



Delhi Technical Campus

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CSE INFORMATICA

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A newsletter of the
Department of Computer
Science and Engineering
at Delhi Technical
Campus, Greater Noida

Computer science is the operating system for all innovation- *Steve Ballmer*

IN THIS ISSUE

Session 2020-21

by Department of Computer Science & Engineering

The Department of Computer Science & Engineering is an excellent center of learning providing in-depth technical knowledge and opportunities for innovation and research with up-to-date computing facilities. The Department's mission is to advance, evolve and enhance computer science fundamentals to build the intellectual capital of researchers and students.

The Department of Computer Science & Engineering (CSE) will be graduating 63 students of B.Tech CSE and 18 students of BCA 2016-21 Batch. Department provided 100% placement guidance to its students resulting in the highest package of 15 Lacks. A 4 Days Orientation Program for B.Tech-CSE and BCA Session 2020-2021 from 10 Aug 2020-14 Aug 2020 was organized to introduce the student to motivate and make them understand the process of online classes, tutorial and assessment.

The Department has a lively and vibrant student body and many distinguished faculties with PhD/PhD pursuing. The Department also offers several attractive national/international exposures to students in terms of Industrial Internship, Minor Project and Major Project for UG Programs.

The Department is cherished and nurtured by various student clubs and committees along with research groups. These clubs offer students the chance to gain experience in their interest areas and network with their peers. Each research group holds regular meetings and hold seminars to discuss current research topics and results.

Alumni Prepare Next Generation of Leaders

In the growth of any nation, youth plays a vital part. Young generations are nurtured and imbibed with the perfect amalgamation of world-class teaching practices and Sanskars will be the one who owns an ability to lead masses, move forward on the path of success and leave their footprints for others to follow.

Today, CSE Department at DTC is known for producing graduates that are intelligent, innovative, and effective in their fields of career. The fact that our alumni are working in the best companies across the world is a matter of huge gratification for us. It is indeed a testament to our extremely talented faculty who inculcated the spirit of dedication, sincerity and loyalty in each and every Alumni of DTC.



Orientation 2020-21

4 Days Orientation Program of B.Tech-CSE & BCA for session 2020-2021 from 10 Aug 2020-14 Aug 2020

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Student Speak

Students are the best brand ambassadors. Some feedbacks from the best ambassadors

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Cultural Achievements

When students get successful in cultural activities, it gives a boost to their self-esteem. This self-esteem helps them to face the outer world more confidently.

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Collaborations, Departmental Research & Publications, Expert lecturers, Faculty Development Program

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Orientation 2020-21

by Department of Computer Science & Engineering along with Computer Application

“The function of education is to teach one to think intensively and to think critically. Intelligence plus character that is the goal of true education.”

– Dr. Martin Luther King Jr.



Some glimpse of the online Orientation program conducted from 10th August 2020 to 14th August 2020.

Department of Computer Science & Engineering has organized 4 Days Orientation Program of B.Tech CSE, and BCA for session 2020-2021 from 10th Aug 2020 to 14th Aug 2020.

Chief Guest of the session Mr. Ashok Puri is the Managing Director, India with Lean Horizons Consulting. Mr. Puri has been working since 1987 as the Director of Project Consulting (Process/Hydro Carbon Sector) at JCE Engineering and Management Services, Ltd, and as the Managing Director of JCE Management Services Pvt Ltd since 2001. Mr. Puri has spent 11 years as the Director and four years as the India Head of Kaizen Institute India. Objective of this online orientation program was to introduce the student to motivate and make them understand the process of online classes, tutorial and assessment. Following technical session was also conducted for CSE & BCA students.

Dr. Muhamad Hariz Muhamad Adnan, Professor, Universiti Pendidikan Sultan Idris (UPSI), Tanjung Malim, Perak, Malaysia delivered a lecture on the topic “How digital marketing & technologies can help us in covid19 pandemic” on 11th August 2020. He is a Certified Trainer of the Free Digital Business Class Entrepreneur Program 2020. He has more than 10 years of experience in IT. He is also a digital marketing trainer for micro entrepreneurs and founder of a digital marketing agency called AUTO SOFT. He is also serving as a Senior Lecturer at the Sultan

Idris University of Education (UPSI) in Malaysia. He has a Doctor of Philosophy (Ph.D.) degree in IT from Universiti Teknologi PETRONAS, a Master's Degree and a Bachelor of Computer Science from Universiti Sains Malaysia (USM).

