



Estd. 1892

ਖ਼ਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ

Khalsa College Amritsar

An Autonomous College affiliated to G.N.D.U., Amritsar

UGC Letter No. F.22-1/2013 (AC) Dt. 22-05-2013

(O) : +91-183-2258097

: +91-183-5015511

Fax : +91-183-2255619

Pin : 143002 (Pb.) India

e-mail : khalsacollegeamritsar@yahoo.com

Web : www.khalsacollege.edu.in

◆ A HERITAGE INSTITUTION AND COLLEGE WITH POTENTIAL FOR EXCELLENCE - Status conferred by UGC ◆
◆ NAAC REACCREDITED "A" GRADE (CGPA) ◆ STAR STATUS CONFERRED BY DBT, NEW DELHI ◆ AN ISO CERTIFIED COLLEGE ◆

Capacity Development and Skill Enhancement Activities organised for improving students' capability

❖ Awareness of Trends in Technology

2021-22

- List of Activities
- Proof of Activities

1. Copy of Circular/Brochure/Report of the activity
2. Photographs with date and caption for each activity
3. List of Students participated in each activity

List of Activities relating to Awareness of Trends in Technology

Sr. No.	Name of Activity	Date of Activity	No. of students enrolled	Resource Person/ Department/agencies involved	Page No.
1	International Seminar on Advancing Sustainable Agriculture System	11-05-22	49	P G Department of Agriculture, Khalsa College and FIBL Switzerland	5-15
2	One day Educational Trip to Sukhjit Starch and Chemicals Limited	16-11- 21	67	Sukhjit Starch and Chemicals Limited, Phagwara, Punjab	16-20
3	Science Festival Excelcia 2022 & Guest Lecture on Breaking Glass Ceiling- Oppurtunities in Biotechnology	06-04-22 to 07-04-22	78	P.G. Department of Biotechnology	21-30
4	Orientation Program on 'Skills Sets required to sustain Banking and Financial Sector: A Rendezvous with Reality	15-02-22	76	Mr. Kanwaljit Singh, Lead Trainer, Bajaj Finserv Ltd.	31-37
5	One Week Workshop on Income Tax and E-filing for Students	20-04-22 to 25-04-2022	151	C.A. Sahil Sachdeva	38-50
6	2 days Online Workshop on 'Creating Graphical User Interface Using Python Tkinter'	29-09-21 to 30-09-21	52	VMM Education, Amritsar/Mr. Shalinder Singh, Centre Head	51-54
7	Real Life Applications of Artificial Intelligence	11-03-22	53	Punjabi University Patiala, Dr. Gurpreet Singh Lehal, Professor & Dean	55-60
8	Workshop On Project Development	14-03-22	84	Guru Nanak Dev University, Amritsar/Mr. Sandeep Sood, Senior Programmer	61-66
9	Seminar on FICSI	01-09-21	64	Mr. Rohit Shahi Sr. Executive FICSI	67-72
10	National Webinar on Innovations and Applications in Mathematics	08-02-22	64	Department of Mathematics	73-76
11	Awareness of Various Aspects of Physiotherapy	03-05-22 to 05-05-22	36	Staff Members of the Department- Dr. Manpreet Kaur, Dr. Amanpreet Kaur, Dr. Shubhneet Kaur, Dr. Mehakdeep Kaur , Dr. Aman Navneet Kaur, Khalsa College Amritsar	77-82

12	Non-Surgical Treatment for Pain in Arthritis	12-10-21	33	Dr. Parampreet Singh, Senior Orthopedician, Amandeep Hospital, Amritsar	83-87
13	Webinar on “Intro To Robotics” By 19458 Equilibrium.exe and Inspire Minds	21-04-22	62	19458 Equilibrium.exe and Inspire Minds, Training And Placement Cell	88-94
14	2 Days Workshop on Learning through Low Cost Teaching Aids	22-12-21 to 24-12-21	30	PSCST, Chandigarh	95-99
15	Value Added Course on Introduction to Plant Tissue Culture	2021-22	17	P.G. Department of Biotechnology & Skill Development Centre	100-105
16	Value Added Course in Applications of Computer Software in Chemistry	2021-22	24	P.G. Department of Chemistry & Skill Development Centre	106-112
17	Value Added Course in Basic Principles and instrumentation of commonly used instrument	2021-22	24	P.G. Department of Chemistry & Skill Development Centre	113-118
18	Value Added Course in Food Adulteration & Chemical Testing	2021-22	7	P.G. Department of Chemistry & Skill Development Centre	119-125
19	Value Added Course in Water Quality Analysis	2021-22	37	P.G. Department of Chemistry & Skill Development Centre	126-130
20	Value Added Course in Computerized Accounting Software: Tally	2021-22	30	P.G. Department of Commerce & Business Administration & Skill Development Centre	131-138
21	Certificate Course in Computerized Accounting Software	2021-22	17	P.G. Department of Commerce & Business Administration & Skill Development Centre	139-143
22	Value Added Course in Computerized Accounting Software - Busy	2021-22	29	P.G. Department of Commerce & Business Administration & Skill Development Centre	144-154
23	Value Added Course in Data Analysis and Interpretation	2021-22	21	P.G. Department of Commerce & Business Administration & Skill Development Centre	155-162
24	Value Added Course in Cyber Security	2021-22	15	P.G. Department of Computer Science & Applications & Skill Development Centre	163-170
25	Value Added Course in Cloud Computing	2021-22	16	P.G. Department of Computer Science & Applications & Skill Development Centre	171-178

26	Value Added Course in Basics of Computer Hardware	2021-22	14	P.G. Department of Computer Science & Applications & Skill Development Centre	179-185
27	Value Added Course in Web Designing	2021-22	15	P.G. Department of Computer Science & Applications & Skill Development Centre	186-193
28	Certificate Course in Web Designing	2021-22	39	P.G. Department of Computer Science & Applications & Skill Development Centre	194-201
29	Value Added Course in Office Automation	2021-22	9	P.G. Department of Computer Science & Applications & Skill Development Centre	202-210
30	Value Added Course in Textile Printing Techniques	2021-22	18	P.G. Department of Fashion Designing & Skill Development Centre	211-219
31	Value Added Course in Disaster Management	2021-22	13	Department of Geography & Skill Development Centre	220-225
32	Value Added Course in HISTORY AND HISTORIOGRAPHY	2021-22	16	PG Department of History & Skill Development Centre	226-232
33	Value Added Course in Techniques Of Harmonium With Western And Indian Music System	2021-22	12	P.G. Department of Music & Skill Development Centre	233-240
34	Value Added Course in Data Analysis Using Excel Spreadsheet	2021-22	13	P.G. Department of Physics & Skill Development Centre	241-249
35	Value Added Course in Fundamentals of CRO	2021-22	9	P.G. Department of Physics & Skill Development Centre	250-259
36	Value Added Course in Aerobic Training	2021-22	29	P.G. Department of Physiotherapy & Skill Development Centre	260-266
37	Value Added Course in Vermicomposting	2021-22	18	P.G. Department of Zoology & Skill Development Centre	267-272

DEPARTMENT OF AGRICULTURE

International Seminar on Advancing Sustainable Agriculture Systems: What kind of research partnerships are needed?

Event Date – May 11, 2022

**International Seminar
On
Advancing Sustainable Agriculture Systems :
What kind of research partnerships are needed?**

**Jointly Organized by
Khalsa College Amritsar, India
&
Research Institute of Organic Agriculture (FiBL),
Switzerland**

**Venue:
Seminar Hall, Khalsa College Amritsar, India
Date: 11th May 2022**



DR. AMRITBIR RIAR
Deputy Leader & Sr. Scientist
 Department of International Cooperation



DR. MONIKA MESSMER
Group Leader, Plant Breeding
 Department of Crop Sciences

DR. TANAY JOSHI, Scientist & Country Coordinator

MR. DEEPAK MANGESH, Programme Officer



Khalsa College Amritsar

- Chief Patron
S. Rajinder Mohan Singh Chhina
- Honorary. Secretary.
Patron
Dr. Mehal Singh
Principal
Co-Patron
Dr. Randeep Kaur Bal
Head P.G. Deptt. of Agriculture
- Seminar Convener
Dr. Gurbax Singh
Associate Professor
Dr. Tanay Joshi
Scientist
- Seminar Co-convener
Prof. Satnam Singh
Dean P.G. Deptt. of Agriculture

FiBL Partners :

- Chetna Organics, Odisha
- Action for Social Advancement, M.P
- Center of Sustainable Agriculture, A.P
- Vasudha Swaraj Private Ltd. M.P
- Cotton Connect, M.P
- PDKV, Akola, M.H
- RVSKVV, Gwalior, M.P

Organizing Committee

- Dr. Sukhdev Singh
- Dr. Rakesh Sharma
- Dr. Kanwaljit Singh
- Dr. Lavleen Kaur
- Dr. Amarjit Kaur
- Dr. Veerpartap Singh
- Prof. Navjot Singh
- Prof. Priyanka
- Prof. Gurkirat Singh

- Prof. Sarabjit Singh
- Dr. Gagandeep Singh
- Prof. Gurleen Kaur
- Prof. Maninder Singh
- Dr. Vipasha Negi
- Prof. Mandeep Kaur
- Prof. Samreet Kaur
- Prof. Gurleen Kaur
- Prof. Navdeep Kaur

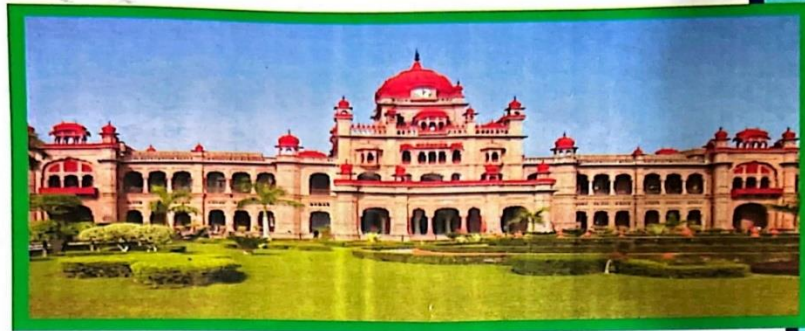


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SEMINAR PROGRAMME

Time	Event	Key Person
14:00 - 14:15	Welcome and seminar background	Dr. Gurbax Singh
14:15 - 14:30	Introductory remarks	Dr. Mehal Singh
14:30 - 15:00	Keynote Speech - 1	Dr. Amritbir Riar
15:00 - 15:30	Keynote Speech - 2	Dr. Monika Messmer
15:30 - 16:15	Panel Discussion: where to where	
16:15 - 16:30	in the short and medium-term	Dr. Tanay Joshi
	Vote of thanks	Dr. Randeep Kaur Bal
16:30 - 17:00	Tea Break	
17:00 - 18:00	Visit to college facilities	Prof. Satnam Singh





Khalsa College, the premier-most institute of higher learning, was established by the leaders of the Singh Sabha Movement in 1892 with the aim of disseminating value oriented education in the field of Humanities, Agriculture, Science & technology.



The Research Institute of Organic Agriculture (FiBL) is one of the world's leading organic farming information and research centres. It promotes research and projects that help farmers to improve their productivity with consideration of environmental and health impacts.

Supported By :



**Mercator
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Switzerland**



KHALSA COLLEGE AMRITSAR

An Autonomous College
NAAC accredited 'A' Grade (CGPA)
College with Potential for Excellence Status Conferred by UGC
Approved by Punjab State Council for Agricultural Education, Chandigarh



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**Seeding the
Green Future**



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No. 2014/1421

Dated 12/5/2022

Activity Report

Activity – One day seminar on “Advancing Sustainable Agriculture System “

On the one hand excessive use of pesticides and chemical fertilizers has led to contamination of soil water and air resources which ultimately has deteriorated soil and human health; on the other hand, it has led to an increase in the cost of cultivation and ultimately resulted in decline in farm income. To apprise the students of the harmful effect of pesticides and fertilizers, One day International Seminar on “Advancing Sustainable Agriculture System” was jointly organized by Khalsa college Amritsar and Research Institute of Organic Agriculture (FIBIL) Switzerland on 11.05.2022. Around 49 students attended the seminar .Dr. Amritbir Riar (Deputy Leader and Sr. Scientist, Department of International Cooperation) and Dr Monika Mesmer (Group Leader Plant Breeding Department of Crop Sciences) gave informative lectures on the advances in organic farming at the international level. Students and faculty members attended the seminar.

Randeep Kaur
(Dr. Randeep Kaur)
Head



**Head of Department, Agriculture Department with the resource persons of the seminar
(11-05-2022)**

Registration Forms

International Seminar on Advancing Sustainable Agricultural
Systems: What Kind of Research Partnerships are Needed.

11.05.2022

Sr. No.	Name	Designation	Institution From	Contact No	Signature
1.	Absdeep Singh	Student M.Sc Agrionomy	KLA	84371-0160	Absdeep Singh
2.	Anmolinder Singh	BSc Agri	KCA	82644-5735	Anmolinder Singh
3	Harpreet Singh	BSc Agri	..	771050167	Harpreet Singh
4	Deepreet	BSc Agri	KCA	826429322	Deepreet
5	Gurwinder	BSc Agri	KCA	8127038059	Gurwinder Singh
6	Ramandeep Singh	BSc Agri	KCA	9815390228	Ramandeep Singh
7	Manmeet Singh	M.Sc. Agri	KCA	84379-06872	Manmeet Singh
8	Nehreet Singh	M.Sc Agri	KCA	978043688	Nehreet Singh
9.	Ramanpreet Singh	BSc Agri	KCA	97804-1043	Ramanpreet Singh
10	Akashdeep Singh	BJMC	KCA	9876650424	Akashdeep Singh

Registration Forms

**International Seminar on Advancing Sustainable Agricultural
Systems: What Kind of Research Partnerships are Needed?**

11.05.2022

Sr. No.	Name	Designation	Institution From	Contact No	Signature
1.	Kiranpreet Kaur	Student M.Sc. Agri. Agro (Sem II)	Khalsa College, Amritsar	88277-39936	Kiranpreet kaur
2.	Jasmandeep Singh	Student M.Sc. Agri. Agro (Sem II)	"	97812-23149	Jasmandeep Singh
3.	Shamsher Singh	"	"	62837-10804	Shamsher Singh
4.	Rajot Kaur	Student M.Sc. Agri. Agro Sem IV	"	73474-96093	Rajot kaur
5.	Parvinder Kaur	student M.Sc. Agri. Agro IV sem	"	90231-47526	Parvinder kaur
6.	Akandeep Kaur	Student M.Sc. Ag. Soil Science IV	"	9872543912	Akandeep
7. ✓	Akshdeep Singh Thind	Student Bsc Agri. Sem IV	"	7973848576	Akshdeep
8. ✓	Amuragdeep Singh Ranolkhara	Student BSc Agri Sem IV	"	7508384002	Amurag Singh
9.	Raghav Goyal	Student BSc Agri Sem IV	"	9660068215	Raghav
10.	Kuldeep Singh	Student BSc Agri Sem IV	"	97812-53994	Kuldeep Singh

Registration Forms

**International Seminar on Advancing Sustainable Agricultural
Systems: What Kind of Research Partnerships are Needed.**

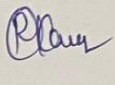
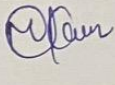
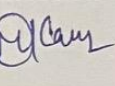

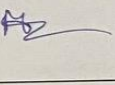
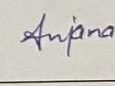
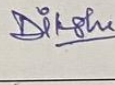
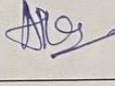
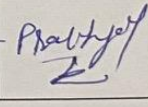
11.05.2022

Sr. No.	Name	Designation	Institution From	Contact No	Signature
→ 11	Shivraj Singh Raghuvanshi	Cotton Breeder	Pratiba SynTex Ltd. Bhindre (M.P.)	9340116149 9685630520	
→ 12	Deepak Mangesh G.R.	Program Offices	FIBL, India	8431082793	
13	Dr Surbhi Bansal	Asst. prof	Khalsa College, AMR	7837572730	
14.	Pavna Sharma	student	Khalsa College Amritsar	88476 -86863	
15	Mampreet Singh	Student	Khalsa College Amritsar	9459676623	
16	Harkirat Singh	student	Khalsa college Amritsar	62847-14969	Harkirat Singh
17	Dr CS Aulakh	Principal Agronomist	PAU Ludhiana	988835004	
18.	Dr Amandeep Sidhu	Agronomist	PAU Ludhiana	9872664899	
19	Dr Jashanjot Kaur	Agronomist	PAU Ludhiana	7009326307	

Registration Forms

**International Seminar on Advancing Sustainable Agricultural
Systems: What Kind of Research Partnerships are Needed.**

11.05.2022

Sr. No.	Name	Designation	Institution From	Contact No	Signature
1. +	Ranjeet Kaur	AP	Global Institutes	98145-50 452	
2.	Manjit Kaur	Student	Khalsa College	98148-90880	
3. +	Mandeep Kaur	AP	Global Institutes	8194972022	
4.	Pawanpreet Kaur	Student	Khalsa college	99148-6252	
5.	Mandeep Kaur	student	Khalsa College	6280054766	
6.	Anjana Thakur	Student	Khalsa College	7986654631	
7.	Diksha	Student	Khalsa College	7087570081	
8	Alka Saini	Student	Khalsa college	8679020767	
9.	Navdeep Kaur	Student	Khalsa college	6283633184	Navdeep
10.	Prabhjot Kaur	Student M.Sc. Horticulture	Khalsa College	628 3564105	

