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MATHURA
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Department of CEA Presents...

Vol. 1, Issue 2, August 2017

ping 

(A Bimonthly e-Newsletter)

Ping : A Bimonthly e – Newsletter

Ping does not just represent a utility to determine whether a specific IP address is accessible; it is also a medium of communication & being informative for us in terms of this e – Newsletter.

Since the day, when CEA department was established, we ardently wanted to document the untold experiences that we gathered in our engagement with each other and the outside this world. This e – Newsletter comes as a milestone towards documenting our experiences. It further serves as a helpful resource in continually interacting with our alumni. It provides a platform to acknowledge the colossal and sundry areas in which our students and faculty have marked their presence.

Let’s enjoy the second issue of *Ping: A Bimonthly e – Newsletter...*















HoD's Message



I welcome all the new students, faculty and staff who have joined Department of Computer Engineering & Applications in this semester. It gives me great opportunity to present the second issue of "ping". This e-newsletter is one of the ways in which we can disseminate information about the life of the department. The last couple of months were full of various activities by the students and faculty in academic, co-curricular, extra-curricular as well as in research & developments. I hope this semester will also bring opportunities for our students to excel in their studies. Our faculty and staff will leave no stone unturned to utilize their talents for further improvement of the department. I would also like to congratulate the entire editorial team for their solidarity in bringing out next edition of ping.

Prof. Anand Singh Jalal

From the Chief Editor's Desk



Hello Readers,
It is indeed a pleasure to introduce to you the second issue of the Department

of CEA's bimonthly e-Newsletter; "Ping". This edition includes messages, reports, and happenings together with events organized or to be organized at the Department. I seize this opportunity to thank all those who have submitted their contributions for this Issue. The assistance of the student editors as well as the efforts put in by the team is highly appreciated. Please feel free to provide your feedback and send pertinent information with photos for inclusion in our forthcoming issues.

Nikhil Govil

Newsletter Released



Shri Neeraj Agrawal, Treasurer & Secretary Society, GLA University, Mathura launched the first Issue of "ping".

The first ever Issue of "ping" was officially launched by Shri Neeraj Agrawal, Treasurer & Secretary Society, GLA University, Mathura. On releasing the first Issue, Registrar, Head of various departments, editorial team of "ping" & other dignitaries were presented to grace the occasion.

Establishment of IEDC Cell

It is a matter of pride and honor that GLA University, Mathura is selected to establish NewGen IEDC (Innovation and Entrepreneurship Development Centre) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India, New Delhi.



NewGen IEDC's Objectives

The objective of this cell is to promote knowledge based and technology-driven startups by harnessing young minds and their innovation potential in an academic environment.

Under the flagship of IEDC, students of second, pre-final and final year are eligible to develop their projects. For this Prototype Development, NSTEDB will provide limited onetime non-recurring financial assistance, up to a maximum of Rs. 25.00 Lacs. Currently three projects have been started in the CEA department under the banner of IEDC.

Summer Training



In-house Summer Training – PROJECTOR

Department of CEA organized in-house summer training, "PROJECTOR" on latest technologies. The objectives of PROJECTOR were training students with cutting edge technology, software

development for local schools/colleges and businesses, helping students to convert their innovative ideas into real implementations, fetching of live projects from the IT companies for development at GLA University, Mathura.

For this training, total 35 students were shortlisted on the basis of personal interview and their CGPI. The mentor for PROJECTOR was Mr. Piyush Khandelwal, Assistant Professor. Major attraction of PROJECTOR was live sessions on Android Automation Testing with APPIUM by Mr. Ujjal, Sr. Quality Assurance Engineer, PayU Payments. By the end of session, students gone through the latest technologies of IT world and worked on live projects from the industry.

Interaction with IBM officials



IBM Officials interacting with students

Department of CEA has started two new B.Tech. Programmes under collaboration with IBM as -

- B.Tech. (CSE) with Specialization in Data Analytics and
- B.Tech. (CSE) with Specialization in Cloud Computing & Virtualization.

