



GLA
UNIVERSITY
MATHURA

**Department of
CEA presents...**

Vol.1 MAY 2017

ping 

(A Bimonthly Newsletter)

Department of Computer Engineering & Applications

Department of Computer Engineering and Applications is the nerve centre of the University. The department believes that education is the cornerstone to economic development and which alone can assist build India into a developed nation. Over the years it has established itself into a separate department. The department with the passage of its evolution and growth has succeeded in creating its place of excellence not only within the college but among its counter parts in the country and abroad. It has been attracting bright students from all parts of the country for quality education in computer science at under graduate, post graduate and doctoral levels.

In terms of infrastructure, the department boasts of a number of state-of-the-art laboratories, where the students learn the nuances of programming and developing software. The students get a hands-on experience regarding the various facets of computing. There are around 671 latest configuration computers with high speed data processing in LAN & WAN environment supported by the Client-Server computing facility.

Teaching Methods in the department includes Class participation, Demonstration, Presentation. The various teaching aids are- CBD, Smart Classroom, LCD, Computer Labs, Department Library, Internet Facility etc. Our department is more focused on the Industry Academia relationship for this we arrange various workshops, Industrial visits, and guest lectures.

The various courses offered by department of Computer Engineering and Applications include: B.Tech. (CSE), BCA, MCA, MCA (Lateral), M.Tech. (CSE) and Ph.D. (CSE).

HoD's Message



Welcome and greetings to the freshest issue of the CEA's e-newsletter – 'ping'. I would like to thank the editorial team for their sincere efforts in bringing such a beautiful and informative newsletter. Newsletter is the amalgamation of all the events and activities held in the department. It plays an instrumental role in providing a greater exposure of the achievements accomplished by the students and the faculty. The department is continuously organizing seminars, workshops, industrial visits, soft skill programmes along with placement training every semester which gives a good exposure to engineering concepts and technology. I hope this issue will help our young minds to contribute more to the growth and achievements to the department and to the university as well.

Prof. Anand Singh Jalal

From the Editor's Desk



It is my immense pleasure that GLA University, Mathura has given me the opportunity to work on CEA department's bimonthly e-Newsletter – 'ping'. A newsletter is one of the best platforms to showcase any

organization's happenings and strength. It also highlights events, activities and academic prowess and achievements. In this first edition, I have tried to capture last couple of month's excitements and activities held at our department. I wish that 'ping' encourages faculty & staff members along with students to use it as a platform to express their tremendous creativities in coming future. I am thankful to the students, faculty and staff members of CEA for their valuable inputs. Suggestions and feedback are also welcomed that will help us improve further.

Nikhil Govil

Collaboration with IBM



Honorable Vice Chancellor, Registrar, HoD – CEA of GLA University, Mathura with executives of IBM during collaboration.

GLA University, Mathura has collaboration with IBM recently. With this collaboration, department of CEA is going to offer two new B.Tech. programmes as

1. B.Tech. – Computer Science & Engineering with Specialization in Data Analytics
2. B.Tech. – Computer Science & Engineering with Specialization in Cloud Computing & Virtualization.

Workshops Organized

Technical Workshops

Workshop on Public Cloud



Mr. Neeraj Kumar Pandey, Shubham Nagaria & Siddharth Garg taking the session on Public Cloud.

One day workshop on Public Cloud was conducted by the department under the banner of ABACUS computer society on 06 May 2017. The faculty coordinator of this workshop was Mr. Neeraj Kumar Pandey, Assistant Professor. Two B.Tech. (CSE) final year students named Shubham Nagaria & Siddharth Garg conducted the lab sessions of this workshop. The participants were from B.Tech. & BCA.

