

Newsletter

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This newsletter is edited and published by Department of Computer Applications

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From Dean's Desk



At Chitkara University, our endeavour has always been to hone the skills of the learners. The Department of Computer Applications has been a pioneer in implementing new ideas that benefits its students & faculty. The various efforts come out in the shape of activities, events, publications, et al. It is prudent that all of those activities/events and laurels brought to the university by the efforts of students and faculty of Department of Computer Applications are documented and shared with the outer world.

Nouvelle Libération – A newsletter published by the Department of Computer Applications is one such platform where all efforts and achievements of the department are amalgamated. As the semester comes to a close, and our minds shift towards the holidays, it's good to look back and reflect on what we've achieved as a community this semester.

I appreciate the efforts of the team which has led to this mixture of visions and memories of the incredible and wonderful department. The richness and diversity of cultural highlights are always a pleasure to discover through amazing reportages. Each issue of the newsletter with its interesting and well prepared content will be a gift for those who love to explore.

I am confident that we are on the right path and that our efforts will further advance our core educational, research and service mission.

I find myself ending the year inspired and energized, and I hope you will be too as you read about what we have accomplished in the Department.

SplitsVilla– A Memorable Event @ CA

A cultural event, “SplitsVilla” was organized under the banner of Matrix Club by the Department of Computer Applications on 7th November 2017. Event showcased participant’s zeal to work as a group to achieve something. Teams took part in various competitive tasks which included Questionnaire Round (Compatibility Check), Walk on Track, Treasure Hunt and Beat the clock.

A good number of students took part in the event and contributed to its success. The event filled the environment with enthusiasm and excitement. Compatibility Check Questionnaire Round was the most enjoyed and hilarious round in which each team member had to answer questions to judge the likes and dislikes of their respective partners.



Around 27 teams qualified for the second round.

Finally, team comprising of Nimit and Sakshi, CSE 5th Semester managed to overcome all the hurdles and won the event in a grand style..

Lt Col Rakesh Sharma (Retd) (Associate Director, Admin), Mr. Vikram Mangla (Dy. Dean, Department of Computer Applications), Mr. Preetinder Singh Brar (Associate Professor, Program Incharge, Department of Computer Applications), Mr. Mohit Garg (Assistant Professor, Department of Computer Applications), Mr. Ravinder Singh (Assistant Professor, Department of Computer Applications) and Mr. Jatinder Ashta (Assistant Professor, Department of Computer Applications) presided over the event to give away the prizes to the winning team.

They congratulated the winners and also appreciated other participants for the time and effort put in by them for making the event successful.

Expert talk-Latest Trends in IT Industry



Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, organized an Expert Talk on *Latest Trends in IT Industry* on July 31, 2017.



Mr. Gurmeet Singh Chaddha, Tech. Lead, Appmobi IT Service Pvt. Ltd., Mohali interacted with the students of BCA. The speaker discussed about the latest trends of IT industry, and spoke at length about how the students can become industry-ready while they are still pursuing the technical degree program.

He also emphasized on sharpening the technical skills, and developing acumen to develop, use and implement original ideas that are beneficial to the society.

Cultural Event @ CA

An event “**Entertainment Ke Liye Kuchh Bhi Karega**” was organized under the banner of Matrix Club by the Department of Computer Applications for students of BCA, BCA-MCA(I) and MCA where students participated in an array of cultural events.

The event comprised of Sketching, Watch Your Steps, The Voice, Stand-up Comedy, Theater and Dubsmash, Mobile Photography. The event was very entertaining and filled with enthusiasm, excitement, music, laughter and lots of happiness.

The entries in Sketching received appreciation by the judges and other guests. The competitors tickled their grey cells and came up with their own unique picture to depict the theme in an impressive manner.

Harsh Jatawat (BCA-5) was awarded the first prize and Saloni (MCA 1) was awarded the second prize in *Sketching*.

Watch Your Steps, solo dance competition, gave students a platform to show their dancing talent and was fully enjoyed by the crowd. Himanshu (BCA 5Y) was awarded with the first prize whereas Megha & Arshiya (MCA 1) were awarded the second prize.



The Voice, solo singing competition was won by Nishi (BCA 3Z) and Ashish (BCA 1Y) stood second in the competition. In *Stand Up Comedy* event, Tushar (BCA 1Y) bagged the first prize.

In *Theater and Dubsmash* event, a team of 5 students of BCA 3Z got the first prize and Akansha (BCA 1X) was awarded with the second prize.

In the *Mobile Photography* event, Aashima (BCA 1Z) and Abhinav (BCA 3X) were awarded first and second prize respectively.

Mr. Preetinder Singh Brar (Associate Professor, Department of Computer Applications), Ms Arzoo Dhiman (Assistant Professor, Department of Computer Applications), Mr. Mohit Garg (Assistant Professor, Department of Computer Applications), Mr. Ravinder Singh (Assistant Professor, Department of Computer Applications)

and Mr Ankit Girdhar (Assistant Professor, School of Polytechnic) presided over the events 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 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 for making the event successful.



