organized at Gurgaon Chapter meet by C# corner on 5th October,2019. Students from IT department went to attend that workshop at Microsoft Office, Gurgaon. The main topics covered during the event were AR (Augmented Reality) and VR (Virtual Reality), Game development with unity, Block chain and machine learning.

Students Achievements

E-Yantra Robotics Competition 2019-2020

Students that Qualifies the Screening Test Conducted By IIT Bombay

S.No.	Name of Student	Theme Assigned
1	Vaibhav Kumar	Construct-O-Bot
2	Rohan Tyagi	
3	Shubham Dhawan	Survey and Rescue
4	Satyam gupta	
5	Sandeep Shukla	
6	Urvashi	Rapid Rescuer
7	Vanshika Shukla	
8	Shivya Srivastava	
9	Sidh Bhardwaj	Biped Patrol

Participation in Technoxian, International Robotics League

Shruti Garg student of IT Department 3rd Year, has Participated in WRC–ROBORACE challenge of Technoxian. The event was held in Thyagaraj Stadium, New Delhi from 23rd Sept to 25 Sept 2019. The Technoxian Robo Event is the 5th International Robotics League and World Robotics Championship.

Participation in Intellectual Property Talent Search Examination

Sumakshi student of IT Department 3rd year, has Participated and has successfully Scored 63.89 percent in IPTSE 2018-19 and Rank 144 at all India Level.

IPTSE (Intellectual Property Talent Search Examination) is a joint Initiative of ASSOCHAM and ERICSSON.

AKTU'S State Level Sports Fest 2019-20

AKTU'S State Level Sports Fest 2019-20 being conducted at BBDNITM, Lucknow, from 21st to 23rd October 2019 and **Juli Singh, IT-IIIrd Year** (Girls Volley Ball team) received **Silver Medal.**

Dr. Abdul Kalam Sports Fest (2019-20) Zonal level Sports was held on 24 to 26 September 2019 at VGI-Vishveshwarya Group of Institutions, Greater Noida. **Juli Singh IT-IIIrd Year** (Girls Volley Ball Team) Received **Gold Medal** and **Nikita Gupta IT-IIIrd Year** (Girls Table-Tennis Team) Received **Silver Medal**
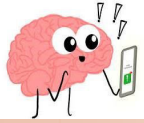
PLACEMENTS

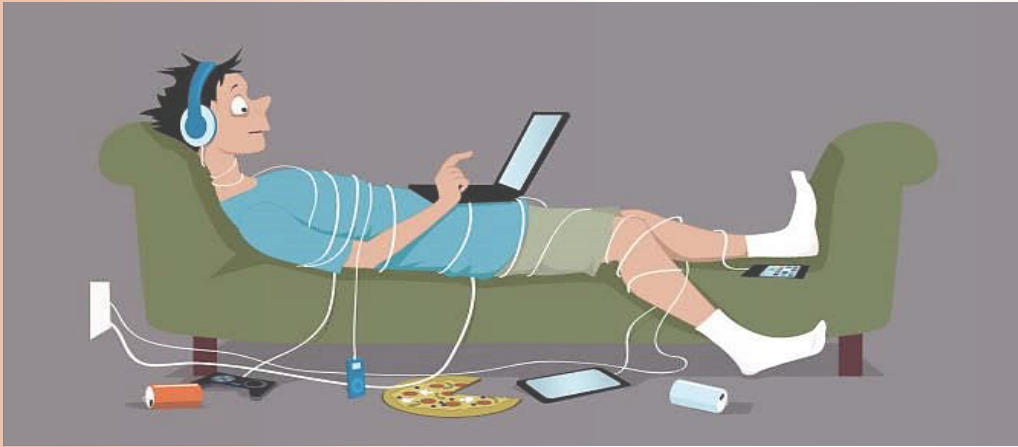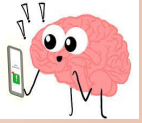## Department Congratulate And Wish All The Success

STARS OF OUR IT DEPARTMENT!! THE ONES WHO SHONE!!

