## Message from Director

Engineering education is among the key enablers of growth for transforming national as well as global economy. As we continue to strive for academic excellence in engineering education through innovative techniques, ABES Engineering College is fast approaching to become the preferred destination for students from across the country. Equipped with many 'Centres of Excellence', the college encourages its students to participate in a creative exploration of knowledge involving hands-on activities which provide 'learning by doing' environments far different from exam centric rot-learning. We are making best efforts to keep pace with fast emerging technologies so that we are in a position to prepare our students for industry as well as entrepreneurship. Accordingly, the entire academic processes and echo system are being aligned with outcome based education (OBE) system which has become the hallmark of teaching-learning platforms in ABESEC.

Our every action is focused in creating an ambience suitable for fostering quality education along with research & development activities. The testimony to this is the quality certification of the college by NAAC, NBA and ranking by NIRF. We are looking forward to develop in each of our faculty, staff and students the ability and passion to work wisely, creatively and effectively for the betterment of mankind.

**Prof. (Dr.) Shailesh Tiwari**

## Message from HOD-MCA

With the growing Indian economy and government emphasis on e-governance, Information Technology (IT) is more and more visible in service deliveries in all types of government services. Private companies are even more IT savvy using IT for strategic advantages, efficiency enhancement in addition to better customer services.

Availability of new and cheap technologies has encouraged all sectors to use IT in a big way. The need for qualified and competent IT professionals grows with the growth of the IT sector. Our MCA program focuses on developing cutting edge computer professionals to effectively and efficiently fulfil the needs of the market. The course consists of theoretical bases of software development and programming skills like C, C++, Java, .NET, Cloud Computing, Networking and Software Engineering among others. Placement of the department is approximately 100% with all the eligible students placed in reputed companies like TCS, WIPRO, QA Infotech, Satyam Tech, NIIT, Tech Mahindra etc.

**Prof. (Dr.) Devendra Kumar**

## Message from Editor

It's my immense pleasure that I was given the opportunity to work on the second issue on Vol. 2 of the department Magazine 'The Connect'. As we know, a magazine mirrors a department & its Vision & Mission. It also highlights events, activities and academic achievements of the students and faculty members. In this issue, we have tried to include annually achievements and the activities, projects, publications and technical events. I would like to thank to my colleagues and the students for their endless support in creation of this issue. I will hope that this magazine will give message for motivation to the students to use it as a platform to present their creativity.

**Ms. Kalpana Dwivedi**
Assistant Professor, MCA

## VISION

The Department of MCA will strive to become a recognized centre of excellence in education and research in the field of computer applications, producing highly competent, dedicated and industry-ready professionals steeped in ethical values.

## MISSION

The Department of MCA will provide its students and faculty a learning environment for innovative-learning, research based innovation that will infuse students with

- a passion to excel professionally.
- a spirit to be of use to industry, corporate sector and the society at large.
- an intense desire to innovate and explore new ideas & be ready to take on challenging responsibilities and leadership roles.
- a craving to be wholesome good human being.

## PROGRAMME EDUCATIONAL OBJECTIVES

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

**PEO-1:** Graduates of the programme will have successful technical and professional careers.

**PEO-2:** Graduates of the programme will continue to learn and to adapt in a world of constantly evolving technology.

**PEO-3:** Graduates of the programme will display high ethical standards and be good citizens.

## PROGRAMME OUTCOMES

The Detailed Program Outcomes (POs) are as follows-

**PO-1: Computational Knowledge :** Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

**PO-2: Problem Analysis :** Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences and relevant domain disciplines.

**PO-3: Design /Development of Solutions:** Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

**PO-4: Conduct Investigations of Complex Computing 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.

**PO-5: Modern Tool Usage :** Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

**PO-6: Professional Ethics :** Understand and commit to professional ethics and cyber regulations, responsibilities and norms of professional computing practices.

