

insightIT

Department of Information Technology

Bi-Annual Magazine

July-Dec., 2020
Volume 6, Issue I



Estd. 2000

ABES
Engineering College

Message from Director

I am glad to offer my comments for the release of Volume 6 Issue 1 of "InsightIT". The magazine is the reflection of the current events and activities of the IT department. It is also a platform to show case the holistic attributes of the students and faculty members of the department. This encourages the students to display their hidden talent and to bring forth their creativity and artistic turn of mind. I offer my congratulations to the department of Information Technology for all achievements and success in the form of academic laurels and publications. I am sure this will bring glory to the department and college also. Best wishes to entire team and head of the department for all the achievements mentioned in the issue of Insight.



Prof. Shailesh Tiwari

Message from HOD-IT



Dr. Amit Sinha

It gives me immense pleasure to announce that the department of Information Technology is bringing out its next edition of magazine Insight IT. Our goal is to change the world through education. It may sound idealistic but this is precisely our long-term goal. It also inspires our teaching and research.

I appreciate the effort of all the members of Team-IT and students for their significant contribution to the department. The current issue also brings our focus that we can achieve even in the pandemic COVID-19. I thank management ABESEC, Director, Dean, editor of the issue for their cooperation and guidance.

Best Wishes!

Message from Editor in Chief

Dear Readers,

Greetings! being the editor, I feel privileged to work on the current issue of our departmental magazine Insight IT. It gives me great pleasure to bring this issue. This magazine is the showcase of talents of our faculty members and students. The current issue of Insight IT includes the last six months' achievements and the activities, projects, publications and technical events. We welcome all valuable suggestions for continuous improvement of upcoming issues.



Mr. Manish Kumar Sharma

Vision

The Department of Information Technology endeavors to be recognized globally for outstanding education and research leading to well qualified engineers, who are innovative, entrepreneurial and successful in advanced fields of IT to cater the ever changing industrial demands and social needs.

Mission

To create a healthy environment for the development of innovative professional and researchers to fulfill its commitment to research and education of the highest quality with industry requirement and social acceptance at large.

Program Educational Objectives (PEOs)

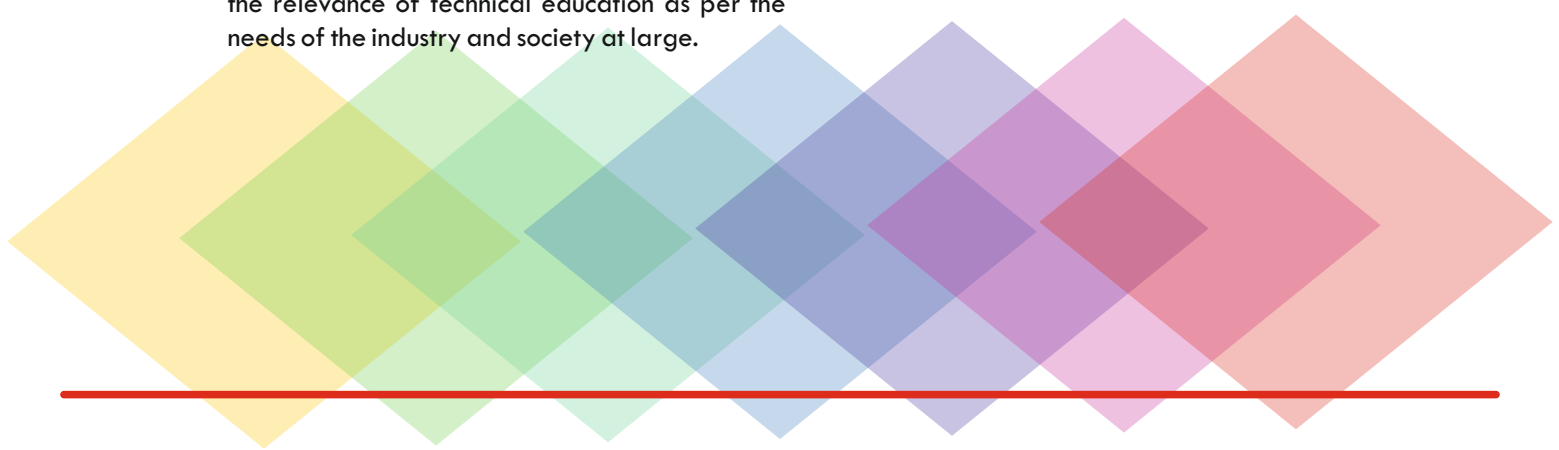
The Detailed Program Educational Objectives (PEOs) are as follows:-

- PEO-1** To impart exhaustive knowledge to the students in all the sub-domains of Information Technology and the fast evolving IT tools to:
 - a) Take up key assignments in IT and associated Industries
 - b) Undertake and excel in higher studies and research and development in IT Related fields and management.
- PEO-2** To impart solid foundation in computational intelligence, science and interdisciplinary courses.
- PEO-3** To design and develop novel products and innovative solutions for real life problems in Information Technology field and related domains.
- PEO-4** To inculcate a conviction in the students to believe in self, impart professional and ethical attitude, nurture to be an effective team member, infuse leadership qualities, build proficiency in soft skills and the abilities to relate engineering with the social issues.
- PEO-5** To provide a conducive and disciplined academic environment, quality of teaching with innovative and modern methods of pedagogy establishing the relevance of technical education as per the needs of the industry and society at large.

Program Outcomes (POs)

The detailed Program Outcomes (POs) are as follows-

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.



- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environment.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO-1: An ability to specify, analyze & design a usable computing system that efficiently utilizes system software and hardware to cover current user requirement in a socially and economically acceptable form.

PSO-2: An ability to state, design and implement a secure and reliable information communication system by using concepts of computer networks, network security, information theory and parallel algorithm.

