



ABES INSTITUTE OF TECHNOLOGY

Department of Computer Science & Engineering
(NBA Accredited Program till 2021-2022)



e-Newsletter

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Spotlight...

- ◆ Vision & Mission
- ◆ Article
- ◆ Expert talks/ Webinars
- ◆ DAC Meeting
- ◆ Student's Achievements
- ◆ Student's Placement
- ◆ Faculty Corner
- ◆ Alumni Meet (Reminiscence-2020)

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 Centres of Excellence.
- Inculcate societal values, professional ethics, team work, and leadership qualities by having exposure at National and International level activities.

ARTICLE**IOT with AI and DevOps Tool as Monitoring**

Internet of things is just has an immense impact on industry more focusing on automation as an aspect. They are simply **receptors** that calibrate values or senses but are not suitable for decision making still plays a vital role in this aspect of sensing and forwarding the values through and reliable channel also IOT introduced trust factor for secure transmission of data. Simple diagram of outlook in **Fig-1**.

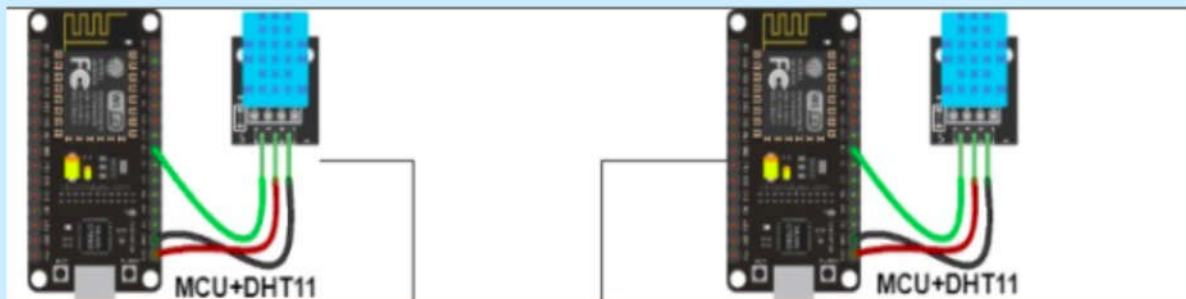


Fig-1

Artificial intelligence as an aspect of **decision making or pattern recognition** which above lacks will be computed as a vital part of the system for prediction ,analysis etc the workflow will now can work on test cases for automation and smooth functionality.

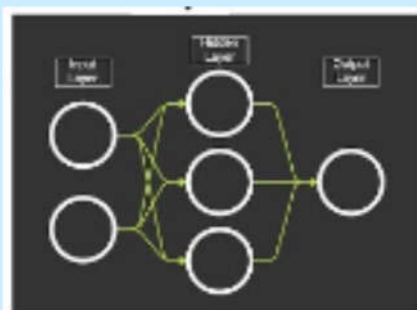


Fig-2

IOT with AI and DevOps Tool as Monitoring Cont....

Devops tool such as **grafana** with database called **influxdb** will be efficient for monitoring live with above data flow as a part of integration these tool are more focused on monitoring of CPU, RAM etc utilisation. Influxdb serve purpose to solve **big data** as a part because IoT data will be largely computed and should be deployed on a large scale but suits for above use case where data from IoT comes and held with AI for decision making and then visualising and monitoring with live simulator the fig-3 shows complete setup with **dashboard**.



Fig-3

Prof. Avinash Sharma (SIH Mentor)

Assistant Professor, CSE

Tushar Raj Verma (SIH Participant)

4th Year, CSE

Expert Talks/ Webinars

Department of CSE conducted a one day workshop on the topic **“IoT & its applications”** on 25th Jan, 2020 by Mr. Chakit Swaroop (National Project Manager, Digital India). The session focussed on the different areas where IOT can be used and its major applications.



