

## Newsletter

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This newsletter is edited and published by Department of Computer Applications

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## CSI Convention @ CA

A two-day CSI Punjab State Student Convention was hosted on March 3-4, 2017 by the Department of Computer Applications, under the aegis of Computer Society of India, Chandigarh Chapter. The primary theme of the convention was Digital Connectivity & Social Impact. The convention comprised of following events:

- ◆ Workshop on Application Development Using Python and QT Designer
- ◆ Workshop on Cognition of Network Protocols and Security
- ◆ Workshop on Rapid Web Applications Development using Content Management System (Wordpress)
- ◆ Workshop on Internet of Things (IoT)
- ◆ Prashnotri (Technical Quiz)
- ◆ CODEX (Coding Event using C++)
- ◆ Poster Presentation (Digital Connectivity & Social Impact)
- ◆ Gameeks (NFS and FIFA)



Dr. Madhu Chitkara, Vice Chancellor, Chitkara University, Punjab, graced the occasion with her presence at the inauguration of the CSI Punjab State Student Convention, and applauded the efforts of faculty and students of Department of Computer Applications for organizing the event. Senior dignitaries from the Computer Society of India also attended the inauguration ceremony. Mr. Shiv Kumar, Regional Vice President, Region-I, CSI, was the chief guest on the opening day. Mr. D. S. Chhabra (President, CSI Chandigarh Chapter), Mr. D.N Mishra (Ex-Vice President, CSI Chandigarh Chapter) also attended the convention and appreciated the efforts of Chitkara University in taking forward the legacy of CSI. Mr. Maninder Singh (CSI State Student Coordinator, Punjab) delivered an absorbing keynote address.

The convention received overwhelming response from the students of various colleges of the Punjab State, with about 170 entries in total, of which 72 entries were from other institutions. The convention provided a chance to one of our alumni Mr. Varun Sharma, CEO, Tech Labs, to come back to his alma mater to conduct a workshop as lead resource person on Rapid Web Application Development using Wordpress.



All workshops received a very good response by the participants, who gave a positive feedback for the same. The participants expressed desire to have more of such workshops to be conducted in future by Chitkara University. Other events also received huge response, with students competing with each other to attain the winning position.

Mr. Saurabh Agrawal, Regional Student Coordinator, Region-I, CSI visited the Chitkara University campus on the second day. He visited the sites of events and interacted with the students of various colleges. He expressed satisfaction over the conduct of the convention, and suggested that such events can be conducted at regional level in future with students participating from educational institutions from various states of Northern India. He also assured of all support from the CSI for organizing regional-level convention.

Mr. Saurabh Agrawal also delivered the valedictory speech at the concluding session of the student convention, wherein he applauded the efforts put-in by the Department of Computer Applications, Chitkara University, Punjab, for hosting the student convention. Mr. Agrawal also honored the winners of various competitions. The convention concluded with a vote of thanks by Mr. Preetinder Singh Brar, Program Incharge, Department of Computer Applications.



## Excuberanza @ CA

Excuberanza 2017 – a literary event comprising of three competitions was organized on 24<sup>th</sup> January 2017 by the Department of Computer Applications, School of Computer Sciences, Chitkara University, Punjab. The three events organized under the banner of Excuberanza-2017 were :

- ◆ Multimedia presentation competition
- ◆ Poster-making competition
- ◆ Quiz on General Knowledge

The theme for multimedia presentations and poster-making competitions were Demonetization and Defense Forces. All participating teams put in hard labor to prepare the presentations and were able to showcase not only their mastery preparing multimedia presentations, but they also depicted effectively the perceived outcomes of Banning /taking back of a currency unit of its status as legal tender announced by Sh. Narendra Modi. A few presentations depicted the positive changes ushered in the economy while some presentations depicted the other side of the coin through pictures, and relevant data. Ankit (BCA-MCA (I) – 2) and Abhinav & Avikunj (BCA-2) were awarded the first prize in multimedia presentation competition. The entries in poster-making competition also received appreciation by the judges and other guests.



The competitors tickled their grey cells and came up with their own unique picture to depict one of the two themes in an impressive manner. Vinay (MCA-2) was awarded the first prize in poster-making competition.

The third activity – Quiz on General Knowledge – received overwhelming response with 28 teams registering for the same. The quiz comprised of multiple rounds, with each round seeing the elimination of some teams. The Quiz was won by the team from MCA-2 comprising Amit and Arun.