S.No.	Name of Student(s)	Company
1	Shiva Tiwari	TO THE NEW
2	Arushi Garg	Cavisson Systems
3	Sarthak Verma	Nucleus Software
4	Apoorva Singh	TCS
5	Aayushi Singh	QA InfoTech
6	Akarshita Jain	
7	Prachi Chauhan	NTT Data
8	Shreya Pathak	
9	Anisha Singh	Fluper
10	Drishti Sharma	
11	Nikhil Sharma	
12	Prachi	
13	Prachi Chauhan	
14	Ravi Verma	
15	Rohan Rai Gupta	
16	Shagun Saxena	
17	Shivam Singh	
18	Shreya Pathak	
19	Shubham Gaur	
20	Siddharth Sharma	
21	Sidhant Khanna	
22	Deepak Sharma	Webkul Software
23	Sarthak Sharma	Certybox

ARTICLE

How Digital Addiction Affects Us?

We are living in an IT revolution era. Indispensability of internet and computers cannot be denied. The modern youth and children don't have any other option. Internet and computers have already taken over each and every field.

As we know 'Excess of everything is bad.' children have shown enormous interest in the virtual reality created by IT revolution. Easy access to smart phones, tabs, laptops, smart TV, internet, etc.

They prefer sitting glued to the LED screens of the above mentioned devices at the cost of their games ,sports, and studies. They no longer know the joys of playing outdoor games. So their health has deteriorated considerably.

Their impressionably minds are at risk of being exposed to vulgar and obscene sites teeming on internet. Besides, sitting for long hours in front of these screens affects their eyes, as well as mind. They remain tense, always busy processing one thing or another. They don't have peace of mind. They have forgotten the art of writing letters, reading books, comics, listening to stories from grandparents;

they prefer Whatsapp, Facebook, Instagram, YouTube, Twitter etc.

This addiction is not going to stand them in good stead. This is affecting them of physical and mental strength that one gets from playing outdoor games and reading books. According to a study, almost 90% of the entire human race is in at least one social networking site, the rate of using internet is also increasing. This has reduced the time people spend with their families and children.

Among all countries, India comes 2nd in using Internet in 2019. And China on top. Increases Rate Of Rumours

Social media is a boon, but in today's time, it sometimes becomes a curse because in today's time people use social media so much and share any news without knowing the reason for it is right or wrong. And it sometimes takes the form of rumour. Because of which there are riots and there are chances of being.

The Physical Effect

Digital addiction can impact a person's relationships, work or school performance, student cannot think to write anything they search on net these things are affect the student innovation power and thinking skills, it can also have some serious and unpleasant physical effects like- Poor Posture, Affects Eyes (Dry Eyes and other Vision), Headaches etc.

Impact on Society

Today, people don't care about their neighbors. They care about their online friends. It's because societies are becoming comfortable. And no one cares about the problems practically such as environmental changes. The Internet is becoming the source of raising funds for a social cause. And in reality, only a few societies using that fund for social and environmental development.

The Internet is creating robotic societies. A society with hybrid skills doing like, comments but doesn't have feelings and own impact on his/her social shares. This can be the negative impact of the internet on society.

Effects on Ethical Values

Ethical issues related with the social media the impact of social media on our life has been very mixed, with ranging from good and bad effect working side by side. But the focus here will be the impact of social media on our ethical issues. Effects like cyber bullying, sexting, privacy issues, social injustice and ignorance, effects on family values and lack of pure judgments are some of them.

RITIK SINGH
3RD YEAR IT STUDENT

INTERNET USE: DEVICE PERSPECTIVE
APR 2019
BASED ON ACTIVE INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

TOTAL NUMBER OF ACTIVE INTERNET USERS	INTERNET USERS AS A PERCENTAGE OF TOTAL POPULATION	TOTAL NUMBER OF ACTIVE MOBILE INTERNET USERS	MOBILE INTERNET USERS AS A PERCENTAGE OF TOTAL POPULATION
4.437 BILLION	58%	4.031 BILLION	52%