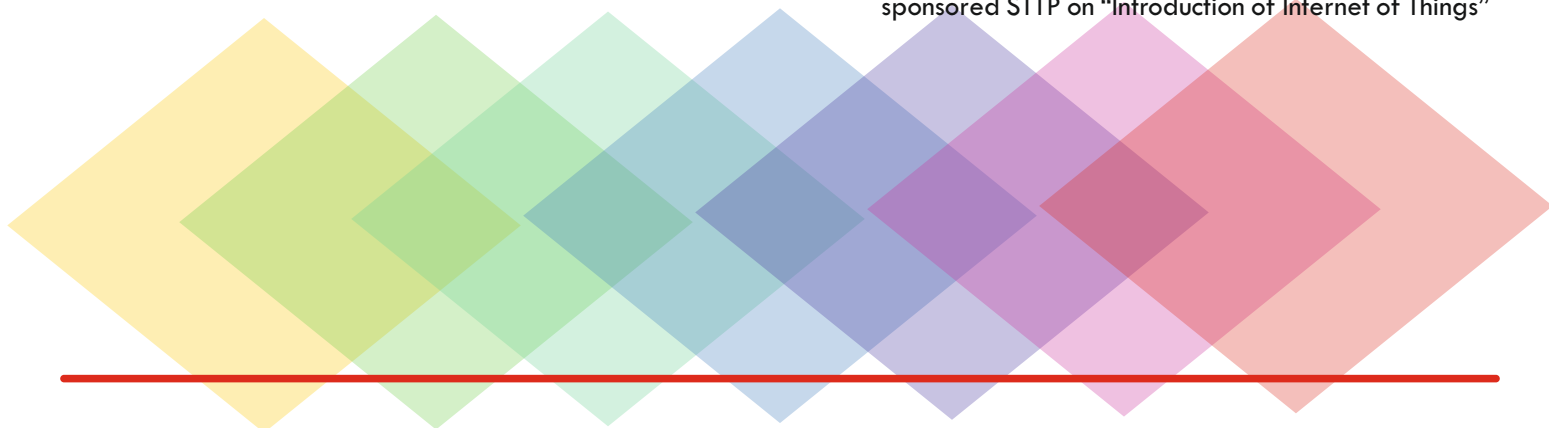
PSO-3: An ability to state, design and implement knowledge based discovery and machine based learning in computer system by using the various concepts of soft computing, neural networks, image processing, digital system design and artificial intelligence.

PSO-4: An ability to analyze and design an efficient information management system which uses the concepts & tools of databases, data mining and information coding and deliver technological solutions for the end users.

Faculty Corner

FDP /Workshop/Training Attended/Conducted

- **Dr. Amit Sinha:** Attended five days Atal Online FDP on "Artificial Intelligence" organized by Motilal Nehru National Institute of Technology Allahabad from 1st-5th October, 2020.
- **Dr. Amit Sinha:** Attended one week Online FDP on "National IP Literary week" under Kalam Program for IP Literacy and Awareness from 15th-23rd October, 2020.
- **Dr. Anish Gupta:** Attended five days Atal Online FDP on "Artificial Intelligence" organized by ABES Engineering College Ghaziabad Uttar Pradesh from 14th-18th December, 2020.
- **Dr. Harikesh Singh:** Attended five days Atal Online FDP on "Internet of Things" organized by IIT BHU from 21st-25th September, 2020
- **Dr. Harikesh Singh:** Attended five days AICTE sponsored Online STTP on "Blockchain Applications" organized by Saintgits College of Engineering, Kottayam, Kerala from 5th-10th October, 2020.
- **Dr. Harikesh Singh:** Attended five days AICTE sponsored Online FDP on "Data Science Analytics using Visualization Tools" organized by Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh from 2nd-7th November, 2020.
- **Dr. Harikesh Singh:** Attended three days TURNIP Certificate program on Cloud Computing Essentials from 30th July - 1st August, 2020.
- **Dr. Parashu Ram Pal:** Attended five days ATAL Online FDP on "Blockchain" organized by LNCT Bhopal, from 15th-19th September, 2020.
- **Dr. Parashu Ram Pal:** Attended five days ATAL Online FDP on "Data Science" organized by IIIT Vadodara, AICTE Training and Learning Academy from 14th-18th December, 2020.
- **Dr. Kanika Gupta:** Attended five days ATAL Online FDP on "Blended Learning and Flipped Classroom" organized by JIS College of Engineering from 24th-28th August, 2020.
- **Dr. Kanika Gupta:** Attended five days ATAL Online FDP on "Blended Learning and Flipped Classroom" organized by NITTTR Chandigarh from 7th-11th September, 2020.
- **Dr. Kanika Gupta:** Attended five days AICTE sponsored STTP on "Introduction of Internet of Things"