Sr. No.	Name	Designation	Institution From	Contact No.	Signature
1.	Anshpreet Kaur	Student	Agriculture Department	7710510787	Anshpreet Kaur
2.	Jaspreet Kaur	Student	Agriculture Department	8847038044	Jaspreet Kaur
3.	Satinder Singh	Student	Agri. Deptt.	84371-41371	Satinder Singh
4.	Harjot Singh	Student	Agri Deptt.	84978-70197	Harjot Singh
5.	Preetika Nabh	Student	Agri department	9814931551	Preetika
6.	Anmolpreet Kaur	Student	KICA	8427700003	Anmolpreet Kaur
7.	Rohit	Student	Agri. Deptt.	7888340306	Rohit
8.	Parashpreet Kaur Sandhu	Student	Agri. Deptt.	9023500088	Parashpreet Kaur Sandhu
9.	Nitish	Student	Agri deptt	7009940183	Nitish
10.	Robinderp	Student	Agri deptt	75290-34767	Robinderp

- **NAME OF ACTIVITY:** Educational trip of B.Sc. and M.Sc. Biotechnology students to Sukhjit Starch and Chemicals Limited
- **DATE AND YEAR:** November 16, 2021
- **NO. OF STUDENTS VISITED:** 67

KHALSA COLLEGE AMRITSAR
EDUCATIONAL TRIP
TO
SUKHJIT STARCH & CHEMICALS LIMITED
16TH NOVEMBER, 2021
ORGANIZED BY
PG DEPARTMENT OF BIO-TECHNOLOGY



P. G. Department of Biotechnology
Khalsa College, Amritsar – 143002, (Pb.), India
(An Autonomous College)

Email: kcabiotech@gmail.com

Tel: +91-183-5071722

Ref. No. _____/BT

Dated 16-11-2021

REPORT OF ACTIVITY

NAME OF ACTIVITY: Educational trip of Biotechnology students to Sukhjit Starch and Chemicals Limited

DATE AND YEAR: November 16, 2021

NO. OF STUDENTS VISITED: 67

The department organized an educational trip of B.Sc. and M.Sc. Biotechnology students on 16/11/2021 to Sukhjit Starch and Chemicals Limited, Phagwara. Dr. Balwinder Singh and Dr. Madhavi had planned and organized the trip. The Sukhjit Starch and Chemicals Limited is engaged in manufacturing edible maize starch, dextrin, dextrose monohydrate (glucose), anhydrous dextrose, sorbitol and various other by-products from maize. These products are used by pharmaceutical, food, textile and paper industries. Students were introduced to the functioning of different units of the industry such as sampling, loading, manufacturing, packaging units and quality assurance laboratories. During this trip, students gained the practical knowledge about development of dextrose monohydrate, anhydrous dextrose, sorbitol and starch for maize. A total of 67 students participated in the seminar. The students were benefited a lot from the Educational trip.

Educational trip of B.Sc. and M.Sc. Biotechnology students Sukhjit Starch and Chemicals Limited held on November 16, 2021



Visit to Sukhjit Starch and Chemicals Ltd. (16-11-2021)

LIST OF STUDENTS ATTENDED THE INDUSTRIAL VISIT
(November 16, 2021)

1. MANJINDER KOUR
2. CHAHAT
3. EKAM KAUR
4. GURJEET SINGH
5. RAJDEEP SINGH BHULLAR
6. NAVROOP KAUR
7. MANPREET KAUR
8. RAHUL SHARMA
9. GOPIKA CHOPRA
10. NAVYA SEHGAL
11. EMANPREET KAUR
12. JUGRAJ SINGH
13. ANKITA
14. NAVNEET KAUR
15. DIYA BHANOT
16. SLOMAN BAJAJ
17. TEJAL PADDA
18. RUPINDERJIT KAUR
19. NAVPREET KAUR
20. AMANPREET KAUR
21. ANMOL SINGH
22. SIMRAN KAUR
23. ASHNEET
24. MUSKAN
25. KOMALPREET
26. GAGANDEEP KAUR
27. VANSHIKA BHARDWAJ
28. MILAN KATOCH
29. TARANPREET KAUR
30. BHAMTI
31. NITASHA
32. KIRANDEEP KAUR
33. PRABHLEEN KAUR
34. SIMRANJIT KAUR
35. KOMALPREET KAUR
36. SNA AMTUL WADOOD KAFIA
37. RAJNEESH KAUR
38. ALISHA PANDIT
39. AARZOO
40. PAHULJIT KAUR
41. SHUBHANGNI
42. M K L SINGH BHULLAR
43. GURLEEN KAUR
44. MANBIR SINGH BAL
45. SANAT KHANNA
46. SUKHMANI KAUR
47. PALAK
48. PARVEEN KAUR

49. ANSHU BHAGAT
50. PARMINDER KUMAR
51. NAVPREET KAUR
52. DEEP BAYEN
53. GAGANDEEP SINGH
54. MUSKAN DUTTA
55. KARAMJEET KAUR
56. HITASHA THAKUR
57. LOHITASH PUNJ
58. ROMI BALA
59. TANIA
60. MANJOT KAUR
61. LOVEPREET KAUR
62. SHIVALIKA
63. LOVEJOTPREET KAUR
64. MANBIR KAUR
65. ARUNDHAT VASHISHT
66. RAMANJIT KAUR
67. SAMSON

TEACHER INCHARGE:

Navmanpreet

HOD:

KM

- **NAME OF ACTIVITY:** Science Festival Excelcia 2022 & Guest Lecture on Breaking Glass Ceiling- Oppurtunities in Biotechnology
- **DATE AND YEAR:** April 6- 7 2022
- **NO. OF STUDENTS PARTICIPATING:** 78

SCIENCE FESTIVAL

Excelcia 2022

&

GUEST LECTURE ON

Breaking the Glass Ceiling - Opportunities in Biotechnology

DATE : 6TH –7TH APRIL 2022

VENUE : AUDITORIUM
P.G. DEPARTMENT OF BIOTECHNOLOGY

SCHEDULE OF EVENTS

6th April:

09:00-10:00 am	Spot registration & distribution of team numbers for Bio-Display & Bio-Post
10:00-11:00 am	Bio-Script
11:00-12:00 pm	Talk a poem
12:00-01:00 pm	Bio-Art
02:00-03:00 pm	BT-Garden

7th April:

09:00-10:30 am	Spot registration
10:30-11:00 am	Inauguration of the events
11:00-12:00 pm	Guest lecture Ms. Jahnabee Devi, <i>Clinical Business Manager, Nestle India</i>
12:00 pm	Exhibition open for public
01:00-02:00 pm	Lunch
02:00-03:00 pm	Cultural program
03:00-04:00 pm	Prize Distribution and Valedictory

Chief Patron
Sardar Satyajit Singh Majithia ji
(President)
Khalsa College Charitable Society, Amritsar

Chief Coordinator
Dr. Mehal Singh
(Principal)
Khalsa College Amritsar

Patron
Sardar Rajinder Mohan Singh Chinna ji
(Hon. Secretary)
Khalsa College Charitable Society, Amritsar

Coordinator
Dr. Kamaljit Kaur
(Head) P.G Deptt. of Biotechnology
Khalsa College Amritsar

Organizing Secretaries

Dr. Mukesh Chander	Dr. Amanpreet Kaur Sidhu	Dr. Madhvi Sharma
--------------------	--------------------------	-------------------

Organizing Committee

Dr. Balwinder Singh	Dr. Jaspreet Singh	Dr. Payal Kapoor
Dr. Amanpreet Kaur Virk	Dr. Harmanpreet Kaur Gill	

Contact

P.G Department of Biotechnology
Khalsa College Amritsar. Email- kcabiotech@gmail.com
Dr. Amanpreet Kaur Sidhu- 9623291607
Dr. Madhvi Sharma - 9149485998



ORGANIZED BY:
POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY
Khalsa College, Amritsar-143005



Estd:1892

P. G. Department of Biotechnology
Khalsa College, Amritsar – 143002, (Pb.), India
(An Autonomous College)

Email: kcabiotech@gmail.com

Tel: +91-183-5071722

Ref. No. _____/BT

Dated 06-04-2022

REPORT OF ACTIVITY:

NAME OF ACTIVITY: Science festival Excelsia 2022 & Guest Lecture on Breaking Glass Ceiling- Opportunities in Biotechnology

DATE AND YEAR: April 6- 7 2022

NO. OF STUDENTS PARTICIPATING: 78

The Khalsa College, Amritsar is a premier and reputed educational institute of North India. Under the patronage and able guidance of our worthy principal Dr. Mehal Singh ji, Biotechnology Society of P.G. department of Biotechnology, organised a two day multi-event science extravaganza entitled, "Excelsia -2022" on 6th – 7 th April, 2022. This is the third seminar in career guidance series. The function was presided over by our worthy principal Dr. Mehal Singh ji. Dr. Kamaljit Kaur, Head of department, formally welcomed Principal Ji, Dr. Taminder Bhatia, Prof Devender Singh ji, Ms. Jahnabee and other honourables. She orated the citation and curriculum vitae of Ms. Jahnabee. Dr. Mehal Singh ji welcomed the guest speaker and highlighted the role of science festivals and participation of students in such activities for their all-round personal, social and professional development. The guest of honour, Ms. Jahnabee Devi, Clinical Business Manager, Nestle, India, a dynamic and young entrepreneur who with the background of Medical Biotechnology, raised a carrier over last few years to become a career guide, motivational speaker and business development officer, enlightened the students about career prospects in biotechnology through her lecture entitled, "Breaking the Glass Ceiling Opportunities in Biotechnology". She gave a detailed talk on scope of Biotechnology in field of pharma, food, medical diagnostics, technology analyst, and the job prospects for Biotechnology students in these fields. She shared her live and field experiences with the students and gave them useful tips for opting for a good career by understanding their inert potential, likes and preferences to the types of job they like. She interacted with the students and answered their queries during discussion to suggest best options regarding their future career. A total of sixty two teams out of about 200 participants from different science departments participated in the six events on themes of Bio-script, Talk a poem, Bio-art, BT-garden, Bio-post etc. A mega cultural event was also organised by the students of department. The cultural items of Gidha, Bhangra, Play, Classical songs were the events of day. Dr. Balwinder Singh gave vote of thanks to the speaker and other dignitaries. The function was organised by Dr. Jaspreet Singh, Dr. Mukesh Chander, Dr. Payal Kapoor, Dr. Amanpreet Kaur Virk, Dr. Amanpreet Kaur Sidhu, and Dr. Madhvi Sharma and attended by all the teaching and non-teaching staff of the department.

KHALSA COLLEGE AMRITSAR

**Science Excelcia – 2022
on 6th and 7th April, 2022**

To organize the Event smoothly and effectively, the following committees have been constituted by the undersigned:

Co-ordinator	Dr. Kamaljit Kaur
Welcome Committee	Dr. Balwinder Singh (Convener) <i>BS</i> Dr. Mukesh Chander <i>M</i> Dr. Jaspreet Singh Dr. Amanpreet Kaur Virk <i>Amanpreet kaur virk</i> M.Sc. IV: Lovepreet, Arundhati B.Sc. VI: Ashneet, Komal Preet Vanshika, Sanat B.Sc. IV: Gopika, Navpreet B.Sc. II : Gurjoban, Harleen Kaur Ms Manpreet Kaur <i>Manpreet</i>
Stage handling/sound system and Multimedia Committee	Dr. Mukesh Chander (Convener) <i>M</i> Dr. Amanpreet Kaur Sidhu <i>Sidhu</i> Dr. Madhvi Sharma <i>Madhvi</i> M.Sc. IV :Lovepreet, Samson B.Sc. VI: Vanshika, Alisha, Komal Preet, Sanat B.Sc. IV: Chahat, Gopika, Rajdeep Singh S. Sharanjot Singh
Catering/Refreshment Committee	Dr. Balwinder Singh (Convener) <i>BS</i> Dr. Jaspreet Singh M.Sc. II: Deep, Gagandeep Singh B.Sc. II: Jashandeep Singh, Akanksha, Sakshi Joshi B.Sc. VI: Shubhangni, Sana, Manbir Singh B.Sc. IV: Rahul, Gurjeet Mr. Rohit Kumar, Mr. Amit Kumar <i>quit</i>
Purchase Committee (Bouquet/Memento/Certificates /Banners)	Dr. Harmanpreet Kaur Gill (Convener) <i>Harmanpreet</i> Dr. Madhvi Sharma <i>Madhvi</i> Dr. Amanpreet Kaur Virk <i>Amanpreet kaur virk</i> B.Sc. IV: Ekam, Navneet, Simran B.Sc. VI: Kirandeep, Taranpreet, Simranjeet Kaur B.Sc. II: Harleen, Akanksha S. Baldev Singh, Mr. Mirja Lal <i>Mirja</i>
Reception / Registration / Certificate preparation Committee	Prof. Harmanpreet Kaur Gill (Convener) <i>Harmanpreet</i> Dr. Payal Kapoor <i>PK</i> Dr. Amanpreet Kaur Virk <i>Amanpreet kaur virk</i> M.Sc. II: Karamjeet, Hitasha B.Sc. VI: Palak, Komalpreet Kaur, Anshu, Parminder B.Sc. IV: Navneet, Simran Mr. Mirza Lal, Ms. Manpreet Kaur <i>Manpreet</i>

Discipline Committee	Dr. Payal Kapoor (Convener) <i>PK</i> Dr. Amanpreet Kaur Virk <i>Amanpreet kaur virk</i> M.Sc. IV: Arundhati, Shivalika M.Sc. II: Muskan, Manjot B.Sc. II: Sakshi, Harleen B.Sc. VI: Milan, Simranjit, Gagandeep, Alisha, Gurleen, MKL Singh, Pahuljit, Manbir, Parminder B.Sc. IV: Navroop, Ekam, Manjinder, Navneet, Emanpreet Baldev Singh, Mr. Rohit Kumar <i>BS</i>
Stage Set up/ Decoration Committee	Dr. Amanpreet Kaur Sidhu (Convener) <i>Sidhu</i> Dr. Madhvi Sharma <i>Madhvi</i> Dr. Amanpreet Kaur Virk <i>Amanpreet kaur virk</i> M.Sc. II: Gagandeep, Romi Bala, Deep B.Sc. VI: Taranpreet, Kirandeep, Gurleen Kaur B.Sc. IV: Anmol, Sloman, Tejal, Rahul, Mr. Mirja Lal, Mr. Rohit Kumar, Ms. Manpreet Kaur <i>Manpreet</i>
Press Note	Dr. Mukesh Chander <i>M</i>

Mehal Singh
(Dr. Mehal Singh)
Principal
BS

P.G.Department of Biotechnology

(BIOTECHNOLOGY SOCIETY)

List of In-charge/Conveners and Student volunteers of various Committees for Science Excelcia – 2022

S.No.	In-charge/Conveners	Event	Non-Teaching volunteer
1.	Dr. Amanpreet Kaur Sidhu, Dr. Harmanpreet Kaur Gill <i>Amanpreet Sidhu. Harmanpreet.</i>	Bio – Scripts Date: 6 th April 2022 Time: 10:00 – 11:00 pm	S. Sharanjot Singh Mr. Amit Kumar <i>Amit</i>
2.	Dr. Madhvi Sharma, <i>MS Sharma</i> Dr. Payal Kapoor <i>PK.</i>	Talk a Poem Date: 6 th April 2022 Time: 11:00 – 12:00 pm	Mr. Rohit Kumar Ms. Manpreet Kaur <i>Manpreet Kaur</i>
3.	Dr. Jaspreet Singh, Dr. Amanpreet Kaur Virk <i>Amanpreet Kaur Virk</i>	Bio – Art Date: 6 th April 2022 Time: 12:00 – 01:00 pm	S. Baldev Singh, <i>BS Singh</i> Ms Manpreet Kaur <i>Manpreet Kaur</i>
4.	Dr. Amanpreet Kaur Virk, Dr. Harmanpreet Kaur Gill <i>Harmanpreet. Amanpreet Kaur Virk</i>	BT – Garden Date: 6 th April 2022 Time: 02:00 – 03:00 pm	Mr. Mirza Lal <i>Mirza</i> S. Sharanjot Singh
5.	Dr. Balwinder Singh, <i>Balwinder</i> Dr. Payal Kapoor <i>PK.</i>	Bio – Display Date: 7 th April 2022 Time: 12:00 pm onwards	Mr. Mirza Lal <i>Mirza</i> Mr. Amit Kumar <i>Amit</i>
6.	Dr. Mukesh Chander, <i>Mukesh</i> Dr. Harmanpreet Kaur Gill <i>Harmanpreet.</i>	Bio – Post Date: 7 th April 2022 Time: 12:00 pm onwards	S. Sharanjot Singh Mr. Rohit Kumar



