

1. NAME OF DEPARTMENT : DEPARTMENT OF COMPUTER SCIENCE

2. VISION OF THE DEPARTMENT :

To yield the proficient professionals with innovative, moral and social abilities to face globalised high-tech society and direct them towards serving society

3. MISSION OF THE DEPARTMENT :

- Empowering the youth of rural area with computer science skills.
- To educate the students to be successful in facing the today's challenging world.
- Induce ethical values and spirit of social commitment.
- Imparting the skills required to grow professionally.

4. DEPARTMENTAL PROFILE(Year of establishment, courses, no. of seats scope etc.: (250 words)

The Department of computer Science has been successfully functioning since 2008 as the ASBASJSM College organization started PGDCA. The department offers M.Sc. (Information Technology) , PGDCA and BCA . The Department comprises of 3 fully Air Conditioned Computer Labs with 60 systems, state of the art computing facilities with sufficient power supply backup and internet facility.

Intake in different programmes are as follows:

Sr. No.	Programme Name	Year of Starting	Seats Allotted	Duration of Programme	Semesters
1.	PGDCA	2008	30	1 Year	2 Sem
2.	M.Sc. (IT)	2009	30	2 Years	4 Sem
3.	BCA	2009	50	3 Years	6 Sem

The department is part of 2 Inter disciplinary programmes i. e. B.Sc. (CS) - Bachelors of Science in Computers and B. Voc. (RMIT) – Bachelors of Vocational in Retail and Information Technology.

The department also has a participation in following programmes run by the other departments.

Sr. No.	Programme Name	Department Name
1.	M.Sc. (Maths)	Department of Mathematics
2.	M. Com	Department of Commerce
3.	B. Com	
4.	B. Voc. (Food Processing)	Department of Bio-Technology and Food Processing
5.	B. Voc. (RET)	Department of Physical Science

Faculty of Department of Computer Science are always dedicated and devoted towards the comprehensive development of their students by training them physically through enough sports & games; psychologically through technical competitions organised by other colleges.

5. FACULTY OF THE DEPARTMENT:

S. N.	Name of Faculty	Educational Qualification	Experience	Mail ID	Picture
1	Rakesh Joshi	MCA	11 Years	joshiraj001@gmail.com	
2	Taranjeet Kaur	M.Tech. CSE, NET	6.5 Years	taranjeet.chd@gmail.com	
3	Dinseh Kumar	MCA	2 Years	dineshsoni88808@gmail.com	
4	Manpreet Kaur	MCA	2 Years	kmanpreet939@gmail.com	
5	Mandeep Singh	MCA	1.5 Years	msingh884@yahoo.com	
6	Iqbal Singh	M.Sc. (CS) NET	1 Year	iqbalkaily@yahoo.in	
7	Mamta Devi	MCA	2.4 Years	mamta.rajpu90@gmail.com	
8	Neetu Sharma	M. Tech. MCA	9 Years	nsvashisht21@gmail.com	
9	Harpreet Kaur	MCA	1 year	harpreetwraich016@gmail.com	

6. ACHIEVEMENT/PUBLICATIONS OF FACULTY:

TEACHER'S NAME: Asst. Prof. Rakesh Joshi

S. No.	Publication Detail
1.	Paper present in National Conference on "Recent Trends in Computing Information & Applications" at SRI SAI University, Palampur, HP, May 2014. entitled "Ethical Hacking: Its Impacts and Importance"
2.	3 Chapters on Chapter on "1. Number System, 2. Concept of Information System and Software, 3. Web Technology" are published in the book titled " Computer applications in Pharmacy" ISBN: 978-93-87686 by Nirali Parkashan
3	Paper published in International Journal of Research and Analytical Reviews IJRAR January 2019, Volume 6 issue1 under entitled "Impact of Social Media on Elections in India".