- organized by NIET, Greater Noida from 5th-10th October, 2020.
- **Dr. Kanika Gupta:** Attended five days Online FDP on “Emerging Trends in IT and its applications” organized by AKGEC, Ghaziabad from 16th-20th December, 2020.
 - **Ms. Nandita Goyal:** Attended five days Online FDP on “Emerging Trends in IT and its applications” organized by AKGEC, Ghaziabad from 16th-20th December, 2020.
 - **Dr. Kanika Gupta:** Attended five days Online FDP on “Internet of things and Data Analytics” organized by JSS, Noida from 2nd-8th December, 2020.
 - **Mr. Ashwin Perti:** Attended five days ATAL Online FDP on “Data Science” organized by IIIT Vadodara, AICTE Training and Learning Academy from 14th-18th December, 2020.
 - **Mr. Ashwin Perti:** Attended five days Online FDP on “Flutter UI Design” organized by ICT Academy from 21st-26th December, 2020.
 - **Mr. Ashwin Perti:** Attended five days ATAL Online FDP on “Big Data Analytics with Deep Learning” organized by from 18th- 22nd December, 2020.
 - **Mr. Ashwin Perti:** Attended five days Online FDP on “Recent Trends in Computer Science & IT” organized by Raj Kumar Goel Institute of Technology, Ghaziabad from 13th-17th July, 2020.
 - **Ms. Nandita Goyal:** Attended five days ATAL Online FDP on “Cloud Technology” organized by Government Engineering College Gandhinagar Gujarat from 02nd - 06th Nov 2020.
 - **Ms. Nandita Goyal:** Attended five days ATAL Online FDP on “Internet of Things” organized by Government College of Engineering and Research Awasari. from 5th-10th October 2020.
 - **Ms. Nandita Goyal:** Attended five day's ATAL FDP on “Internet of things and Data Analytics” organized by JSSATE, Noida from 02nd - 08th Dec 2020.
 - **Ms. Deepali Dev:** Attended five days ATAL Online FDP on “Data Sciences” organized by School of Information Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya from 7th-11th September, 2020.
 - **Ms. Deepali Dev:** Attended five days ATAL Online FDP on “Blockchain” organized by Faculty of Engineering & Technology, Gurukul Kangri Vishwavidyalaya from 14th-18th December, 2020.
 - **Ms. Deepali Dev:** Attended five days Online FDP on “Social Networks Analysis using Open Source Tools” organized by NITTR, Chandigarh from 27th-31st July, 2020.
 - **Ms. Deepali Dev:** Attended five days STTP on Data Science with PYTHON organized by Ajay Kumar Garg Engineering College, Ghaziabad from 7th-12th December, 2020.
 - **Mr. Ritin Behl:** Attended five days ATAL Online FDP on “Internet of Things” organized by Dr. Mahalingam college of Engineering & Technology from 14th-18th September, 2020.