Principal Dr. Mehal Singh ji. Dr. Kamaljit Kaur, Head of department, Dr. Taminder Bhatia, Dr. Jasjeet Randhawa with the guest of honour, Ms. Jahnabee Devi, Clinical Business Manager, Nestle, India (06-04-2022)



Students presenting their models in “Excelcia -2022” on 6th – 7 th April, 2022 (06-04-2022)



Students present during “Excelcia -2022” on 6th – 7 th April, 2022 (06-04-2022)



Judges evaluating the performance (07-04-2022)





Rangoli and model building by the students of Biotechnology Department (07-04-2022)

LIST OF STUDENTS ATTENDED THE EVENT
**"Science festival Excelia 2022 & Guest Lecture on Breaking Glass Ceiling-
Opportunities in Biotechnology"**
(April 6- 7 2022)

1. SUBHA SHREE SINGH
2. HARLEEN KAUR
3. YASHIKA
4. ANUREET KAUR
5. MEHAKPREET KAUR
6. SUMANPREET KAUR
7. DEEPIKA ARORA
8. JASHANDEEP SINGH
9. SHEHNAZ KAUR SANDHU
10. AKANKSHA THAKUR
11. ROOPSI THAKUR
12. JAPREET KAUR
13. KOMAL MAURYA
14. NANDINI VASAL
15. VANYA ANAND
16. NAVROOP KAUR
17. MEETIKA
18. SAKSHI JOSHI
19. GURMEHAR SINGH
20. GURJOBAN SINGH
21. JASPREET KAUR
22. SIMRANJEET KAUR
23. SARABJIT BATTH
24. ASHWARJEET SINGH
25. ADHYANSH SHIVGOTRA
26. GURLEEN KAUR
27. SUKHPREET KAUR
28. LAVLEEN
29. ANIKET BAINS
30. TEJBEER SINGH
31. ANJALI
32. DEEPIKA
33. DIVYA
34. AAKANKSHA
35. MANJINDER KOUR
36. CHAHAT
37. EKAM KAUR
38. GURJEET SINGH
39. RAJDEEP SINGH BHULLAR
40. NAVROOP KAUR
41. MANPREET KAUR
42. RAHUL SHARMA
43. GOPIKA CHOPRA
44. NAVYA SEHGAL
45. EMANPREET KAUR
46. JUGRAJ SINGH

47. ANKITA
48. NAVNEET KAUR
49. DIYA BHANOT
50. SLOMAN BAJAJ
51. TEJAL PADDA
52. RUPINDERJIT KAUR
53. NAVPREET KAUR
54. AMANPREET KAUR
55. ANMOL SINGH
56. SIMRAN KAUR
57. ASHNEET
58. MUSKAN
59. KOMALPREET
60. GAGANDEEP KAUR
61. VANSHIKA BHARDWAJ
62. MILAN KATOCH
63. TARANPREET KAUR
64. BHAMTI
65. NITASHA
66. KIRANDEEP KAUR
67. PRABHLEEN KAUR
68. SIMRANJIT KAUR
69. KOMALPREET KAUR
70. SNA AMTUL WADOOD KAFIA
71. RAJNEESH KAUR
72. ALISHA PANDIT
73. AARZOO
74. PAHULJIT KAUR
75. SHUBHANGNI
76. M K L SINGH BHULLAR
77. GURLEEN KAUR
78. MANBIR SINGH BAL

TEACHER INCHARGE:

Amanpreet Kaur Vire

HOD:


KP

P.G. Department of Commerce & Business Administration

Name of The Event : "Orientation Program on 'Skills Sets required to sustain Banking and Financial Sector: A Rendezvous with Reality'"

Date of The Event : 15th February, 2022

Resource person : Mr. Kanwaljit Singh



The form is a document titled "Activity Report" from Khalsa College Amritsar. It features the college's logo and name at the top, along with contact information. The report details an orientation program on banking and financial skills held on February 15, 2022, led by Mr. Kanwaljit Singh. The text describes the program's objectives, supervision by Dr. Mehal Singh, and the participation of over 100 students. It concludes with a signature from Dr. A.K. Kahlon, Head & Dean.

Khalsa College Amritsar
(An Autonomous College)
PG DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION
Tel.: +91-94658-84606, 94636-37098 Email : commercekhalsacollege@yahoo.in

Ref. No. 1216/2022-23 **Activity Report** Date 17/2/2022

Name of The Event : "Orientation Program on 'Skills Sets Required to Sustain Banking and Financial Sector: A Rendezvous with Reality'"

Date of The Event : 15th February, 2022

Resource person : Mr. Kanwaljit Singh

The Post-Graduate Department of Commerce and Business Administration, Khalsa College, Amritsar organized an Orientation Program on 'Skills Sets required to sustain Banking and Financial Sector: A Rendezvous with Reality' on 15th February, 2022. Mr. Kanwaljit Singh lead trainer of Punjab Bajaj Finserv, was the resource person in the programme. Mr. Kanwaljit Singh possesses vast and in-depth knowledge of financial services. The primary objective of the programme was to provide guidance on the various skills required for rendering banking and financial services.

The programme was planned and executed under the supervision of Dr. Mehal Singh (Principal and Programme Chairman) and Dr. A. K Kahlon (Dean, Head and Programme Director). PG Department of Commerce & Business Administration, welcomed the resource person, Dr. Ajay Sehgal (Programme Coordinator) introduced the distinguished guest. Dr. Samiya (Assistant Professor) conducted the stage and threw light upon the theme of the programme.

Mr. Kanwaljit Singh explained the various national level CSR initiatives undertaken by Bajaj Finserv for benefit of the students. He also highlighted on the ways of improving communication and workplace skills to the participants.

More than 100 students from commerce department participated in the programme and gained knowledge about the skills required for the jobs and interview.

Dr. Sawraj Kaur, Dr. Deepak Devgan, Dr. Poonam Sharma, Dr. Rachhpal Singh and other faculty members of Commerce department were present during the programme.

A. K. Kahlon
Dr. A.K. Kahlon
(Head & Dean)

Photographs of Orientation Program on 'Skills Sets required to sustain Banking and Financial Sector: A Rendezvous with Reality

(15-02-2022)



Dr. A.K. Kahlon (H.O.D, Dean & Workshop Director), Dr. Sawraj Kaur, Dr. Deepak Devgan (Workshop Co-Coordinator), Dr. Poonam Sharma, Dr. Ajay Sehgal welcoming the Resource Person Mr.Kanwaljit Singh (15-02-2022)



Dr. A.K. Kahlon (H.O.D, Dean & Workshop Director), Dr. Sawraj Kaur, Dr. Deepak Devgan (Workshop Co-Coordinator), Dr. Poonam Sharma, Dr. Ajay Sehgal welcoming the Resource Person Mr.Kanwaljit Singh. (15-02-2022)



Resource Person Mr.Kanwaljit Singh delivering lecture (15-02-2022)

The



Students attending the Orientation Program (15-02-2022)

PG DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

KHALSA COLLEGE AMRITSAR

The Post-Graduate Department of Commerce and Business Administration organized
an Orientation Program on 15th February, 2022

S. No.	Class	Roll No.	Name of Student	Signature
1	BBA 1 st Sem B	20301085	Mandeep Singh	
2	BBA 1 st Sem B	20301087	Akashdeep Kaur	
3	BBA 1 st Sem (B)	20301083	Aashdeep Singh	
4	BBA 1 st Sem (B)	20301108	Kashish Anand	
5	BBA 1 st Sem (B)	20301110	Muskan Sharma	
6	BBA 1 st Sem (B)	20301094	Akashdeep Singh	
7	BBA 1 st Sem (B)	20301109	Nandani Mahajan	
8	BBA 1 st Sem (B)	20301079	Anmol Singh	
9	BBA 1 st Sem (A)	20301009	Lovepreet Singh	
10	BBA 1 st Sem (A)	20301010	Narbir Singh	
11	BBA 1 st Sem (A)	20301020	Mangot Kaur	
12	BBA 1 st Sem (A)	20301022	Aashpreet Kaur	
13	B.com 2 nd Sem (H)	21303005	Mansha	
14	B.com 2 nd Sem (H)	21303009	Jaswinder Kaur	
15	B.com 2 nd Sem (H)	21303014	Aashdeep Kaur	
16	B.com 2 nd Sem (H)	21303011	Somjitpal Singh	
17	B.com 2 nd Sem (H)	21303003	Arpanpreet	
18	B.com 2 nd Sem (H)	21303019	Simranjit Kaur	
19	B.com 2 nd Sem (H)	21303015	Samrajit Singh	

Shubh

S. No.	Class	Roll No.	Name of Student	Signature
20	B.com 2 nd Sem(H)	21303016	Samanpreet Kaur	
21	B.com 2 nd Sem(H)	21303020	Jashanpreet Singh	
22	B.com 2 nd Sem(H)	21303022	Manpreet Kaur	
23	B.com 2 nd Sem(H)	21303021	Nandaw Bhatia	
24	B.com 6 th Sem(H)	19303003	Karen Bokshi	
25	B.com 6 th Sem(H)	19303007	Mansot Kaur	
26	B.com 6 th Sem(H)	19303018	Sakshi	
27	B.com 6 th Sem(H)	19303014	Kamaldeep Kaur	
28	B.com 6 th Sem(H)	19303024	Simranjeet Kaur	
29	B.com 6 th Sem(H)	19303023	Komalpreet Kaur	
30	B.com 6 th Sem(H)	19303037	Radha	
31	BBA 4 th Sem(B)	20301129	Komalpreet Kaur	
32	BBA 4 th Sem(B)	20301137	Nawroop Singh	
33	BBA 4 th Sem(B)	20301148	Arshdeep Kaur	
34	BBA 4 th Sem(B)	20301143	Sudhanshu Kumar	
35	BBA 4 th Sem(B)	20301154	Yogesh	
36	B.com 2 nd Sem(H)	21303041	Diksha	
37	B.com 2 nd Sem(H)	21303053	Anubhav	
38	B.com 2 nd Sem(H)	21303030	Amit Thakur	

S. No.	Class	Roll No.	Name of Student	Signature
39	B.Com (6 th Sem B)	19302006	Dansh Mahajan	Dansh
40	B.Com (6 th Sem B)	19302015	Rajveer Kaur	Rajveer
41	B.Com (6 th Sem B)	19302033	Lovdeep Singh	Lovdeep
42	B.Com (6 th Sem B)	19302024	Muskanpreet Kaur	Muskanpreet
43	B.Com (6 th Sem B)	19302039	Tania	Tania
44	B.Com (6 th Sem B)	19302045	Sania	Sania
45	B.Com (6 th Sem B)	19302055	Rohit	Rohit
46	B.Com (6 th Sem B)	19302048	Aakshi Katar	Aakshi
47	BBA 4 th Sem (Sec A)	20301075	Kamaldeep Singh	Kamaldeep
48	BBA 4 th Sem (Sec A)	20301064	Mangal Kaur	Mangal
49	BBA 4 th Sem (Sec A)	20301051	Abhijit Thind	Abhijit
50	BBA 4 th Sem (Sec A)	20301050	Mohit Abrol	Mohit
51	BBA 4 th Sem (Sec A)	20301045	Khushhert Singh	Khushhert
52	BBA 4 th Sem (Sec A)	20301047	Aman Singh	Aman
53	BBA 4 th Sem (Sec A)	20301048	Komalpreet Kaur	Komalpreet
54	BBA 4 th Sem (Sec A)	20301040	Gurpreet Kaur	Gurpreet Kaur
55	BBA 4 th Sem (Sec A)	20301073	Tarun Kumar	Tarun
56	BBA 4 th Sem (Sec B)	20301111	Anno Yadav	Anno
57	BBA 4 th Sem (Sec B)	20301116	Pavni Kapoor	Pavni

Abhijit

S. No.	Class	Roll No.	Name of Student	Signature
58	BBA 4 th Sem (VIA)	20301105	Kushalpreet Singh	
59	BBA 4 th Sem (VIA)	20301112	Johandeep Singh	
60	BBA 4 th Sem (VIA)	20301120	Jayant Mahajan	M.M
61	BBA 4 th Sem (VIA)	20301002	Navpreet Kaur	
62	BBA 4 th Sem (VIA)	20301006	Dev Bhalla	
63	BBA 4 th Sem (VIA)	20301019	Anureet	
64	BBA 4 th Sem (VIA)	20301005	Kamalpreet Singh	
65	BBA 4 th Sem (VIA)	20301014	Anureet	
66	BBA 4 th Sem (VIA)	20301023	Ajay Sharma	
67	BBA 4 th Sem (VIA)	20301029	Armandeep Kaur	
68	BBA 4 th Sem (VIA)	20301032	Azhangit Kaur	
69	BBA 4 th Sem (VIA)	20301019	Mythun Singh	
70	B.Com 2 nd Sem (H)	20301015	Anuraj Singh	
71	B.Com 2 nd Sem (H)	20301031	Sakhwinder Singh	
72	B.Com 2 nd Sem (H)	20301049	Navdeep Singh	
73	B.Com 2 nd Sem (H)	20301050	Preeti	
74	B.Com 2 nd Sem (H)	20301005	Manshiq	
75	B.Com 2 nd Sem (H)	20301017	Samrajit Singh	
76	B.Com 2 nd Sem (H)	20301028	Tarandeep Kaur	

Name of the event: One week workshop on Income Tax and E-filing for Students

Date: 20th April to 25th April, 2022

Resource Persons: C.A. Sahil Sachdeva

 **Khalsa College Amritsar** 
(An Autonomous College) ESTD. 1982

P.G. DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION
Organizes
One Week Workshop
on
Income Tax & E-Filing of Return for Students

Resource Person
CA SAHIL SACHDEVA
April 20-25, 2022
Venue: Commerce Department (Computer Lab)

Dr. Deepak Devgan
(Workshop Coordinator)

Dr. A.K. Kahlon
(Workshop Director)

Dr. Mehal Singh
Principal
(Workshop Chairman)



Khalsa College Amritsar

(An Autonomous College)

PG DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

Tel.: +91-94658-84606, 94636-37098

Email : commercekhalcollege@yahoo.in

Ref. No. 1304 / 2022-23

Activity Report

Date 26/4/2022

Name of the event: One Week Workshop on Income Tax and E-filing for Students

Date: 20th April to 25th April, 2022

Resource Persons: C.A. Sahil Sachdeva

The Post-Graduate Department of Commerce and Business Administration, Khalsa College Amritsar organized "One week workshop on Income Tax and E-Filing" for Students from 20th April to 25th April, 2022 in the Computer Lab of Commerce Department. The primary objective of the workshop was to impart practical training to the students of B.Com VI about the Income Tax and E-Filing of Return.

Naiya Sachdeva, an associate of C.A. Sahil Sachdeva was the resource person in this workshop. She is expert in the field of taxation who provided practical knowledge to the students regarding various aspects of Direct Taxation such as filing of ITR-1, TDS, Form-26AS, Form-16, Form-16A, Pay Roll Process and Advance Payment of Tax.

This Workshop was planned and executed under the supervision of Dr. Mehal Singh (Principal and Workshop Chairman), Dr. A.K. Kahlon (H.O.D, Dean & Workshop Director), Dr. Deepak Devgan (Workshop Coordinator) assisted by Prof. Reema Sachdeva and Dr. Jagdish Kaur. In the inaugural session, Dr. Deepak Devgan welcomed the resource persons and introduced the distinguished guests. Dr. A.K. Kahlon threw light upon the theme of the workshop and highlighted the importance of gaining practical knowledge regarding different aspects of taxation as it can help them a long way in their professional career. Around 150 students from the department participated in the workshop.