Dr. Jaiteg Singh (Professor, CURIN), Mr. Preetinder Singh Brar (Associate Professor, Department of Computer Applications), and Mr. Vikas Rattan (Associate Professor, Department of Computer Applications) and Mr. Jaswinder Singh (Assistant Professor, Department of Computer Applications) presided over the event as judges. The effort of the participants was lauded by the guests from various departments of the campus. Mr. Vikram Mangla, Dy. Dean, School of Computer Applications gave away the prizes to the winning teams. He congratulated the winners and also appreciated other participants for the time and effort put in by them for preparing the presentations.



## Coding Event

Inorder to hone the debugging and programming skills of students of BCA/BCA-MCA-Integrated semester II and IV, a coding event was organized on 21<sup>st</sup> April 2017 by the Department of Computer Applications, School of Computer Sciences, Chitkara University, Punjab. The event comprised of two rounds — one screening round of multiple choice questions and other round of coding.

A good count of students participated from both the semesters of BCA and they tickled their grey cells, putting in hard labour to develop the logic of the problems given to them.

A team comprising of Anushka (BCA-Networking-2Y) and Ritika (BCA-2Y) were awarded the first prize and Mitali (BCA-2X) and Chirag (BCA-2X) were awarded the second prize in **Coding using C Language**.



Ishan Pradhan (BCA-4Y) was awarded the first prize and Vijay Singh Gahlot (BCA-4X) was awarded the second prize in **Coding using CSS and JQuery**.

Mr. Vikram Mangla, Dy. Dean, School of Computer Sciences gave away the prizes to the winning teams. He congratulated the winners and also appreciated other participants for the time and effort put in by them.

## Health through Bhagwad Gita

As they say, **'key to a healthy life is a healthy mind'**

To fulfill this, an expert lecture on **Health through Bhagwad Gita** was organized by Department of Computer Applications for students of BCA on February 15, 2017.

Dr. Baladeva Paramanand Das from International Society for Krishna Consciousness (ISKCON) interacted with the students wherein he stressed upon the need for inculcating the trait of selfless service. Being a trained surgeon and having completed M.B.B.S. and M.S. in general surgery, Dr. Baladeva, in his talk, also compared the holy Bhagwad Gita with modern day medical science.



He emphasized that the ancient Indian scriptures contain all remedies to various ailments, and that too in a natural manner. He suggested that one can lead and maintain a healthy lifestyle if one follows the teachings of Bhagwad Gita. He went on to suggest how higher level of intelligence can be attained through the teachings of ancient Indian scriptures such as the Vedas and the Bhagwad Gita. The students were deeply motivated and they posed an array of questions on the topic, which were duly replied to by Dr. Baladeva.

# Faculty Achievements @ CA

## *Expert talk on Cloud computing & IOT*

Mr. Rajesh Kaushal and Mr. Naveen Sharma from Department of Computer Applications, delivered two day expert lecture on Short Term Course on Cloud Computing and Internet of Things sponsored by TEQIP II and organized by Department of Computer Science and Engineering, UIET, Kurukshetra University on 15<sup>th</sup> and 16<sup>th</sup> March 2017



## *Certifications done by CA Faculty*

- ◆ Mr. Rajesh Kaushal, Ms. Nishu Bali and Mr. Jatinder Ashtha, attained Oracle Java certification to become oracle-certified-associate-java-se-7-programmers.
- ◆ Mr. Ravinder Singh, attained CCNA (CISCO Certified Network Associate) certification in Routing and Switching

## *Research & Publication @ CA*

- ◆ Kaur Amandeep, Soni Rachna. Web Service Discovery- An Introductory Review presented in proceedings of National Seminar on Role of Computer Science and Mathematics in real world Feb 2017.
- ◆ Kaur Amandeep, Soni Rachna. Protocol Performance Comparison in Web Service Discovery-A Review presented in proceedings of International Conference on Computing for Sustainable Global Development sponsored by IEEE March, 2017.
- ◆ Chaudhary Deepika, Singh Jaiteg, Kothari D.P. A Hybrid DL and RL Based Reasoner for Optimum Entailments in Ontologies. in proceeding of Chitkara University Doctoral Consortium May 2017.
- ◆ Kaushal Rajesh, Panda S.N. Evolution of Distance Learning, Its Theories and Constructs. in proceeding of Chitkara University Doctoral Consortium May 2017.
- ◆ Sharma Naveen, Panda S.N. Hybrid approach for automatic drug dispensing and control. in proceeding of Chitkara University Doctoral Consortium May 2017.
- ◆ Baggan Vidhu, Singh Ravinder, Panda S.N. Network Path Restoration Mechanism for Routers in proceeding of Chitkara University Doctoral Consortium May 2017.