As per part of curriculum, IBM officials met with students and faculty members. They discussed the forthcoming activities to be followed by department and IBM jointly.

Inauguration of DATUM

The Data Science Club – DATUM was inaugurated in the department with an objective to spread awareness among students regarding the growing field of Data Analytics and career prospects in Data Science. Datum also aims at educating club members with hands-on experience on this growing technology.

The Club was officially launched by Mr. Vivek Kumar, Assistant Professor. He discussed the current scenario & future scope of Data Science.



Inauguration of DATUM

Mr. Piyush Khandelwal, Assistant Professor announced official launch of ABACUS event portal; through which any one can view the forthcoming event(s) and register themselves. The certificates of participants can be downloaded from this portal as well.

Mr. Ashutosh Shankhdhar, Assistant Professor addressed the members & informed to members that several workshops, seminars, guest lectures, events will be organized in near future on regular basis, so that students can develop their projects efficiently by applying data science tools. .

On this inauguration event more than 50 students of CEA were present.

Research Publications



Mr. Nikhil Govil



Mr. Saurabh Anand

Mr. Nikhil Govil and Mr. Saurabh Anand, Assistant Professor; have presented and published a research paper entitled, “Empirical Role of Gamification in IoT Provinces”, in the proceedings of International Conference on Advances in Internet of Things and Connected Technologies (ICIOTCT 2017) held at Malviya National Institute of Technology (MNIT), Jaipur, Rajasthan, 26 – 27 May’2017.



Mr. Sandeep Kumar Rathore

Mr. Sandeep Kumar Rathore, Assistant Professor; has presented and published a research paper entitled, “Text Independent Speaker Recognition using Wavelet Cepstral Coefficient and Butter Worth Filter”, in the proceedings of 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at IIT Delhi, 03–05 July’2017.



Mr. Juginder Pal Singh



Dr. Manas Kr. Mishra



Mohd. Aamir Khan

Mr. Juginder Pal Singh, Assistant Professor, Dr. Manas Kumar Mishra, Associate Professor & Mohd. Aamir Khan, Research Scholar; have presented and published a research paper entitled, "Energy – Efficient Approach Towards Video – based Sensor Networks (Wireless) beneath Barrier Coverage", in the proceedings of 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at IIT Delhi, 03–05 July'2017.



Ms. Shalini Agarwal



Mr. Pawan Kr. Verma



Mohd. Aamir Khan

Ms. Shalini Agarwal, Mr. Pawan Kumar Verma, Assistant Professor and Mohd. Aamir Khan, Research Scholar; have presented and published a research paper entitled, "An Optimized Palm Print Recognition Approach using Gabor Filter", in the proceedings of 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at IIT Delhi, 03–05 July'2017.

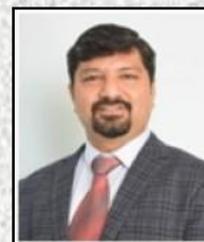
Mr. Pawan Kumar Verma, Ms. Shalini Agarwal, Assistant Professor and Mohd. Aamir Khan, Research Scholar; have presented and published a research paper entitled, "Opinion Mining considering Roman Words using Jaccard Similarity Algorithm based on Clustering", in the proceedings of 8th International Conference on Computing, Communication and Networking Technologies (ICCCNT), held at IIT Delhi, 03–05 July'2017.



Mr. Subhash Chand Agrawal



Mr. Rajesh Kr Tripathi



Prof. Anand Singh Jalal

Mr. Subhash Chand Agrawal, Mr. Rajesh Kumar Tripathi, Assistant Professor and Dr. Anand Singh Jalal, Professor; have presented and published a research paper entitled, "Human Fall Detection from Video Surveillance," in the proceedings of 8th International Conference on Computing, Communication and Networking

Technologies (ICCCNT), held at IIT Delhi, 03-05 July'2017.



