Nouvelle Libération

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Interaction With Hon'ble Vice Chancellor

A true guiding spirit, a dynamic personality, our own Hon'ble Vice Chancellor Dr. Madhu Chitkara , interacted with BCA/MCA first year students. It was indeed a proud moment and privilege for all the students and faculty of Department of Computer Applications as they got wonderful opportunity to have learning and insightful session with Hon'ble Vice Chancellor.

She enlightened the students about 12 points of Chitkara Charter and the meaning of Chitkara Logo. She motivated the students to develop team spirit, think out of the box, groom like a leader, improve communication skills and be a part of social activities.

Dr.Madhu Chitkara spent quite an enriching time with the students as well as with the faculty members.

Excuberanza – An Entertainment & Educational Treat

Matrix Club, under the aegis of School of Computer Sciences, Department of Computer Applications, Chitkara University, organized their annual event "**Excuberanza 2k18** "-*your vision our hope,* on **22nd Jan 2018.** The event witnessed number of competitions like Presentations, Debate and Logo Making.

Themes of the Event :
1. Technology- A Boon or a Bane
2. Caste System- A way of life or a major injustice

The event was judged by esteemed judges from various schools of Chitkara University. Mr. Gurinderpal Singh,Ms.Payal,Mr.Ishpreet,Ms Bhavna from Chitkara School of Art and Design. Ms.Supriya from CSE, Ms.Gitanjali from ESL, Ms.Garima From CSMC.

Dr. Jaiteg Singh,Professor & Dean, Department of Computer Applications and **Mr. Preetinder Brar**,Program Incharge, Department Of Computer Applications gave away prizes to the winners.

Winners of the day :
1.For presentations
First prize : Ankit Dhingra and Ashish Chawla(BCA 4Z &2Y)
second prize: Avikunj and Harshpreet(BCA 4X)
2.Logo Making
First prize: Vishal (BCA 2Z)
second prize :Siddhant(BCA 2Z)
3.Debate
First prize: Harshpreet Arora(BCA 2X)
Second prize: Abhijit (BCA 4X)

Code Cracker– A CSI Event

Computer Society of India (CSI) Student Chapter, under the patronage of Department of Computer Applications, Chitkara University, Punjab, organized a technical event "Code Cracker" on March 16, 2018. The chief guests, Mr. SC Jain, Chairman, CSI Chandigarh Chapter and Mr. D. S. Chhabra, immediate past Chairman, CSI Chandigarh Chapter, inaugurated the event. Dr. Jaiteg Singh, Prof. & Dean, Department of Computer Applications, welcomed the chief guests. CSI Chandigarh Chairman, Mr. S.C. Jain, applauded the efforts of CSI

Student Chapter, Chitkara University, in organizing various events for the students. He also congratulated the university for winning CSI Best Accredited Student branch award this year. He gave information about CSI vision and mission to the gathering.CSI core team members were also felicitated by the guests for their efforts in organizing the event.

More than 60 teams registered for the event from various departments among which 30 teams comprising of two members each, were selected on first come first serve basis.

The two main parts of the competition were blind coding and debugging in C language. The event was judged by Mr. Rajesh Kaushal, Associate Professor, Mr. Naveen Sharma, Associate Professor, and Mr. Vikas Rattan, Associate Professor, Department of Computer Applications.

Mohit Sharma & Harshit Luthra from CSE won the first prize followed by Manender Pal & Kashish Thakur from BCA as the First Runners Up and Kanishk Rajpal & Pankaj Dariya from BCA were the 2nd Runners Up. Cash prizes were given to top three winning teams. In both levels of the event, participants showed deep interest and enthusiasm.

Workshop on Alexa & IoT

Department of Computer Applications, in association with CURIN, organized a workshop on 20th February, 2018, on the topics, Alexa and IoT.

Alexa is a tool which enables voice interaction with various systems in the environment and online. This can help programmers to control their devices through voice instruction.

The workshop was conducted in two sessions. In the morning session, Mr. Sudhir Gupta, the resource person, shared the knowledge about Alexa as the latest tool offered by Amazon. The participants also learned about Amazon Cloud and its services.

In the afternoon session, participants learned about IoT tools and also worked on Arduino Uno simulator.

Mr. Gupta also shared knowledge about various IoT sensors. The workshop proved to be very useful for the students in updating their knowledge on latest technologies.

S.T.E.P [Scratch Training Enablement Program]

Department of Computer Applications organized a workshop on "S.T.E.P" [Scratch Training Enablement Program] under Student Chapter of Computer Society of India (CSI) on 5th and 6th February 2018 , with an objective to strengthen the students' ability of logic building and animation. The sessions were delivered by Mr. Sunny Singh, Assistant Professor, School of Computer Sciences and Ms. Deepika Chaudhary, Associate Professor, Department of Computer Applications. Students worked on well known tool called 'Scratch' which helped them in performing collaborations of programming and logic building. Scratch is a free educational programming language that was developed by the Lifelong Kindergarten Group at the Massachusetts Institute of Technology (MIT) with over 11 million registered users.