Mr. Parth Shukla, Co-Founder and Subject Matter Expert at 9LedgePro – Microsoft took a session on “Introduction of Microsoft & 9 Ledgepro Programs” on 13th August 2020. He is MCA-Software Engineering and also into Python Application development Training and consulting. Detailed Profile: <https://www.linkedin.com/in/parth-shukla-09205239/>

Mr. Ashwani Kumar, CEO of BhuZion Innovations Lab, London and Bangalore, delivered a very informatic session discussing various SAP modules and its application on 14th August 2020. It was a technical Session on SAP Enterprise Solutions to gain Industry Experience. He is a senior IT professional with more than 36 years' experience in the IT field. Sir is Remote SAP CrossApp Consultant and a Certified instructor for S/4HANA Finance, HCM/Payroll and SuccessFactors EC. He worked in the US and UK for about 5 years before joining Mindtree as Vice President in Bangalore. He is very deep in technical details and Certified SAP Consultant in IoT, Finance, HR and Payroll. Recently, he was a Jury Member in Smart India Hackathon 2020 also.

HIGHLIGHTS OF THE EVENTS

The event was conducted online and it was live on Delhi Technical Campus Official Facebook and YouTube Channel.

Facebook: /delhitech.in
Instagram: /delhi_technical_campus
LinkedIn: /delhi-technical-campus-greater-noida

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STUDENT SPEAK @ CSE

by Department of Computer Science & Engineering

AQUABIN: An IoT Enabled Eco Friendly Trash



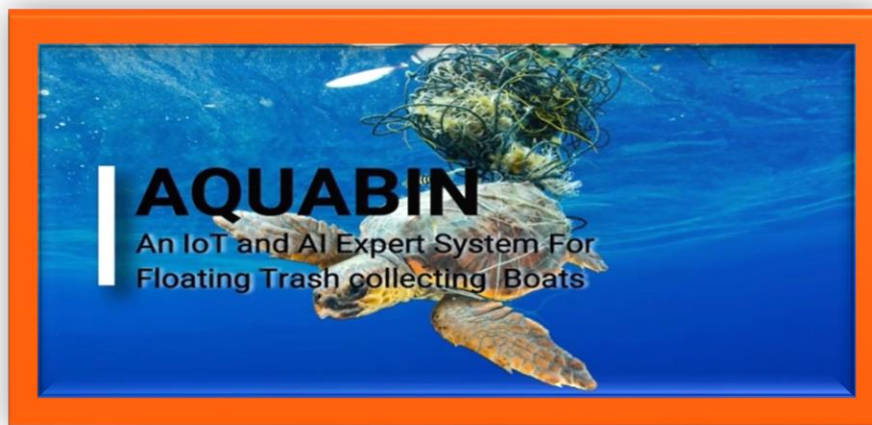
My four years of B.Tech at DTC were great and a memory to cherish for lifetime. Faculty members, students & management provide me with great exposure and support in all fields from academic topper to basketball champ, CESTA treasurer to fest host, tech mentor to hackathons, student to freelancer, internship to placement and finally to a better professional. As a tech

enthusiast I explore various technologies and develop many projects during engineering. But one project that is very close to my heart is

AQUABIN, which I completed during lockdown and submitted as a major project. AQUABIN is an AI Expert System enabled boat to Detect & Maneuver the floating trash over water bodies. As we know plastic trash has the greatest potential to harm the

environment, lives and economy but the existing solution to tackle this problem is manual and has life risk or very expensive. AQUABIN initiative is taken to provide cutting edge solutions using AI and IoT to tackle this problem. AQUABIN runs remotely via a game like Android App with live stream from boat and automatically using computer vision and self-motion planning with 3 different modes to adapt water bodies and provide monitoring reports. Solution is a part of Research & Development and research paper was accepted in ICCE conference. Project is open for angel investments and NGO's for collaboration. Visit workindulge.com for demo and contact. I am very thankful to college for supporting the cause & everything.

Inderdeep Singh
B.Tech - CSE (2016-2020)



Goodbye Note!!!