**PO-7: Life-long Learning :** Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

**PO-8: Project Management and Finance:** Demonstrate knowledge and understanding of the computing 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 environments.

**PO-9: Communication Efficiency :** Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

**PO-10: Societal and Environmental Concern:** Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

**PO-11: Individual and Team Work :** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

**PO-12: Innovation and Entrepreneurship:** Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

## PROGRAMME SPECIFIC OUTCOMES (PSO)

The Detailed Programme Specific Outcomes (PSOs) are as follows-

PSO-1: The ability to design and develop computing systems using the concepts of mathematics, computer engineering and other related disciplines to achieve customer goals.

PSO-2: The ability to test and analyse the quality of various subsystems and to integrate them in order to evolve a larger computing system.
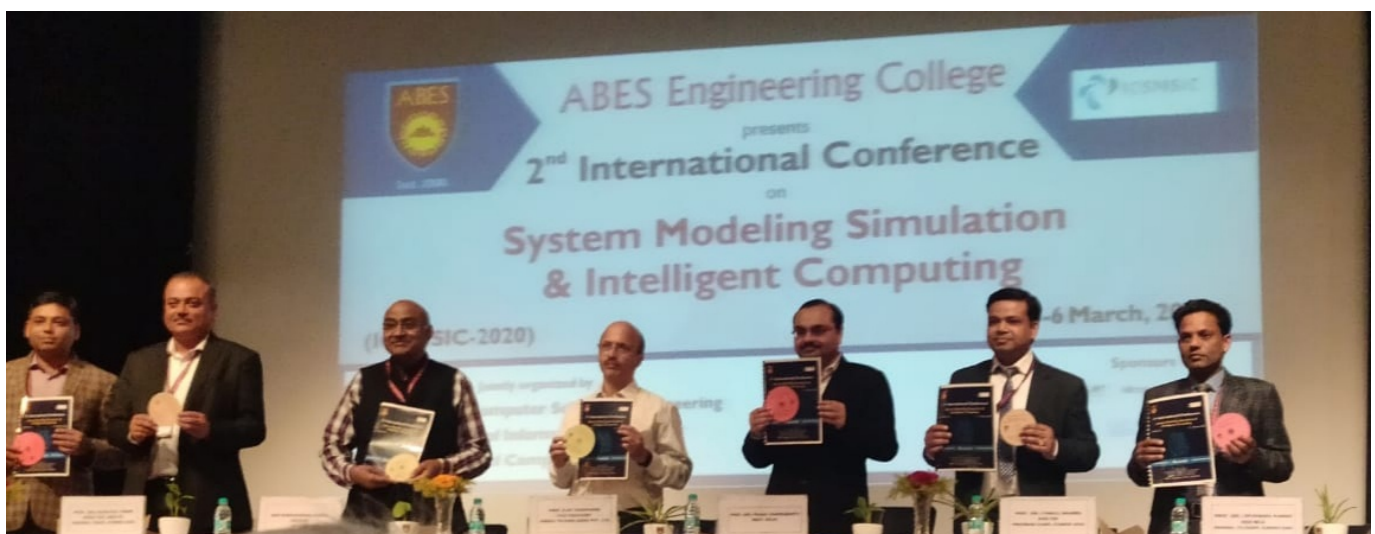
## FACULTY PUBLICATIONS

1. **Devendra Kumar** et al "A conceptual framework for mitigating the risk in e Commerce websites" published and presented a paper in IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO'2020) held at Amity University, Noida on 5-6 June, 2020 (IEEE Scopus Indexing).

2. **Devendra Kumar, Pragya Tewari, Upasana Sharma and Rajesh Kumar Maurya** "secure Electronic Transactions Via Cryptography Techniques" published and presented a paper in IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO'2020) held at Amity University, Noida on 5-6 June, 2020,(IEEE Scopus Indexing).