Dr. A.K. Kahlon
(Head & Dean)



Dr. A.K. Kahlon (H.O.D, Dean & Workshop Director), Dr. Sawraj Kaur, Dr. Deepak Devgan (Workshop Co-Coordinator), Dr.Poonam Sharma, Dr.Ajay Sehgal welcoming the Chief guest C.A. Sahil Sachdeva. (20-04-2022)



C.A.Sahil Sachdeva addressing the students (20-04-2022)



Students attending the workshop . (20-04-2022)



Dr. A.K. Kahlon (H.O.D, Dean & Workshop Director), Dr. Sawraj Kaur, Dr. Deepak Devgan (Workshop Co-Coordinator), Dr.Poonam Sharma, Dr.Ajay Sehgal welcoming the resource persons. . (20-04-2022)

List of Participants

Khalsa College, Amritsar (Autonomous College)								
One Week Workshop on Income Tax & E-Filing								
B.Com., Semester-VI (Regular) Section A & B								
SrNo.	Roll No.	Coll. Rno	Name	Signature				
				20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
1.	19110011401	19302001	NOORDEEP KAUR		<i>Noordeep kaur</i>	<i>Noordeep kaur</i>	<i>Noordeep kaur</i>	<i>Noordeep kaur</i>
2.	19110011402	19302002	KARANPREET KAUR		<i>Karanpreet</i>	<i>Karanpreet</i>	<i>Karanpreet</i>	<i>Karanpreet</i>
3.	19110011403	19302003	PARVINDER KOUR	<i>Parvinder</i>	<i>Parvinder</i>	<i>Parvinder</i>	<i>Parvinder</i>	<i>Parvinder</i>
4.	19110011406	19302006	DANISH MAHAJAN	<i>Danish</i>	<i>Danish</i>	<i>Danish</i>	<i>Danish</i>	<i>Danish</i>
5.	19110011407	19302007	KHUSHWINDER SINGH	<i>Khushwinder Singh</i>	<i>Khushwinder Singh</i>	<i>Khushwinder Singh</i>	<i>Khushwinder Singh</i>	<i>Khushwinder Singh</i>
6.	19110011408	19302008	SOFIA	<i>Sofia</i>	<i>Sofia</i>	<i>Sofia</i>	<i>Sofia</i>	<i>Sofia</i>
7.	19110011409	19302009	NAVJOT SINGH	<i>Navjotsingh</i>	<i>Navjotsingh</i>	<i>Navjotsingh</i>	<i>Navjotsingh</i>	<i>Navjotsingh</i>
8.	19110011410	19302010	KESHAV SHARMA	<i>Keshav Sharma</i>	<i>Keshav Sharma</i>	<i>Keshav Sharma</i>	<i>Keshav Sharma</i>	<i>Keshav Sharma</i>
9.	19110011411	19302011	NIKHIL SHARMA	<i>Nikhil Sharma</i>	<i>Nikhil Sharma</i>	<i>Nikhil Sharma</i>	<i>Nikhil Sharma</i>	<i>Nikhil Sharma</i>
10.	19110011412	19302012	RITIKA	<i>Ritika</i>	<i>Ritika</i>	<i>Ritika</i>	<i>Ritika</i>	<i>Ritika</i>
11.	19110011413	19302013	ABHISHEK CHAUDHARY	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>

A. V.

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
12. 19110011414 19302014 AKASHDEEP SINGH	Mahadev Singh	Mahadev Singh	Mahadev Singh	Mahadev Singh	Mahadev Singh
13. 19110011415 19302015 RAJVEER KAUR	Rajveer Kaur	Rajveer Kaur	Rajveer Kaur	Rajveer Kaur	Rajveer Kaur
14. 19110011418 19302018 DEEPAK	Deepak	Deepak	Deepak	Deepak	Deepak
15. 19110011419 19302019 MEHNAJDEEP KAUR	Mehnaajdeep Kaur	Mehnaajdeep Kaur	Mehnaajdeep Kaur	Mehnaajdeep Kaur	Mehnaajdeep Kaur
16. 19110011420 19302020 SAMPAT DEVGAN	Sampat Devgan	Sampat Devgan	Sampat Devgan	Sampat Devgan	Sampat Devgan
17. 19110011421 19302021 AASHISH ARORA	Aashish Arora	Aashish Arora	Aashish Arora	Aashish Arora	Aashish Arora
18. 19110011543 19302022 YUVRAJ RAI	Yuvraj Rai	Yuvraj Rai	Yuvraj Rai	Yuvraj Rai	Yuvraj Rai
19. 19110011422 19302023 PAWAN SINGH	Pawan Singh	Pawan Singh	Pawan Singh	Pawan Singh	Pawan Singh
20. 19110011423 19302024 MUSKANPREET KAUR	Muskanpreet Kaur	Muskanpreet Kaur	Muskanpreet Kaur	Muskanpreet Kaur	Muskanpreet Kaur
21. 19110011424 19302025 NARAYAN SINGH	Narayan Singh	Narayan Singh	Narayan Singh	Narayan Singh	Narayan Singh
22. 19110011425 19302026 SHARANDEEP KAUR	Sharandeep Kaur	Sharandeep Kaur	Sharandeep Kaur	Sharandeep Kaur	Sharandeep Kaur
23. 19110011426 19302027 ARSHPREET SINGH	Arshpreet Singh	Arshpreet Singh	Arshpreet Singh	Arshpreet Singh	Arshpreet Singh
24. 19110011427 19302028 MUNISH KUMAR	Munish Kumar	Munish Kumar	Munish Kumar	Munish Kumar	Munish Kumar
25. 19110011428 19302029 PANKAJ	Pankaj	Pankaj	Pankaj	—	Pankaj
26. 19110011429 19302030 SIMRANJIT KAUR	Simranjit Kaur	Simranjit Kaur	Simranjit Kaur	Simranjit Kaur	Simranjit Kaur
27. 19110011430 19302031 PRABHSIMRAN SINGH	Prabhsimran Singh	Prabhsimran Singh	Prabhsimran Singh	Prabhsimran Singh	Prabhsimran Singh

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	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
28. 19110011431 19302032 GOURAV SHARMA	Gourav Sharma	Gourav Sharma	Gourav Sharma	Gourav Sharma	Gourav Sharma
29. 19110011432 19302033 LOVEDEEP SINGH	Lovedeep Singh	Lovedeep Singh	Lovedeep Singh	Lovedeep Singh	Lovedeep Singh
30. 19110011433 19302034 KARANBIR SINGH	Karanbir Singh	Karanbir Singh	Karanbir Singh	Karanbir Singh	Karanbir Singh
31. 19110011434 19302035 SANDEEP KAUR	Sandeep Kaur	Sandeep Kaur	Sandeep Kaur	Sandeep Kaur	Sandeep Kaur
32. 19110011435 19302036 MANDEEP KAUR	Mandeep Kaur	Mandeep Kaur	Mandeep Kaur	Mandeep Kaur	Mandeep Kaur
33. 19110011436 19302037 RANJOT SANDHU	Ranjot Sandhu	Ranjot Sandhu	Ranjot Sandhu	Ranjot Sandhu	Ranjot Sandhu
34. 19110011437 19302038 KHUSHWINDER KAUR	Khushwinder Kaur	Khushwinder Kaur	Khushwinder Kaur	Khushwinder Kaur	Khushwinder Kaur
35. 19110011438 19302039 TANIA	Tania	Tania	Tania	Tania	Tania
36. 19110011439 19302040 MANJOT SINGH	Manjot Singh	Manjot Singh	Manjot Singh	Manjot Singh	Manjot Singh
37. 19110011441 19302042 SUKHMANPREET SINGH	Sukhmanpreet Singh	Sukhmanpreet Singh	Sukhmanpreet Singh	Sukhmanpreet Singh	Sukhmanpreet Singh
38. 19110011442 19302043 SIMRANJEET KAUR	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur
39. 19110011443 19302044 JOBANPREET SINGH	Jobanpreet Singh	Jobanpreet Singh	Jobanpreet Singh	Jobanpreet Singh	Jobanpreet Singh
40. 19110011444 19302045 SONIA	Sonia	Sonia	Sonia	Sonia	Sonia
41. 19110011445 19302046 GOURAANG GOSWAMI	Gourang Goswami	Gourang Goswami	Gourang Goswami	Gourang Goswami	Gourang Goswami
42. 19110011446 19302047 PAWANDEEP SINGH	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh
43. 19110011447 19302048 SAKSHI KATAL	Sakshi Katal	Sakshi Katal	Sakshi Katal	Sakshi Katal	Sakshi Katal

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	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
44. 19110011449 19302050 KOMAL	Komal	Komal	Komal	Komal	Komal
45. 19110011450 19302051 GURPREET KAUR	Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur
46. 19110011451 19302052 SIMRANPREET KAUR	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur
47. 19110011452 19302053 DIPTI	Dipti	Dipti	Dipti	Dipti	Dipti
48. 19110011453 19302054 AKASHDEEP SINGH	Akash	Akash	Akash	Akash	Akash
49. 19110011454 19302055 ROHIT SINGH	Rohit	Rohit	Rohit	Rohit	Rohit
50. 19110011455 19302056 SONIA ARORA	Sonia Arora	Sonia Arora	Sonia Arora	Sonia Arora	Sonia Arora
51. 19110011456 19302057 AMANDEEP SINGH	Amandeep Singh	Amandeep Singh	Amandeep Singh	Amandeep Singh	Amandeep Singh
52. 19110011457 19302058 PAWANDEEP SINGH	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh	Pawandeep Singh
53. 19110011458 19302059 SUMANJEET KAUR	Sumanjeet Kaur	Sumanjeet Kaur	Sumanjeet Kaur	Sumanjeet Kaur	Sumanjeet Kaur
54. 19110011459 19302060 MOHIT KUMAR	Mohit Kumar	Mohit Kumar	Mohit Kumar	Mohit Kumar	Mohit Kumar
55. 19110011460 19302061 ISHWARDEEP SINGH	Ishwardeep Singh	Ishwardeep Singh	Ishwardeep Singh	Ishwardeep Singh	Ishwardeep Singh
56. 19110011461 19302062 HARROOP SINGH	Harroop Singh	Harroop Singh	Harroop Singh	Harroop Singh	Harroop Singh
57. 19110011462 19302063 ARSHDEEP KAUR	Arshdeep Kaur	Arshdeep Kaur	Arshdeep Kaur	Arshdeep Kaur	Arshdeep Kaur
58. 19110011463 19302064 LOVEPREET	Lovepreet	Lovepreet	Lovepreet	Lovepreet	Lovepreet
59. 19110011467 19302069 HRITHIK	Hrithik	Hrithik	Hrithik	Hrithik	Hrithik

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	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
60. 19110011470 19302072 ANMOL SHARMA					
61. 19110011471 19302073 KANWAR ABHAY SINGH					
62. 19110011472 19302074 SMILE SHARMA	Absent				
63. 19110011473 19302075 ISHUB KHAN	Ishub Khan	Ishub Khan	Ishub Khan	Ishub Khan	Ishub Khan
64. 19110011474 19302076 RITIK INDORA	Ritik Indora	Ritik Indora	Ritik Indora	Ritik Indora	Ritik Indora
65. 19110011475 19302077 KRITIKA Kaur	Kritika Kaur	Kritika Kritika Kaur	Kritika Kaur		
66. 19110011476 19302079 PRANAV JAIN	Pranav Jain	Pranav Jain	Pranav Jain	Pranav Jain	Pranav Jain
67. 19110011478 19302082 SUKHMandeep Kaur	Sukhmandeep Kaur	Sukhmandeep Kaur	Sukhmandeep Kaur	Sukhmandeep Kaur	Sukhmandeep Kaur
68. 19110011479 19302083 ONKAR SINGH	Onkar	Onkar	Onkar	Onkar	Onkar
69. 19110011480 19302084 PRINCE MAHAJAN	Absent	Absent	Absent	Absent	Absent
70. 19110011481 19302085 MEHAKPREET Kaur	Mehakpreet Kaur	Mehakpreet Kaur	Mehakpreet Kaur	Mehakpreet Kaur	Mehakpreet Kaur
71. 19110011482 19302086 LOVEDEEP Kaur	Lovedeep Kaur	Lovedeep Kaur	Lovedeep Kaur	Lovedeep Kaur	Lovedeep Kaur
72. 19110011483 19302088 KARANDEEP SINGH					
73. 19110011485 19302090 MANISHA	Manisha				
74. 19110011486 19302091 HARMANPREET SINGH					
75. 19110011487 19302092 TEJIBIR SINGH	Tejibir Singh	Tejibir Singh	Tejibir Singh		

Abhi

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
76. 19110011488 19302094 PAWANPREET KAUR	Pawanpreet	Pawanpreet	Pawanpreet	Pawanpreet	Pawanpreet
77. 19110011490 19302097 AMARBIR SINGH	Amrabir Singh	Amrabir Singh	Amrabir Singh	Amrabir Singh	Amrabir Singh
78. 19110011491 19302098 JASHAN KUMAR	Jashan Kumar	Jashan Kumar	Jashan Kumar	Jashan Kumar	Jashan Kumar
79. 19110011492 19302099 ARSHVIR SINGH	Arshvir Singh	Arshvir Singh	Arshvir Singh	Arshvir Singh	Arshvir Singh
80. 19110011493 19302101 PUJARI	Pujari	Pujari	Pujari	Pujari	Pujari
81. 19110011494 19302102 ANMOLDEEP SINGH	Anmoldeep	Anmoldeep	Anmoldeep	Anmoldeep	Anmoldeep
82. 19110011495 19302103 NEERAT KAUR	Neerat	Neerat	Neerat	Neerat	Neerat
83. 19110011496 19302104 HARMANPREET KAUR	Harmanpreet Kaur	Harmanpreet Kaur	Harmanpreet Kaur	Harmanpreet Kaur	Harmanpreet Kaur
84. 19110011497 19302105 RIYA BHALLA	Riya Bhalla	Riya Bhalla	Riya Bhalla	Riya Bhalla	Riya Bhalla
85. 19110011501 19302110 SIMRANPREET KAUR	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur
86. 19110011502 19302111 GURPREET SINGH	Gurpreet Singh	Gurpreet Singh	Gurpreet Singh	Gurpreet Singh	Gurpreet Singh
87. 19110011503 19302112 MILANPREET KAUR	Milanpreet Kaur	Milanpreet Kaur	Milanpreet Kaur	Milanpreet Kaur	Milanpreet Kaur
88. 19110011504 19302115 AGAYAPAL SINGH	Agayapal Singh	Agayapal Singh	Agayapal Singh	Agayapal Singh	Agayapal Singh
89. 19110011506 19302118 PAMANDEEP SINGH	Pamandeep Singh	Pamandeep Singh	Pamandeep Singh	Pamandeep Singh	Pamandeep Singh
90. 19110011508 19302120 PRABHKEERAT PAL SINGH	Prabhkeerat Pal Singh	Prabhkeerat Pal Singh	Prabhkeerat Pal Singh	Prabhkeerat Pal Singh	Prabhkeerat Pal Singh
91. 19110011509 19302121 KARANDEEP SINGH	Karandeep Singh	Karandeep Singh	Karandeep Singh	Karandeep Singh	Karandeep Singh

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
108. 19110011532 19302148 LOVEROSE SINGH	Lourose Singh	Lourose Singh	Lourose Singh	Lourose Singh	Lourose Singh
109. 19110011534 19302150 SAHILPREET SINGH	Sahilpreet Singh	Sahilpreet Singh	Sahilpreet Singh	Sahilpreet Singh	Sahilpreet Singh
110. 19110011535 19302151 ABHI	Abhi	Abhi	Abhi	Abhi	Abhi
111. 19110011537 19302153 MEHAKDEEP SINGH	Mehakdeep Singh	Mehakdeep Singh	Mehakdeep Singh	Mehakdeep Singh	Mehakdeep Singh
112. 19110011538 19302154 MANPREET SINGH	Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh
113. 19110011546 19302160 RAJINDERPAL KAUR	Rajinderpal Kaur	Rajinderpal Kaur	Rajinderpal Kaur	Rajinderpal Kaur	Rajinderpal Kaur
114. 19110011547 19302161 SUPREET KAUR	Supreet Kaur	Supreet Kaur	Supreet Kaur	Supreet Kaur	Supreet Kaur
115. 19110011548 19302162 RAJAN	Rajan	Rajan	Rajan	Rajan	Rajan
116. 19110011601 19303001 KIRANDEEP KAUR	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur
117. 19110011602 19303002 PRABHJOT SINGH	Prabhjot Singh	Prabhjot Singh	Prabhjot Singh	Prabhjot Singh	Prabhjot Singh
118. 19110011603 19303003 KARAN BAKSHI	Karan Bakshi	Karan Bakshi	Karan Bakshi	Karan Bakshi	Karan Bakshi
119. 19110011604 19303005 KIRANDEEP KAUR	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur	Kirandeep Kaur
120. 19110011605 19303006 HARPREET KAUR	Harpreet Kaur	Harpreet Kaur	Harpreet Kaur	Harpreet Kaur	Harpreet Kaur
121. 19110011606 19303007 NAVJOT KAUR	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur
122. 19110011607 19303009 RUPINDER KAUR	Rupinder Kaur	Rupinder Kaur	Rupinder Kaur	Rupinder Kaur	Rupinder Kaur
123. 19110011608 19303010 VIPAN KUMAR	Vipan Kumar	Vipan Kumar	Vipan Kumar	Vipan Kumar	Vipan Kumar

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	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
124. 19110011609 19303012 VIMALJIT KAUR	Vimaljit Kaur	Vimaljit Kaur	Vimaljit Kaur	Vimaljit Kaur	Vimaljit Kaur
125. 19110011610 19303014 KAMALDEEP KAUR	Kamaldeep Kaur	Kamaldeep Kaur	Kamaldeep Kaur	Kamaldeep Kaur	Kamaldeep Kaur
126. 19110011611 19303016 HIMANSHU SHARMA					
127. 19110011612 19303017 HARMANDEEP KAUR	Harmandeep Kaur	Harmandeep Kaur	Harmandeep Kaur	Harmandeep Kaur	Harmandeep Kaur
128. 19110011613 19303018 SAKSHI					
129. 19110011614 19303019 NITIN	Nitin	Nitin	Nitin	Nitin	Nitin
130. 19110011615 19303021 NAVNEET KAUR	Navneet Kaur	Navneet Kaur	Navneet Kaur	Navneet Kaur	Navneet Kaur
131. 19110011616 19303022 CHASVEEN KAUR	Chasveen	Chasveen	Chasveen	Chasveen	Chasveen
132. 19110011617 19303023 KOMALPREET KAUR	Komalpreet Kaur	Komalpreet Kaur	Komalpreet Kaur	Komalpreet Kaur	Komalpreet Kaur
133. 19110011618 19303024 SIMRANJEET KAUR	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur	Simranjeet Kaur
134. 19110011619 19303025 JAGMEET KAUR	Jagmeet Kaur	Jagmeet Kaur	Jagmeet Kaur	Jagmeet Kaur	Jagmeet Kaur
135. 19110011620 19303026 NISHTHA	Nishtha	Nishtha	Nishtha	Nishtha	Nishtha
136. 19110011621 19303027 BALDEEP KAUR	Baldeep Kaur	Baldeep Kaur	Baldeep Kaur	Baldeep Kaur	Baldeep Kaur
137. 19110011623 19303029 DEEP KUJUR	Deep Kaur	Deep Kaur	Deep Kaur	Deep Kaur	Deep Kaur
138. 19110011624 19303030 ARSHNOOR KAUR					
139. 19110011625 19303031 SIMRANPREET KAUR	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur	Simranpreet Kaur