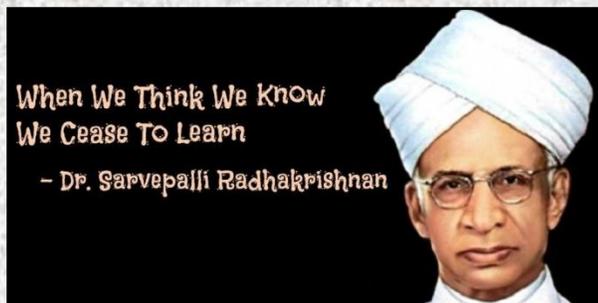
Mr. Utkarsh Sharma

Mr. Utkarsh Sharma, Assistant Professor; has written a chapter named "Featured Analysis of Enterprise Service Bus" in book entitled Exploring Enterprise Service Bus in the Service-Oriented Architecture Paradigm, IGI-Global (Scopus Indexed).



Ms. Poonam Fauzdar

Ms. Poonam Fauzdar, Assistant Professor; has written a chapter named "Computed Tomography Brain Images Semantic Segmentation" in book entitled "Handbook of Research on Advanced Concepts in Real-Time Image and Video Processing", IGI-Global. DOI: 10.4018/978-1-5225-2848-7.ch004



Workshop Attended



Mr. Nitin Tyagi



Mr. K. G. Sharma



Mr. Neeraj Gupta



Mr. Deepak Mangal

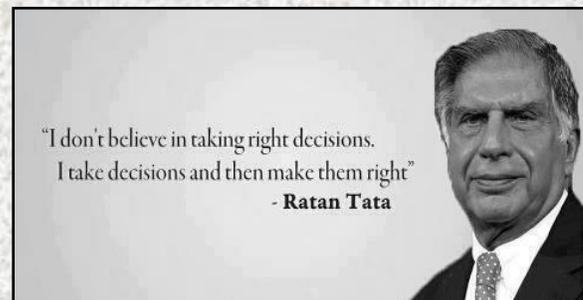


Mr. Rakesh Kumar Galav



Mr. Nikhil Govil

Mr. Nitin Tyagi, Mr. K.G. Sharma, Mr. Neeraj Gupta, Mr. Deepak Mangal, Mr. Rakesh Kumar Galav & Mr. Nikhil Govil, Assistant Professor; attended One Week Self Financed Workshop on "Data Analytics and Machine Learning with R (DAMLR-2017)", organized by Department of Computer Science & Engineering, MNNIT Allahabad, U.P., India 29 May – 02 June'17.





Mr. Rishi Agrawal



Mr. Anuj Mangal

Data and Spark Developer” at IIM Bangalore, Karnataka from 15-16 June’2017.



Ms. Sanjana Basak

Ms. Sanjana Basak, Assistant Professor; attended a Two weeks course on “Fundamentals of Databases” at IIT Roorkee, Uttarakhand from 23 June – 03 July’2017. She obtained A+ grade in this course.



Mr. Asheesh Tiwari



Mr. Maneet Singh



Mr. Dharendra Prasad Yadav



Mr. Sharad Pratap Singh



Ms. Palak Makhija

Mr. Rishi Agrawal, Mr. Anuj Mangal, Mr. Asheesh Tiwari, Mr. Maneet Singh & Mr. Dharendra Prasad Yadav, Assistant Professor; attended a Short Term Course on “Information Security and Digital Forensics (ISDF)” at NSIT, New Delhi from 05 – 09 June’2017.

Mr. Sharad Pratap Singh & Ms. Palak Makhija, Assistant Professor; attended a ten days course on “Introduction to Data Structures and Programming in C” at MNIT Jaipur, Rajasthan from 01 – 10 July’2017.