3. **Rishabh, Sunita Dhingra, Kamaldeep Joshi, Devendra Kumar** "Implementation and Analysis of DSRC protocol in order avoid collision among vehicles" in 'International Journal of Advanced Science and Technology (IJAST)' ISSN 2005-4238, E-ISSN: 2207-6360 Volume-29 No-5, March, 2020, Page No. 223-231, http://sersc.org/journals/index.php/IJAST/issue/view/272 (Scopus Indexing).

4. **Kalpana Dwivedi, Bipin Tiwari, Devendra Kumar, Rajesh Kumar Maurya** "Monitor, Analysis and Consumer Distributed Enterprise Machine Data using Splunk to Enhance Operation Intelligence" in 'International Journal of Advanced Science and Technology (IJAST)' ISSN 2005-4238, E-ISSN: 2207-6360, Volume-29 No-5, March, 2020, Page No. 292-301. http://sersc.org/journals/index.php/IJAST/issue/ view/272 (Scopus Indexing).

5. **Devendra Kumar, Upasana Sharma** "Design E-Wallet as Centralized E-Wallet" in 'International Journal of Engineering and Advanced Technology (IJEAT)' ISSN 2249-8958 Volume-9 Issue-2, December 2019 http://www.ijeat.org/download/volume-9-issue-2/ (Scopus Indexing).

6. **Devendra Kumar, Upasana Sharma** "Smart Home using Visual Sensor Network and Li-Fi Technology" in 'International Journal of Recent Technology and Engineering (IJRTE)" ISSN: 2277-3878 (Online), Volume-8 Issue-4, November 2019. Page No.: 4791-4796 DOI:10.35940/ijrte.D7462.118419, https://www.ijrte.org/download/volume-8-issue-4/. (Scopus Indexing).

7. **Devendra Kumar, Rajesh Kumar Maurya, Kalpana Dwivedi** "IoT Based Home Automation using Computer Vision" in "International Journal of Innovative Technology and Exploring Engineering (IJITEE)" ISSN: 2278–3075 (Online), Volume-8 Issue-12, October 2019, Page No.5044-5047. DOI:10.35940/ijitee.L3771.1081219 https://www.ijitee.org/download/volume-8-issue-12/ (Scopus Indexing).

8. **Devendra Kumar, Pragya Tewari** "An Analytical Study of Artificial Intelligence its Applications" in Compliance Engineering Journal ISSN NO: 0898-3577, Volume 10, Issue 10, 2019, Page No: 565-572, SJIF Impact Factor - 6.1, ISI Impact Factor 2.183, UGC CARE Group A List Journal http://ijceng.com/VOL-10-ISSUE-10-2019/, DOI:16.10089.CEJ.2019.V10I7.285311.2770.

9. **Rishabh** et. al, "Health Care Management System Using Time Series Analysis," 2019 4th International Conference on Information Systems and Computer Networks (ISCON), Date of Conference : 21-22 Nov. 2019, IEEE, Mathura, India, 2019, pp. 63-69 (Electronic ISBN : 978-1-7281-3651-6).

10. **Rishabh** et. al "Ensemble Classification Approach for Cancer Prognosis and Prediction" Biologically Inspired Techniques in Many-Criteria Decision Making. BITMDM 2019. Learning and Analytics in Intelligent Systems, Vol 10. Springer, Cham(Online ISBN: 978-3-030-39033-4)(First Online : 20 January 2020).

11. **Rishabh** et. al, "Implementation and Analysis of DSRC protocol in order to prevent and avoid collision among vehicles" International Journal of Advanced Science and Technology (IJAST), Volume -29, No 5s (2020),March 2020,pp. 223-231 (ISSN: 2005-4238).

12. **Rishabh**, **Dharmendra Kumar Roy** et. al, "Spam Draining using Composite Boyer Moore Algorithm and Stemming" International Journal of Advanced Science and Technology (IJAST), Volume -29, No 5s (2020), March 2020, pp. 232-237 (ISSN: 2005-4238).