A Workshop was organised on 26th February, 2020, on the topic **“Launch Your Career by Vineela, LinkedIn ”**. Students of 2nd & 3rd Years of CSE Branch attended the event and session was very interactive and energetic.

CSE Department organised a one day workshop by Prof (Dr) K.K Agarwal (Head, R&D) on **“Proof Of Concept”** and **“Mentorship Session for Innovators”** on 18th Jan, 2020.



Expert Talks/ Webinars

A workshop was organised by **Amazon Web Services** in collaboration with WebTeck Labs Pvt Ltd on 11th Feb' 2020, in CSE Department. The resource person for the workshop was Mr. Saurabh Kumar who motivated and guided the stu-



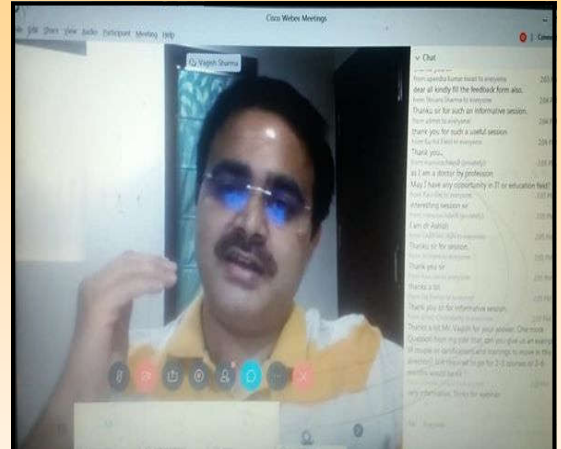
Department of CSE organised an internship talk “ **How to gain experience and pocket money while in college**” was delivered by Anushruti Gupta (Final Year student) on 19th & 20th feb' 2020 wherein 200 approx students attended the session.

A Seminar was conducted in CSE Department on “ **Network management with ethical hacking**” by Mr. Santu Purkait (Netcamp Solutions Private Limited), on 21'Feb 2020, who gave Hands-on experience to the students and explained the concepts of networking & hacking.



Expert Talks/ Webinars

A webinar was organized by CSE Department, on the topic **“Data Analytics and Employment Opportunities”** on 15th May, 2020. The speaker was Mr. Vagish Sharma. Total 97 faculty/Students participated in this Webinar session.



A student mentoring session was conducted on **“How to start your own startups- Legal & Ethical steps”** by Prof (Dr) K.K Agarwal on 25th Jan'2020.

A Short Term Training Course was organised on topic **Big Data and Analytics**, at ABESIT from 3rd February to 7th February, 2020. 28 faculty attended this course. We are thankful to NITTTR, Chandigarh for providing this opportunity to our institute.



Department Advisory Committee (DAC)



The Department of Computer Science and Engineering conducted a **DAC Meeting** to strengthen Industry Institute Interaction (I.I.I.) cell, academic performance, placement and higher studies. The DAC meeting was held on 15 February 2020. The DAC is composed of members from Academia, Industry, Parents, Alumni, Director, Head-CSE and Faculty members of the department.

Student's Achievements

Team **Intelleneur** (Tarun Agarwal, CSE 3rd year, Hariom Kushwaha and Kritika Gupta CSE 2nd year)of ABESIT bagged **First Prize** in **Techathlon 2020** at Indraprastha college of Engineering on 14'Feb, 2020.



Aditi Tiwari and **Aashna Kapoor** of 2nd CSE won **Gold Medal** in **T-Shirt painting** Event and **Ramnika Jain** of CSE 4th year won **Bronze medal** in **Solo Dance** in **Dr. Abdul Kalam Art & Cultural Fest 2019-20** on 7'Feb-8'Feb, 2020.

Students team (**Aayushi Singh, Arpit Verma, Vidushi Malik**) won **Bronze Medal** in **Fashion Choreography** Event, on 7'Feb-8'Feb, 2020.