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	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
140. 19110011626 19303032 AKASHDEEP KAUR	Akashdeep Kaur	Akashdeep Kaur	Akashdeep Kaur	Akashdeep Kaur	Akashdeep Kaur
141. 19110011627 19303033 ROSHAN SALARIA	Roshan Salaria	Roshan Salaria	Roshan Salaria	Roshan Salaria	Roshan Salaria
142. 19110011628 19303034 SHALIKA	Shalika	Shalika	Shalika	Shalika	Shalika
143. 19110011629 19303035 SHAVETA RAI	Shaveta	Shaveta	Shaveta	Shaveta	Shaveta
144. 19110011630 19303036 DISHANT SAINI	Dishant Saini	Dishant Saini	Dishant Saini	Dishant Saini	Dishant Saini
145. 19110011631 19303037 RADHA	Radha	Radha	Radha	Radha	Radha
146. 19110011632 19303038 ISHA SWAN	Isha Swan	Isha Swan	Isha Swan	Isha Swan	Isha Swan
147. 19110011633 19303040 NITISH RAWAT	Nitish Rawat	Nitish Rawat	Nitish Rawat	Nitish Rawat	Nitish Rawat
148. 19110011635 19303043 HARMANJOT SINGH	Harmanjot Singh	Harmanjot Singh	Harmanjot Singh	Harmanjot Singh	Harmanjot Singh
149. 19110011636 19303045 MANPREET SINGH	Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh
150. 19110011637 19303046 ASHISH CHOUDHARY		Ashish	Ashish	Ashish	Ashish
151. 19110011639 19303048 MUSKAN	Muskan	Muskan	Muskan	Muskan	Muskan

Ashish

DEPARTMENT OF COMPUTER SCIENCE

2 Days Online Workshop on Creating Graphical User Interface Using Python Tkinter

September 29th-30th, 2021



**Prof. Harbhajan Singh, Dr. Rupinder Singh, Prof. Kulbir Kaur, Prof. Simranjeet Kaur,
Prof. Rajiv Kumar during the 2 days Online Workshop . (29-09-2021)**



ESTD. 1892

P.G. Department of Computer Sc. & Applications KHALSA COLLEGE AMRITSAR

An Autonomous College Affiliated to Guru Nanak Dev University, Amritsar
UGC Letter No. F.22-1/2013 (AC) Dt. 22-05-2013

Website : khalcollege.edu.in

E-mail : computerscience@khalcollege.edu.in

Mob. : +91-95010-24212

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No. CS-263A

Date : 10/09/2021

Activity Report

2 Days Online Workshop on Creating Graphical User Interface Using Python Tkinter September 29th-30th, 2021

Tech-Era Computer Society of Khalsa College Amritsar organized "2 Days Online Workshop on Creating Graphical User Interface Using Python Tkinter". The workshop was delivered by Mr. Shalinder Singh, Centre Head, VMM.

Principal Dr. Mehal Singh and Prof. Harbhajan Singh, Head and convener of Tech Era Computer Society, P.G. Department of Computer Science and Applications welcomed Mr. Shalinder Singh by giving him a living plant. Dr. Mehal Singh appreciated the efforts of Computer Science department for organizing this seminar for the students, which will be beneficial for them. The purpose of this workshop was to aware the students about the Applications of the Python in real life.

Head

Tech-Era Computer Society

P.G. DEPT. OF COMPUTER SCIENCE & APPLICATIONS, KHALSA COLLEGE
AMRITSAR

Event: 2 Days Online Workshop on Creating Graphical User Interface Using Python Tkinter
September 29th-30th, 2021

Student List Class: BCA SEM-V & B.Sc. (IT) SEM-V

Sr. No.	Rollo.	Student Name	Signature
1.	19401120	AMRITPAL SINGH	Amritpal
2.	19401001	TARUNDEEP KAUR	Tarundeep
3.	19401003	HARSIMRAN KAUR	Harsimran
4.	19401004	SUNALI	Sunali
5.	19401005	ANURAG BHARTI	Anurag Bharti
6.	19401006	KARAMBIR KAUR	Karambir
7.	19401007	BHUVAN SHARMA	Bhuvan Sharma
8.	19401008	ARVIND SINGH	Arvind Singh
9.	19401009	ANKIT SAINI	Ankit Saini
10.	19401010	AMANDEEP SINGH	Amandeep
11.	19401011	AVTAR SINGH	Avtar Singh
12.	19401012	PAWANPREET KAUR	Pawanpreet Kaur
13.	19401013	ARSHDEEP SINGH	Arshdeep Singh
14.	19401015	UJWAL LAKHANPAL	Ujwal
15.	19401016	PRIYA SHARMA	Priya Sharma
16.	19401017	DAVINDER SINGH	Davinder
17.	19401018	RAVIARSHDEEP SINGH	Raviarshdeep
18.	19401019	DIPANSHU JOSHI	Dipanshu
19.	19401020	ASHISH SINGH	Ashish Singh
20.	19401021	JYOTI	Jyoti
21.	19401022	MANSI SARPAL	Mansi Sarpal
22.	19401024	AKASHDEEP SINGH	Akashdeep
23.	19401025	DEVYANI	Devyani
24.	19401026	MANDEEP KAUR	Mandeep Kaur
25.	19401027	SIMRANJIT SINGH	Simranjit Kaur
26.	19401028	JAGMEET SINGH	Jagmeet Singh
27.	19401029	NAVNEET KOUR	Navneet Kaur
28.	19401030	SIMRANJEET KAUR	Simranjeet Kaur
29.	19401031	NITISH KUMAR	Nitish Kumar
30.	19401032	NAVPREET KAUR	Navpreet Kaur
31.	19401033	JYOTIKA	Jyotika
32.	19401034	GURJEET KAUR	Gurjeet Kaur
33.	19401035	LOVEPREET SINGH	Lovepreet Singh

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Tech-Era Computer Society

P.G. DEPT. OF COMPUTER SCIENCE & APPLICATIONS, KHALSA COLLEGE
AMRITSAR

Event: 2 Days Online Workshop on Creating Graphical User Interface Using Python Tkinter
September 29th-30th, 2021

Student List Class: BCA SEM-V & B.Sc. (IT) SEM-V

Sr. No.	Class Roll No.	Name	Signature
34.	19403001	KRITIKA MEHRA	Kritika
35.	19403002	SUNBIR SINGH	Sunbir Singh
36.	19403003	PRINCEDEEP SINGH	Prince Deep Singh
37.	19403004	ROBANDEEP KAUR	Robandeep Kaur
38.	19403005	TARNBIR SINGH	Tarnbir Singh
39.	19403006	INDERVEER SINGH	Inderveer Singh
40.	19403007	SANJEEV KUMAR	Sanjeev Kumar
41.	19403008	KARANBIR SINGH	Karanbir Singh
42.	19403009	SUSHIL	Sushil
43.	19403010	MANDRA	Mandras
44.	19403011	RAJAT MANNAN	Rajat Mannan
45.	19403012	KAJAL	Kajal
46.	19403013	GURKIRAT KAUR	Gurpreet Kaur
47.	19403014	ISHA DEVI	Isha Devi
48.	19403015	KAJALPREET KAUR	Kajalpreet Kaur
49.	19403016	KARVINDERPAL SINGH	Karvinderpal Singh
50.	19403017	ROHAN	Rohan
51.	19403018	INDERJEET SINGH	Inderjeet Singh
52.	19403019	KOMALPREET KAUR	Komalpreet Kaur

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SEMINAR
On
Real Life Applications of Artificial
Intelligence
(March 11, 2022)



Principal Dr. Mehal Singh, Prof. Harbhajan Singh and Dr. Mani Arora welcoming Dr. Gurpreet Singh Lehal (Professor & Dean,Punjabi University, Patiala.) .

(11-03-2022)



ESTD. 1892

P.G. Department of Computer Sc. & Applications KHALSA COLLEGE AMRITSAR

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No. CS - 357A

Date : 28/02/2022

Activity Report

Real Life Applications of Artificial Intelligence

March 11, 2022

Tech-Era Computer Society of Khalsa College Amritsar organized seminar on "Real Life Applications of Artificial Intelligence". The seminar was delivered by Dr. Gurpreet Singh Lehal, Professor & Dean, College Development Council, Punjabi University, Patiala.

Principal Dr. Mehal Singh and Prof. Harbhajan Singh, Head and convener of Tech Era Computer Society, P.G. Department of Computer Science and Applications welcomed Dr. Gurpreet Singh Lehal by giving him a living plant. Dr. Mehal Singh appreciated the efforts of Computer Science department for organizing this seminar for the students, which will be beneficial for them. The purpose of this seminar was to aware the students about the Applications of the Artificial Intelligence in real life.

In the seminar Dr. Gurpreet Singh talked about the importance of Artificial Intelligence in various fields like automatic image capturing, Amazon, cashier less Go store, Google driverless car, face recognition, text recognition, education. He explained the role of Artificial Intelligence in health care like Google AI, which can predict heart emotions from the eye scan. He encouraged the students to be ready for the upcoming revolution in Artificial Intelligence. Dr. Mani Arora, Co-convener Tech-Era Computer Society gave a vote of thanks to the delegates and played a vital role in coordinating this seminar.


Head



Dr.Gurpreet Singh Lehal Delivering Lecture to the Students. (11-03-2022)



Principal Dr.Mehal Singh,Prof. Harbhajan Singh and Dr. Mani Arora and Dr.Gurpreet Singh Lehal during the Seminar (11-03-2022)



Principal Dr.Mehal Singh addressing the students (11-03-2022)

Tech-Era Computer Society

P.G. DEPT. OF COMPUTER SCIENCE & APPLICATIONS, KHALSA COLLEGE
AMRITSAR

Event: seminar on Real Life Applications of Artificial Intelligence.

Student List Class: BCA SEM-VI & B.Sc. (IT) SEM-VI

Date 11/03/2022

Sr. No.	Rollo.	Student Name	Signature
1.	19401120	AMRITPAL SINGH	Amritpal Singh
2.	19401001	TARUNDEEP KAUR	Tarundeep Singh
3.	19401003	HARSIMRAN KAUR	Harsimran Kaur
4.	19401004	SUNALI	Sunali
5.	19401005	ANURAG BHARTI	Anurag Bharti
6.	19401006	KARAMBIR KAUR	Karambir Kaur
7.	19401007	BHUVAN SHARMA	BHUVAN SHARMA
8.	19401008	ARVIND SINGH	Arvind Singh
9.	19401009	ANKIT SAINI	Ankit Saini
10.	19401010	AMANDEEP SINGH	Amandeep Singh
11.	19401011	AVTAR SINGH	AS
12.	19401012	PAWANPREET KAUR	Pawanpreet Kaur
13.	19401013	ARSHDEEP SINGH	Arshdeep Singh
14.	19401015	UJWAL LAKHANPAL	Ujwal Lakhnupal
15.	19401016	PRIYA SHARMA	Priyasharma
16.	19401017	DAVINDER SINGH	Davinder Singh
17.	19401018	RAVIARSHDEEP SINGH	Raviarshdeep S.
18.	19401019	DIPANSHU JOSHI	Dipanshu Joshi
19.	19401020	ASHISH SINGH BHANDARI	Ashish Singh Bhandari
20.	19401021	JYOTI	JYOTI
21.	19401022	MANSI SARPAL	Mansi Sarpal
22.	19401024	AKASHDEEP SINGH	Akashdeep Singh
23.	19401025	DEVYANI	Devyani
24.	19401026	MANDEEP KAUR	Mandeep Kaur
25.	19401027	SIMRANJIT SINGH	Simranjit Singh
26.	19401028	JAGMEET SINGH	Jagmeet Singh
27.	19401029	NAVNEET KOUR	NAV
28.	19401030	SIMRANJEET KAUR	Simranjeet Kaur
29.	19401031	NITISH KUMAR	Nitish Kumar
30.	19401032	NAVPREET KAUR	Navpreet Kaur
31.	19401033	JYOTIKA	JYOTIKA
32.	19401034	GURJEET KAUR	Gurjeet Kaur
33.	19401035	LOVEPREET SINGH	Lovepreet Singh



Tech-Era Computer Society

P.G. DEPT. OF COMPUTER SCIENCE & APPLICATIONS, KHALSA COLLEGE
AMRITSAR

Event: seminar on Real Life Applications of Artificial Intelligence

Student List Class: BCA SEM-VI & B.Sc. (IT) SEM-VI

Date 11/03/2022

Sr. No.	Class Roll No.	Name
34.	19403001	KRITIKA MEHRA Kritika Mehra
35.	19403002	SUNBIR SINGH Sunbir Singh
36.	19403003	PRINCEDEEP SINGH Princedeep Singh
37.	19403004	ROBANDEEP KAUR Robandeep Kaur
38.	19403005	TARNBIR SINGH Tarnbir Singh
39.	19403006	INDERVEER SINGH Inderveer Singh
40.	19403007	SANJEEV KUMAR Sanjeen Kumar
41.	19403008	KARANBIR SINGH Karanbir Singh
42.	19403009	SUSHIL Sushil
43.	19403010	MANDRA Mandra
44.	19403011	RAJAT MANNAN Rajat Mannan
45.	19403012	KAJAL Kajal
46.	19403013	GURKIRAT KAUR Gurkirat Kaur
47.	19403014	ISHA DEVI Isha Devi
48.	19403015	KAJALPREET KAUR Kajalpreet Kaur
49.	19403016	KARVINDERPAL SINGH Karvinderpal Singh
50.	19403017	ROHAN Rohan
51.	19403018	INDERJEET SINGH Inderjeet Singh
52.	19403019	KOMALPREET KAUR KHAIRA Komalpreet Kaur
53.	19403020	AARTI Aarti

[Signature]

WORKSHOP
ON
PROJECT DEVELOPMENT
(March 14, 2022)



Prof. Harbhajan Singh (Head), Dr. Mani Arora Co-Convenor ,Tech-Era Society, Dr. Taminder Bhatia, Mr. Sandeep Sood during Workshop. (14-03-2022)



ESTD. 1892

P.G. Department of Computer Sc. & Applications KHALSA COLLEGE AMRITSAR

An Autonomous College Affiliated to Guru Nanak Dev University, Amritsar
UGC Letter No. F.22-1/2013 (AC) Dt. 22-05-2013

Website : khalsacollege.edu.in

E-mail : computerscience@khalsacollege.edu.in

Mob. : +91-95010-24212

Pin : 143002 (Pb.) India

♦ A HERITAGE INSTITUTION AND COLLEGE WITH POTENTIAL FOR EXCELLENCE - Status conferred by UGC
♦ NAAC REACCREDITED "A" GRADE (CGPA) ♦ STAR STATUS CONFERRED BY DBT, NEW DELHI ♦ AN ISO CERTIFIED COLLEGE

No. CS-370A

Date : 14/03/2022

Activity Report

Workshop on Project Development

March 14, 2022

Tech-Era Computer Society of Khalsa College Amritsar organized workshop on "Project Development". The workshop was delivered by Mr. Sandeep Sood, Senior Programmer, Guru Nanak Dev University, Amritsar. Dean academic affairs Dr. Taminder Bhatia and Prof. Harbhajan Singh, Head and convener of Tech Era Computer Society, P.G. Department of Computer Science and Applications welcomed Mr. Sandeep Sood by giving him a living plant. Dr. Taminder Bhatia appreciated the efforts of Computer Science department for organizing this workshop for the students, which will be beneficial for them for project development in final semester of their graduation. The purpose of this workshop was to aware the students about the four major activities performed during the project development. In the workshop, Mr. Sandeep Sood talked about the Project development, Project report, Presentation and Viva preparation. He explained the students about the different kinds of desktop, web and mobile applications, which are popular these days. He also discussed various kinds of project development languages like PHP, ASP.Net, HTML, CSS, Javascript, Python etc.


Head



Staff members & Students attending the Workshop (14-03-2022)

Tech-Era Computer Society

P.G. DEPT. OF COMPUTER SCIENCE & APPLICATIONS, KHALSA COLLEGE
AMRITSAR

Event: workshop on Project Development.