13. **Pragya Tewari**, et. al, "Performance of Support Vector Machine Kernels (SVM-K) on Breast Cancer (BC) dataset", International Journal of Recent Technology and Engineering (IJRTE) Volume-8, Issue-2, 7, July 2019 (ISSN: 2277-3878).

14. **Rajesh Kumar Maurya**, "Timely Recognition of Breast Cancer (BC) Via Support Vector Machines (SVMs) Algorithms-A Study." International Journal of Advanced Science and Technology Volume-29, Issue-5S of March 2020 (ISSN: 2207-6360).

15. **Rajesh Kumar Maurya**, "Epidemiology of Breast Cancer (BC) and Its Early Identification via Evolving Machine Classification Tools (MLCT)–A Study." Learning and Analytics in Intelligent Systems series (Springer Nature) Volume-10 (SBN: 978-3-030-39032-7)

16. **Rajesh Kumar Maurya**, "Ensemble Classification Approach for Cancer Prognosis and Prediction." Learning and Analytics in Intelligent Systems series (Springer Nature) Volume-11 (SBN: 978-3-030-39032-7)

17. **Shubhangi Sankhyadhar**, "Application of Internet of Things (IoT) Using RFID Technology" Compliance Engineering Journal Volume-10, Issue 11, 2019 (ISSN NO: 0898-3577)

## INTERNATIONAL CONFERENCE

Department of CSE, CEIT, IT & MCA organized 2nd International Conference on System Modelling Simulation & Intelligent Computing (ICSMSIC 2020). ICSMSIC-2020 was held at ABES Engineering College, Ghaziabad on 5th – 6th March, 2020. The conference provided a platform for technical exchanges within the research community and encompasses regular paper presentation sessions, invited talks, keynote addresses, panel discussions, workshops and poster exhibitions.

# STUDENT DEVELOPMENT PROGRAM

The Department of Computer Applications has organized various SDP. Some of which are as follows-

1. The Department of Computer Applications at ABES Engineering College successfully organized the first SDP on **Big Data and Mongo DB** for the students of BCA I, II & III years on 11 December 2019. The resource persons for the workshop were: Ms. Kalpana Dwivedi - Asst. Prof., MCA Deptt and Ms. Shubhangi Sankhyadhar- Asst. Prof., MCA Deptt.

2. The Department of Computer Applications (MCA) successfully organized the second SDP on **"Artificial Intelligence and its Applications"** on 28 January 2020 at 09:30 am at ABES Engineering College, Ghaziabad. The resource persons for the workshop were: Mr. Tarun Sharma - Asst. Prof., MCA Deptt. and Ms. Pragya Tewari- Asst. Prof., MCA Deptt, Mr. Aatif Jamshed - Asst. Prof., IT Deptt.



3. The Department of Computer Applications (MCA) is organizing the third SDP on **"Internet of Things (IOT) and Its Applications"** on 29 February 2020 at 09:30 am at ABES Engineering College, Ghaziabad. The resource persons for the workshop were: Mr. Tarun Sharma - Asst. Prof., MCA Deptt. Ms. Shubhangi Sankhyadhar- Asst. Prof., MCA Deptt.

4. The Department of Computer Applications (MCA) and CCPD at ABES Engineering College successfully organized the fourth SDP on **Digital Re-Imagination** for the students of MCA Pre-Final Year on 16 April 2020 through zoom online platform. The resource persons for the Student Development Program (SDP) were TCS Expert. In this workshop total 94 students had participated.

5. The Department of Computer Applications at ABES Engineering College successfully organized the fifth SDP on Deep learning and Big Data for the students of BCA I, II & III years on 27 May 2020. The resource persons for the workshop were Ms. Kalpana Dwivedi - Asst.Prof., MCA Deptt and Ms. Shubhangi Sankhyadhar- Asst.Prof., MCA Deptt.