TEACHER'S NAME: Asst. Prof. Taranjeet Kaur

S. No.	Publication Detail
1.	Paper on GI FI – Emerging Wireless Technology accepted and published in proceedings of International Conference on Advancements in Computing and Communication held at Baba Banda Singh Bahadur Engineering College, Fathegarh Sahib, FEB 2012.
2.	Paper published in International Journal of Computer Science and communication Engineering, Volume 3 Issue 2, May 2014 on " A Review Of Lehman's Laws In Open Source Software Systems ".
3.	Paper published in International Journal of Computer Applications, Volume 93-Number 18: 40-46, May 2014 on " Applicability Of Lehman Laws On Open Source Evolution: A Case Study ".
4.	Paper published in International Journal of Research and Analytical Review, IJRAR January 2019, Volume 6 issue1 on " An Introduction To Natural Language Processing ".
5.	Paper published in International Journal of Research and Analytical Review, IJRAR June 2019, Volume 6 Issue 2, " Human Rights And Social Justice ".
6.	Paper published in International Journal of Research and Analytical Review, IJRAR June 2019, Volume 6 Issue 2, " A Study Of E-Commerce Transaction Security Threats ".
7.	Paper published in Journal of Emerging Technologies and Innovative Research, JETIR AUG 2019, Volume 6 Issue 6, " Study Of Management Information System And It's Functions In An Organization ".
8.	Paper published in Journal of Emerging Technologies and Innovative Research, JETIR AUG 2019, Volume 6 Issue 6, " SERVICES MARKETING IN VARIOUS SECTORS ".
9.	Chapter on "Need of Religion in Modern Age" is published in book titled "Sikhism and Concept of Humanity" ISBN: 978-93-84306-94-6 by Guru Nanak Khalsa College, Daroli Kalan, Jalandhar, Punjab.
10.	Paper presented on "Guarding Human Rights for Social Justice" in National conference on Human Rights and Social Justice on 20 th Feb, 2019 at A.S.B.A.S.J.S. Memorial College, Bela, Ropar, Punjab.
11.	Paper on Shakespeare contribution to literature in National Seminar on Pertinence of Shakespeare in present scenario at Patel Memorial College, Rajpura, Punjab.

TEACHER'S NAME: Asst. Prof. Dinesh Kumar

S. No.	Publication Detail
1.	JOURNAL (UGC Approved): MANDEEP SINGH, DINESH KUMAR, " REVIEW OF CLOUD COMPUTING", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.6, Issue 1, Page No pp.532-540, January 2019.
2.	JOURNAL (UGC Approved): DINESH KUMAR, MANDEEP SINGH," WESTERN DIGITAL HARD DRIVE COLOR DIFFERENCES", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.6, Issue 1, Page No pp.432-436, January 2019.
3.	JOURNAL (UGC Approved): DINESH KUMAR, MANDEEP SINGH, GURINDER SINGH,"APPRAISAL OF JIO", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 2, page no.130-135, February-2019.
4.	JOURNAL (UGC Approved): MANDEEP SINGH, DINESH KUMAR, SUMANPREET KAUR, PREET KAMAL KAUR, GURINDER SINGH, "ELECTRONIC PAYMENT SYSTEM, RISK AND SECURITY ISSUES", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 3, page no.142-147, March-2019.
5.	JOURNAL (UGC Approved): DINESH KUMAR, MANDEEP SINGH, RENUKA BARGOTRA, "OPERATING SYSTEMS PROS & CONS", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 3, page no.304-311, March-2019.
6.	JOURNAL (UGC Approved): DINESH KUMAR, MANDEEP SINGH, MANDEEP KAUR, "USE OF INTERNET IN BUSINESS MODELS", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Vol.6, Issue 4, page no.193-200, April-2019.
7.	JOURNAL (UGC Approved): MANDEEP SINGH, DINESH KUMAR, AMANDEEP KAUR, "E-BANKING SCENARIO IN INDIA", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.471-475, April-2019.
8.	JOURNAL (UGC Approved): DINESH KUMAR, MANDEEP SINGH, HARPREET KAUR, "MEMORY MANAGEMENT IN OPERATING SYSTEM", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.465-471, April-2019.