**ATAL FDP Certificates:
July-Dec 2020**

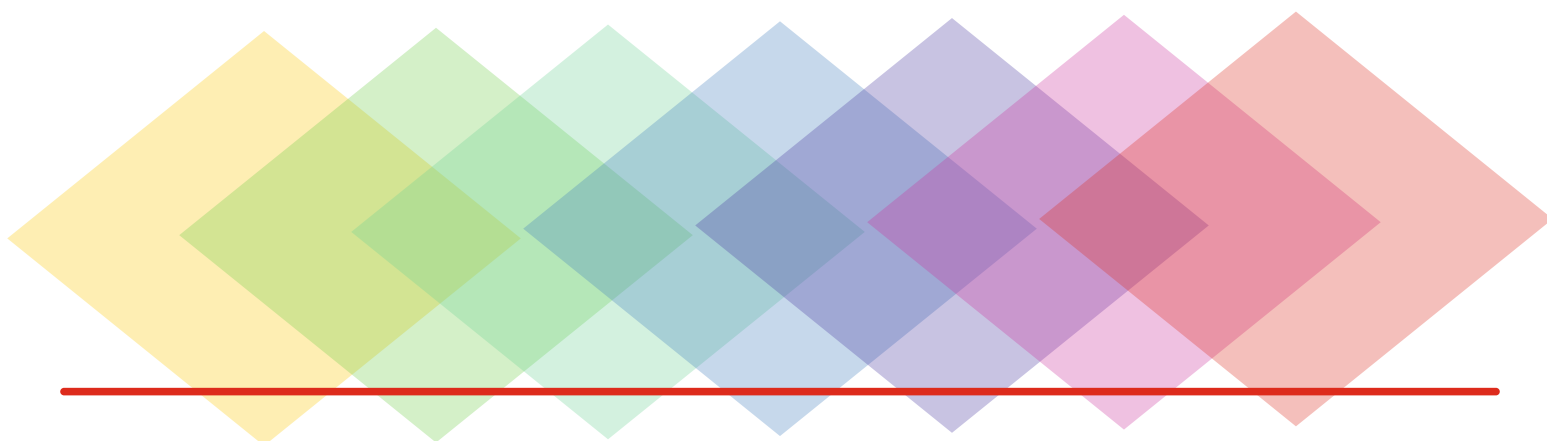


- **Ms. Shelley Gupta:** Attended five days ATAL Online FDP on “Robotics” Organized by Motilal Nehru National Institute of Technology, Allahabad from 2nd-6th November, 2020.
- **Ms. Shelley Gupta:** Attended five days Online FDP on “Recent Trends in Computer Science & IT” organized by Raj Kumar Goel Institute of Technology, Ghaziabad from 13th-17th July, 2020.
- **Mr. Prashant Tomar:** Attended five day's ATAL FDP on “Internet of Things” organized by Rajkiya Engineering College Sonbhadra from 5th-9th October, 2020.
- **Mr. Aatif Jamshed:** Attended five days Online FDP & Spoken Tutorial on Python Programming organized by R. D. Engineering College, Ghaziabad and sponsored by IIT Bombay from 29th June-3rd July, 2020.
- **Mr. Ashwin Perti:** Attended five days Online FDP & Spoken Tutorial on Python Programming organized by R. D. Engineering College, Ghaziabad and sponsored by IIT Bombay from 29th June- 3rd July, 2020.
- **Ms. Asmita Dixit:** Attended five days Online FDP & Spoken Tutorial on Python Programming organized by R. D. Engineering College, Ghaziabad and sponsored by IIT Bombay from 29th June-3rd July, 2020.
- **Ms. Nandita Goyal:** Attended five days Online FDP & Spoken Tutorial on Python Programming organized by R. D. Engineering College, Ghaziabad and sponsored by IIT Bombay from 29th June-3rd July, 2020.
- **Ms. Asmita Dixit:** Attended three days FDP on “Recent Trends in Technology and Teaching Learning Methodology” organized by SAGE University, Indore from 9th - 11th July, 2020.
- **Ms. Asmita Dixit:** Attended five days ATAL Online FDP on “Internet of Things” organized by IIT BHU from 21st-25th September, 2020.
- **Ms. Asmita Dixit:** Attended five days ATAL Online FDP on “Cyber Security and Forensics” organized by Gautam Buddha University, Gautam Buddha Nagar from 3rd-7th October, 2020.
- **Mr. Aatif Jamshed:** Attended six days Online FDP on “Artificial Intelligence using Python” organized by Government College of Engineering and Ceramic Technology, Kolkata, West Bengal from 14th-19th September, 2020.
- **Mr. Aatif Jamshed:** Attended six days Online FDP on “Emerging Trends in Information Technology” organized by Institute of Information Technology & Management, Janakpuri, New Delhi from 20th-25th July, 2020.
- **Mr. Aatif Jamshed:** Attended seven days Online STTP on “Data Science, IT” organized by Noida Institute of Engineering and Technology, Greater Noida from 4th-10th August 2020.
- **Mr. Aatif Jamshed:** Attended six days Online STTP on “Data Science” organized by Noida Institute of Engineering and Technology, Greater Noida from 24th-29th August, 2020.
- **Mr. Aatif Jamshed:** Attended five days Online FDP on “Learning Practical Research Skills and Techniques” organized by Galgotias University, Greater Noida from 10th-14th August, 2020.
- **Mr. Aatif Jamshed:** Attended five days ATAL Online FDP on “Artificial Intelligence” organized by Rajkiya Engineering College, Sonbhadra from 21st-25th September, 2020.
- **Ms. Shweta Kaushik:** Attended five days ATAL Online FDP on “Blockchain” organized by JNTUA College of Engineering from 8th-12th September, 2020.
- **Ms. Shweta Kaushik:** Attended five days ATAL Online FDP on “Internet of Things” organized by Mahalingam college of Engineering & Technology from 14th-18th September, 2020.
- **Ms. Shweta Kaushik:** Attended five days Online FDP on “Recent Trends in Computer Science & IT” organized by Raj Kumar Goel Institute of Technology, Ghaziabad from 13th-17th July, 2020.
- **Ms. Shweta Kaushik:** Attended five days FDP on “Java Programing” organized by Syed Ammal Engineering College, Ramanathapuram from 6th-11th July, 2020.
- **Ms. Shweta Kaushik:** Attended five days ATAL Online FDP on “Cloud Technology” organized by Beant college of engineering and technology, Gurdaspur from 26th-30th October, 2020.
- **Ms. Shweta Kaushik:** Attended six days Online FDP on “Digital Teaching Techniques” organized by ICT Academy from 7th-12th December, 2020.
- **Ms. Shweta Kaushik:** Attended five days ATAL Online FDP on “Blockchain” organized by ABES Engineering College Ghaziabad Uttar Pradesh from 14th-18th December, 2020.

- **Ms. Shweta Kaushik:** Attended five days Online STTP on “Advanced Deep Learning Techniques with Python” organized by Anurag Group of Institution, Hyderabad from 27th July-1st August, 2020.
- **Mr. Sachin Goel:** Attended five days ATAL Online FDP on “Soft Computing Techniques” organized by Dr. S. & S. S. Ghandhy Government Engineering College from 2nd-6th November, 2020.
- **Mr. Puneet Kumar Aggarwal:** Attended six day's STTP on “Teaching Learning Pedagogies” organized by ICT Academy from 7th -12th December, 2020.
- **Mr. Puneet Kumar Aggarwal:** Attended five days ATAL Online FDP on “Data Sciences and Machine Learning” organized by KIET group of Institutions, Ghaziabad from 17th – 21th November, 2020.
- **Mr. Puneet Kumar Aggarwal:** Attended six days Blockchain Fundamentals Training - Sponsored by AICTE organized by Saintgits College of Engineering Kerala from 24th -29th Aug, 2020.
- **Mr. Puneet Kumar Aggarwal:** Attended six days Online FDP on “Recent Advances in Computer Science and Allied Domains” organized by Sharda University from 23rd-28th November, 2020.
- **Mr. Puneet Kumar Aggarwal:** Attended six days ATAL Online FDP on “Technologies with Social Relevance” organized by GMR institute of technology from 27th July–1st August, 2020.
- **Dr. Kanika Gupta** published a paper titled “SEVA: Secure E-Voting Application in Cyber Physical System” in Cyber Physical System, Vol 6(4), November 2020 (Scopus Indexed).
- **Mr. Ritin Behl** published a paper titled “Analysis and Simulation of Non-Linearities in Analog Filters” in AEGAEUM Journal, Vol 8 (9) PP 1140-1148, 2020 (Scopus Indexed).
- **Ms. Nandita Goyal** published a paper titled “Breast cancer classification and identification using machine learning approaches” in Materials today (Elsevier), December 2020 (Scopus Indexed).
- **Ms. Deepali Dev** published a paper titled “Property Rate Prediction Using Machine Learning” in Wesleyan Journal of Research, Vol 13(14) PP 83-86, September 2020 (Scopus Indexed).
- **Mr. Prashant Tomer and Mr. Ashwin Perti** published a paper titled “Security Analysis of end points in IOT” in Strad Research, Vol 7 (11) PP 252-257, 2020 (Scopus Indexed).
- **Mr. Aatif Jamshed** published a paper titled “COVID-19 suspected person detection and identification using thermal imaging based Closed Circuit Television (CCTV) camera and tracking using drone in Internet of Things” in International Journal of Computer Applications in Technology, 2020 (Scopus Indexed).
- **Mr. Aatif Jamshed** published a paper titled “An Analysis of Trends, Developments and Transparent Issues in the making of Indian Smart Cities” in EAI Endorsed Transactions on Smart Cities, PP 1-9, August 2020 (Scopus Indexed).
- **Mr. Aatif Jamshed** published a paper titled “An advanced machine learning technique for the analysis of retina fundus images” in Materials today (Elsevier), November 2020 (Scopus Indexed).