## WORKSHOP AND GUEST LECTURES

The Department of Computer Applications has organized various workshops & guest lectures. Some of which are as follows-

1. **Ms. Ruchi Bhatnagar**, Senior Process Associate (Senior Network Engineer) in Tata Teleservices Limited Noida delivered talks on "Networking" (31 August 2019 ).

2. **Mr. Alphish Dhengre**, CCNA [R&S] and CCNP [R&S] Course Certified from NETWORK BULLS (Gurugram), presented his views on "Cisco Networking" (14 September 2019).

3. **Mr. Kamal Rawat**, founder of Ritambhara Technologies-Coding Interview Preparations, presented his views on "How to Crack Coding Interviews " (30 September 2019).

4. **Mr. Saurabh Pandey,** Assistant Consultant, TCS India Pvt Ltd, presented his views on "Virtualization And Cloud Azure "(16 November 2019).

5. **Dr Himanshu Varshney,** Scientist ICAR, Government of India, New Delhi., presented his views on "Distributed System and Cyber Security "(20 June 2020).

## WEBINARS

The Department of Computer Application (MCA),  ABES Engineering College, Ghaziabad has successfully conducted a five Webinars under the Webinar Series on "Career Guidance and Career opportunities in the IT sector" scheduled on 24 May, 30 May, 31 May, 06 June and 07 June 2020. The resource persons were **Mr. Nitin Srivastava, Mr. Bipin Tiwari, Mr. Amit Rajput, Prof. Asheesh Pandey and Mr. Sachin Gupta** from eminent industries and institutions.

➢ On 24 May 2020, Mr. Nitin Srivastava started his lecture by explaining the basics of Machine Learning & AI with real-life examples. He demonstrated the difference between supervised learning and unsupervised learning. He also explained various Classification and Clustering algorithms.  He started coding and explained the concepts of linear regression, naive Bayes, k means by using python.

➢ On 30 May, 2020 Mr. Bipin Tiwari talked in detail about opportunities and challenges in the software industry at the present time. He covered in detail the regional and global challenges posed in the software industry. He also advocated different suggestions on how opportunities can be exploited and challenges can be overcome.

➢ On 31 May, 2020 Mr. Amit Rajput explained the Agile Methodology and also explained the importance of agile over the traditional approach. He also explained agile frameworks Scrum and Kanban. He elaborated on the concept of Sprint with examples.

➢ On 6 June, 2020 Prof. Asheesh Pandey started with career options in Govt and Private sector. He explained different parameters based on which students can choose career options as Govt. or private sector.

➢ On 7 June 2020, Mr. Sachin Gupta   started the topic with some question-answer sessions and then he explained how to get successful in interviews by giving real-life examples.

On every day, at the end, every resource person answered all the queries of the students and motivated them to carry out their career work.

| Date | Time | Guest Speaker | Designation | Company | Topic |
|---|---|---|---|---|---|
| 24/5/2020 | 1pm-2pm | Mr. Nitin Srivastava | System Analyst | DXC technology | Career prospects in Machine learning |
| 30/5/2020 | 4pm -5pm | Mr. Bipin Tiwari | Architect | Nagarro | Opportunities and challenges in current software Industry |
| 31/5/2020 | 4pm -5pm | Mr. Amit  Rajput | Program Management | Kronos Incorporated | Agile Methodology |
| 6/6/2020 | 4pm -5pm | Prof. Asheesh Pandey | HoD, BCA | Mewar Institute | How to build career in Govt and Private sector |
| 7/6/2020 | 4pm -5pm | Mr. Sachin Gupta | Ex-Senior Project Manager | HCL Technology | How to get success in interviews |

## INDUSTRIAL VISITS

An industrial visit for second year students of MCA Department was organized to **Deki Electronics, Noida** on 10 and 11 September 2019.