TEACHER'S NAME: Asst. Prof. Mamta Devi

S. No.	Publication Detail
1	Paper published in journal of Emerging Technologies and Innovative Research JETIR Registration ID : JETIR208094 entitled "Current Trends in Information Technology" UGC approved and ISSN: 2349-5162, impact factor 5.87

TEACHER'S NAME: Asst. Prof. Mandeep Singh

S. No.	Publication Detail
1	Journal (UGC Approved): "Mandeep Singh, Dinesh Kumar" REVIEW OF CLOUD COMPUTING", IJRAR-International Journal of Research and Analytical Reviews(IJRAR), E-ISSN 2348-1269, P-ISSN 2349-5138, Volume 6, Issue 1Page no pp.532-540, January2019.
2	Journal (UGC Approved): "Dinesh Kumar, Mandeep Singh, "WESTERN DIGITAL HARD DRIVE COLOR DIFFERENCES", IJRAR-International Journal of Research and Analytical Reviews(IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume 6, Issue 1Page no pp.432-436, January201
3	Journal (UGC Approved): Dinesh kumar, Mandeep Singh, Gurinder Singh "APPRAISAL OF JIO" International Peer Reviewed Journal, Refereed Journal. Indexed Journal, Impact Factor: 5.87, ISSN: 2349-5162, Volume 6 Issue 2page No pp 130-135, February2019
4	Journal (UGC Approved): MANDEEP SINGH, DINESH KUMAR, SUMANPREET KAUR, PREETKAMAL KAUR, GURINDER SINGH "ELECTRONIC PAYMENT SYSTEM, RISK AND SECURITY ISSUES International Peer Reviewed Journal, Refereed Journal. Indexed Journal, Impact Factor: 5.87, ISSN: 2349-5162, Volume 6 Issue 3page No pp 142- 147, March 2019
5	Journal (UGC Approved): Dinesh kumar, Mandeep Singh, RenukaBargotra "OPERATING SYSTEMS PROS & CONS" International Peer Reviewed Journal, Refereed Journal. Indexed Journal, Impact Factor: 5.87, ISSN: 2349-5162, Volume 6 Issue 3page No pp 304-311, March2019.
6	Journal (UGC Approved): Dinesh kumar, Mandeep Singh, Mandeep Kaur "USE OF INTERNET IN BUSINESS MODELS" International Peer Reviewed Journal, Refereed Journal. Indexed Journal, Impact Factor: 5.87, ISSN: 2349-5162, Volume 6 Issue 4page No pp 193-200, April 2019

TEACHER'S NAME: Asst. Prof. Iqbal Singh

S. No.	Publication Detail
1	Paper published in journal of Emerging Technologies and Innovative Research JETIR Registration ID : JETIR208094 entitled "Ethical Hacking" UGC approved and ISSN: 2349-5162, impact factor 5.87

TEACHER'S NAME: Asst. Prof. Manpreet Kaur

S. No.	Publication Detail
1	"The Minorities Human Rights in India" , International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.354-357, April-2019,

7. CALENDAR

DEPARTMENTAL ACTIVITY CALANDER

DEPARTMENT OF COMPUTER SCIENCE

SESSION (2019-20)

Sr.No	Activities	Expected Dates
ODD SEMESTER		
1	Quiz Competition	3 rd Week Of August 2019
2	Workshop	1 st Week Of September 2019
3	Educational Trip	1 st Week Of October 2019
4	PowerPoint Presentation	1 st Week Of November
5	PTM	4 th Week Of November
6	World's Computer Literacy Day	2 nd December 2019
EVEN SEMESTER		
7	Seminar On Emerging Issues	2 nd Week Of January 2020
8	Presentations	1 st Week Of February 2020
9	Industrial Visit	1 st Week Of March 2020
10	Poster Presentation	1 st Week Of April 2020
11	PTM	2 nd Week Of April
12	Technology Day	11 th May 2020

8. S
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n	r	r	v
i	a	p	i
n	n	r	n
d	v	e	d
e	e	r	e
r	r	t	r
S	S	S	S
i	i	i	i