## Faculty Honored on Chancellor Day

In order to honor the faculty, Chitkara University announced the First edition of Teachers' Excellence awards on Chancellor's Day held on 29<sup>th</sup> April 2017. The objective of this perception survey was to acknowledge and appreciate those members of Chitkara University team, who are perceived to be excellent by their peer group members.



Ms. Deepika Chaudhary, Associate professor, Department of Computer Applications was awarded as the Most Committed Faculty

Mr. Rajesh Kaushal, Associate Professor, Department of Computer Applications, was awarded as the Most Innovative Faculty.



Both the faculty members were felicitated by Hon'ble Chancellor, Dr. Ashok Chikara, Chancellor, Chitkara University and Dr. Madhu Chitkara, Vice Chancellor, Chitkara University.

## Selenium Workshop by CA Alumni

Computer Society of India (CSI) under the aegis of Department of Computer Applications, organized an expert talk on **Selenium Webdriver** on 12th April 2017 for MCA students. Mr. Harpreet, one of our Alumni of MCA, from Bebo Technologies, Chandigarh, took practical session on the same. The participants got an opportunity to perform hands-on installation of various automation testing tools, using firebug and firepath add-ons. The participants also got basic start-up lessons on writing scripts for automation testing using Selenium Webdriver. The session was well enjoyed by the students.



## CSI Foundation Day Celebrated



CSI Chandigarh Chapter celebrated their Foundation Day on March 11, 2017 at IETE, Chandigarh. As a part of celebrations, CSI organized Multimedia Presentation contest on the topic "**Cashless Transaction and security issues**" for the students from various colleges under CSI Chandigarh Chapter. Three teams from Department of Computer Applications, Chitkara University, Punjab, participated in the contest among which the team comprising of Ankita Sharma and Aayushi Tripathi for MCA won the first prize.





## Industrial Visit for Students

An industrial visit was organized by Department of Computer Applications, School of Computer Sciences, on January 28, 2017 to visit Solitare Infosys, Mohali. The visit was organized for the students of BCA 4th Semester.

Mr. Naveen Sharma, Mr. Jagwinder Singh from Department of Computer Applications accompanied the students for the visit.

The students were exposed to the working culture of the organization and were given sessions by the Resource persons from the industry itself.



Mr. Yogesh, one of the resource persons, gave session on “Scope of Java Programming”. In his talk, he gave emphasis on various applications of Java used in Industries.

Another Session on “Latest Trends and Technologies” was taken by Ms. Manisha. She enlightened the students about current IT trends, how to get placement, mantras for success and answered number of queries posed by the students. Students enjoyed the visit and gained new experience of the industry culture and trends.

## World Heritage Day Celebrated



Department of Computer Applications, Chitkara University, Punjab, commemorated World Heritage Day, wherein an educational tour to the Fatehgarh Sahib and Fateh Burj was organized by the Matrix Club on April 18, 2017.

A group of 60 students of BCA, accompanied by three teachers, Mr. Preetinder Brar, Mr. Vikas Rattan and Mr. Manjeet Singh visited Gurdwara Shri Fatehgarh Sahib and Fateh Burj as part of the said educational tour. The tour helped to sensitize the students about the rich heritage of the Sikh religion,

including the heroic acts, selfless deeds and poignant saga of the Sikhs. The tour proved fruitful in inducing respect for all religions amongst the students. The students also admired the magnificent architecture of Fateh Burj. All students and faculty members enjoyed the tour and carried back some good memories in the form of great experience that they had during the tour.



## *A BrainTeaser*

	6			1				2
	4		6	2		7		
			3		7		8	
	2			4		9		
		1				2		
		3		8			5	
	9		8		4			
		4		3	2		9	
2				7			4	

*Solution of  
last issue*

1	7	5	2	9	4	8	3	6
6	2	3	1	8	7	9	4	5
8	9	4	5	6	3	2	7	1
5	1	9	7	3	2	4	6	8
3	4	7	8	5	6	1	2	9
2	8	6	9	4	1	7	5	3
9	3	8	4	2	5	6	1	7
4	6	1	3	7	9	5	8	2
7	5	2	6	1	8	3	9	4

## *Editorial Section*

*This is the Fifth issue of our newsletter and we hope to get due feedback from our readers which can help us in improving our further issues.*

*"HAPPY READING"*

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