Student's Achievements



Tushar Raj Verma, CSE 4th year got **Best Paper Award** in International Conference on **Intelligent Communication and Computational Research (ICICCR 2020)** on 25th January 2020 at Punjab Institute of Technology, Rajpura, Punjab.

Tarun Agarwal, 4CSE, Sandeep Kumar Shukla ,CSE , Kritika Gupta ,CSE , Hari Om Kushwaha ,CSE won **Internal Hackathon@ABESIT of SIH2020 (Software Edition)**, on 04' Feb, 2020.



Team (**Nitesh Chaudhary, 2nd year CSE, Vidushi Malik,, 2nd year CSE**) got **1st Runner up** in **Technovation Hackathon 2(Sharda University)** on 25'Jan– 26'Jan, 2020.

Student's Achievement Contd.....

S.No.	Name of the Event	Name of Student (Winner –Position)	Winner / Participation (Levels)	Date
1	Amity Confluence 2020(10 th International IEEE Conference)	Neha Goel (An Intelligent model for predicting the sales of a product)	(Participation Certificate)	29.01.2020 -31.01.2020
2	Inter-College IPEC Techathlon (Project Presentation)	Aakash Choudhary	2 nd Position	13.02.2020 -14.02.2020
		Rajveer Singh		
		Saket Sharma		
		Aman		
3	Inter-College IPEC Techathlon (Hackathon)	Niharika Dhingra	Participation Certificate	13.02.2020 -14.02.2020
4	International Conference on Intelligent Communication and Computational Research (ICICCR 2020)	Devashish Sharma	(Paper Presentation, Participation Certificate)	25.01.2020
		Tushar Goel		
5	International Conference on Modelling and Simulation and Intelligent Computing (ABES EC)	Jaya	(Paper Presentation, Participation Certificate)	05.03.2020- 06.03.2020
		Jyoti Chaudhary		
6	SIH'20 Internal Hackathon (Hardware Edition: 4 Teams Shortlisted for Finale)	NEMESIS (SARFARAJ HUSSAIN and SEJAL AGARWAL) ANGRY_NERDS (Kajal Gupta and Saurabh Bhardwaj)	Shortlisted for Round 2 Evaluation	18.04.2020
7	SIH'20 Internal Hackathon (Software Edition: 25 Teams and 116 Students from CSE Participated)	8 Teams Shortlisted for Finale are:	Team Leader / Member	05.02.2020
8	Intelleneur	Tarun Agarwal	Team Leader	
		Sandeep Kumar Shukla	Team Member	
		Kritika Gupta	Team Member	
		Hari Om Kushwaha	Team Member	
9	Codevelopers	Sahyog Saini	Team Leader	
		Akhil Chaudhary	Team Leader	
		Divesh Kumar Singh	Team Member	
		Shweta Shukla	Team Member	
		Shekhar Dwivedi	Team Member	
		Vaishnavi bhardwaj	Team Member	

Student's Achievement Contd.....

S.No.	Name of the Event	Name of Student (Winner –Position)	Winner / Participation (Levels)	Date
10	Star Bugs	Ajay Pratap Singh	Team Leader	
		Archit Jain	Team Member	
		Ayush Srivastava	Team Member	
		Anjali Tyagi	Team Member	
		Rishabh Gupta	Team Member	
		Sarthik Garg	Team Member	
11	MUSKETEERS	Rahul Kumar Pandey	Team Leader	
		Shobhit Vishnoi	Team Member	
		Shubham Yadav	Team Member	
		Mayank Mani Tripathi	Team Member	
		Kirtika Garg	Team Member	
		Harshit Gupta	Team Member	
12	Hex Clan	Shatabdi Singh	Team Leader	
		Vaibhav Raj Srivastava	Team Member	
		Ayushi Gupta	Team Member	
		Apurv Garg	Team Member	
13	!ncognito	Tushar Raj Verma	Team Leader	
		Utkarsh Srivastav	Team Member	
		Urvashi Chaudhary	Team Member	
		Srishti Agrawal	Team Member	
14	The Alpha Vibe	Om Narayan Singh	Team Leader	
		Mayank Rawat	Team Member	
		Rupal Garg	Team Member	
		Pawan Tanay Tripathi	Team Member	
		Mansi Jaiswal	Team Member	
		Naman Bhardwaj	Team Member	