ng
Assistant Manager
Punjab & Sind Bank
Panipat, HR



Amandeep Kaur
Theatre Artist
One Act Play, Skin
Nukud Natak, Un
Youth Fest



Amandeep
Best Athlete
"Ann
BCA

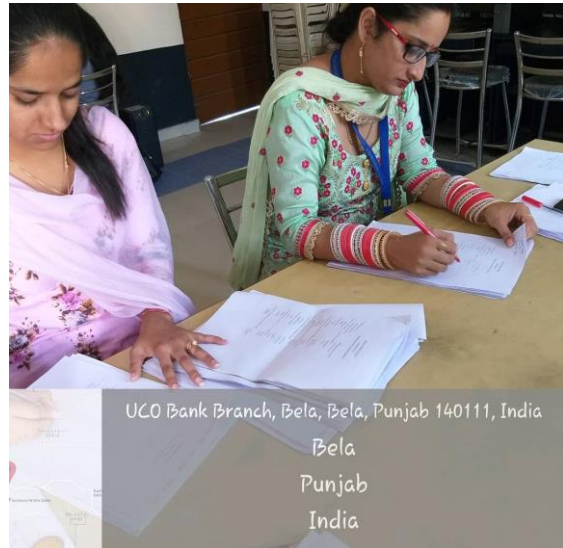
9. DEPARTMENTAL ACTIVITIES

A) IT QUIZ



Unnamed Road, Rasulpur, Punjab 140001, India
Rasulpur
Punjab
India
34°C
02:57

B) Written Quiz



UCO Bank Branch, Bela, Bela, Punjab 140111, India
Bela
Punjab
India

Evaluation by Teachers



Prize and Certification Distribution by Principal

B) INDUSTRIAL VISIT TO IMPINGE SOLUTIONS, TRI CITY



30.712526; 76.691635 NW -5074
Unnamed Road, Industrial Area, Sector
74, Sahibzada Ajit Singh Nagar, Punjab
140308, India

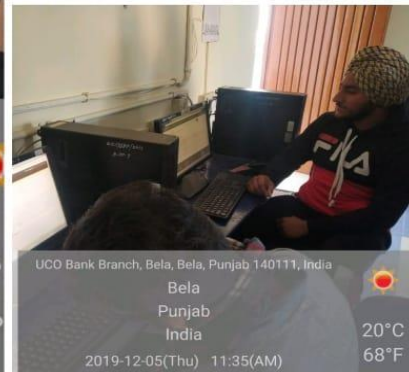
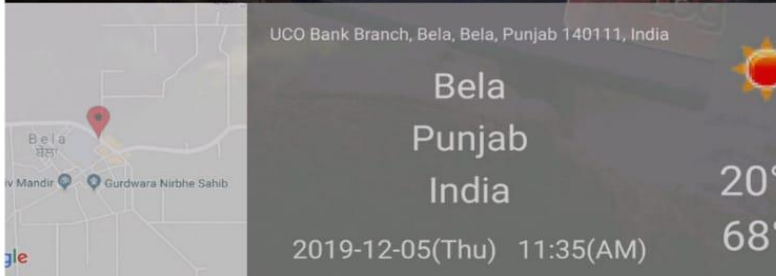
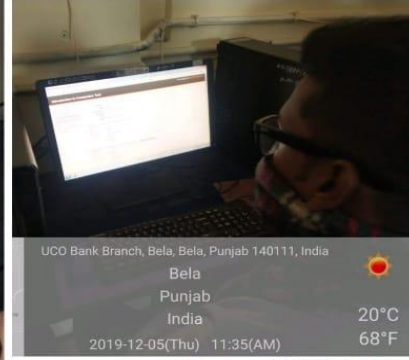
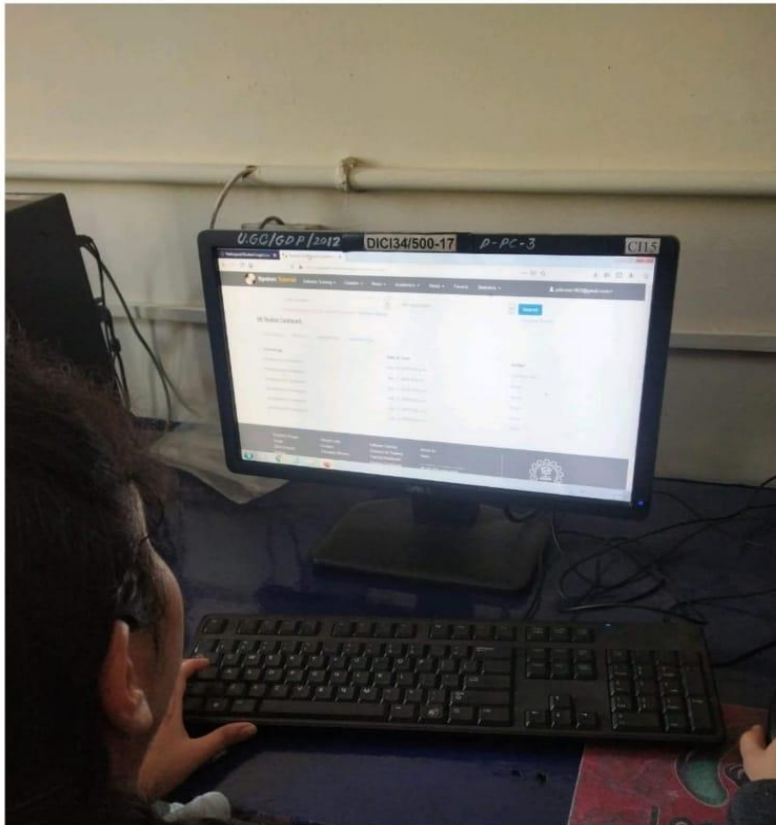
Company Profile: Impinge Solutions, Mohali