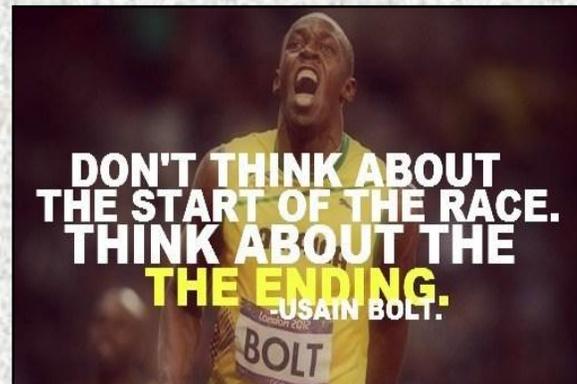


Mr. Saurabh Anand



Mr. Rahul Pradhan

Mr. Saurabh Anand & Mr. Rahul Pradhan, Assistant Professor; attended a workshop on "Big





Mr. Sachin Sharma



Mr. Gaurav Sharma

Mr. Sachin Sharma & Mr. Gaurav Sharma, Assistant Professor; attended a workshop on “National Instructional Workshop on Cryptography (NIWC-2017)” at Laxmi Niwas Mittal Institute of Information Technology, Jaipur, Rajasthan from 05 – 07 July 2017.



Mr. Sandeep Kumar Rathore



Mr. Maneet Singh



Mr. Pragyesh Kumar

Mr. Sandeep Kumar Rathore, Mr. Maneet Singh & Mr. Pragyesh Kumar, Assistant Professor; attended a workshop on "Soft Computing Techniques for Solving Engineering Problems (ASCTSEP)" at NSIT, New Delhi from 17-21 July'2017.

Faculty Achievements



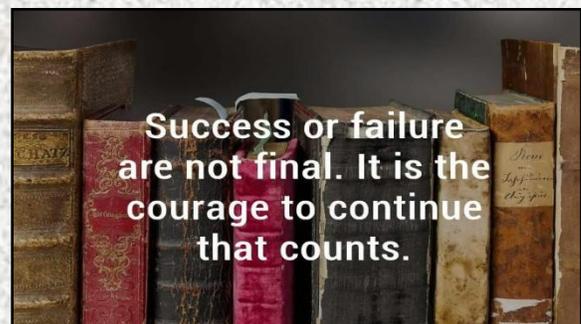
Dr. Manoj Kumar

Dr. Manoj Kumar, Associate Professor; has been awarded with Ph.D. (CSE) from GLA University, Mathura. The title of his research is “Detecting Multiple Moving Objects & Interpreting Their Motion Pattern In Crowded Environment” under supervision of Prof. Charul Bhatnagar.



Mr. Jitesh Kumar Bhatia

Mr. Jitesh Kumar Bhatia, Assistant Professor; successfully completed his M. Tech. (CSE) from GLA University, Mathura. The title of his thesis is “Pixel Based Hybrid Copy Move Image Forgery Detection Using Zernike Moments and Auto Color Correlogram” under the guidance of Prof. Anand Singh Jalal.





Mr. Utkarsh Sharma

Mr. Utkarsh Sharma, Assistant Professor; successfully completed online course on Programming in C++ with a consolidated score of 72%, organized by NPTEL – IIT Kharagpur in partnership with NASSCOM, during Feb – Apr 2017.

Faculty on Study Leave



Mr. Surya Kant Singh

Mr. Surya Kant Singh, Assistant Professor; is on study leave as he is pursuing PhD in Computer Science & Engineering from IIT BHU, Varanasi, U.P.

New Role & Responsibilities



Dr. Diwakar Bhardwaj

Dr. Diwakar Bhardwaj is promoted as Professor in the Department of CEA with effect from 01.8.2017.



Mr. Ajitesh Kumar

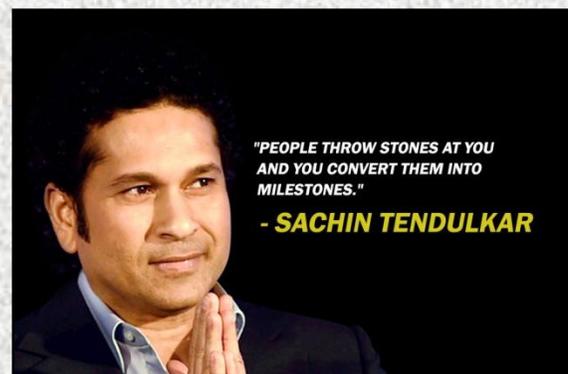
Mr. Ajitesh Kumar, Assistant Professor; is appointed as Proctor In-charge for CEA Department with effect from 01.8.2017.