Thank you, Delhi Technical Campus, for shaping me into the academic that I am today, and for giving me the professors that truly cared about my success. Thank you for providing me with lifelong mentors who I know I could always go to at any point in my career. For instance, under the guidance of Mr Nitesh Singh Bhati, I was able to clear GATE with 98.7 percentile and get into IIT Jodhpur for MTech in computer science, and also get a research paper published in ETT, a sci indexed journal. I owe a huge thank you to him and this college



Garvit Chugh
B.Tech - CSE (2016-2020)

Python: My Bestie

I am Kumar Anurag. I passed out from Delhi Technical Campus. I want to express my gratitude to all the facilities of Delhi Technical Campus for making my career so

amazing. Also, due to their help I was able to publish my book which is able on Amazon.

Book Link:

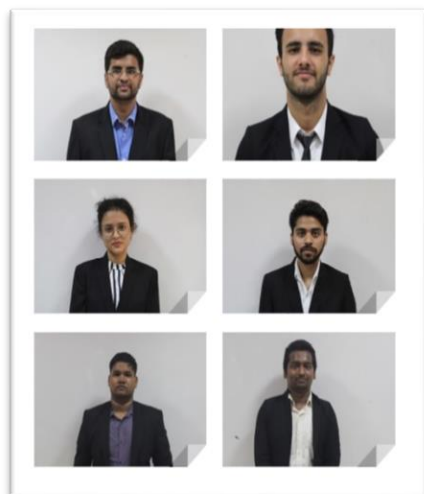
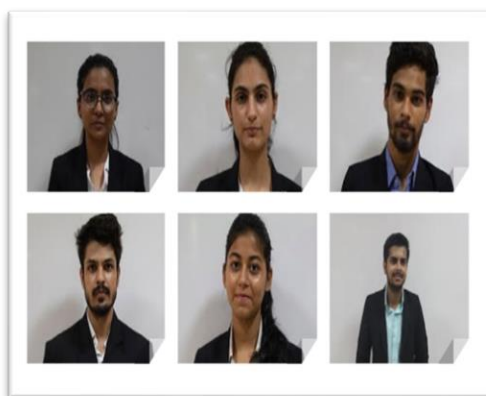
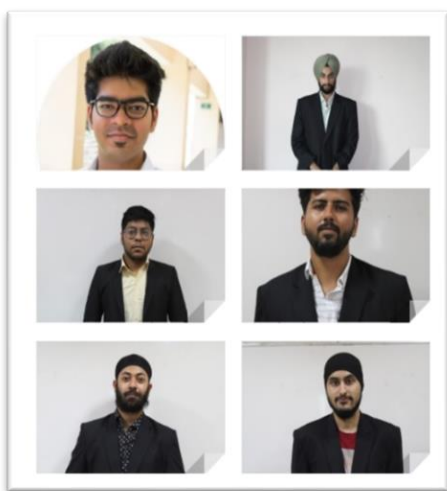
https://www.amazon.in/dp/B086BD1CN7/ref=cm_sw_em_r_mt_dp_U_jTEEbXM9WBCX

Kumar Anurag
B.Tech - CSE (2016-2020)



Placement 2020-21

by Department of Computer Science & Engineering



The department has talented students with both technical and soft skill sets. Their academic performance needs a special mention here. More than 30% final year students have a track record of 8.5 and above CGPA and remaining odd students with consistent academic performance.

Our students actively participate in hackathon, conferences, research activity and have brought many laurels to the department. They have also exhibited their



PLACEMENT HIGHLIGHTS

100% Placement Assistance
Highest Package of 15 Lakhs
Multiple students are having more than 2 Jobs

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leadership skills by organizing various technical and non-technical events on the campus.

In the recent on-campus and off-campus conducted by various companies, our students have performed exceptionally well. Our students participated in placement drives organized by big giants of Computer Science such as Infosys, HCL, Cognizant, TCS, Wipro, Deloitte and many more. Approx. 70% of our students have already started working with these big brands.

Placement training (technical, aptitude, logical reasoning, soft skills and GD etc.) is given to students, and our institution is autonomous, we have the leverage to offer placement-oriented courses in addition to academics. We offer weekly Soft Skill training course starting from the third year to final year.