30.712696; 76.691833 NW -5501
Unnamed Road, Industrial Area, Sector
74, Sahibzada Ajit Singh Nagar, Punjab
140308, India

Students BCA-3, Faculty from College and Impinge Solutions

C) COMPUTER LITERACY DAY WITH SPOKEN TUTORIAL CERTIFICATION FOR STUDENTS



Students attempting online certification test



D) HARDWARE EQUIPMENTS DEMONSTRATION



Faculty explaining the working



Student checking the hardware device

E) TEACHER'S DAY CELEBRATION



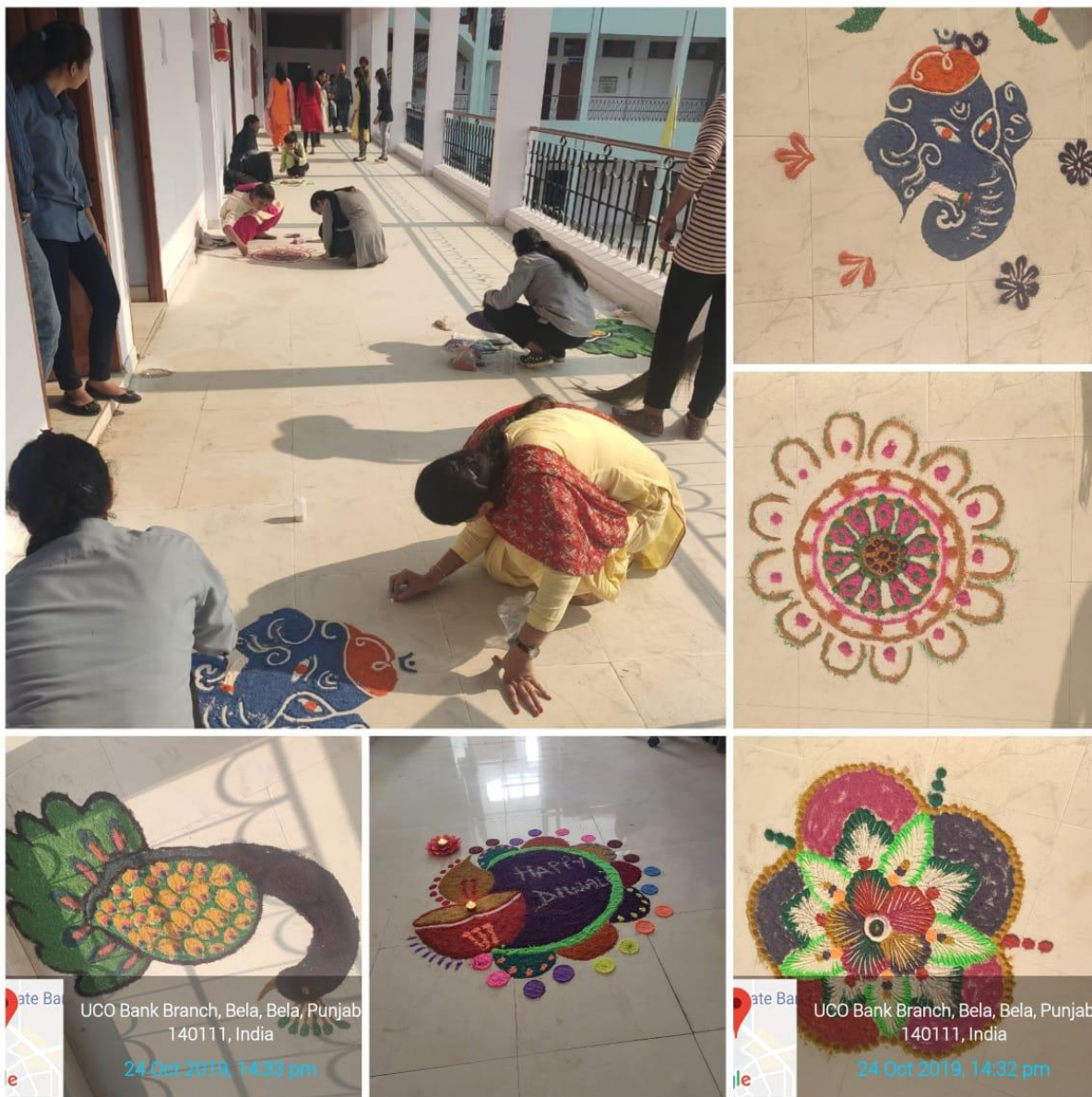
Faculty-Students Celebrating Teacher's Day with the company of Respected Principal