Workshop on Data Science



Mr. Vivek Kumar delivered his topic during Workshop on Data Science

One day workshop on Data Science was conducted by the department under the banner of ABACUS computer society on 06 May 2017. The faculty coordinator of this workshop was Mr. Vivek Kumar, Assistant Professor. Akash Dixit, B.Tech. (CSE) IVth year, Priyanshu Sharma, Raja Atreja, Pranjal Saxena, Nitin & Harish from B.Tech. (CSE) IIIrd year conducted the lab sessions of this workshop. The participants were from B.Tech. & BCA.

Research Oriented Workshops

Workshop on Advances in Image and Video Processing



Prof. D. S. Chauhan, Prof. A. S. Jalal & Prof. R. Balasubramanian inaugurating the workshop

A Two days workshop on Advances in Image and Video Processing was conducted by the department under the banner of CSI Mathura Chapter & IEEE Computer Society on 29 – 30 April'2017. The key note speakers were Prof. R. Balasubramanian from IIT Roorkee, Prof. Rajeev Srivastava from IIT (BHU), Varanasi & Prof. Satish Chand from JNU, New Delhi. Lab sessions for this workshop were conducted by Mr. Neeraj Gupta, Mr. Subhash Chandra Agrawal, Mr. Piyush Vashishtha, Mr. Rajesh Kumar Tripathi, Mr. Pragyesh Kumar and Md. Aamir Khan. The chairperson, Convener & Co – convener of this multidisciplinary workshop was Prof. Anand Singh Jalal, Dr. Alok Kumar Singh Kushwaha & Mr. Vinay Kumar respectively.

Online workshop on Android Development

An online workshop on Android development was conducted under collaboration of e – cell of CEA department by Kryptos Mobile's executive Ms. Anu Agarwal. This workshop was organized for second, third & fourth year students of B.Tech. (CSE). The objective of this workshop was to teach students to develop android programs for various applications.

Technical Event Organized

Quintessence 2017



Prof. R. Balasubramanian, IIT-Roorkee inaugurating annual Tech Fest - Quintessence 2017

The department of CEA in association with the CSI Mathura Chapter, Student Branch and ABACUS, and the Technical Society of GLA University organized the annual Tech Fest – Quintessence 2017 on 29 – 30 April 2017. It was a two – days socio – technical festival, in which various competitive programs related to Computer Science, like Cook-D-Query, Code Insight, Web Designing, Pixel, Robo War, Project Expo, IT Quest etc. were organized. Many students from other colleges also participated in it. Overall, the festival was a great success. All the students learnt a lot from it.

Research Publications



Mr. Rajesh Tripathi



Prof. A. S. Jalal



Mr. Subhash Chandra Agrawal

Rajesh Tripathi, Anand Singh Jalal and Subhash Agrawal have published a research paper entitled, “Suspicious Human Activity Recognition: A Review”, in Artificial Intelligence Review, Springer, DOI:10.1007/s10462-017-9545-7, 2017, [SCI. Impact Factor: 1.731],

Workshop Attended



Ms. Jagrati Kulshrestha

Ms. Jagrati Kulshrestha, Assistant Professor attended two days workshop on "Certification Programme on Cloud Computing" at NIESBUD, Noida from 22-23 April 2017.



Mr. Juginder Pal Singh



Mr. Vivek Sharma



Mr. Shashi Shekhar



Mr. Himanshu Sharma



Mr. Pushp Maheshwari



Mr. Akash Yadav

Mr. Juginder Pal Singh, Mr. Vivek Sharma & Mr. Pushp Maheshwari, Assistant Professor attended three days short term course on “Spectrum Sensing for MIMO–OFDM Cognitive Radio Systems” organized by Indian Institute of Technology (IIT) – Kanpur, U. P. from 21 – 23 April 2017.

Mr. Shashi Shekhar, Mr. Himanshu Sharma & Mr. Akash Yadav, Assistant Professor attended three days workshop titled, “Workshop on Technical Report Writing & Authoring of Research Manuscripts with LaTeX” organized by Malviya National Institute of Technology (MNIT) – Jaipur, Rajasthan from 14 – 16 April 2017.