All Students of CSE Department have completed their online certifications, trainings, internship, workshop, webinars, seminars and courses from various online platforms like Coursera, Udemy, Spinbit Technologies Limited, Cognitive Class.ai, deeplearning.ai and many more.

Student's Placement

The efforts made by the Corporate Resource Centre are visible and students got an excellent placements; 90% students got placed in different Companies in 2020-21 Even Semester. Department of Computer Science & Engineering Congratulates them and gives Best Wishes for their bright future.

Sr. No.	Company's Name	No. of Selections
1	Hestabit Technologies	02
2	ESS Software	02
3	Telesys Software	02
4	NetProphets	2
5	IT by Design	02
6	Appventurez Mobitech	1
7	Navyug Infosolutions	02
8	BYJU's	1
9	Amazon	01
10	WFX	01
11	Collabera Technologies	01
12	Nagarro Software	2
13	Nucleus Software	1
14	Infosys	15
15	Dew Solutions	01
16	WoorG	01
17	HCL Technologies	02
18	NIIT Technologies	1
19	Capgemini	05
20	Syncsort	01
21	Value Prospect	01
22	Wipro	02
23	Indus Valley Parterns	02
24	DLT Lab Technologies	01
25	Head Field Solutions	01
26	Quantum IT Innovation	01
27	Techquire Solutions	01
28	Tech Mahindra	04
29	Certybox	01

Faculty's Corner

Faculty Development Program

Sr. No.	Faculty Name	Name of FDP Attended	Date of FDP	No. of Days	Organized by
1	Dr. Rizwan Khan	Big Data Analytics	03rd Feb 2020 to 7th Feb 2020	05 Days	NITTTR, Chandigarh
		Indo-Muscat one-week Virtual workshop on Research Writing Skills	May 26th to 30th May, 2020	05 Days	University Center of Research and Development (UCRD), Galgotia University
2	Dr. K.K Agarwal	Deep Learning Applications on Computer Vision	May 04 to May 08 2020	05 Days	AICTE ATAL & IIT Naya Raipur
		Artificial Intelligence	May 11 to May 15 2020	05 Days	AICTE ATAL & NIT Bophal
		Big Data Analytics	Feb 3 to Feb 7 2020	05 Days	NITTTR, Chandigarh
3	Mr. Avinash Kr. Sharma	Examination Reforms	29.04.2020 to 02.05.2020	04 Days	All India Council for Technical Education
		Big Data Analytics	03rd Feb 2020 to 7th Feb 2020	05 Days	NITTTR, Chandigarh
4	Mr. Sanjeev Kumar	Deep learning and machine learning application using python	06.01.2020-10.01.2020	05 Days	IIT ROORKEE
		Big Data Analytics	3rd - 7th Feb 2020	05 Days	NITTTR, Chandigarh
5	Ms. Jyoti Thakur	Data Analytics Using Python	18 May 2020 to 22nd May 2020	05 Days	NITTTR, Chandigarh