F) WORKSHOP FOR NON-TEACHING STAFF BY DEPARTMENT AND MEMBERS OF IT SOCIETY



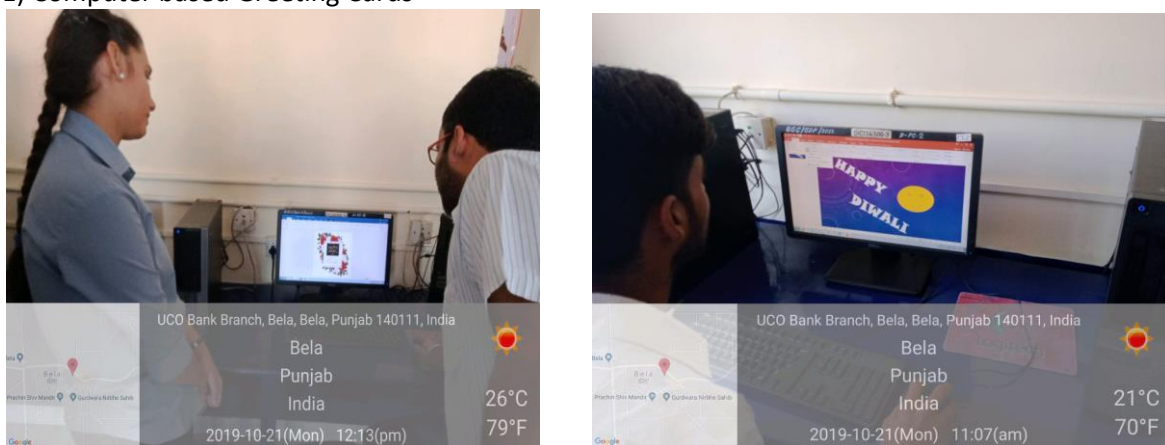
Members of IT Society helping Non-Teaching Faculty

G) RANGOLI COMPETITION ON DIWALI EVE



Student preparing Rangoli and final outputs

E) Computer based Greeting Cards



Faculty checking the greetings computer based greeting

H) COOKING WITHOUT FIRE COMPETITION



Students preparing dishes without fire, final products and judges tasting them

I) CANDLE AND DIYA DECORATIONS



Diyas decorated by students

H) Best out of Waste Creation



Students participating in best out of waste competition and final products

10. SWOC:

STRENGTHS

- Experienced, Qualified and Dedicated faculty.
- Good Enrolment.
- Effective use of ICT.
- Active student association (IT Society).
- Student Centric Teaching.
- Well equipped Labs.

WEAKNESS

- Less industry-institute interaction.
- Lack of industrial training.
- Lack of Placements.
- Less of students pursuing higher education.
- Lack of research opportunities.
- Inadequate space for Labs.

OPPORTUNITIES

- Arranging specialize training programs.
- Arranging seminars & conferences.
- Making the Department research oriented.
- PG programme, MCA for BCA students.
- Project work for students.

CHALLENGES

- Strengthen industry-institute interaction.
- Placements in case Companies.
- Encouraging students for higher studies and competitive exams.
- Focus on industrial training for faculty & students.
- Retention of Faculty.