Alumni's Achievement

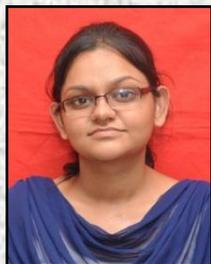


Tejasvi Sharma

Tejasvi Sharma, BTech (CSE) 2012 – 2016 batch passed out, got admission in the MS – Data Science from The George Washington University, Virginia, USA. He has cleared GRE & TOEFL exams with securing 315 and 100 marks respectively. He also got scholarship of \$28000 to pursue his MS.



Students' Achievement



Purvi Singhal



Rahul Bansal

Purvi Singhal & Rahul Bansal, B.Tech. (CSE) IVth Year students; have developed a new app named GLAD, with many interesting features to associate its users with the GLA fraternity. This application connects a newbie with GLA family. GLADs give a discount to its users when he/she pays the fee of the respective course. The newbie can communicate with the respective Admin directly and can clarify his / her doubts regarding admission procedure of GLA. Though this application, the user can view the achievements of GLA, its recruiters and can also ask other queries related to GLA. One can also get the news related to GLA in the form of text, image or even in audio form.



GLAD Application



Deepak Singh

Deepak Singh, B.Tech. (CSE) IVth Year student; has developed a new extension for Google Chrome browser name "Chromassist: Your Personal Assistant". With the help of this extension, better features with new themes can be accessible on your computer.



Home page of Chromassist

In this extension, user can control the web browser with his/her voice as well. Moreover to execute the commands, user can set his/her own trigger, which is a unique feature. Along with that, many wallpapers are also available in this extension, so that user can change the background of browser as per choice & mood. Chromassist is going popular among university day by day.



Fresher's Party

A fresher's party for newly admitted students of the department such as BTech, BCA & MCA was organized by their senior fellows.



Glimpses of Fresher's Party

Program was initiated with Sri Ganesh vandana. After that so many entertaining performances like singing, dancing, poetry, skit etc. were performed by BTech, BCA & MCA students.

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.



For more information kindly visit:

<http://www.gla.ac.in/upcon2017>

New Comers in the Department



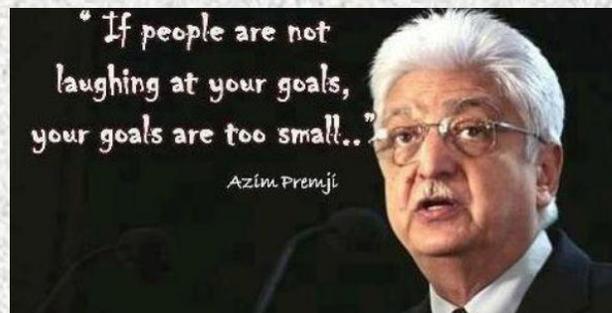
Dr. Aparna Tripathi

Dr. Aparna Tripathi has joined the department as Assistant Professor. She has done her PhD from MNNIT, Allahabad in 2015 & MTech from Banasthali University, Rajasthan in 2009. She has more than thirteen years of teaching & research experience in computer science & engineering domain.



Mr. Akhilesh Kumar Singh

Mr. Akhilesh Kumar Singh has joined the department as Assistant Professor. He has done his MTech from IIT Bombay in 2010. He has more than five years of teaching experience in computer science & engineering domain.





Ms. Aikta Arya

Ms. Aikta Arya has joined the department as Assistant Professor. She has done her MTech with Gold Medal from NIT Kurukshetra in 2017 & BTech from UPTU, Lucknow in 2013.



Ms. Ambika Gupta

Ms. Ambika Gupta has joined the department as Assistant Professor. She is pursuing PhD from Utrakhand Technical University, Dehradun. She has done her MTech from Banasthali University, Jaipur, Rajasthan in 2014. She has more than four years of teaching experience in computer science & engineering domain.