Deki Electronics is the largest manufacturer & supplier of Film Capacitors, Plastic Film Capacitors, Mylar Capacitor, Pulse Capacitors and Power Capacitors in India. MCA students visited the company and gained knowledge related to manufacturing of different types of capacitors and experienced the manufacturing process controlling with Programmable Logic Controllers etc.



**MCA students along with Faculty members at Deki Electronics, Noida**

## FACULTY MEMBERS AS A RESOURCE PERSON

1. Dr. Devendra Kumar, Chaired a session in the International Conference on Reliability, Infocom Technologies and Optimization (ICRITO'2020) held at Amity University, Noida on 5-6 June, 2020.
2. Dr. Devendra Kumar, chaired a Session in the National Seminar "Recent Advances in Computer Science and Information Technologies dated 28 Sept. 2019 at Institute of Professional Excellence and Management, Ghaziabad.
3. Dr. Devendra Kumar conducted Guest Lecture at Amity University, Noida on Information Security.
4. Dr. Devendra Kumar, chaired a session and keynote speaker in Emerging Trends in Science and Technology" on 24-25th Feb 2020 at Graphic Era Hill University, Dehradun.



5. Kalpana Dwivedi and Shubhangi Shankyadhar conducted SDP on Big data and MongoDB at ABESEC on 11th Dec 2019.
6. Dr. Devendra Kumar, conducted Special Session and Technical Session chair in the IEEE International Conference on Information System and Computer Network (ISCON-2019) dated 21-22 Nov. 2019 at GLA University, Mathura.



7. Mr. Tarun Kumar Sharma and Ms Pragya Tewari conducted workshop on Artificial Intelligence and its applications at ABESEC on 28 January 2020
8. Mr. Tarun Kumar Sharma and Shubhangi Sankyadhar conducted workshop on IOT and its application at ABESEC on 29 February 2020.
9. Kalpana Dwivedi and Shubhangi Shankyadhar conducted SDP on Deep learning and Big Data at ABESEC on 27th May 2020.

## SUCCESSFUL COMPLETION OF NPTEL COURSES

Faculty members and students have registered & qualified on various courses run by NPTEL few of them are as follows-

**By Faculty members**

| | |
|---|---|
| 1. Dr. Devendra Kumar | Cyber Security |
| 2. Mr. Rajesh Kumar Maurya | Software Testing |
| 3. Mr. Tarun Kumar Sharma | Introduction to IOT, Python for data Science |
| 4. Mr. Parul Kundra | Operating System |
| 5. Mr. Vinod Kumar | Operating System |
| 6. Ms. Kalpana Dwivedi | Cloud Computing, Business Analytics & Text mining using python |
| 7. Mr. Rishabh | Design and analysis of algorithm |
| 8. Mr. Dharmendra Roy | Cloud Computing |

**By Students-**

| | |
|---|---|
| 1. Manish Bhardwaj | Software Testing |

## FACULTY DEVELOPMENT PROGRAM

The Department of Computer Applications has organized FDP which are as follows-

1. The Department of (MCA) and Department of Computer Engineering & Information Technology (CEIT) of ABES Engineering College, Ghaziabad jointly are going to organize 2-days hands-on workshop on Machine Learning & IOT using Python/MATLAB from 11-12 July 2019.

2. The Department of MCA has jointly organized an ICT based Short Term Training Programme on "Semantic Web" from 16-20 September 2019 sponsored by NITTTR Chandigarh.

3. The Department of MCA has organized a FDP on "ICT Tools & Techniques for Teaching, Learning Process & Institutes sponsored by MNIT Jaipur from 13 -17 January 2020.

# ALUMNI INTERACTION

The Department of Computer Applications has organized Alumni interactions which are as follows-

1. The Department of MCA organizes Alumni Interaction on "Web Development" by one of alumnus Mr. Mridul Varshney, Web Developer at Excellence Technology on 10 August, 2019.