Publications / Books

- **Dr. Anish Gupta** published a paper titled “Encrypted Image Deployed, Both in Cloud and Self-managed System” in S. N. Computer Science, 1, 358 (2020), October 2020.
- **Dr. Anish Gupta** published a paper titled “Early Detection of Covid-19 in Canadian Provinces and its Anticipatory” in S. N. Computer Science, 1, 349 (2020), October 2020.
- **Dr. Kanika Gupta and Mr. Aatif Jamshed** published a paper titled “An Efficient Approach for Detection and Verification of Infected Cases of Covid-19 Virus through Blockchain: A Survey” in International Journal of Sensors, Wireless Communications and Control, Vol 10 (8) 2020 (Scopus Indexed).



Conferences

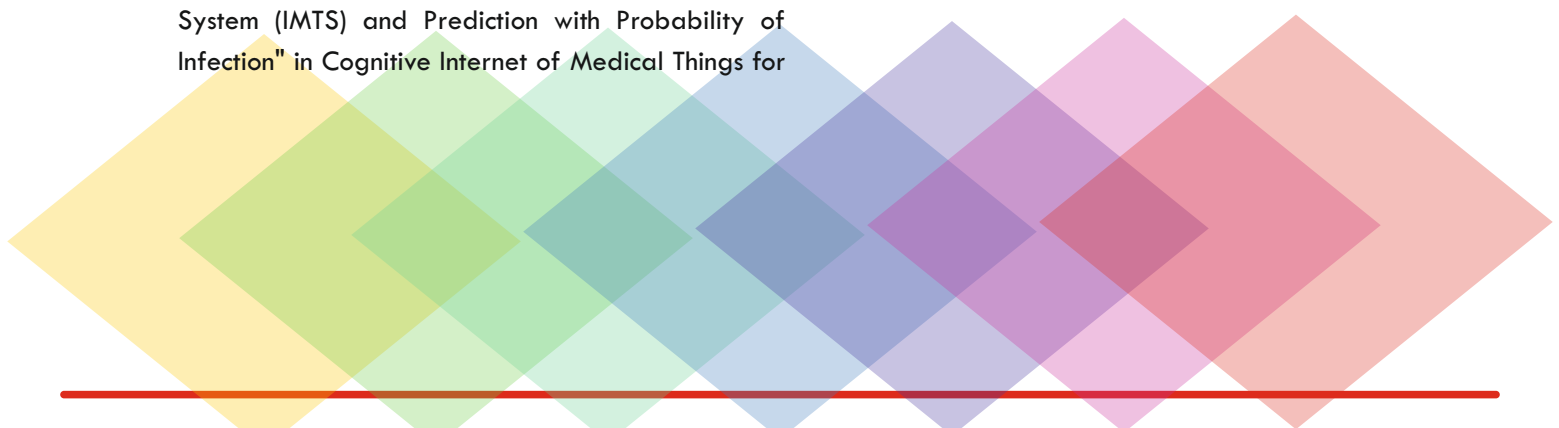
- **Dr. Amit Sinha** published a paper titled "ToLeD: Tomato leaf disease detection using convolution neural network" in *Procedia Computer Science*, 167, 293-301, 2020 (Scopus Indexed).
- **Dr. Amit Sinha and Mr. Ashwin Perti** published a paper titled "Security Implementations in IoT Using Digital Signature" in *Innovations in Electrical and Electronic Engineering* (pp. 523-535). Springer, Singapore, 2020 (Scopus Indexed).
- **Dr. Amit Sinha and Mr. Aatif Jamshed** published a paper titled "Intelligent dustbin: A strategic plan for smart cities" in *Materials Today: Proceedings*, 2020.
- **Dr. Kanika Gupta** published a paper titled "Routing in IoT using MQTT Protocol" in 2020 12th International Conference on Computational Intelligence and Communication Networks (CICN) (pp. 1-5). IEEE, 2020 (Scopus Indexed).
- **Mr. Aatif Jamshed** published a paper titled "An On-chip Analysis of the VLSI designs under Process Variations" in *International Conference on Smart Electronics and Communication (ICOSEC)* (pp. 1273-1277). IEEE, 2020 (Scopus Indexed).
- **Mr. Manish Kumar Sharma** published a paper titled "Survey Paper on Routing Protocols in VANET" in 2nd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN) (pp. 426-429). IEEE, 2020 (Scopus Indexed).
- **Mr. Manish Kumar Sharma** published a paper titled "Crop Selection Using Data Analytics" in 2nd International Conference on Advances in Computing, Communication Control and Networking (ICACCCN) (pp. 66-70). IEEE, 2020 (Scopus Indexed).
- Smart Healthcare, pp. 211-227. Springer, Cham, 2020 (Scopus Indexed).
- **Ms. Manika Bhardwaj, Ms. Shivani Goel and Mr. Pankaj Sharma** published a book chapter titled "Web-Based Classification for Safer Browsing" in *Computational Methods and Data Engineering*, pp. 105-115. Springer, Singapore, 2020 (Scopus Indexed).
- **Ms. Shweta Kaushik** published a book chapter titled "Security and Privacy Issues in Fog/Edge/Pervasive Computing" in *Fog, Edge, and Pervasive Computing in Intelligent IoT Driven Applications* (2020): 369-387, 2020 (Scopus Indexed).
- **Ms. Shweta Kaushik and Dr. Amit Sinha** published a book chapter titled "Fog-Assisted Data Security and Privacy in Healthcare" in *Fog Computing for Healthcare 4.0 Environments*, pp. 315-336. Springer, Cham, 2021 (Scopus Indexed).
- **Ms. Shweta Kaushik** published a book chapter titled "Big Data Issues and Challenges" in *Big Data Applications for Improving Library Services*, pp. 1-21. IGI Global, 2021 (Scopus Indexed).