Faculty's Corner

Sr. No.	Faculty Name	Name of FDP Attended	Date of FDP	No. of Days	Organized by
6	Mr. Krishna Bihari Dubey	Data Analytics using R	11.05.2020-15.05.2020	05 Days	NITTTR, Chandigarh
		Big Data Analytics	03.05.2020 to 07.05.2020	05 Days	NITTTR, Chandigarh
		Innovation in Teaching & Learning	27.04.2020 to 02.05.2020	05 Days	Jagadambha College of Engg & Tech, Yavatmal, Maharashtra
		Introduction To Machine Learning	5.6.2020 to 7.6.2020	03 Days	MITS, Madanapalle, AP
		Machine Learning	2.5.2020	01 Day	SANTHIRAM ENGINEERING COLLEGE, Nandyal
7	Mr. Govind Kr. Rahul	“Artificial Intelligence, Machine Learning & Cyber Security in Healthcare”	4-5 JULY 2020	02 Days	AMITY Institute of Information Technology, Amity University, Noida, UP
8	Mr. Upendra Kumar Tiwari	Bigdata Analytics	03.02.2020-07.02.2020	05 Days	NITTTR, Chandigarh
		Artificial Intelligence	24.04.2020-28.04.2020	05 Days	IIIT, Nagpur (ATAL Academy)
		Block Chain	27.05.2020-31.05.2020	05 Days	(ATAL Academy) MSME- Technology Development Centre (PPDC) Meerut.
		Short Term Course Data science and Big Data Analytics using Open Source	03rd Feb 2020 to 7th Feb 2020	11 Days	NITTTR, Chandigarh

Faculty's Corner

Sr. No.	Faculty Name	Name of FDP Attended	Date of FDP	No. of Days	Organized by
9	Ms. Jaya Shukla	Big Data Analytics	3rd - 7th Feb 2020	05 Days	NITTTR, Chandigarh
		Introduction To Machine Learning	5.6.2020 to 7.6.2020	03 Days	MIT, Madanapalle, AP
		Demistifying the Data	23-6-2020 to 27-6-2020	07 Days	LNJPIT Chapra
10	Ms. Aishwarya Gupta	Big Data Analytics	3rd - 7th Feb 2020	05 Days	NITTTR, Chandigarh
		Introduction To Machine Learning	5th to 7th June 2020	03 Days	MIT, Andhra Pradesh
		Transforming Education with Industry 4.0	15th to 20th June 2020	05 Days	JIIT Solan
		Application of Machine Learning and Deep learning	24th to 28th June 2020	05 Days	RKGIT, Ghaziabad

Faculty's Corner

Sr. No.	Faculty Name	Name of FDP Attended	Date of FDP	No. of Days	Organized by
12	Mr. Megh Singhal	Big Data Analytics	03/02/2020 to 07/02/2020	07 Days	NITTTR, Chandigarh
		Machine Learning	02-05-2020	01 Day	SANTHIRAM ENGINEERING COLLEGE, Nandyal
		Boss LINUX	13th May 2020	01 Day	VIT, Chennai
13	Mr. Raj Kumar	Innovation in Teaching & Learning"	27/04/2020 -- 02/05/2020	06 Days	Jagadamba College of Engineering & Technology, Yavatmal, Maharashtra, India
		Computer Intelligence in Digital Era	23/05/2020-- 26/05/2020	04 Days	PSG COLLEGE OF ARTS & SCIENCE, Coimbatore
		Python 3.4.3	01/06/2020 -- 05/06/2020	05 Days	Anantrao Pawar College of Engineering & Research, Pune
		RECENT ADVANCES IN COMPUTER SCIENCE AND ALLIED DOMAINS (RACSAD 2020)	08/06/2020 -- 12/06/2020	05 Days	Sharda University, Greater Noida
		NPTEL Online Certification on "Introduction to Internet of Things" with 92%	Jan-Apr 2020	12 Weeks	NPTEL

- More than 30 research papers have been published of faculties in our department in National and International Journals and Conferences.
- Department faculty members completed different courses from Coursera, NPTEL etc.

Alumni Meet (Reminiscence-2020)



Reminiscence 2020, The Alumni Meet was organized by the department of Computer Science and Engineering, ABESIT, Ghaziabad on 22 February'2020 Alumni shared their experiences and memories with their juniors and also shared experiences of their job profiles and told their juniors about different platforms taking place in the industries.