Scratch is designed to be fun, educational, and easy to learn. It has the tools for creating interactive stories, games, art, simulations etc. using block-based programming. Scratch even has its own paint editor and sound editor built-in. Users can generate programs in Scratch by dragging blocks from the block palette and attaching them to other blocks like a jigsaw puzzle.

The workshop was attended by a good number of (more than 70) participants. The workshop concluded on a successful note and the students were able to make games like Hide and Seek, Kaun Banega Crorepati, stories and animations. It was all through a great learning experience. The workshop received a very good response by the participants and also a very positive feedback.

Workshop on Intricacies of Data Structures

A two-day workshop titled "Applications and Implementation of Data Structures" was organised by the CSI Student Chapter under the aegis of Department of Computer Applications.

The workshop was conducted by senior faculty members of the department Mr. Vikas Rattan and Mr. Preetinder Singh Brar for BCA students. The participants were given hands-on training in implementation of data structures. The participants were also appraised about the applications of those data structures.

The motive of the workshop was to provide an insight of the data structures and their variants. Typical questions that the candidates encounter during job interviews were also discussed. The workshop achieved the motive and the participants expressed their willingness to attend such workshops in future.
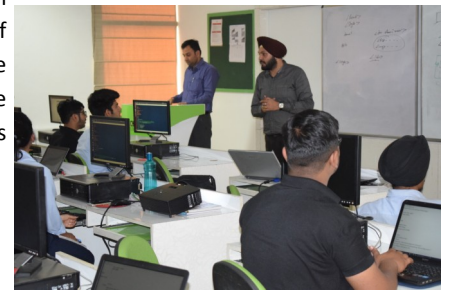
Website Development Workshop

A one day workshop on Website Development was organized by the CSI Student Chapter under the patronage of Department of Computer Applications.

The workshop was conducted by Mr. Rajesh Kaushal, Associate Professor, along with Mr Jagwinder Singh and Mr Jatinder Ashta, Assistant Professors, Department of Computer Applications, for BCA students.

The motive of the workshop was to make students aware of creating their own website and also how to host the website on the web servers. The participants were given hands-on training in developing static website using HTML5, CSS and JavaScript.

The participants prepared their own web pages based upon the concepts of HTML 5, CSS and JavaScript. The workshop achieved the motive and the participants expressed their willingness to attend such workshops in future.

Workshop on Tally.ERP9

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, Chitkara University ,Punjab, organized one day workshop on "Understanding Tally.ERP9".

The workshop was conducted by Mr. Maninderjit Singh Khanna, Associate Professor, Department of Computer Applications. More than 47 participants from BCA, BCA-MCA(I) and MCA programmes attended the workshop.

The aim of workshop was to empower the students with knowledge of ERP Accounting Module: Tally.ERP9.

Students were given hands on training in creation of company, ledgers and groups, and posting voucher entry in Tally.ERP9 so as to create various accounting reports. The workshop proved to be a platform that provided learning in basic accounting for all the participants.

Workshop On "Computer Networks"

Department of Computer Applications organized a workshop on "Computer Networks" under Student Chapter of Computer Society of India (CSI) on March 8th-9th, 2018, with an objective to make the students aware of CISCO technologies used worldwide. The sessions were delivered by Mr. Ravinder Singh, Assistant Professor and Mr. Mohit Garg, Assistant Professor, Department of Computer Applications.

In the workshop, students worked on well-known network simulator 'Packet Tracer version 7.0' cross-platform visual simulation tool designed by Cisco Systems. Students also created network topologies used in modern computer networks. The students got an opportunity to explore various features of the tool including its ability to simulate the configuration of Cisco based Routers and Switches using a simulated command line interface. A good number of students enrolled for the workshop .

The workshop concluded on a successful note. It was all through a great learning experience. The workshop received a very good response and positive feedback from the participants.

CSI Foundation Day Celebrated

On the occasion of 53rd Computer Society of India (CSI) Foundation Day, CSI Chandigarh Chapter in collaboration with CDAC Mohali, organized one day Workshop on IoT on 7th March 2018.

Recourse person Ms. Harsimranjeet Kaur and Ms. Rekha gave informative and hands-on session on Internet of Things (IOT).

Mr. Jaswinder Singh, SBC-CSI ,Chitkara University, Punjab along With 9 students of BCA, BCA-MCA(I) and MCA participated in the workshop at CDAC ,Mohali. Students from Chitkara University, HP Campus, Rayat Bahra University and DAV University, Jalandhar also participated in this event. Mr. Subash Jain (Chairman, CSI Chandigarh Chapter) and Dr S.P Sood (Joint Director, CDAC) inaugurated the session.