Some of the latest placements highlights of CSE Department are :

Name of student	Name of Company
Aashna Prashar	Wipro
	Infosys
Ahishek Pathak	NCR Corporation
	TCS
Akriti Kumari	HCL
Anchal Gupta	Mirketa
Ansh Gupta	Infosys
Asmita	UCertify
Atul Diwedi	NCR Corporation
	TCS
Avesh Mishra	TCS
Avinash Kumar	TCS

Name of student	Name of Company
Johny Josh	Lido
Karan Singh	Infoaxon
	HCL
Kumar Anurag	Prolifics
	TCS
	Thomson Press
Mudit Sharma	Wipro
Nikita Sharma	Toppr Technologies
Nikki Sharma	ThinkSys
	Infosys
Rajat Kumar	HCL
Sadhna Shukla	Infosys

Name of student	Name of Company
Bharat Bhalla	TekSystem
Dhaval Shrivastav	Deloitte
	TekSystem
	TCS
Divyansh Kathait	P S Quick Solutions
Fahad Mehfooz	TCS
Garvit Chugh	Wipro
Inderdeep	Mirketa
	TCS
Jasmine Sethi	Infosys
	Crowe Howarth

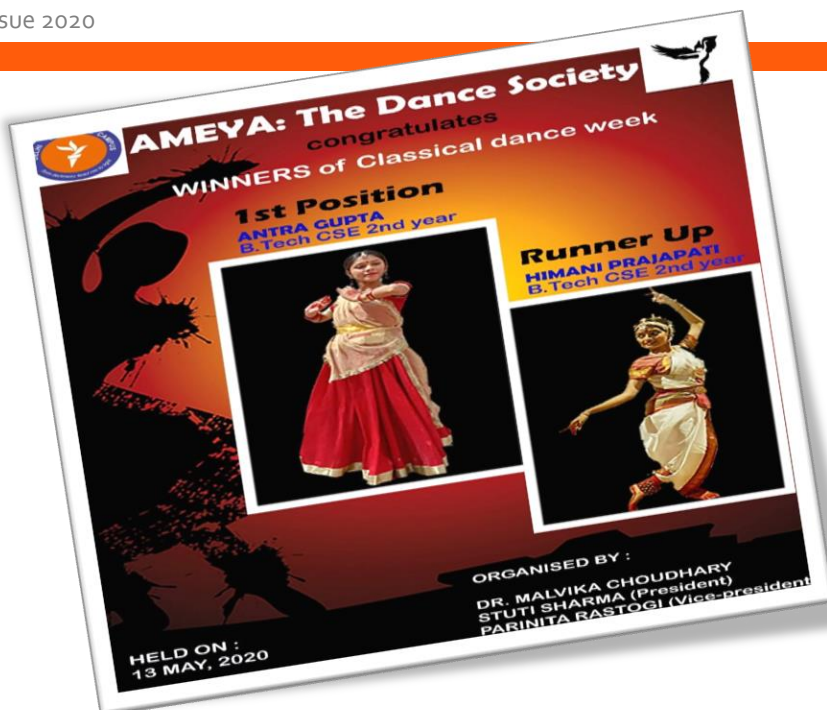
Name of student	Name of Company
Sakshi Jha	Infosys
Sanskar Mittal	Wipro
Shreya Saini	Infosys
Simer Preet Singh	Infosys
	Koyo
Sonali Sinha	UCertify
	Infosys
Sudhanshu	Hexaview
Tanujdeep Singh	TCS
Vedant Mehta	Infosys
Vidit Khemka	Mirketa
Yashi Shankhdar	Extramarks

PLACEMENT HIGHLIGHTS

This year, leading organizations visited our campus, hired the most skilled students and offered them high salary packages (highest of 15 Lacs). Mentioned above are a few of our students who were recruited by esteemed companies across functional domains.

Education cannot happen just at institute—it must go beyond the walls of the classroom. Watching a play performed live is quite a different experience than reading a play from a book. Through attendance at events, CSE students broaden their horizons and gain unique insights into their own communities as well as a broader global perspective of our world's diverse cultures.

By attending cultural events, a CSE student experiences firsthand the diverse offerings of culture and artistic expression found in a community.



Culture is the arts elevated to a set of beliefs.

—Thomas Wolfe

CULTURAL EVENTS @ CSE

by Department of Computer Science & Engineering

CONCHORD: Music Society

Congratulations

WINNERS of Indian Song week

(Held on: 14th to 20th May 2020)

Runner Up

Ankit Kapoor
B.Tech. CSE-2nd year



CONCHORD: Music Society

Conchord is an official musical society of Delhi Technical Campus to promote young voices at campus. Conchord celebrated Indian Song week from 14th to 20th May 2020. Mr. Ankit Kapoor Student of B.Tech CSE IInd Year grabbed runner up position.