Date 14/03/2022

Student List Class: BCA SEM-VI & B.Sc. (IT) SEM-VI

Sr. No.	Rollo.	Student Name	
1.	19401120	AMRITPAL SINGH	Amritpal Singh
2.	19401001	TARUNDEEP KAUR	Tarundeep Kaur
3.	19401003	HARSIMRAN KAUR	Harsimran Kaur
4.	19401004	SUNALI	Sunali
5.	19401005	ANURAG BHARTI	Anurag Bharti
6.	19401006	KARAMBIR KAUR	Karambir Kaur
7.	19401007	BHUVAN SHARMA	Bhuvan Sharma
8.	19401008	ARVIND SINGH	Arvind Singh
9.	19401009	ANKIT SAINI	Ankit Saini
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11.	19401011	AVTAR SINGH	Avtar Singh
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13.	19401013	ARSHDEEP SINGH	Arshdeep Singh
14.	19401015	UJWAL LAKHANPAL	Ujwal Lakhanpal
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17.	19401018	RAVIARSHDEEP SINGH	Raviarshdeep Singh
18.	19401019	DIPANSHU JOSHI	Dipanshu Joshi
19.	19401020	ASHISH SINGH BHANDARI	Ashish Singh Bhandari
20.	19401021	JYOTI	Jyoti
21.	19401022	MANSI SARPAL	Mansi Sarpal
22.	19401024	AKASHDEEP SINGH	Akashdeep Singh
23.	19401025	DEVYANI	Devyani
24.	19401026	MANDEEP KAUR	Mandeep Kaur
25.	19401027	SIMRANJIT SINGH	Simranjit Singh
26.	19401028	JAGMEET SINGH	Jagmeet Singh
27.	19401029	NAVNEET KOUR	Navneet Kaur
28.	19401030	SIMRANJEET KAUR	Simranjeet Kaur
29.	19401031	NITISH KUMAR	Nitish Kumar
30.	19401032	NAVPREET KAUR	Navpreet Kaur
31.	19401033	JYOTIKA	Jyotika
32.	19401034	GURJEET KAUR	Gurjeet Kaur
33.	19401035	LOVEPREET SINGH	Lovepreet Singh

#

Sr. No.	Class Roll No.	Name
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38.	19403005	TARNBIR SINGH Tarnbir Singh
39.	19403006	INDERVEER SINGH Inderveer Singh
40.	19403007	SANJEEV KUMAR Sanjeev Kumar
41.	19403008	KARANBIR SINGH Karan
42.	19403009	SUSHIL Sushil
43.	19403010	MANDRA Mandra
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46.	19403013	GURKIRAT Kaur Gurkirat Kaur
47.	19403014	ISHA DEVI Isha
48.	19403015	KAJALPREET Kaur Kajalpreet Kaur
49.	19403016	KARVINDERPAL SINGH Karvinderpal Singh
50.	19403017	ROHAN Rohan
51.	19403018	INDERJEET SINGH Indrajeet Singh
52.	19403019	KOMALPREET KAUR KHAIRA Komalpreet Kaur
53.	19403020	AARTI Aarti
54.	19403021	HARMEET Kaur Harmeet Kaur
55.	19403022	ABHISHEK SINGH Abhishek Singh
56.	19403023	AKASHPREET SINGH Akashpreet Singh
57.	19403024	VARUNDEEP SINGH Varundeep Singh
58.	19403027	SIMRANPREET KAUR Simranpreet Kaur

Heer

59.	19403029	ANUREET KAUR	Anureet
60.	19403032	NAVDEEP SINGH	Navdeep Singh
61.	19403033	PREM SINGH	Prem Singh
62.	19403036	TWINKLE	Twinkle
63.	19403037	SOURAV	Sourav
64.	19403038	HARSHDEEP SINGH	Harshdeep Singh
65.	19403039	ISHANT	Ishant
66.	19403040	PUNJAB SINGH	Punjab
67.	19403041	KOMALPREET KAUR	Komalpreet Kaur
68.	19403042	HARDEEP SINGH	Hardeep
69.	19403043	TANIA JOSHI	Tania Joshi
70.	19403044	HARMANDEEP SINGH	Harmandeep
71.	19403045	ANMOLDEEP SINGH	Anmoldeep Singh
72.	19403046	RAHUL	Rahul
73.	19403047	KRISHNA SHARMA	Krishna Sharma
74.	19403048	DAVINDER SINGH	Davinder Singh
75.	19403050	NAVROJ KAUR	Navroj Kaur
76.	19403051	SANTBIR SINGH	Santbir Singh
77.	19403052	HARMANDEEP SINGH	Harmandeep
78.	19403053	GURNISHAN SINGH	Gurnishan
79.	19403054	JAGROOP SINGH	Jagroop Singh
80.	19403055	SHIVAM SHARMA	Shivam Sharma
81.	19403056	SIMRANJEET KAUR	Simranjeet
82.	19403058	SUBHKARMANJIT SINGH	Subhkarnanjit
83.	19403059	HARWINDER SINGH	Harwinder Singh
84.	19403060	ROBINPREET SINGH	Robinpreet

#Rn

P.G. DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

SESSION: 2021-2022

Seminar on FICSI dated 01.09.2021

Name of Activity	Seminar on FICSI
Date	01.09.2021
Resource Person	Mr. RohitShahi
No. of participants	64

P.G. DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY
SEMINAR ON

FICSI
Food Industry Capacity and Skill Initiative

VENUE
KHALSA COLLEGE AMRITSAR
AGRICULTURE SEMINAR HALL
DATE 01-09-2021
TIMING 12:00P.M.

Dr. MANBIR SINGH **Dr. GURSHARAN KAUR** **Dr. MEHAL SINGH**
HEAD **COORDINATOR** **PRINCIPAL**

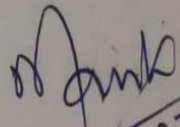
Seminar on FICSI dated 01.09.2021

P.G. DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

NOTICE

It is notified for information of all concerned that P.G. Department of Food Science and Technology has scheduled seminar on "FICSI" on 01-09-2021. Mr. Rohit Shahi Senior Executive, Industry, Connect and Special Projects from FICSI New Delhi will be the guest speaker. Dr. Gursharan Kaur, Department of Food Science and Technology will be the Coordinator of the programme.

All students and teachers are requested to make it convenient to attend the seminar.


27.8-21
(Dr. Manbir Singh)

HOD

Seminar on FICSI dated 01.09.2021



Estd. 1892
e-mail: head_fst@yahoo.com

ਖ਼ਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ
Khalsa College Amritsar
Department of Food Science & Technology

(O) : +91-183-5071714
Pin : 143002 (Pb.) India

Web : www.khalsacollegeamritsar.org

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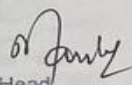
No. 7450/FST

Dated 3/9/21

Activity Report

Name of Activity	Seminar on FICSI
Date	01.09.2021
Resource Person	Mr. RohitShahi
No. of participants	64

P.G. Department of Food Science and Technology has organized a seminar on **FICSI** September 1st, 2021. Mr. Rohit Shahi, Senior Executive Industry Connect and Special Projects was the resource person. Dr. Manbir Singh, Head of the department welcomed Mr. Shahi and students on this occasion. Mr. Shahi acquainted students about "The Skill Mission" launched by the Prime Minister on 15 July 2015 has gathered tremendous steam under the guidance of Shri Dharmendra Pradhan, Minister for Skill Development and Entrepreneurship and Shri Anant Kumar Hegde, Minister of State, MSDE whose main objectives were generating a critical mass of industry-employable-skilled-persons to meet the skill gap in the Food Processing industry. He also discussed about different FICSI programs and career opportunities for the passing out students in Food Processing Industry. He also explained about "Skill India" which is an initiative of the Government of India which has been launched to empower the youth of the country with skill sets which make them more employable and more productive in their work environment. He also provide knowledge regarding the job opportunities in this sector. During the last 15 minutes of seminar students interacted with the resource person and were satisfied by his guidance. Dr. Gursharan kaur commences the seminar by giving vote of thanks.


Head,
Department of Food
Science & Technology
Khalsa College, Amritsar

Seminar on FICSI dated 01.09.2021

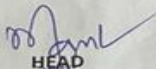


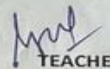
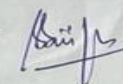
Mr. Rohit during Seminar on FICSI dated (01.09.2021)

Seminar on FICSI dated 01.09.2021

Attendance List

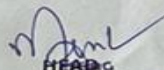
S.No.	Name	Roll No.	Signature
1	Himani Thakur	21511012	Himani Thakur
2	Gagandeep Kaur	19501005	Gagandeep Kaur
3	Anshu Kaur	21511013	Anshu Kaur
4	Ektadeep Kaur	21511008	Ektadeep Kaur
5	Rashandeep Kaur	21511033	Rashandeep Kaur
6	Gurveen Kaur	21511011	Gurveen Kaur
7	Alpit Sharma	21511052	Alpit Sharma
8	Kirandeep Kaur	19501041	Kirandeep Kaur
9	Komalpreet Kaur	21511021	Komalpreet Kaur
10	Sakinder Kaur	19501007	Sakinder Kaur
11	Rajpreet Singh	21511041	Rajpreet Singh
12	Simayit Kaur	21511022	Simayit Kaur
13	Suyreet Kaur	19501015	Suyreet Kaur
14	Navleen Kaur	21511020	Navleen Kaur
15	Kanchan	19501036	Kanchan
16	Komalpreet Kaur	19501011	Komalpreet Kaur
17	Vaishika Sharma	21511050	Vaishika Sharma
18	Bikramjeet	21511042	Bikramjeet
19	Navdeep Kaur	19501034	Navdeep Kaur
20	Jaspreet Kaur	21511003	Jaspreet Kaur
21	Simrandeep Kaur	19501022	Simrandeep Kaur
22	Parneet Kaur	21511039	Parneet Kaur
23	Ramandeep Kaur	19501009	Ramandeep Kaur
24	Shivam	21511025	Shivam
25	Archit Kumar	21511024	Archit Kumar
26	Singh Navneet JI	19501108	Singh Navneet JI
27	Gurpreet Singh	19501091	Gurpreet Singh
28	Sandhi Goover	19501025	Sandhi Goover
29	Muskan	21511022	Muskan
30	Shivangi Gupta	19501094	Shivangi Gupta
31	Ashish Ch. Selli	19501116	Ashish Ch. Selli

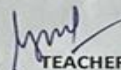


 HEAD
 Department of FICSI
 Science & Technology
 GGS Indraprastha College, Amritsar


 TEACHER


Seminar on FICSI dated 01.09.2021

S.No.	Name	Roll No.	Signature
1	Anjali	21511004	Anjali
2	Shreya	21511023	Shreya
3	Supreet Kaur	19501046	Supreet Kaur
4	Paras Singh Sandhu	20804001	Paras S S
5	Sarbjit Singh	20804016	Sarbjit Singh
6	Hartaj Singh	20804023	Hartaj Singh
7	Susmit Singh	20804031	Susmit Singh
8	Nishan Singh	20804007	Nishan Singh
9	Mansoor Singh	20804010	Mansoor Singh
10	Jaspreet Kaur	18501085	Jaspreet
11	Puspinderjit Kaur	21804024	Puspinderjit Kaur
12	Ramandeep Kaur	19501050	Ramandeep Kaur
13	Harmanpreet Kaur	18501024	Harman
14	Tasal Singh	19501014	Tasal
15	Purva	19501026	Purva
16	Ashpreet Kaur	19501061	Ashpreet Kaur
17	Mohitpreet Kaur	19501072	Mohit
18	Muskaan	19501076	Muskaan
19	Shaminder Kaur	19501063	Shaminder
20	Ramandeep Singh	19501048	Ramandeep S
21	Jas Singh	19501062	Jas Singh
22	Harshinderbeer Kaur	19501057	Harshinderbeer
23	Simranjeet Kaur	19501070	Simranjeet Kaur
24	Ranjit Kaur	19501052	R Kaur
25	Komalbir Kaur	19501074	Komal
26	Radhika Gill	19601073	Radhika
27	Sauleen Kaur	19501051	Sauleen
28	Sumanpreet Kaur	19501047	Suman
29	Arshdeep Singh	18501064	Arshdeep Singh
30	Beant Singh	19501060	Beant Singh
31	Abhishek Batra	19501055	Abhishek
32	Joseph	19501066	Joseph
33	Rupali	21511024	Rupali


HEAD C
 Department of Food
 Science & Technology
 Kurukshetra College, Amritsar


TEACHER


Seminar on FICSI dated 01.09.2021

DEPARTMENT OF MATHEMATICS

Title of Programme: 4th National Webinar on Innovations and Applications in Mathematics

Date: 08-Feb-2022

Resource Persons: Dr. Joydip Dhar, Dr.Himani Arora

Brochure:

KHALSA COLLEGE AMRITSAR
(An Autonomous College)

P.G. Department of Mathematics
organises
4th National Webinar
on
"Innovations and Applications in Mathematics"

Invited Speaker
Dr. Joydip Dhar
Professor,
ABV-IIITM, Gwalior

8th February, 2022

Invited Speaker
Dr. Himani Arora
Assistant Professor,
Guru Nanak Dev University,
Amritsar

Convener
HOD
Prof. Rajinder Pal Kaur

Patron
Dr. Mehal Singh
Principal

Brochure of 4th National Webinar on Innovations and Applications in Mathematics



Estd. 1892
e-mail: head_fst@yahoo.com

ਖਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ
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P.G. Department of Mathematics

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◆ NAAC ACCREDITATION 'A' GRADE ◆ COLLEGE WITH POTENTIAL FOR EXCELLENCE - Status conferred by UGC ◆

No. KCA/MATHS/19

Dated 9/02/2022

Activity Report

Name of Activity	4 th National Webinar on Innovations and Applications in Mathematics
Date	08-Feb-2022
Resource Person	Dr. Joydip Dhar, Dr.Himani Arora
No. of Participants	64

One-day National Webinar on Innovations and Applications in Mathematics was organized by P.G. Department of Mathematics, Khalsa College, Amritsar on 08-02-2022 in Math Lab of the department. Dr. Mehal Singh (Principal, Khalsa College, Amritsar) was the chief guest. Dr. Joydip Dhar and Dr.Himani Arora were the resource persons. The resource persons gave innovative ideas in Mathematical Modelling and Cryptography. Students listened enthusiastically to the great and innovative ideas of the resource person. At last, head of the department gave a vote of thanks to the honoured resource persons.

Head
P.G. Dept. of Mathematics
Khalsa College, Amritsar

Activity Report of 4th National Webinar on Innovations and Applications in Mathematics

Attendance of Students Participated:

4th National Webinar on "Innovations and Applications in Mathematics" on 8-02-2022