World Heritage Day – A Remembrance of the Past

Department of Computer Applications, Chitkara University, Punjab, commemorated World Heritage Day, wherein an educational tour to the Fatehgarh Sahib and Aam Khas Bagh was organized by the Matrix Club on April 18, 2018.

A group of 53 students of MCA and BCA, accompanied by two teachers, Mr. Preetinder Singh Brar, Associate professor and Ms Arzoo Dhiman, Assistant Professor, Department of Computer Applications, visited Gurdwara Shri Fatehgarh Sahib and Aam Khas Bagh 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 Aam Khas Bagh The water channels beneath the rooms for maintaining the temperature inside the buildings were the main attraction. Those water channels clearly reflected the rich architectural knowledge of the Indian masons and the artisans even a few hundred years ago. 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 & Student Achievements

Book

Singh J., Computer Structure and Applications, Madaan Publications 2018

Research Papers

Chaudhary D, Singh J.,Kothari D.P., Applications of nature-inspired algorithm in different aspects of semantic web , SSN:1549-3636 , Journal of Computer Science , Science Publications USA, Vol. 14, Issue 2 .

Sharma T. , Sharma H., A perspective on MPLS in WDM networks, (ISSN 2454-4248), International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE), Vol. 4, Issue 3, Page 309 – 312

Kaushal R., Sharma N., IOT based Smart chair cum bed for critical ill patient , (PMC/CME/2018 6765), (Health Technology assessment Conference), PGIMER

Kaushal R., Sharma N., IOT Based Emergency Healthcare Solution for Patients in Transit , (PMC/CME/2018 6765), (Health Technology assessment Conference), PGIMER

Student Achievements

Kartik , MCA-2 , got third position (Bronze medal) in 55th National Roller Skating Championship , Kurukshetra

Vinay Nischal , MCA-2 , got selected for internship of TT Consultants, Chandigarh

Rachit, Nimish and Kartik , MCA-2 students, Going to University of British Columbia, Canada (14-July-2018 to 14-Aug-2018) for Summer Exchange Program

À BIENTôT 2018 –"ILLECEBROUS"– CA Farewell

The journey of thousand miles begins with one step." – Lao Tzu

To embark on a journey towards fulfilling dreams and goals requires bravery, to remain on that path requires courage and the bridge that merges the two is commitment. As our bright students commence on their new journey, we seek to bid them au revoir in an imperishable and trendy form.

With that aim in mind, **À BIENTôT 2018 – "ILLECEBROUS"**, a farewell party was organized on 21st April 2018. To initialize the event, Farewell was first celebrated in respective department and then the students were shortlisted based on their performance on ramp walk. Our finalist students performed at University level (combined event) and could make to reach in final round. Faculty members of different departments graced the occasion by their presence as judges for the ramp walk event.

The list of judges included Ms. Parneet Kaur, Assistant Professor, Ilingua Department, Mr.Jatinder Ashta, Assistant Professor, Computer Applications Department and Ms. Akanksha, Assistant professor, Interior Design Department.

List of Winners:

1.Mr.Abientot MCA--Amit Chopra
2.Ms.Abientot MCA--Ankita Sharma
3.Mr.Abientot BCA -Arshdeep Singh
4.Ms.Abientot BCA-Bhumili
5.Mr.Charisma - Pushkar
6.Ms.Enticing -Srishthi Gulati

Academic Achievements: First Three positions MCA

Batch-2016

Name: Dakshika Sood
Position: I
Univ. Roll No.: 1610981515

Name: Davinder Pal Singh
Position: II
Univ. Roll No.: 1610981516

Name: Chirag Jain
Position: III
Univ. Roll No.: 1610981514

Batch 2017

Name: Komal
Position: I
Univ. Roll No.: 1710981512

Name: Arshiya Nagpal
Position: II
Univ. Roll No.: 1710981505

Name: Vinay Nischal
Position: II
Univ. Roll No.: 1710981529

Name: Megha Mukherjee
Position: III
Univ. Roll No.: 1710981514

Name: Paras Manchanda
Position: III
Univ. Roll No.: 1710981519

Name: Abhishake Jain
Position: III
Univ. Roll No.: 1710981533

Academic Achievements: First Three positions BCA

Batch-2016

Name: Ritika Vohra
Position: I
Univ. Roll No.: 1610992579

Name: Anushka Aggarwal
Position: II
Univ. Roll No.: 1610992801

Name: Manendar Pal Singh
Position: III
Univ. Roll No.: 1610992549

Batch 2017

Name:Takshita Kapur
Position: I
Univ. Roll No.: 1710992600

Name: Karan Singh Rawat
Position: II
Univ. Roll No.: 1710992544

Name: Bishal Saha
Position: II
Univ. Roll No.: 1710992712

Name: Debraj Aditya
Position: III
Univ. Roll No.: 1710992714

A BrainTeaser

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

Solution of last issue

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

Editorial Section

This is the Seventh 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"