OFFICIAL CULTURAL SOCIETIES

AMEYA (Dance Club)
ARTISTIA (Fine Arts Club)
CONCHORD (Music Club)
LEAF (Leaders Environmental Action for Future)
TASVEER (Photography & Film Club)
AWAAZ (Publication Club)
AVANSH (Dramatic Society)

AMEYA: The Dance Society

Ameya is an official dance society of Delhi Technical Campus to promote young dancers at campus. Ameya organized classical dance week from 13th May 2020. Ms. Antra Gupta B.Tech CSE IInd Year secured 1st position and Ms. Himani Prajapati of B.Tech CSE IInd Year grabbed 2nd position.

FOR MORE INFORMATION

Kindly refer to the DTC official Facebook page:

Delhi Technical Campus «DTC»

@delhitech.in

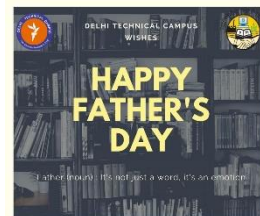


AWAAZ: Publication Society

Awaaz is an official publication club of Delhi Technical Campus to promote young & creative writers at campus. Awaaz organized a creative writing competition on 6th May 2020. Ms. Vashnavi of B.Tech CSE Ist Year secured 1st position and Ms. Yuganshika of B.Tech CSE Ist Year grabbed 3rd position.

AWAAZ: Publication Society

Father's Day is celebrated worldwide to recognize the contribution that fathers and father figures make to the lives of their children. This day celebrates fatherhood and male parenting. Although it is celebrated on a variety of dates worldwide, many countries observe this day on the third Sunday in June. CSE department celebrated Father's Day. Students made posters to celebrate the day and wish their Fathers by officially posting it on DTC official social media page.



Technical events are an amalgamation of fun and learning where spectacular ideas are displayed, and students feel inspired and motivated with new thoughts. Keeping this point in mind CSE department organized and motivated its students to attend in-house and external technical events. A brief report on the technical events organized by the department is presented here.



Concern for man and his fate must always form the chief interest of all technical endeavors. Never forget this in the midst of your diagrams and equations.

Albert Einstein

TECHNICAL EVENTS @ CSE

by Department of Computer Science & Engineering



Webinar on Artificial Intelligence in association with CETPA

Computer Science Department of Delhi Technical Campus, Greater Noida in collaboration with CETPA proudly conducted a webinar for the students of B. Tech (CSE, ECE, EEE, CVE) and BCA towards the most trending technology "Artificial Intelligence" 8th May 2020. The expert named Mr. Rahul Pathak working as Machine Learning Consultant in CETPA took the session. The session mainly covered various concepts and applications of Artificial Intelligence and its implementation using Python programming. The students were presented with the live examples of Artificial Intelligence with its implementation. The webinar was full of hands-on sessions along with conceptual knowledge about the contents. The students learned a lot with the session-certificates were issued to all the participants.

OFFICIAL TECHNICAL CLUB



Computer Engineering Students Technical Association (CESTA)

FDP on Blockchain Technology

Department of Computer Science & Engineering, Delhi Technical Campus, Gr. Noida is organizing a 3 days Online Faculty Development Program on Blockchain Technology, from 5th June to 7th June 2020. The FDP aims to provide opportunities to faculty members, research scholars and post graduate students to enrich their teaching skill and research in the field of Blockchain Technology. The Blockchain research shall learn the concepts of areas like smart contract, auditing, testing in Blockchain along with cryptography as the digital labor for the Integration of Distributed Finance. Eminent Speakers of the FDP was Mr. Abhishek Bhattacharya is a Co-founder at Whrrl and an ex-Product Owner for Policybazaar.com's service product. A 3x Entrepreneur, a 2x Author, an Educator, and a regular Speaker, he has been in Blockchain for about 3 years, commercially, and academically prior to that. He has been an Advisor to several startups such as eSports.com (who raised 5.8 Million EUR in their ICO), Vayla, Blockchain Advisory Council, NafCoin et. al. His second book (Secure Chains: Cybersecurity and Blockchain-powered Automation) has been published by BPB Publications - Asia's Largest Publisher of IT Books. Lastly, he was nominated for the "Top 50 Tech Leaders" award by InterCon Dubai. He had been invited as a Speaker at one of Europe's biggest Blockchain conferences - Decentralized 2019 in Athens, Greece; as a Speaker at The Blockchain World Forum in Shenzhen, China; and as a Panelist/Speaker with a nomination for Best Crypto Educator in GURUS Awards by Next Block Asia 2.0 in Bangkok, Thailand last year.