Guest Lecture Delivered

- **Dr. Amit Sinha:** delivered a lecture on "Data Science & IoT" in the Online FDP titled "Recent Trends in Technology and Teaching Learning Methodology", organized by SAGE University, Indore scheduled on 10th July 2020.
- **Dr. Amit Sinha:** delivered a guest lecture on "intelligent Agriculture: Need of IoT & Fuzzy Logic Monitoring System" in the Online Conference titled "Restoring Sustainable Life through Water, Agriculture, Environment and Ecosystem Management", organized by River Water User Association (India) - IRDRA, 27th-29th November, 2020.

Book Chapter

- **Dr. Amit Sinha and Mr. Ashwin Perti**, published a book chapter titled "An IOT Based Medical Tracking System (IMTS) and Prediction with Probability of Infection" in *Cognitive Internet of Medical Things for*



Ph.D Awarded / Registered Details

- **Dr. Yash Veer Singh** awarded Ph.D. on the thesis titled “Design and Analysis of Prioritization Techniques for software requirements” from University of Delhi, Delhi, India in Ph.D. Discipline Computer Engineering in December, 2020.
- **Dr. Puneet Kumar Aggarwal** awarded Ph.D. on the thesis titled “Design of Quality Model for Mobile Applications” from Amity University, Uttar Pradesh, India in Ph.D. Discipline Information Technology in December, 2020.
- **Mr. Manish Kumar Sharma:** enrolled for Ph.D. program at DR. B.R Ambedkar National Institute of Technology, Jalandhar, India in Computer Science and Engineering, (Session: 2020-2021).
- **Mr. Ritin Behl:** enrolled for Ph.D. program at SRM Institute of Science and Technology, NCR Campus, India in Computer Science and Engineering, (Session: 2020-2021).
- **Mr. Prashant Tomar:** enrolled for Ph.D. program at G.D Goenka University, Faridabad, India in Computer Science and Engineering, (Session: 2020-2021).

NPTEL / Coursera Certifications

- **Dr. Harikesh Singh** completed Coursera certification in Blockchain Basics, from 3rd July -3rd August, 2020.
- **Mr. Ashwin Perti** completed certification in University Admission Prediction Using Multiple Lineara Regression, during 3rd-9th August, 2020.

Department Achievements

- The B. Tech. (IT) Course received One Year NBA extension till 30th June, 2021.
- The CRIP project “Smart Dustbin”, funded by Dr. APJ AKTU, Lucknow was successfully handed over with submission of utilization certifications.

Faculty Achievements

- **Dr. Amit Sinha** attended Leadership Development Program, organized under the AICTE-UKIERI Collaboration, followed by CMI Level 5 Certification and awarded by Royal Charter Group.
- **Mr. Manish Kumar Sharma and Mr. Aatif Jamshed** contributed as a reviewer in IEEE International Conference on Advances Computing, Communication Control and Networking (technically co-sponsored by IEEE UP Section) organized by Department of Computer Science and Engineering, Galgotia College of Engineering & Technology, Greater Noida, India scheduled on 18th-19th December, 2020.

Partnership and MoU's

The Department of Information Technology, ABESEC Ghaziabad has signed MoU with:

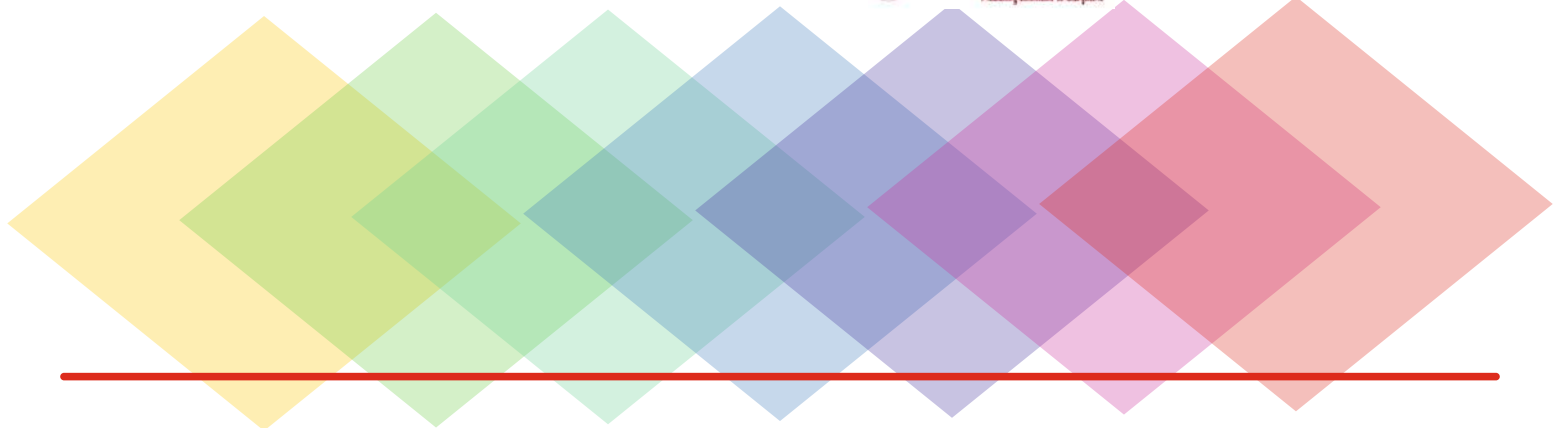
1. ICT Academy, Government of India
2. MONTEAGE IT Solutions Pvt. Ltd (Delhi-NCR)



