

Report of Computer Science and Applications Department (2017-18)



**Mehr Chand Mahajan
DAV College for Women
Sector-36, Chandigarh**

www.mcmdavcwchd.in

Department: Computer Science and Applications

Session: 2017-18

Programmes/Courses Offered:

- Bachelors of Computer Applications (B.C.A.)
- B.Sc (Computer Application) Elective Subject
- Post Graduate Diploma in Computer Applications (PGDCA)

Position Holders in Panjab University Examinations:

Name and Class	Name of the Award/Project/Position	Name of the Agency/University	Month/Year
ROOPASANA DHILLON (BCA 3rd Sem)	7 th Rank	Panjab University	Dec-2017
TANYA SINGH (BCA 2nd Sem)	9 th Rank	Panjab University	May-2018
ROOPASANA DHILLON (BCA 4 th Sem)	5 th Rank	Panjab University	May-2018
ANAMIKA (BCA 4 th Sem)	9 th Rank	Panjab University	May-2018
MRIDULA KHURANA (BCA 4 th Sem)	9 th Rank	Panjab University	May-2018

Departmental Activities:

- A session on 'Inside a computer' for BCA I by Mr. Kishore (Lab Assistant, DCSA) and Mr. Pawan(North India Computers)(19/8/2017).
- A session on 'Awareness on 'Digital payments and Career Opportunities' by SBI and AMC Academy respectively on September 15, 2017. Digital payments report was sent to Dean, College Development Councils per their requirement. The main focus was to guide the students on various career options that are available in IT sector and make them aware of different methods that can be adopted for making payments digitally. Speakers from SBI, Mr. R. S. Narwal, Chief Manager, Regional Office, Mr. Inderjit Singh, Customer Associate and Mr. Sahil, Area Manager, SBI Card, interacted with the students and explained the applications and procedures initiated by SBI that can be adopted for digital payments. Speakers from AMC Academy, Chandigarh, also enriched the students with different career alternatives to choose from and succeed in today's competitive world.
- Two students (Kanika, PGDCA; Diksha, BCA2)availed facility of 'Earn While You Learn' offered by MCMDAV CW, Chandigarh during holidays from 30th Sep, 2017 to Oct 9, 2017.

- Department OF Computer Science and Applications organized two-day event “iTech Fiesta 2017” on 25-26th October,2017. This event included technical and cultural events. The competition was open for the students of classes BCA, PGDCA, B.Sc. (Computer Applications) of the department. Theme of the event for technical events (Presentation Competition, IT Quiz, Debugging in C/Java and Collage in MS Paint/Photoshop) was any topic related to “Latest Trends in Information Technology”, while theme of the cultural events (Dance, Skit and Rangoli) was IT-based with social relevance like Cyber Crime, Social Networking sites etc. This event was sponsored by Infomaths, Sec 35, Chandigarh. Mr. Ajay Kapoor, Senior faculty, Infomaths delivered a lecture on “Shortcut Techniques to solve Mathematical problems”. They also conducted lucky draw and three students were given prizes and discount coupons.

Item	No. of participants/team	Duration	Language/Software	Mode	No of teams reported
Quiz	1 per team	30 mins	MCQ's/Fill in the blanks (written)	-	19
Presentation Competition	1 per team	6-7 mins + 1 min for Q/A	-	Prepared	6
Debugging	2 per team	45 mins	C/C++/JAVA	On the spot	9
Collage	2 per team	1 hour	Photoshop/Paint	On the spot	16
Skit	3-8 per team	8-10 mins	Any IT theme preferable	Prepared	2
Dance	3-8 per team	4-5 mins	Any IT theme preferable	Prepared	5
Rangoli	2 per team	1 hour 30 mins	Any IT theme preferable	Pre-decided	29

List of Prize Winners:

Presentation Competition

Ist prize: Siddhi BCA2

IIInd Prize: Mridula Khurana BCA2

IIIrd Prize: Simran Anand BCA2

IT Quiz

Ist prize: Anamika of BCA2

IIInd Prize: Srishti Thakur of BCA

IIIrd Prize: Jesica of B.Sc.1(Voc.)

Debugging in C/Java

Ist prize: Prabhsimran Kaur and Simran Chawla of BCA3

IIInd Prize: Harshita Rawat and Anamika of BCA2

Collage in MS Paint/Photoshop

Ist prize: Ishita Ahuja and Shivangi of BCA3

IIInd Prize: Priyanka and Arpita of B.Sc.3(Voc.)

Dance

Ist prize: B.Sc.1(Voc.): Roshi, Prerna, Kriti, Avneet, Lovleen Kaur, Apeksha Singh, Aditi, Nitesh

IIInd Prize: BCA 1: Muskaan Premy, Seema, Kajal, Sifat, Palkin, Shivangi, Avantika, Gavnesha

Skit

Ist prize: B.Sc.(Voc.): Simarleen Kaur, Jasleen Kaur, Riya Khurana, Mink Mittal, Rashi Sharma, Heman, Harseerat Kaur, Navneet Brar

Rangoli

Ist prize: Kanika and Tanya of PGDCA

IIInd Prize: Tanu Tandon and Parul of B.Sc.3 (Voc.)

IIIrd Prize: Pragya and Gunjan of B.Sc.1(Voc.)

Consolation Prize: Avneet and Loveleen of B.Sc.1(Voc.)

- Department got 'Certificate of Appreciation' for Swachh Bharat while participating in Cleanliness of Lab/Deptt Room for securing Second Position (Oct, 2017)
- Dr. Mandeep Kaur Chawla organized an extension lecture on 'How to read a Research paper' followed by practical demonstration on November 9, 2017 for BCA II year students
- Sh. Sudhir Grover of Infomaths delivered a lecture on Vedic Maths to November 11, 2017 BCA II year students.
- Students from the department also participated in many inter-college IT Fests organized by various colleges in the city.
 - Kirti & Ritika Thakur from BCA-I got 2nd prize in Debugging, Ishita Singla & Radhika from BCA-III got 1st prize in Collage Making and Shivangi & Ishita Ahuja from BCA-III got 2nd prize in Face Painting in PGGC-11 on 16th March, 2018.
 - Ishita Singla & Radhika from BCA 3 got 2nd prize in Collage-Making in SGGS-26 on 21st March, 2018.
 - In Treasure Hunt, Sakshi & Preetika from B.Sc.(Comp. App) got 2nd prize in DCSA, Panjab University on 24th March, 2018
- Department of Computer Science and Applications organized a 7-day workshop on "Web Applications Development using PHP" from 28thMay to 4thJune, 2018. Sh. Pankaj Sharma, Technical Head, NetMax Technologies Pvt. Ltd, Chandigarh was the Resource Person. The workshop focused on pragmatic aspects of enhancing knowledge and skills of students in developing dynamic and interactive web pages.

Research Activities:

- Komalpreet Randhawa and Nidhi Sawhney from BCA II presented paper titled: "AI-Assisted Crime Prevention: Practices and Technology Instances" in International

Conference on Science and Technology: Trends and Challenges (ICSTTC-2018). ISSN: 978-93-85835-54-4, dated 16& 17 April 2018. It was hosted by GGN Khalsa College, Civil lines, Ludhiana.