Mr. Abhishek Bhattacharya
Co-founder, Whrrl
3x Entrepreneur, 2x Author, Educator
Author of Secure Chains
Advisor for Certified Blockchain Professional Course
[in /in/abhib3012](https://in.linkedin.com/in/abhib3012)

Hands-on Training on Machine Learning using Python

The Department of Computer Science and Engineering have successfully conducted 3-days hands-on training workshop on Machine Learning using Python from 18-05-2020 to 20-05-2020. Speaker Mr. Vinay Pratap Singh is a Researcher Scholar and Machine Learning Trainer from a reputed Indian University.

Workshop On Placement Preparation by GeeksforGeeks

SAP-HANA S4 ONLINE WEEKLY

Mr. Asheani, CEO of BhuZion Innovations Lab, London and Bangalore.





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Speaker :
Mr. Palvinder Singh
CEO & Founder,
Secuneus Technologies

Date: 25th Sept.
Time: 12:00 PM

Department of Computer Science & Engineering Organised a Webinar on
Digital Threats & Cyber Security

www.delhitechnicalcampus.ac.in

Expert Lecture on Sentiment Analysis by Dr. Md. Shahid Hussain, University of Technology and Applied Sciences, Oman

Department of Computer Science & Engineering, Delhi Technical Campus, Gr. Noida organized an expert lecture for CSE & BCA students on Sept 2, 2020. Dr. Shahid is associated with College of Applied Sciences, Ministry of Higher Education, Oman. He is expert in Artificial Intelligence and Machine Learning. Various applications of sentimental analysis were discussed.



Dr. MOHD SHAHID HUSAIN · 2nd
Assistant Professor at Ministry of Higher Education, Oman
Al Dhahirah, Oman ·

Expert Lecture on Digital Threat and Cyber Security by Mr. Palvinder Singh

Department of Computer Science & Engineering, Delhi Technical Campus, Gr. Noida organized an expert lecture for CSE & BCA students on Sept 25, 2020. Mr. Palvinder Singh is an expert of cyber security and CEO and Founder, Secuneus Technologies.



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WEBINAR ON
THOUGHT POWER & ITS USES
A motivational session for Students

Motivational Speaker
Mr. Uma Shankar Pandey
International Speaker of Theosophical Society
President, U.P. & Uttarakhand Federation of
Theosophical Society.
Former Additional Director General RDSO
Ministry of Railways

Date:
30-June-2020

Technical Coordinator
Dr. Divya Mishra

Time: 10:30 AM-11:30AM

Join Us on ZOOM
<https://delhitechnicalcampus.zoom.us/j/91234567890>

www.delhitechnicalcampus.ac.in

Webinar on Thought Power & Its Uses

Department of Computer Science & Engineering, Delhi Technical Campus, Gr. Noida organized a webinar for CSE & BCA students on 30th June 2020. Mr. U. S. Pandey delivered the session to explain students about thoughts and its power to deal with the depressing & negative energy during this COVID pandemic. Mr. Pandey is a graduate in engineering from University of Roorkee (now IITR). He joined Indian Railway Service of Engineers and retired from the position of Additional Director General. He is a Life member of Theosophical Society, its International Speaker and also President of U. P. and Uttarakhand Federation of this society. Theosophical Society is a worldwide organization founded in year 1875 and works for spiritual and social reforms. First object of the society is "To form a nucleus of Universal Brotherhood without distinction of race, caste, color, creed and sex". He delivers talks on theosophical themes in various forums within and outside country. He has been a member of Board of Transparency International India. He is associated with some other social activities also.

TECHNICAL COLLABORATION @ CSE

by Department of Computer Science & Engineering

Collaboration technology has quickly become a necessity for businesses in every industry. The ability to streamline communication and collaboration efforts between in-house and remote teams provides companies with multiple benefits that equate to greater success. Collaboration technology enables teams to work together in real-time—despite their locations—to solve problems and perform vital tasks. Keeping this in mind Department of Computer Science & Engineering collaborated with **MICROSOFT CERTIFICATION, CISCO NETWORK ACADEMY &**



SAP to fill the industry academia gap and provide industrial exposure to its students.