Mr. Ankur Chaturvedi



Mr. Pawan Kumar Verma

Mr. Ankur Chaturvedi and Mr. Pawan Kumar Verma attended two days workshop titled, “Workshop on Big Data Research and Innovation” organized by International Institute of Information Technology (IIIT) – Bangalore, Karnataka from 18 – 19 April 2017.



Mr. Praveen Mittal

Mr. Praveen Mittal, Assistant Professor attended six days workshop on "QIP Short Term Course on Fuzzy Logic with Applications" at IIT (BHU), Varanasi from 20 – 25 March 2017.



Mr. Mayank Srivastava



Mr. N. M. Sharma



Mr. Surya Kant Singh



Ms. Shalini Agarwal



Mr. Sandeep Rathor

Mr. Surya Kant Singh, Ms. Shalini Agarwal, Assistant Professor attended five days workshop on "Biomedical Image Analysis " under Global Initiative of Academic Networks(GIAN), MHRD Govt. of India held at IIT Roorkee from 09 – 13 January 2017.

Mr. Mayank Srivastava, Mr. Narendra Mohan Sharma & Mr. Sandeep Rathor, Assistant Professor attended two days workshop titled, "Workshop on Cyber Security Threats & Forensics (WCSTF – 2017)" organized by Maulana Azad National Institute of Technology (MANIT) – Bhopal, M.P. from 23 – 24 March 2017.



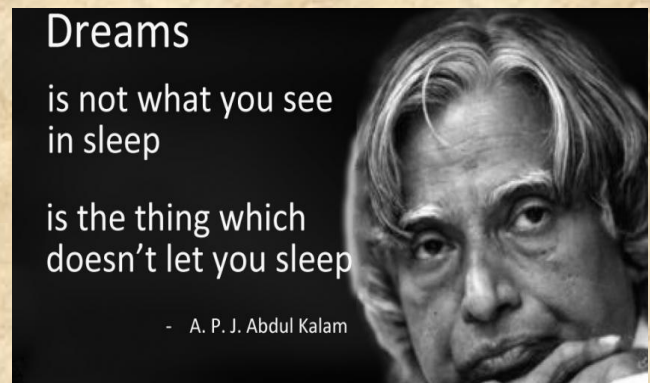
Mr. Rajesh Kumar Tripathi

Mr. Rajesh Kumar Tripathi, Assistant Professor attended ten days workshop on "Multimodal and Advanced Biometrics Authentication" Under Global Initiative of Academic Networks (GIAN), MHRD Govt. of India held at MNIT, Jaipur from 02 – 11 January 2017



Mr. Subhash Chandra Agrawal

Mr. Subhash Chandra Agrawal, Assistant Professor attended six days workshop titled, "First IAPR Summer School on Document Analysis: Document Informatics" organized by Birla Institute of Scientific Research, Jaipur, Rajasthan in collaboration of IIIT Hyderabad & IAPR (International Association of Pattern Recognition) from 23 – 28 January 2017.



Guest Lecture Organized



Dr. Fakhru Hazman Yusoff with CEA's faculty members and participants

Information Retrieval and Data Mining Research Group of CEA department organized a seminar on topic, 'Potential Use of Gamification in Education' delivered by Dr. Fakhru Hazman Yusoff, Sr. Lecturer, Universiti Teknologi Mara (UiTM), Malaysia on March 21, 2017. The convener of this seminar was Prof. Dilip Kumar Sharma.

Faculty Achievements



Mr. Akash Yadav

Mr. Akash Yadav, Assistant Professor successfully completed online course on Programming, Data Structures and Algorithm using Python with a consolidated score of 90%, organized by NPTEL – IIT Madras in partnership with NASSCOM, during Jan – Mar 2017.

Mr. Akash Yadav, Assistant Professor also successfully completed another online course on Design and Analysis of Algorithms with a

consolidated score of 80%, organized by NPTEL – IIT Madras in partnership with NASSCOM, during Jan – Mar 2017.