Timestamp	Email Address	Name of the participant	Designation *	Mention Class in case of student	Institution
2-9-2022 13:13:19		Gagandeep Singh	Faculty		Khalsa College Amritsar
2-9-2022 14:19:43	piyushpathania20714025@khalsacollege.edu.in	PIYUSH PATHANIA	Student	Msc math sem 4th	Khalsa college amritsar
2-9-2022 14:21:04	21714016rajdeep Singh@khalsacollege.edu.in	Rajdeep Singh	Student	Msc mathematics sem 2	Khalsa College Amritsar
2-9-2022 14:21:11	balisheena539@gmail.com	Ramneek	Student	Msc (Hons.) Mathematics	Khalsa College
2-9-2022 14:24:38	dksidhu97@icloud.com	Davinder kaur	Student	Msc maths(4th sem)	Khalsa college Amritsar
2-9-2022 14:28:28	charandeepsingh20714027@khalsacollege.edu.in	Charandeep singh	Student	Msc maths	Khalsa College Amritsar
2-9-2022 14:28:55	jaskaranjots@gmail.com	Jaskaranjot singh	Student	Msc mathematics	KHALSA COLLEGE
2-9-2022 14:33:23	21728008preranapatil@khalsacollege.edu.in	Prerana Patil	Student	MSc. (hons.) Maths Sem 2	Khalsa College Amritsar
2-9-2022 14:43:02	komalloona242@gmail.com	KOMAL LOONA	Student	Msc hons maths	Khalsa college amritsar
2-9-2022 14:45:50	anchalshr@gmail.com	Anchal Sharma	Faculty		Khalsa College Amritsar
2-9-2022 14:49:21	Komalpreetkhalsa096@gmail.com	Komalpreet Kaur	Student	Msc. Maths sem 4	Khalsa College Amritsar
2-9-2022 14:58:04	manpreetkaur20714017@khalsacollege.edu.in	Manpreet kaur	Student	M.Sc. (Mathematics)	Khalsa college, Amritsar
2-9-2022 15:03:45	kaumehak118@gmail.com	Mehakdeep kaur	Student	Msc mathematics	Khalsa college amritsar
2-9-2022 15:04:52	smgshamounbhatt0001@gmail.com	Shamoun Masih	Student	Msc mathematics	Khalsa College Amritsar
2-9-2022 15:05:33	apneetsingh@khalsacollege.edu.in	JAPNEET SINGH	Faculty		KHALSA COLLEGE AMRITSAR
2-9-2022 15:10:04	21714012manmeetkaur@khalsacollege.edu.in	Manmeet kaur	Student	Msc mathematics	Khalsa college
2-9-2022 15:18:31	NRINDRKOR691@GMAIL.COM	Narinder kaur	Student	M.sc mathematics	Khalsa College Amritsar
2-9-2022 15:22:03	nilankshadogra44@gmail.com	Nilanksha	Student	M.Sc (hons.) Mathematics Sem 2nd	Khalsa College Amritsar
2-9-2022 15:44:19	harmeetsingh19709002@khalsacollege.edu.in	Harmeet Singh	Student	B.sc Math hons. Sem 6	Khalsa college Amritsar
2-9-2022 15:44:30	jaskaranpreet387@gmail.com	JASKARANPREET SINGH	Student	B.Sc.(Hons.) Maths Sem-6	Khalsa College, Amritsar
2-9-2022 15:44:47	maniksharma19709042@khalsacollege.edu.in	Manik sharma	Student	B.sc. Mathematics	Khalsa college
2-9-2022 15:45:17	ndhima19709050@khalsacollege.edu.in	Ridhima	Student	B.sc (Hons.) Mathematics sem-VI	Khalsa college, Amritsar
2-9-2022 15:47:30	kritikasharma19709014@khalsacollege.edu.in	Kritika Sharma	Student	Bsc.hons.Mathematics sem 6	Khalsa College, Amritsar
2-9-2022 15:49:19	loveleenkaur19709029@khalsacollege.edu.in	Loveleen kaur	Student	B.Sc (hons) mathematics sem6	khalsa college amritsar.
2-9-2022 15:49:47	gurleenkaur19709019@khalsacollege.edu.in	Gurleen kaur	Student	Bsc maths (hons)	Khalsa college
2-9-2022 15:52:01	jashand061@gmail.com	Jashandeepkaur	Student	Bsc honors mathematics 6th sem	Khalsa college
2-9-2022 15:53:06	manjotsingh19709036@khalsacollege.edu.in	Manjot Singh	Student	BSc. Mathematics (Hons.)	Khalsa College Amritsar
2-9-2022 15:54:52	ratandeepgupta50@gmail.com	Ratandeep	Student	Bac Hons. maths sem 6	Khalsa College
2-9-2022 15:55:59	harpreetkaur19709007@khalsacollege.edu.in	Harpreet Kaur	Student	Bsc hons math sem 6	Khalsa College
2-9-2022 15:56:17	simrenpreetkaur19709054@khalsacollege.edu.in	simrenpreet kaur	Student	bsc maths hons sem 6	khalsa college
2-9-2022 15:57:28	sehjpreetkaur19709021@khalsacollege.edu.in	Sehjpreet kaur	Student	Bsc(hons) Mathematics sem 6	Khalsa College,Amritsar
2-9-2022 16:59:58	navneetkaur19709008@khalsacollege.edu.in	Navneet kaur	Student	Bsc (Hons) Math Sem 6	Khalsa college Amritsar
2-9-2022 16:02:35	simarjeetkaur19709062@khalsacollege.edu.in	Simarjeet Kaur	Student	Bsc maths hons	Khalsa college Amritsar
2-9-2022 16:08:05	navdeepkaur19709012@khalsacollege.edu.in	Navdeep kaur	Student	Bsc (hons.) Maths Sem-6	Khalsa college amritsar
2-9-2022 16:08:07	21714011avneetkaur@khalsacollege.edu.in	Avneet kaur	Student	Msc maths sem- 2nd	Khalsa college amritsar
2-9-2022 16:12:28	sehajpreetkaur19709040@khalsacollege.edu.in	Sehajpreet kaur	Student	Bsc hons. Maths sem-6	Khalsa college

Head
P.G. Dept. of Mathem atic
Khalsa College, Amritsar

2-9-2022 16:13:00	ekta19709039@khalsacollege.edu.in	ekta	Student	bsc (hons) maths sem 6	khalsa college amritsar
2-9-2022 16:14:54	ramandeepkaur19709013@khalsacollege.edu.in	Ramandeep kaur	Student	Bsc.hons.mathematics sem6	Khalsa College Amritsar
2-9-2022 16:21:32	21714002SANDEEP@khalsacollege.edu.in	Sandeep	Student	M.Sc mathematics-1year	Khalsa college amritsar
2-9-2022 16:23:32	anjali19709032@khalsacollege.edu.in	Anjali	Student	Bsc(hns) math sem6	Khalsa college
2-9-2022 16:23:33	simrankaur19709024@khalsacollege.edu.in	Simran kaur	Student	Bsc (Hons.)maths sem 6	Khalsa College amritsar
2-9-2022 16:24:00	mahima19709048@khalsacollege.edu.in	Mahima	Student	Bsc(Hons.)Mathematics sem -6	Khalsa college Amritsar
2-9-2022 16:26:52	saroj20714013@khalsacollege.edu.in	Saroj	Student	M.Sc Mathematics sem-4th	Khalsa College Amritsar
2-9-2022 16:33:47	krishankumar19709037@khalsacollege.edu.in	Krishan Kumar	Student	B.Sc.(Hons.)Mathematics Sem-VI	Khalsa College, Amritsar
2-9-2022 16:38:43	21714014Komalsharma@khalsacollege.edu.in	Komal Sharma	Student	Msc. Maths Sem. 2	Khalsa College, Amritsar
2-9-2022 16:40:46	mahima19709048@gmail.com	Mahima	Student	Bsc(Hons.)Mathematics Sem-6	Khalsa college Amritsar
2-9-2022 16:57:18	21726004anureetkaurdhilon@khalsacollege.edu.in	Anureet Kaur Dhilon	Student	M.Sc(Hons) Mathematics	Khalsa College Amritsar
2-9-2022 17:02:13	chandanhagat19709043@khalsacollege.edu.in	Chandan Bhagat	Student	Bsc Hons Maths Sem 6	Khalsa College Amritsar
2-9-2022 17:48:45	tanpreetkaur19709041@khalsacollege.edu.in	Tanpreet Kaur	Student	Bsc (Hons.) Maths	Khalsa College, Amritsar
2-9-2022 17:53:33	navroopkaur19709004@khalsacollege.edu.in	Navroop kaur	Student	Bsc(hons) mathematics sem6	Khalsa College Amritsar
2-9-2022 17:59:45	kaurharmohit@gmail.com	Harmohit kaur	Student	Msc maths sem (4)	Khalsa College Amritsar
2-10-2022 16:39:58	harleenkaur20714005@khalsacollege.edu.in	Harleen kaur	Student	Msc Mathematics sem 4	Khalsa College, Amritsar
2-10-2022 16:50:28	simranpotter007@gmail.com	Simranjeet kaur	Student	Msc. Mathematics	Khalsa college, amritsar
2-10-2022 22:42:16	prabjotsingh204@gmail.com	Sawan Singh	Student	B.sc (Hons) Mathematics	Khalsa College, Amritsar
2-10-2022 22:59:24	harjinderkaur20714032@khalsacollege.edu.in	Harjinder kaur	Student	Msc(mathematics)	Amritsar
2-10-2022 23:41:11	jameensuri123@gmail.com	Jasmeen kaur	Student	Msc(mathematics) sem-2	Khalsa college
2-11-2022 12:21:40	harkirankaur19709003@khalsacollege.edu.in	Harkiran Kaur	Student	Bsc. (hons.) Maths sem-6	Khalsa College
2-11-2022 16:33:49	navjodhe@gmail.com	Navpreet kaur	Student	Msc matematics	Khalsa college amritsar
2-15-2022 13:43:16	harmansandhu099@gmail.com	Harnanpreet kaur	Student	Msc(mathematics)	Khalsa college Amritsar
2-17-2022 1:59:19	singh jashan001@yahoo.com	Jashanpreet Singh	Student	M.Sc Mathematics	Khalsa College, Amritsar.
2-21-2022 15:44:33	palakpreetkaur19709005@khalsacollege.edu.in	Palakpreet kaur	Student	Bsc Mathematics (hons)	Khalsa college amritsar
2-25-2022 14:44:32	charugupta19709031@khalsacollege.edu.in	Charu Gupta	Student	Bsc Hons Sem 6	Khalsa College Amritsar
2-26-2022 10:54:06	PARMEETKAUR21716001@khalsacollege.edu.in	Parmeet Kaur	Student	Msc(hons.)Mathematics	Khalsa College, Amritsar
2-26-2022 11:22:23	manpreetbamra31@gmail.com	Sarbjit kaur	Student	Mac mathematics semester 1	Khalsa College Amritsar

Head
P.C. Dept. of Mathematics
Khalsa College, Amritsar

Attendance of 4th National Webinar on Innovations and Applications in Mathematics

DEPARTMENT OF PHYSIOTHERAPY

Name of Activity	Workshop on “ Awareness of Various Aspects of Physiotherapy”
Date	3-5 May, 2022
Number of Participants	36

KHALSA COLLEGE AMRITSAR
PG Department of Physiotherapy
&
Khalsa Global Reach Foundation Skill Development Centre
Organizes
3 Days Workshop on
"Awareness of Various Aspects of Physiotherapy"

Day 1: Neck pain, Knee pain
Day 2: Frozen shoulder, Heel pain
Day 3: Low back pain

May 3-5, 2022 **Time: 12:00 noon- 1:00 pm** **Venue: Physiotherapy Department**

Dr. Aman Navneet Kaur
Co-ordinator

Dr. Manu Vishist
Organizing Secretary & Head

Dr. Mehal Singh
Principal



ਖ਼ਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ
Khalsa College Amritsar

An Autonomous College affiliated to G.N.D.U., Amritsar
UGC Letter No. F.22-1/2013 (AC) Dt. 22-05-2013

☎ (O) : +91-183-2258097
: +91-183-5015511
Fax : +91-183-2255619
Pin : 143002 (Pb.) India

e-mail : khalsacollegeamritsar@yahoo.com

Web : www.khalsacollege.edu.in

◆ A HERITAGE INSTITUTION AND COLLEGE WITH POTENTIAL FOR EXCELLENCE - Status conferred by UGC ◆
◆ NAAC REACCREDITED "A" GRADE (CGPA) ◆ STAR STATUS CONFERRED BY DBT, NEW DELHI ◆ AN ISO CERTIFIED COLLEGE ◆

No. 1995
Dated 27/4/2022

NOTICE

PG Department of Physiotherapy and Khalsa Global Reach Foundation Skill Development Centre is organizing 3 days workshop from 3rd to 5th May 2022 on "Awareness of Various Aspects of Physiotherapy" for all teaching/non teaching staff and students in the Skill Development Centre.

The timings of the workshop will be 12:00 noon to 1:00 pm. There will be no registration fee. The certificates will be issued to the participants only with 100% attendance. Workshop topics will be:

Day 1	Neck pain, Knee pain
Day 2	Frozen shoulder, Heel pain
Day 3	Low back pain


(Dr. Mehal Singh)
Principal

Copy to:

1. Dean Academic Affairs
2. Registrar
3. All Heads of the Departments/In-charges of Department of Physical Education, History, Hindi, Music, Sociology, Fine Arts, Journalism & Mass Communication, Fashion Designing and Religious Studies for information of teachers
4. OSD
5. Superintendent/File



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DEPARTMENT OF PHYSIOTHERAPY KHALSA COLLEGE, AMRITSAR

(O) : 0183-5577722
0183-2258097
(D) : 0183-5577720
Fax : +91-183-2255619

Ref. No. *KCA-PT-590/A*

Dated *07-05-2022*

REPORT ON WORKSHOP

A three days workshop on the “**AWARENESS OF VARIOUS ASPECTS OF PHYSIOTHERAPY**” was conducted in the physiotherapy department, Khalsa College Amritsar from 03.05.2022 to 05-05-2022. The timings of the workshop was 12:00noon to 1:00 pm. The objective of the workshop was to make aware the local community about the common musculoskeletal disorders and the role of physiotherapy in their management.

On the very first day i.e. 03-05-2022 the workshop began with the addressing note of Dr. Manu Vishist, Head Department of Physiotherapy. The topics covered on the first day were “**Neck Pain**” and “**Heel Pain**”. Dr. Amanpreet Kaur (Assistant Professor Physiotherapy Department) presented about Neck Pain- what actually the neck pain is, its causes, signs & symptoms, various therapeutic approaches and ergonomics advice. After that Anmolpreet Kaur (student of Physiotherapy Department) explained the participants about Knee Pain- its various causes and treatment approaches.

On day two of the workshop, Dr. Shubhneet Kaur (Assistant Professor Physiotherapy Department) educated the participants about **Frozen Shoulder**. After that Dr. Mehakdeep Kaur (PT) presented about **Heel Pain** -various ergonomic advice & shoe modifications.

On the last day i.e. 05-05-2022, Dr. Aman Navneet Kaur (Assistant Professor Physiotherapy Department) put light on **Low Back Pain** and covered all the important aspects regarding this topic.

After every presentation, a query session was held to clear the doubts of the participants and refreshment was provided on each workshop day. At the end of the workshop, certificates were awarded to the participants. The total number of attendants was 36. In addition to this, the attendants were asked to give their valuable feedback and suggestions. On the whole, the workshop was very successful.

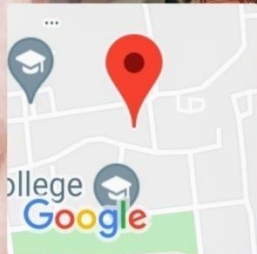
Manu Vishist
(Dr. Manu Vishist)
Head

Head of Department
Physiotherapy
Khalsa College, Amritsar.



Amritsar, Punjab, India
JRPP+3FV, Putligarh, Amritsar, Punjab 143002, India
Lat 31.635156°
Long 74.836093°
05/05/22 12:17 PM

Lecture on Low back pain by Dr. Aman Navneet Kaur (03-05-2022)



Amritsar, Punjab, India
JRPP+3FV, Putligarh, Amritsar, Punjab 143002, India
Lat 31.635137°
Long 74.836162°
04/05/22 12:20 PM

Lecture on Frozen shoulder by Dr. Shubhneet Kaur (04-05-2022)



Amritsar, Punjab, India
JRPP+3FV, Putligarh, Amritsar, Punjab 143002, India
Lat 31.635066°
Long 74.835956°
03/05/22 12:48 PM

Lecture on Knee pain by Dr. Manpreet Kaur (05-05-2022)



Amritsar, Punjab, India
JRPP+4CR, Putligarh, Amritsar, Punjab 143002, India
Lat 31.635102°
Long 74.835795°
03/05/22 01:45 PM

Staff members during the event (04-05-2022)

KHALSA COLLEGE AMRITSAR
PG DEPARTMENT OF PHYSIOTHERAPY

List of Participants in Workshop
"Awareness of Various aspects of Physiotherapy"

S. No.	Name	Department/ Designation	Contact
1.	Eakta Sharma	Food Science (Student)	7889470429
2.	Simranjeet Kaur	Food Science (Student)	7710305312
3.	Kiranpreet Kaur	Food Science (Student)	8437807862
4.	Dr. Harpreet Kaur	Botany (Asst. Professor)	9876604806
5.	Dr. Madhu	Botany (Asst. Professor)	9872554578
6.	Dr. Sushant Sharma	Botany (Asst. Professor)	6006024993
7.	Amrit Kaur	Maths (Asst. Professor)	7814360344
8.	Lovedeep Singh	Accounts (Clerk)	7837923739
9.	Bikramjeet Singh	Accounts (Clerk)	8360228421
10.	Kawaljeet Singh	Pgdca (Clerk)	9814187927
11.	Daljit Kaur	OPD Patient	9888136412
12.	Varinder Kaur	OPD Patient	9814287927
13.	Jagroop Kaur	OPD Patient	8872782576
14.	Surinder Kaur	OPD Patient	7508898748
15.	Partap Singh	OPD Patient	9569274640
16.	Naresh	OPD Patient	9888011315
17.	Balwinder Singh	OPD Patient	9876059184
18.	Pritpal Kaur	OPD Patient	9855869708
19.	Randeep Kaur	OPD Patient	9855869708
20.	Harjinder Kaur	OPD Patient	6283727768
21.	Sukhpreet Kaur	OPD Patient	8198047550
22.	Rupinder Kaur	OPD Patient	9988771288
23.	Harbhajan Singh	OPD Patient	9888204494
24.	Anmolpreet Kaur	Physiotherapy (Student)	6283577923
25.	Ramandeep Kaur	Physiotherapy (Student)	6283202429
26.	Prerna	Physiotherapy (Student)	7986234832
27.	Balraj Singh	Physiotherapy (Student)	7814055408
28.	Vanya Seth	Physiotherapy (Student)	9877857550
29.	Jobanpreet Singh	Physiotherapy (Student)	7901779034
30.	Kulwant Kaur	Physiotherapy (Student)	9814996670
31.	Chitvanjeet Kaur	Physiotherapy (Student)	8289090003
32.	Dr. Aman Navneet Kaur	Physiotherapy (Asst. Professor)	8054304902
33.	Dr. Manu Vishist	Physiotherapy (Asst. Professor)	7837089602
34.	Dr. Shubhneet Kaur	Physiotherapy (Asst. Professor)	7347672434
35.	Dr. Amanpreet Kaur	Physiotherapy (Asst. Professor)	7814168415
36.	Dr. Manpreet Kaur	Physiotherapy (Asst. Professor)	8968497676

Manu Vishist
Principal
Khalsa College, Amritsar

Manu Vishist
Head of Department
Physiotherapy
Khalsa College, Amritsar.