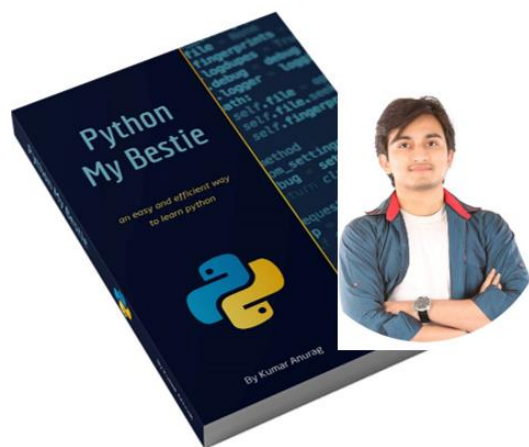


ACHIEVEMENTS @ CSE

by Department of Computer Science & Engineering

Achievements are the building blocks that enable someone to construct a sense of themselves as a success. The achievements that matter most combine to form a version of success that has meaning and substance for the individual. Achievements also provide tangible evidence that colleagues, competitors and the wider world use to judge a person as more or less successful. Keeping this point in minds CSE department always motivates and encourages its faculties to set new goals and put maximum efforts to achieve them. Some of the achievement of 2020 are stated here:

1. **Mr. Nitesh Singh Bhati** awarded best paper at EAI FoNeS-IoT 2020 - EAI International Conference on Forthcoming Networks and Sustainability in the IoT Era on 1st & 2nd October 2020 in Turkey.



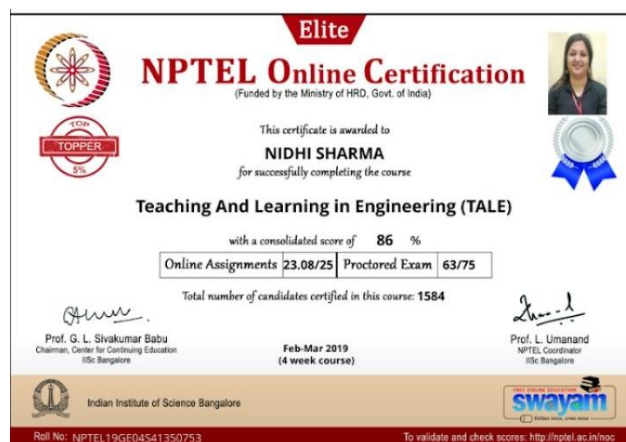
2. **Ms. Megha Kumar** cleared the Ph.D entrance exam from a reputed university and enrolled herself for the program 2020.
3. **Mr. Kumar Anurag** student of CSE 2016-20 batch published a book on "Python- My Bestie".
4. **Ms. Nidhi Sharma** is recognized as a Silver Topper in NPTEL TALE online certification program.
5. **Dr. Pushpa Singh** was invited to serve as a session chair "Impact of AI & IoT in Healthcare Industry" in ICCE-2020.
6. **Ms. Gunjan Sethi** is a proficient Oracle Certified Associate (OCA).
7. **Dr. Divya Mishra** article on "Effect of COVID-19 on University and Their Solutions to Fight Back" was published in a leading E-Magazine The EdgeMedia, April 2020 edition.
8. **Dr. Divya Mishra** article on "Covid-19 Outbreak: Tips for students to utilize their time effectively during Coronavirus lockdown", was published in a leading E-Magazine The EdgeMedia, May 2020 edition.



SMART INDIA HACKTHON 2019 II POSITION

- | | |
|------------------------|------------------|
| 1. Shashank Srivastava | 2. Anchal Gupta |
| 3. Himani Gulati | 4. Killari Teja |
| 5. Prashant Singh | 6. Avinash Kumar |

SMART INDIA HACKTHON 2020 II POSITION



ICCE-2020

SS 1.5: IMPACT OF AI, IOT AND BLOCKCHAIN IN HEALTHCARE INDUSTRY

Dr. Pushpa
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PUBLICATIONS @ CSE

by Department of Computer Science & Engineering

CSE Department believes the contribution of faculty and students must focus on the sustainable solutions to problems of the modern world. Research at DTC will be nurtured in form of student's project, where faculty (supervisor) and students (Session 2016-2020) jointly published their following research publication:

Faculty Name	Student Name	Title	Name of the Conference/ Journal	Status of Publication	Date of Publication /Conference
Dr. Divya Mishra	Jasmine Sethi Shashank Srivastava	A Review on P2P File System based on IPFS for Concurrency Control in Hadoop	IEMIS 2020 (International Conference on Emerging Technologies in Data Mining and Information Security)	Published	July 2-3, 2020
Mr. Nitesh Singh Bhati	Garvit Chugh	An improved ensemble-based intrusion detection technique using XGBoost	Transactions on Emerging Telecommunications Technologies - SPECIAL ISSUE ARTICLE	Published	07 August 2020
Nidhi Sharma	Fahad Mehfooz Sakshi Jha Sahil Singh Shreya Saini	Medical Chatbot for Novel COVID-19	5th ICT4SD 2020 (Proceedings by Springer)	Accepted	October 2020
Upasna Joshi	Karan Singh Md. Sabir	IOT: Opportunities and application in pharmaceutical manufacturing	IJRTE (Scopus)	Submitted	Sept,2020
Dr. Pushpa	Inderdeep Singh	Aquabin: An expert system to detect and maneuver the floating trash	4th International Conference on Recent Trends in Communication & Electronics (ICCE-2020)	Accepted	28-29 Nov.
Megha Kumar	Dipanshu, Prashant	Development of Autonomous Drones for Adaptive Obstacle Avoidance in Real World Environments	IJSRP	Submitted	Nov 20
Megha Kumar	Avesh Mishra Vikrant Kumar Jaffar Jawed	Automated Image Captioning Based on Deep Neural Networks	IJRASET	Submitted	Nov 20
Gunjan Sethi	Sadhna Shukla Sagar Saini	Abhinav Prayaas: Innovation in Web Application	IJRASET	Submitted	Nov 20
Medhavi Pandey	Kumar Anurag, Avinash Kumar Yahiya Khan Shivam Bharti	Smart Checkout System Edge Computing	International Journal of Advanced Research and Innovation	Submitted	Nov 2020
Vivek Krishna Misra	Sanskar Mittal Divyansh Kathait Shyamendra Bhadauria Shivank	Tourism Through Voice Using Alexa Skill	IJSER International Journal of Science Engineering and Research	Accepted	

FACULTY PUBLICATIONS @ CSE

by Department of Computer Science & Engineering

PATENT

Nitesh Singh Bhati, et al, "Real Time De-hazing Device and A Method Thereof", Application No.: 20201102506, Date of Filing: Jul 7, 2020, Publication Date Aug 21, 2020. [Published][**PATENT**]

D. Upadhyay, A. K. Dubey, Maximum Probable Clock Offset Estimation (MPCOE) to Reduce Time Synchronization Problems in Wireless Sensor Networks. *Wireless Pers Commun* 114, 1177–1190 (2020).

Singh, Pushpa, and Rajeev Agrawal, (2020). An Overloading State Computation and Load Sharing Mechanism in Fog Computing. *JITR*-14(3).

Singh, N., **Singh, Pushpa.**, Singh, K. K., & Singh, A. (2020). Machine learning based classification and segmentation techniques for CRM: a customer analytics. *International Journal of Business Forecasting and Marketing Intelligence*, 6(2), 99-117.

Singh, P. & Singh N. (2020). Blockchain with IoT & AI: A Review of Agriculture and Healthcare, *IJAEC*, 11(4), Article 2

Singh P., & Singh, N., (2020). Role of data mining techniques in bioinformatics. *International Journal of Applied Research in Bioinformatics (IJARB)*, 11(6).

Nitesh Singh Bhati and Manju Khari "An Optimized Intrusion Detection Scheme using Ensemble based Voting Method" *Journal of Intelligent & Fuzzy Systems*. [Accepted] .[SCIE]

N. Bhati, Bhoopesh Singh, et al. "An improved ensemble based intrusion detection technique using XGBoost." *Transactions on Emerging Telecommunications Technologies* (2020): e4076.[SCIE, IF:1.85]

Kuldeep, **Singh, Pushpa**, "The IoT based Digital Postal Services" accepted for publication in 4th International Conference on Recent Trends in Communication & Electronics (ICCE-2020)

A. S. Mattoo, **D. Upadhyay**, A. K. Dubey and M. K. Shukla, "An approach to analyse and protect data on Untrusted Cloud Network," 2020 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence), Noida, India, 2020, pp. 139-144

D. Upadhyay, A. K. Dubey and M. K. Shukla, "Group Key Management in Cloud for Shared Media Sanitization," 2020 2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC), Noida, 2020

Nitesh Singh Bhati and Manju Khari. "A Survey on Hybrid Intrusion Detection Techniques" *International Conference on Research in Intelligent and Computing in Engineering (RICE-2020)*, Springer, TDMU, Vietnam.

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