Mr. Amit Chaurasia

Mr. Amit Chaurasia has joined the department as Assistant Professor. He is pursuing his PhD from JUIT, Wagnaghat. He has done his MTech from Dayalbagh Educational Institute, Agra in 2012.

He has more than five years of teaching & research experience in computer science & engineering domain.



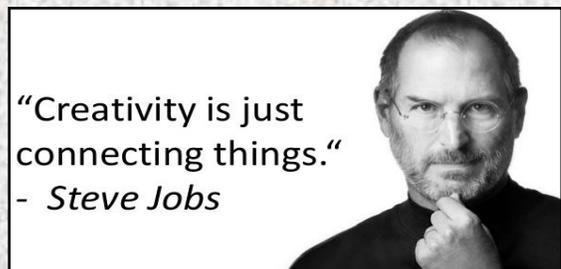
Ms. Anshu Chaudhary

Ms. Anshu Chaudhary has joined the department as Assistant Professor. She has done her MTech from Dayalbagh Educational Institute, Agra in 2017 & BTech from IMS Engineering College, Ghaziabad in 2015.



Mr. Ghanshyam Raghuwanshi

Mr. Ghanshyam Raghuwanshi has joined the department as Assistant Professor. He is pursuing his PhD from JUET, Guna. He has done his MTech from RGPV, Bhopal in 2011. He has more than six years of teaching & research experience in computer science & engineering domain.





Mr. Palash Jain

Mr. Palash Jain has joined the department as Assistant Professor. He has done his MTech from ABV – IITM, Gwalior in 2017. He has six months industry experience in Samsung R&D, New Delhi.



Mr. Praveen Modi

Mr. Praveen Modi has joined the department as Assistant Professor. He has done his MTech from ABV – IITM, Gwalior in 2017. He has more than one year teaching experience in computer science & engineering domain.



Ms. Rekha Rani

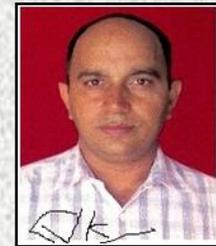
Ms. Rekha Rani has joined the department as Assistant Professor. She has done her MTech from ABES Engineering College, Ghaziabad in 2012. She has more than seven years of teaching

experience in computer science & engineering domain.



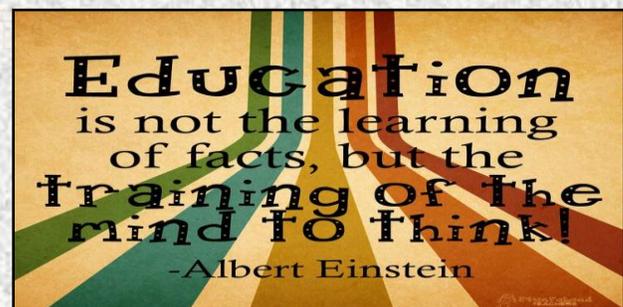
Ms. Renu Verma

Ms. Renu Verma has joined the department as Assistant Professor. She has done her MTech from Banasthali University, Rajasthan in 2009. She has more than nine years of teaching experience in computer science & engineering domain.



Mr. Vinesh Kumar

Mr. Vinesh Kumar has joined the department as Assistant Professor. He is pursuing his PhD from Swami Vivekanand Subharti University, Meerut. He has done his MTech from UPTU, Lucknow in 2010. He has more than twelve years of teaching & research experience in computer science & engineering domain.



Editorial Team



Siddhant Agarwal
MTech (CSE) Ist Year



Kaushalesh Varshney
MCA IInd Year



Aman Saraswat
BTech (CSE) 3rd Year



Bishal Gupta
BTech (CSE) 3rd Year



Sonu Chaudhary
BTech (CSE) 3rd Year



Amarjeet Pachauri
BCA 3rd Year



Nitin Tomar
BCA 3rd Year

Our Recruiters

Our Recruiters

Contact Us



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