ICTACADEMY ICT Academy, Government of India



Monteage IT Solutions Pvt. Ltd. MONTEAGE IT Solutions Pvt. Ltd
Providing Solutions to our future



Webinars /Workshops /Training Sessions organized

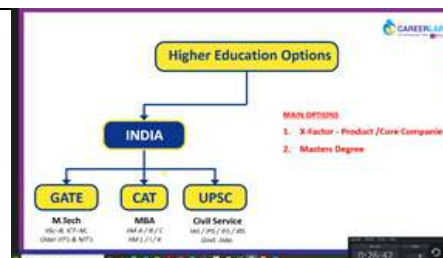
- **Dr. Gunjan Gupta Govil**, MRCOG (UK), MD (KGMC, Lucknow) had delivered a lecture as an expert speaker in the webinar on “Impact of COVID-19 on Health”. It was scheduled on 10th July, 2020. The program was coordinated by Ms. Deepali Dev.
- **Ms. Mamta Kumari**, Co-founder of PrepBytes had delivered a lecture as an expert speaker in the webinar on "How to prepare for Competitive Coding & Placements in IT / Software Companies". It was organized in collaboration with Prepbytes on 18th July. 2020. The program was coordinated by Mr. Ritin Behl.
- **Mr. Santosh P. N.**, a key trainer of Byju's had delivered a lecture as an expert speaker in the webinar on “Awareness & Preparation for Higher Education and Scholarships”. It was organized by on 12th September, 2020. The program was coordinated by Ms. Shelley Gupta.
- **Mr. Ravi Srivastava**, Sr. Tech Lead, HCL Technology UK Advisor, Right Zone Technologies Pvt. Ltd., India had delivered a lecture as an expert speaker in the webinar "Learning Opportunities and Carrier Growth in Artificial Intelligence & Machine Learning". It was scheduled on 17th October, 2020. The program was coordinated by Dr. Anish Gupta and Mr. Manish Kumar Sharma.
- **Mr. Siddharth Sharma**, Managing Associate, LexOrbis, Delhi, India had delivered a lecture as an expert speaker in the webinar on “Intellectual Property Rights (IPR)” The program was organized in association with INurture Incubation Foundation on 7th November, 2020. The program was coordinated by Mr. Manish Kumar Sharma.
- **Dr. Amar Singh**, Life Management Trainer, Motivational Speaker, Professor and Head, Govt P G College Chhindwara, MP had delivered a lecture as an expert speaker in the webinar on "Personality Development and Employability Skills". It was organized in association with Internal Quality Assurance Cell (IQAC) on 05th December 2020. The program was coordinated by Mr. Manish Kumar Sharma.



10th July, 2020: “Impact of COVID-19 on Health”



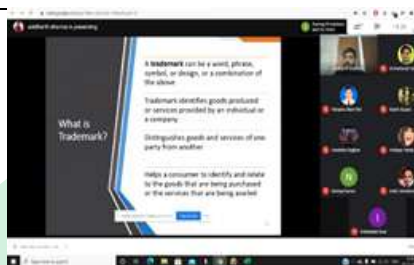
18th July. 2020: "How to prepare for Competitive Coding & Placements in IT / Software Companies"



12th September, 2020: “Awareness& Preparation for Higher Education and Scholarships”



17th October, 2020: "Learning Opportunities and Carrier Growth in Artificial Intelligence & Machine Learning"



07th November, 2020: “Intellectual Property Rights (IPR)”



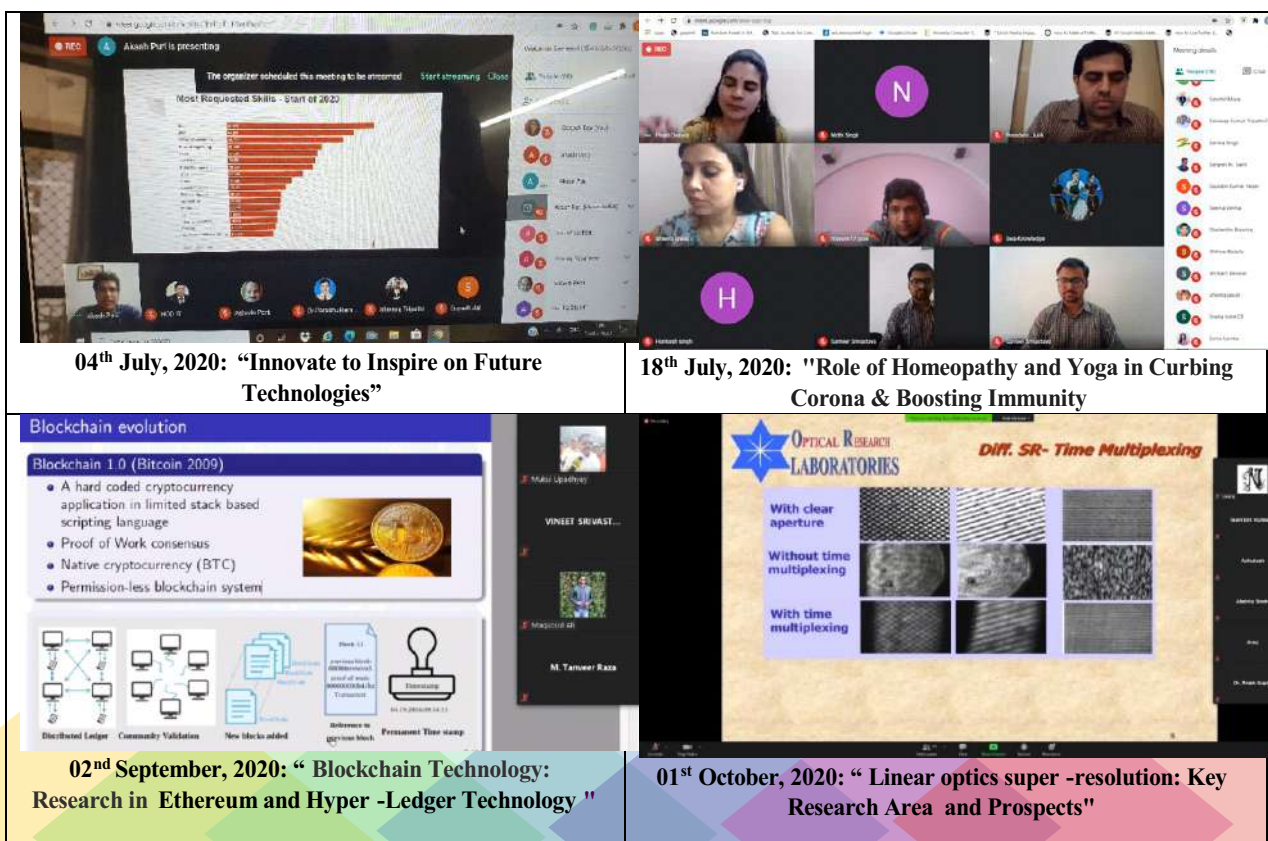
05th December,2020: “Personality Development and Employability Skills”

