

Report of Computer Science Department (2020-21)



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Swachhta Cell, Department of Computer Science & Applications organized “**E-Waste Modeling Contest**” on 6th January 2021. Models were judged based on creativity, utility of the product and overall presentation by Ms Deepti Sharda, Dr Mandeep Chawla and Ms Navdeep Kaur. Around 17 participants showcased their creativity and utility of the Product. Cash prizes of Rs 1500, Rs 1000 and Rs 500 were also awarded to best three models: Navya Chhatwani of B.Com III (First position), Aastha Mittal of BCA II (Second position), Piezal Singh of BCA II (Third position).



- 2Minute Video Making Competition on the topic “**Innovations during COVID-19 Pandemic**” was organised on 11th January 2021. A total of 19 participants registered and 8 discussed a diverse range of innovations being done in different fields like Medicine, Sanitization, Artificial Intelligence, Equipment and Mobile Apps. Cash prizes of Rs 1500, Rs 1000 and Rs. 500 were also awarded to best three videos of Noveldeep Kaur of B.Sc. (MFT), Kirandeep of M.Com., Vanshika Garg of B.Com.



- Software Hackathon was organized from 18 January, 2021 to 20 January 2021. It was open only for the students of the Department of Computer Science and Applications. The teams contested to develop a software application using any one of the programming languages from C/C++/Python or Java. A total of 15 teams registered and 10 teams participated in the contest. Cash prizes of Rs 3000 was awarded to Sonalika Grover and Nagma Firdous of BCA III, Rs 2000 to Priyanka and Mishika Batra of BCA II and Rs 1000 to Deepakshi and Gopikaa of BCA II.
- Swachhta Cell of DCSA organized Flyer Design Contest on "**Hibernate Mode: A Move towards Power Saving**" on 20-27 March 2021. This awareness campaign was aimed to apprise all by switching PC/Laptops to hibernate mode for energy saving and battery optimization which involves no extra effort. The event was organized in collaboration with MCM Eco-Club to celebrate Bharat Ka Amrut Mahotsav (The Green Good Deed of the week). Prizes were awarded to Shreya Gupta, BCA II (First Prize), Navya Chhatwani, B.Com III (Second prize) and Anjali, BCA II (Third Prize).



- Our Faculty member, Ms Punam mentored one team (TEAM Name: Sarvani) Piezal Singh of BCA-II, Dakshita Dutta of BCA-II, Arushi Dhiman of BCA-I and Achirabha Singh of BCA-II for Toycathon-2021 organized by MOE's IC (MIC). Another team of B.Sc Computer Applications was mentored by Dr Renu Bala comprising Sunishtha, Kajal, Amrit, Nupur and Akanksha of B.Sc II.
- 5-Day Workshop on **"ICT & Business Communication"** was organized from 25th June 2021- 30th June 2021. Around 26 participants participated in this event. In chronological order, Ms. Manmeet Kaur, Ms. Sandeep Kaur, Ms. Sonali Mehndiratta, Ms. Monika, Dr. Sunaina Jain were the resource persons of the sessions on analyzing and working with MS Excel, Google Form as collecting information tool, Online tool for merging and splitting pdf files and the art of business letter writing.



- A poster making contest was organized by DCSA under the aegis of IIC 3.0 on the topic 'Entrepreneurship'. Around 20 students participated. Cash prizes were awarded to first three winners- Arushi Dhiman of B.Sc. MFT-II got First Prize, Piezal Singh of BCA-III bagged Second Prize and Neha of BCA-II got Third Prize.
- An Online PowerPoint Presentation competition for celebrating 'India Start-up Day' was organized by the Department of Computer Science & Applications under the aegis of IIC 4.0 on the topic 'Role of Start-up and Entrepreneurship in Computer Industry' on 2 November, 2021. A total of 59 students and 05 faculty members attended the event. A total of 15 participants registered and 8 emphasized on why Entrepreneurship is important to economy and discussed their views on Start-Up India Action plan. Avneet Kaur of B.Sc. I won first prize, Rimsha of BCA I won second prize and Riddhi Sharma of BCA I got third prize.
- An Online Essay writing competition on the topic 'Grassroot Innovations in India' was organized under the aegis of IIC 4.0 for celebrating 'National Innovation Day'. This day is celebrated to commemorate the Birth Anniversary of the Missile Man of India Dr. Abdul Kalam (October 15). A total of 24 students submitted the essays on 02 November, 2021. Alisha of B.Sc.I bagged first position. Srishti of B.Sc.III got second position and Angellina Gill of BCAI secured third position.
- A Session on 'National Education Policy (NEP)' was organized by DCSA under the aegis of IIC 4.0 on 11 November, 2021. The resource person for the event was Dr. Neetu, HOD, Department of Zoology and Convener, IIC 4.0. A total of 40 students and 05 faculty members attended the session.

Participation by students in various Competitions

- 5 students participated in Virtual Inter College IT Fest 2021 held at PGGCG-11, Chandigarh on 28 May 2021. Ruhani of BCA 4th Semester got 1st prize in Movie Making, Aastha Mittal of BCA 4th Semester got 1st prize in Web Designing, Deepakshi Rawal of BCA 4th Semester got 3rd prize in Debugging, Manpreet Kaur of BCA 4th Semester got 2nd prize in E-Collage and Akshita of BCA 4th Semester got 1st prize in Extempore.
- 10 students participated in KMV'S I.T. Euphoria (Virtual Inter College IT Fest 2021) held at KanyaMahaVidyalaya, Jalandhar, Punjab from 31 May 2021 to 2 June 2021. Nikita of BCA 4th semester and Kirandeep Kaur of BCA 6th semester got 3rd prize in Logo Designing, Achirabha Singh of BCA 4th semester and Dakshita of BCA 4th semester got 2nd prize in PPT Competition.
- 27 students participated in Online National E-Poster Making Competition, SPECTRA 2021 held at Gujranwala Guru Nanak Khalsa College, Ludhiana, Punjab on 14 June 2021. Parneet Kaur of BCA 4th Semester got stood First in E-Poster Making.
- 6 students participated in Online Collage Making Contest on Theme "Medicinal Plants" organized by DCSA, Panjab University from 10 June 2021 to 14 June 2021.