Ms. Sanjana Basak

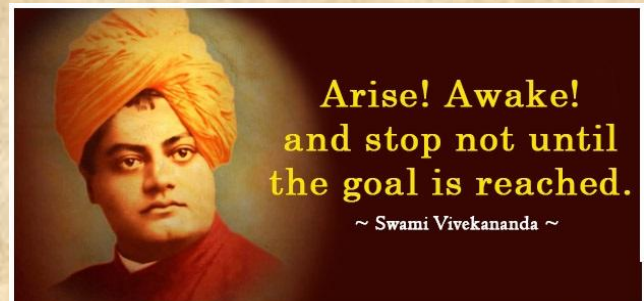
Ms. Sanjana Basak, Assistant Professor has been awarded with M.Tech. – IT degree from National Institute of Technology (NIT) – Durgapur, W.B. She is also awarded with Gold Medal on holding First Rank on 16th March 2017 in her convocation.

New Role & Responsibilities



Mr. Saurabh Anand

Mr. Saurabh Anand, Assistant Professor is appointed as Programme Coordinator for MCA. He is monitoring academic and administrative activities related to MCA programme.



Student's Achievement



Rahul Singh Chahar



Prakhar Bansal



Mr. Nikhil Govil

Rahul Singh Chahar*, Prakhar Bansal, Nikhil Govil, 'Movie Review Rating Based on Sentiments Analysis', National Conference on Advances in Mathematics & Computing (AMC-2017), YMCA University of Science and Technology, Faridabad, Haryana, 1-2 May, 2017.



Mohit Agarwal



Rishabh Jain



Sunny Arora



Vanshaj Bhatia

Mohit Agarwal, Rishabh Jain, Sunny Arora and Vanshaj Bhatia, students of B.Tech. (CSE) third

year have successfully completed "Oracle Certified Associate, Java SE 8 Programmer" certification in April 2017.



Akash Dixit



Shreya Garg



Akanksha Upadhyay



Dr. Pooja Pathak

Akash Dixit*, Shreya Garg, Akanksha Upadhyay, Dr. Pooja Pathak, 'Book Recommendation Using Opinion Mining', HBTI Kanpur, U. P., 25 – 26 March, 2017.

* Corresponding author



Purvi Singhal



Sanjana Soni



Rahul Bansal



Rahul Ranjan



Aakash Garg



Mohit Kuamr

Rahul Bansal & Purvi Singhal, B.Tech. (CSE) IIIrd Year have developed a new app named SEED (Student's Employability Enhancement Design) and Sanjana Soni, Rahul Ranjan, Mohit Kumar & Aakash Garg B.Tech. (CSE) IIIrd Year have developed & designed a website as 'seedportal.in'. This app & website is very helpful to prepare for placement oriented activities which include all such subject' study material, question answer & quizzes which are frequently asked by several MNCs while campus drive.

Farewell Function



Students during Farewell Function.

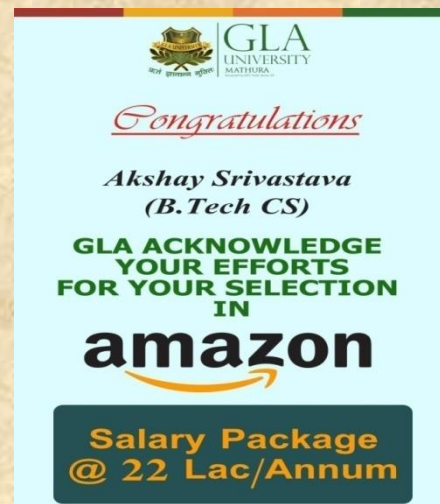
The pre final year students of BCA, B.Tech. & M.Tech. gave grand farewell to their seniors. The juniors extended their hearty congratulations and wish them a great future ahead. The individual functions began by lightening lamps and garlanding the portraits of Maa Saraswati and source of inspiration Lt. Shri Ganeshi Lal Agrawal Ji by Prof. Anand Singh Jalal HoD-CEA, Prof. Ashish Sharma, Prof. Charul

Bhatnagar, and Prof. Dilip Kumar Sharma. A number of pre final year students presented many attractive programmes.