2. The Department of MCA organizes Alumni Interaction on "Preparation for placement drives" by one of alumnus Mr. Sameer Srivastava, Technical Officer (T5), Ministry of Home Affairs, Under Ministry of Agriculture and Farmers Welfare on 10 August, 2019.

3. The Department of MCA organizes Alumni Interaction on "Software Testing" by one of alumnus Mr. Dev Kishore Tyagi, Associate Testing Engineer, HCL Technology on 31 August, 2019.

4. The Department of MCA organizes Alumni Interaction on "Cloud computing" by one of alumnus Ms. Poonam Tripathi working at Apagen Solutions, Noida on 31 August, 2019.

5. The Department of MCA organizes Alumni Interaction on "RPG and COBOL" by one of alumnus Ms. Priyanka Vashishtha, IT analyst; Tata consultancy services (TCS) on 14 September, 2019.

6. The Department of MCA organizes Alumni Interaction on "Virtualize Environment " by one of alumnus Ms. Akansha Bhatnagar, Cloud Engineer, IBM  on 14 September, 2019

7. The Department of MCA organizes Alumni Interaction on "Data Analytics" by one of alumnus Ms. Neha Gupta, Data Analyst in Innovaccer Analytics Pvt. ltd on 28 September, 2019.

8. The Department of MCA organizes Alumni Interaction on "Software Development" by one of alumnus Mr. Amit Tyagi, Technical Lead in Tata Consultancy Services(TCS) in Edinburgh, Scotland UK on 06 November, 2019.

9. The Department of MCA organizes Alumni Interaction on "Salesforce Development for Platform App Builders" by one of alumnus Mr. Dheeraj  Verma, Sr. Salesforce Analyst in American Express India Pvt Ltd. on 16 November, 2019.

10. The Department of MCA organizes Alumni Interaction on "Managed Service Providers" by one of alumnus Mr. Abhinav Sharma, Technical Lead, ProVal Technologies, Sector 63, Noida on 08 February, 2020.

11. The Department of MCA organizes Alumni Interaction on "Business Intelligence" by one of alumnus Ms. Akanksha Sharma, Software Consultant, Uneecops Technologies Ltd, Sector 63, Noida on 08 February, 2020.

12. The Department of MCA organizes Alumni Interaction on "Cloud and Mobility with Career Opportunities in Present Scenario" by one of alumnus Mr. Divyanshu Srivastava, Associate Functional Consultant, Boral Sydney, Australia on 22 June, 2020.

## MOU

The Department of MCA signed an MOU with **HERE Solutions India Private Limited** (including its affiliated companies), on 7 November, 2019 to collaborate in HERE's community expert program through the HERE Map Creator tool.

The objective of this project is to jointly verify, improve and maintain the freshness of the HERE map data though the HERE Map Creator tool based on a collaboration framework ensuring educational, cultural and technological exchange.



## FRESHER OF MCA 2020 BATCH
## BeinVenido'20

The Department of MCA welcomes the neophytes by throwing a freshers party to the newly admitted students on October'18, 2019. This fresherl was organized under the guidance of Prof. (Dr.) Devendra Kumar, HoD MCA, welcomed all the newly admitted students and motivated them to work hard and achieve all the goals of life & also appreciated  final year students for their efforts in organizing fresher parties in such a short span of time .