Orientation Program of CA

A formal Induction and Orientation Program for CA students of Batch 2017 was organized by the Department of Computer Applications on August 23, 2017. The program commenced with an address from Ms Harkiran Kaur, Associate Dean, Mr. Vikram Mangla, Associate Professor, Deputy Dean, Department of Computer Applications, welcomed the freshers and their parents to the folds of the



Chitkara University, and gave an

overview of the Department.

This was followed by an inspirational address by Dr. Madhu Chitkara, Hon'ble Vice Chancellor, Chitkara University, Punjab through which she guided the students in the direction of becoming a successful professional and wished the students a fruitful learning experience at the



University. Prof. Harkiran Kaur, Director, International Studies, enlightened the students about the various opportunities in the international exchange programmes available at Chitkara University. Wg. Cdr. R.S. Gill,

Vice President (University Affairs) gave out the general instructions regarding the code of conduct to be followed by the students while at campus. Dr. S.N. Panda, Director Research, CURIN gave an overview about the research opportunities available for students at the University and

motivated the students to explore their potential in the field of research and development and think out of box.



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.



CA Faculty Achievements

Research Publications

Sehra S.S., Singh J., Rai H.S., Using Latent Semantic Analysis to Identify Research Trends in Open-StreetMap, ISPRS International Journal of Geo-Information, (ISSN 2220-9964), (SCOPUS, Web of Science, SCI-E), Vol 9 (15), Page 1-22, 2017, Impact factor: 1.5

Sehra S.S., Singh J., Rai H.S., Assessing OpenStreetMap Data Using Intrinsic Quality Indicators: An Extension to the QGIS Processing Toolbox, future internet, (ISSN 1999-5903), (SCOPUS, Web of Science, SCI-E), Vol 9 (15), Page 1-22, 2017

Garg K., Singh J., A Proposed Technique for Cloud Computing Security, Innovations in Computer Science and Engineering- Lecture Notes in Networks and Systems, Springer (SCOPUS), DOI 10.1007/978-981-10-3818-1-10, Page 89-95, 2017

Chaudhary Deepika, Singh Jaiteg, Kothari D.P. A Hybrid DL and RL Based Reasoner for Optimum Entailments in Ontologies, Indian Journal of Science and technology, 10(23).

Khanna S. Maninderjit, Sheetlani Jitendra, Designing Ideal Task Partitioning Scheduling Model In Distributed Computing Scenario, International Journal Of Engineering And Computer Science ISSN:2319-7242 Volume 6 Issue 11 November 2017, 23219-23223, DOI: 10.18535/ijecs/v6i11.22.

CA Faculty Recognitions and Awards

- ◆ Dr. Amandeep Bhullar, Associate Professor, was awarded PhD degree in the field of Computer Science & Engineering.
- ◆ Three CA Faculty members were recognized under Inspire– The Campus Connect Faculty Partnership Model. Mr Jatinder Ashtha, had been recognized as Silver level partner whereas Ms. Deepika Chaudhary and Ms. Nishu Bali, Associate professor, were awarded Bronze level partnership.
- ◆ Mr. Mohit Garg, Assistant Professor, was appreciated as the STAR faculty in BBA Department.

Student Achievements



Kartik Sharma, student of MCA-1, had participated in all India inter university roller sports championship 2017-18 and secured 2nd place in the tournament organised by Punjab university, Chandigarh.

Prabhat, BCA-5Y student, a budding chess champion, won gold medal with cash prize of 4K in chess championship held at Jaypee University, Solan.



Also, a team of four led by Prabhat and comprising of cse and Bcom students won silver medal in chess championship held at IIT Mandi, Himachal Pardesh

Prabhat has also been a winner of intra mural chess championship for last three years and is captain of chess team at Chitkara University. Recently, he won first position



Samiksha, BCA-3Y, got second prize in CSI tech Hunt event held on 8th November 2017.



A BrainTeaser

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

Solution of last issue

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

Editorial Section

This is the Sixth 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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*DECEMBER IS FADING AWAY,
THERE IS NEW YEAR COMING YOUR WAY.
ALL FRUSTRATIONS DROWNED WITH THE
CHILL OF COLD AIR AROUND
AS THE NEW YEAR RISES AROUND.
NEVER FORGET THE LUCK YOU HAD THE
WHOLE YEAR;
IF YOU DON'T HAVE ANY, DON'T REGRET
BECAUSE THERE'S MORE TO COME IN THE
NEW YEAR.
THE EDITORIAL TEAM AND DEPARTMENT OF
COMPUTER APPLICATIONS WISHES YOU ALL
A VERY HAPPY NEW YEAR*

Keep Smiling!



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