Placements @ CEA

Taking the flag of GLA University, Mathura even on higher platform, the department of CEA's final year students got placed in reputed firms. All the placed students of B.Tech., BCA & MCA underwent a rigorous selection process which included a written test and personal interview.


Including higher package of **22 Lac / Annum** for B.Tech. (CSE) student named Akshay Srivastava in Amazon, approximately 50 students of BCA got placement on lucrative salary packages. Whereas approximately 85% students of MCA got placed in various IT sectors. While more than 85% students are placed from B.Tech. (CSE). These students are placed in Infosys, Tech Mahindra, NIIT Technologies, TCS etc. On this joyous occasion, Treasurer and Secretary-Society Shri Neeraj Agrawal congratulated all those who were selected in the campus drive and reiterated the commitment of the university towards ensuring a bright future for all those who take admission in the University, whichever course they are studying in.



Upcoming Event

Department of CEA is organizing the 4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON 2017), India during 26 – 28 October, 2017. All accepted & presented papers of the Conference by duly registered authors, will be submitted to IEEE Xplore Digital Library for Publication.

Announcements



GLA

UNIVERSITY
MATHURA

Recognized by UGC Under Section 2B

ADMISSION OPEN 2017

Accredited with 'A' Grade by NAAC

M Tech


COMPUTER SCIENCE & ENGINEERING


Eligibility: Min. 60% marks in B.Tech. in relevant branch or 60% in MCA
Admission Process: On the basis of performance in GLAET (an online MCQ test) & preference will be given to high scorers of GATE

<p>RESEARCH AREAS:</p> <ul style="list-style-type: none"> • Image & Video Processing • Intelligent Systems • Computer Network • Big Data Analytics • Software Engineering • Computer Vision • Distributed Systems • Information Retrieval • Information Security 	<p>KEY FEATURES OF THE PROGRAMME</p> <ul style="list-style-type: none"> • Comprehensive and industry oriented curriculum for strong in depth domain knowledge. • State-of-the-art infrastructure and advanced research labs. • Blended learning • Hands on exposure by renowned National/ International academicians and leading corporate house. • Placement assistance by strong industry network.
--	--


SCHOLARSHIPS


For GATE Qualified Candidates: ₹ 1,33,000/-p.a.
 For All Other Candidates: ₹ 1,05,000/-p.a.


 +91-8937099911, 7251813111

 Apply Online: www.gla.ac.in

Campus: 17 KM Stone, NH#2, Mathura - Delhi Road, P.O.: Chaumuhan, Mathura - 281 406 (U.P.), INDIA
 Phone: +91-5662-250900, 909

 E-Mail: admission@gla.ac.in

 www.facebook.com/glauniv/




GLA

UNIVERSITY
MATHURA

Recognized by UGC Under Section 2B

Accredited with 'A' Grade by NAAC

ADMISSION OPEN 2017



GLA University is accredited with Grade 'A' by NAAC

Call: +91-8937099911 Visit us at: www.gla.ac.in

Contact Us

Department of CEA,
 Academic Block – 1, IET, GLA University,
 17km Stone, NH-2, Mathura-Delhi Road,
 P.O. Chaumuhan, Mathura-281 406 (U.P.) India.
 Tel.: +91-5662-250900, 250909, +91-8171568270
 Fax : +91-5662-241687
 Website : www.gla.ac.in

Editor :

Mr. Nikhil Govil
 Assistant Professor, Dept. of CEA
nikhil.govil@gla.ac.in

Student Co-ordinator :

Mr. Utkarsh Sehgal
 BTech (CSE) IIIrd Year