Students of the 2020 batch organized various cultural events, apart from that the freshers who also showcased their talent by participating in ramp walk, singing, dancing
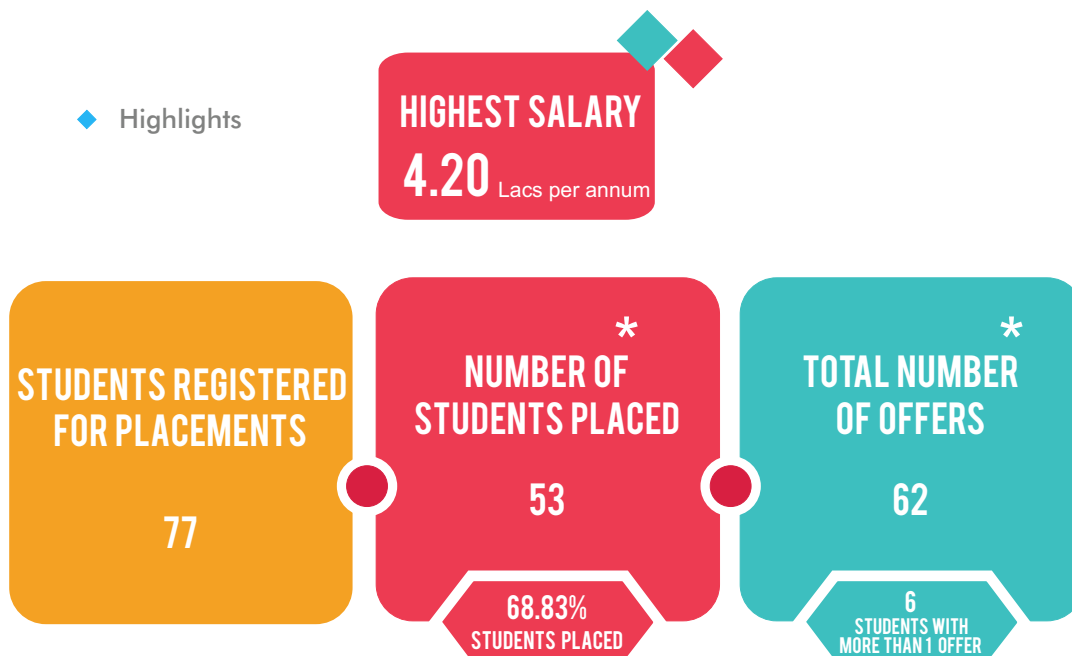
# PLACEMENT OF MCA

**80+** Companies interviewed students of MCA for 2020 batch
**81%+** Job offers till March 2020 and many more companies still inline.

◆ Highlights

**HIGHEST SALARY**
**4.20** Lacs per annum

**STUDENTS REGISTERED FOR PLACEMENTS**
77

**\* NUMBER OF STUDENTS PLACED**
53
68.83% STUDENTS PLACED

**\* TOTAL NUMBER OF OFFERS**
62
6 STUDENTS WITH MORE THAN 1 OFFER

**\*** ...placement still continuing

## STUDENTS ACHIEVEMENT

Team Vaunks, having members Udit Khanna, Kritika Chaudhary, Aanchal Agarwal, Niket Mittal, Vibhore Vashishta of MCA second year wins a cash prize of Rs.2100 and certificates for the second runner up position in the TECHNOHACK project making competition held at IPEM, Ghaziabad.

Team of MCA II Year, having members Udit Khanna, Kritika Chaudhary, Aanchal Agarwal, Niket Mittal, Vibhore Vashishta of MCA second year wins a cash prize of Rs.1000 and certificates in the CROSSROADS 2019 state level Innovation competition held at Hi-Tech, Ghaziabad.



*Congratulations*
MCA second year students for winning second runner-up position & prize of 2100 💰 in

**TECHNOHACK** Project Making Competition

held at IPEM, Ghaziabad

**Team Vaunks :** Udit Khanna || Kritika Chaudhary || Aanchal Agarwal || Niket Mittal || Vibhore Vashishta

**Group Photograph of**
**Department of Computer Applications (MCA)**

## Our Patrons

**Chief Patrons**
Sh. Neeraj Goel
President

Sh. Sachin Goel
Vice President

**Patron**
Prof. Shailesh Tiwari
Director

**Chairman, Publication**
Prof. (Dr.) Devendra Kumar
Head, MCA Dept.
hodmca@abes.ac.in

## Editorial

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Ms. Shubhangi Sankhyadhar
Asst. Professor, MCA Dept.

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(Assistant Professor, MCA)

**Student Editorial Board**
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