Student's Corner

Industry-Alumni Interaction

The Department of Information Technology organized Alumni interaction program in each semester. This helps our students to pace with industry needs and learn from their seniors. Some of such interactions are mentioned below:

- The Department of Information Technology under IT-IAAA-2020, ABES Engineering College Ghaziabad has organized a webinar on **"Innovate to Inspire on Future Technologies"**, scheduled on 4th July, 2020. The Speaker of the webinar was Mr. Akash Puri (2014 IT-Alumni), Senior Software Engineer, Accedo, New Delhi. The program was coordinated by Ms. Deepali Dev.
- A webinar was organized on **"Role of Homeopathy and Yoga in Curbing Corona & Boosting Immunity"** on 18 July 2020. The speakers were Dr. Preeti Khatri, B.H.M.S. Delhi, M.D.(Hons.), Dr. Shweta Jawali, Homeopathic Physician, RKM, Singapore, Ms. Vidhu Chaudhary, Yoga Therapist & Teacher. The program was associated with AAA and IT-IAAA. The event was coordinated by Ms. Shelly Gupta (Asst.Professor-IT).
- The Department of Information Technology organized a webinar on **"Blockchain Technology: Research in Ethereum and Hyper-Ledger Technology"**, under its initiative "IT Industry-Alumni Academia Alliance (IT-IAAA-2020)" on 2nd September, 2020. Dr. A K Vishwakarma, PhD from IIT Kanpur was an expert speaker. The event was coordinated by Mr. Ashwin Perti.
- The Internal Quality Assurance Cell (IQAC) in association with Department of Information Technology under its initiative IT Industry- Alumni Academia Alliance (IT-IAAA-2020) organized a webinar on **"Linear optics super-resolution: Key Research Area and Prospects"**, on 1st October, 2020. The speaker of the webinar was Prof. Zeev Zalevsky, Faculty of Engineering, Bar-Ilan University, Israel. The event was coordinated by Mr. Manish Kumar Sharma.



STUDENTS ACHIEVEMENTS



Akash Garg



Parvez Ansari

Akash Garg and Parvez Ansari, Batch: B.Tech (IT), 2017-21, got the placement in the company **Amazon** with package of **14.0-28.0 LPA**.



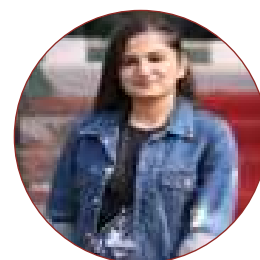
Kanika Sharma



Akash Dhoundhiyal

Kanika Sharma, Batch: B.Tech (IT), 2017-21, got the placement in the company **Xperi Corporation** with package of **10.0 LPA**.

Akash Dhoundhiyal, Batch: B.Tech (IT), 2017-21, got the placement in the company **Infosys** with package of **8.0 LPA**.



Apurva Singh

Apurva Singh, Batch: B.Tech (IT), 2017-21, got the placement in the company **Infoedge** with package of **7.25 LPA**.


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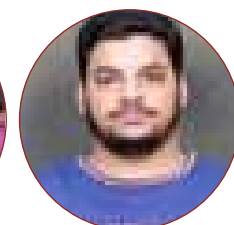
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Shrikant Bhardwaj



Ashutosh Shishodia



Madhav Bhasin

Shrikant Bhardwaj, Ashutosh Shishodia, Madhav Bhasin, Batch: B.Tech (IT), 2017-21, got the placement in the company **Devslane** with package of **8.0 LPA**.



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4th Year, IT, ABESEC

for successfully qualifying
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the global certification exam
and
Certified Ethical Hacker
administered by Internationally renowned EC-Council



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Vishal Jain, Batch: B.Tech (IT), 2017-21, recognized as a CISCO Certified CyberOps Associate. He has scored 88.1% marks in the CISCO International Certification exam. He is also selected in HCL Technologies, Infosys, and Capgemini India. He has been trained at our College-Center of Excellence: Cyber Security & Networking for the last two years in the Domain of Cyber Security.

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