Name of Activity	Lecture on ‘‘Non-surgical treatment for pain in Arthritis’’
Date	12 th October, 2021
Number of Participants	33



KHALSA COLLEGE AMRITSAR
PG Department of Physiotherapy
in collaboration with Amandeep Hospital Amritsar
on World Arthritis Day (12 Oct. 2021)

Organizes

"Free Medical Camp"

10:00am to 1:00pm

CAMP HIGHLIGHTS:

- *Bone mineral density
- *ECG
- *Blood sugar
- *Blood pressure

Venue: Department of Physiotherapy

Dr. Manu Vishist
Head

"A Lecture"

12:00 noon

"On non-surgical treatment for pain in Arthritis"
(By Dr. Parampreet Singh)

In seminar hall

Dr. Mehal Singh
Principal



Est. 1892

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An Autonomous College affiliated to G.N.D.U., Amritsar
UGC Letter No. F.22-1/2013 (AC) Dt. 22-05-2013

(O) : +91-183-2258097
+91-183-5015511
Fax : +91-183-2255619
Pin : 143002 (Pb.) India

E-mail : khalsacollegeamritsar@yahoo.com

Web : www.khalsacollege.edu.in

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No. 5082

Dated 11/10/2021

NOTICE

WORLD ARTHRITIS DAY CELEBRATION

The PG Department of Physiotherapy in collaboration with Amandeep Hospital Amritsar is going to organize:

'Free Medical camp'

Venue: PG Department of Physiotherapy

Time: 10:00 am to 1:00 pm

❖ CAMP HIGHLIGHTS:

- Bone mineral density
- ECG
- Blood Sugar
- Blood Pressure

'A Lecture'

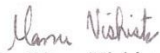
"On non-surgical treatment for pain in Arthritis"

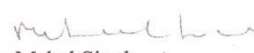
Venue: Khalsa College Seminar hall

Time: 12.00 noon

By Dr. Parampreet singh

On 12th October, 2021


Dr. Manu Vishist
Head, Deptt. of Physiotherapy


Dr. Mehal Singh
Principal

Copy to:

1. All Heads of the Departments/In-charges of Department of Physical Education, History, Hindi, Music, Sociology, Fine Arts, Journalism & Mass Communication, Fashion Designing and Religious Studies
2. Superintendent/File



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DEPARTMENT OF PHYSIOTHERAPY
KHALSA COLLEGE, AMRITSAR

(O) : 0183-5577722
(D) : 0183-2258097
Fax : +91-183-2255619

Ref. No. KCA-PT-448/A

Dated 14-10-2021

REPORT ON

LECTURE ON 'NON-SURGICAL TREATMENT FOR PAIN IN ARTHRITIS'

A lecture on "Non-surgical treatment for pain in Arthritis" was also organized by the department for the teaching and non-teaching staff of the college on 12th October, 2021 at seminar hall. Dr. Parampreet Singh, Senior Orthopedician, Amandeep Hospital, Amritsar delivered the lecture and made the staff and students aware about the disease and new non-surgical techniques in the management of arthritis related pain which can ease the struggles of people who fight the disease. Dr. Manu Vishist, Head of Physiotherapy Department thanked Dr. Parampreet Singh for such an informative lecture.

Manu Vishist
(Dr. Manu Vishist)
Head

Head of Department
Physiotherapy
Khalsa College, Amritsar.

Department of Physiotherapy

List of Students attended the lecture 'NON-SURGICAL TREATMENT FOR PAIN IN ARTHRITIS'

S. No.	Roll No.	Name	Signature
1.	18601001	Harmeet Kaur	Harmeet Kaur
2.	18601002	Harpreet Kaur	Harpreet Kaur
3.	18601003	Anmolpreet Kaur	Anmolpreet Kaur
4.	18601004	Ramandeep Kaur	Ramandeep Kaur
5.	18601005	Deeksha Bindra	Deeksha Bindra
6.	18601006	Aashmita Uppal	Aashmita Uppal
7.	18601008	Manjot Singh	Manjot Singh
8.	18601009	Mehakjot Kaur	Mehakjot Kaur
9.	18601013	Vanshika	Vanshika
10.	18601015	Rabia Shingari	Rabia Shingari
11.	18601017	Anvi	Anvi
12.	18601018	Bhawarpreet Singh	Bhawarpreet Singh
13.	18601019	Muskan Arora	Muskan Arora
14.	18601020	Arpandeep Kaur	Arpandeep Kaur
15.	18601021	Prabhjot Kaur	Prabhjot Kaur
16.	18601022	Arshdeep Kaur	Arshdeep Kaur
17.	18601023	Vishali	Vishali
18.	18601026	Hubtul Aala	Hubtul Aala
19.	18601027	Kirpal Singh	Kirpal Singh
20.	18601033	Sukhmanpreet kaur	Sukhmanpreet kaur
21.	18601034	Amandeep Kaur	Amandeep Kaur
22.	18601036	Navpreet	Navpreet
23.	18601037	Muskaan Kaur	Muskaan Kaur
24.	18601039	Balraj Singh	Balraj Singh
25.	18601041	Jesmeen Kaur	Jesmeen Kaur
26.	18601043	Harmeet Kaur Gill	Harmeet Kaur Gill
27.	18601044	Eshita Mahajan	Eshita Mahajan
28.	18601048	Kashish	Kashish
29.	18601049	Anjali	Anjali
30.	18601050	Astha Mahajan	Astha Mahajan
31.	18601057	BKP Rajlakshmi Borah	Rajlakshmi
32.	17601032	Neeraj Sharma	Neeraj Sharma
33.	17601040	Ramandeep Kaur	Ramandeep Kaur

Michael H
Principal
Khalsa College, Amritsar

Rama Vaidist
Head of Department
Physiotherapy
Khalsa College, Amritsar.

Training and Placement cell Khalsa College Amritsar Organises webinar on 21st April 2022

INTRO TO ROBOTICS
Presented by 19458 Equilibrium.exe and Inspire Minds

FTC ROBOTS

- Robot Engineering Design
- Fully Autonomous Mode
- High-Level Software Algorithms

COMPUTER VISION

- Image Processing
- YCrCb Color Format
- Object Detection

OTHER ALGORITHMS

Autonomous Pathing

- Utilizing RoadRunner – an open source pathing library

Finite State Machine

- Enables multiple functions to run concurrently while staying efficient
- Much more efficient than multithreading, which took an extensive toll on our computing power

The poster features a dark blue background with colorful geometric shapes and a central image of a robot. The text is white and yellow, with bullet points in white. The overall design is modern and technical.



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Training and Placement Cell
KHALSA COLLEGE, AMRITSAR
(An Autonomous College)

(M) +91-95010-24212
(M) +91-98146-12521
Pin : 143002 (Pb.) India

E-mail : placementcell@khalsacollege.edu.in

Website : www.khalsacollege.edu.in

No. 249.1 /TPC

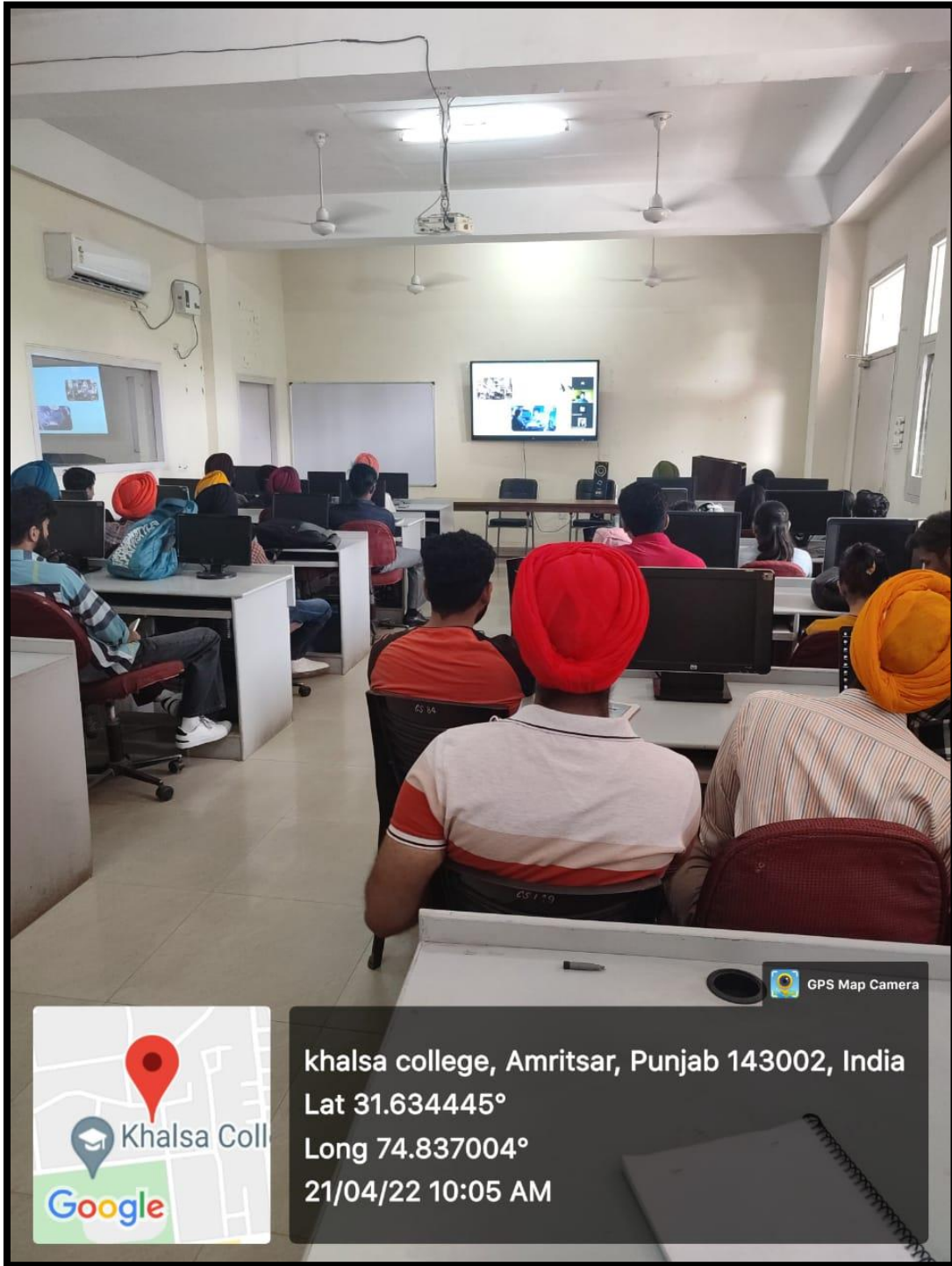
Dated 28/9/22

Activity Report

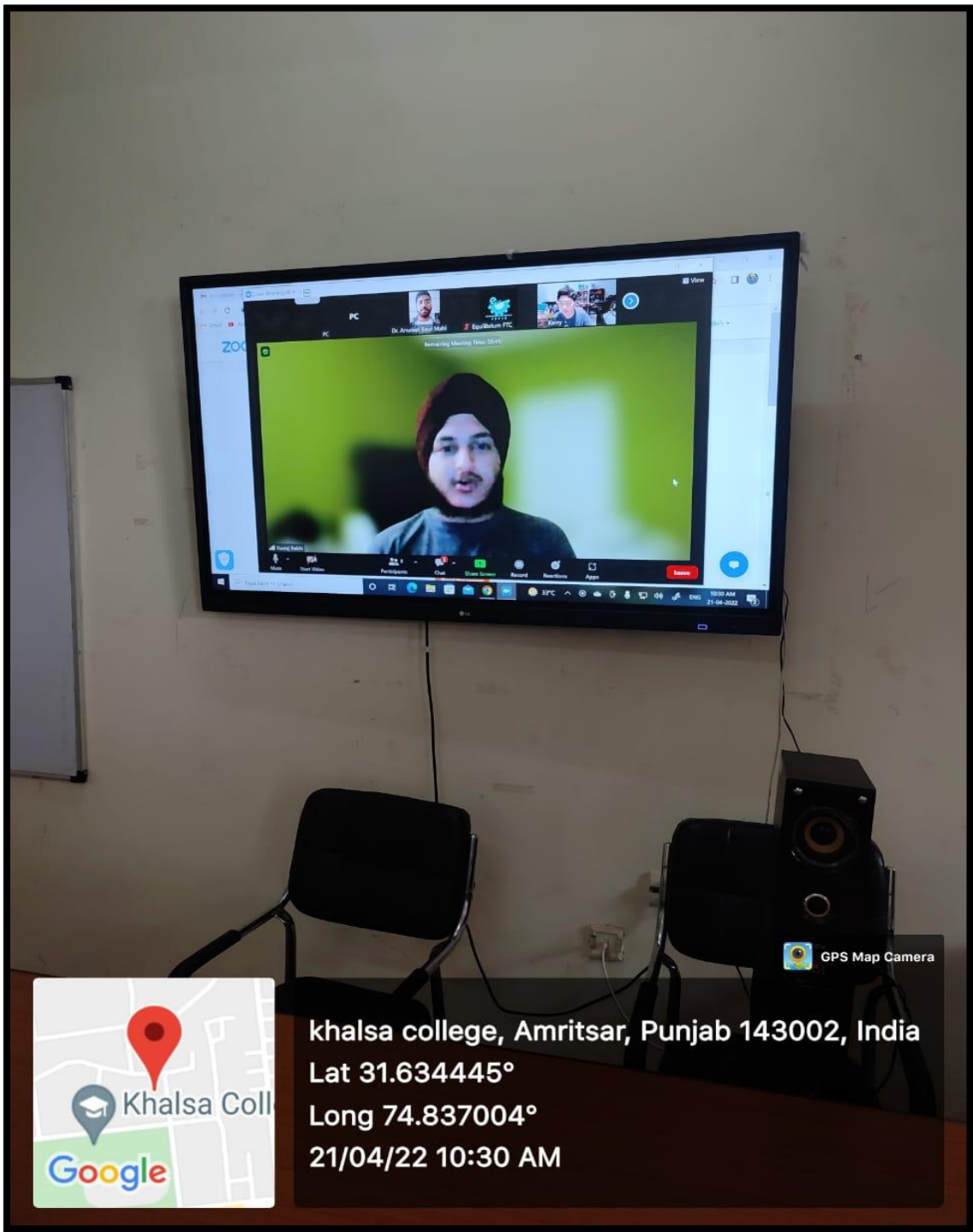
Name of the Event: - Webinar on "Introduction to robotics"

Date of Event: 21 April 2022

Training and placement cell of Khalsa College, Amritsar organized webinar on introduction to robotics by 19458 Equilibrium.exe and Inspire Minds on April 21, 2022. The webinar highlighted FTC Robotics that challenged to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format. The resource person explained various high level software algorithms that are needed for automation. He also emphasized on recent trends on image processing and object detection. 62 students and faculty members took part in the webinar. Students were happy to seek the information related to latest technology that is the need of the hour.



Students attending webinar (21-04-2022)



Speaker addressing participants (21-04-2022)

Attendance Chart : April 21, 2022

Webinar on “Introduction to Robotics”

SNO.	Roll No	Name	Class
1.	19401067	HARKIRAT SINGH	BCA Sem VI
2.	19401068	HIRDEYJEET KAUR	BCA Sem VI
3.	19401070	MANPREET SINGH	BCA Sem VI
4.	19403017	ROHAN	B.Sc. IT Sem VI
5.	19403018	INDERJEET SINGH	B.Sc. IT Sem VI
6.	19403023	AKASHPREET SINGH	B.Sc. IT Sem VI
7.	19403024	VARUNDEEP SINGH	B.Sc. IT Sem VI
8.	19403027	SIMRANPREET KAUR	B.Sc. IT Sem VI
9.	19401060	NOBELPREET KAUR	BCA Sem VI
10.	19401061	RAJBIR KAUR	BCA Sem VI
11.	19403010	MANDRA	B.Sc. IT Sem VI
12.	19403011	RAJAT MANNAN	B.Sc. IT Sem VI
13.	19403012	KAJAL	B.Sc. IT Sem VI
14.	19403013	GURKIRAT KAUR	B.Sc. IT Sem VI
15.	19403062	DOLLY	B.Sc. IT Sem VI
16.	19403065	RAKSHIT SHARMA	B.Sc. IT Sem VI
17.	19403067	SOURAV THAPA	B.Sc. IT Sem VI
18.	19403077	TANVIR KAUR	BCA Sem VI
19.	19401008	ARVIND SINGH	BCA Sem VI
20.	19401009	ANKIT SAINI	BCA Sem VI
21.	19401010	AMANDEEP SINGH	BCA Sem VI
22.	19401011	AVTAR SINGH	BCA Sem VI
23.	19401012	PAWANPREET KAUR	BCA Sem VI
24.	19401013	ARSHDEEP SINGH	BCA Sem VI
25.	19401015	UJWAL LAKHANPAL	BCA Sem VI
26.	19401016	PRIYA SHARMA	BCA Sem VI
27.	19401017	DAVINDER SINGH	BCA Sem VI

**Webinar on “Introduction to Robotics”
(On April 21, 2022)**

**Attendance Chart : April 21, 2022
Webinar on “Introduction to Robotics”**

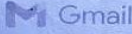
SNO.	Roll No	Name	Class
28.	19401001	TARUNDEEP KAUR	BCA Sem VI
29.	19403067	SOURAV THAPA	B.Sc. IT Sem VI
30.	19401004	SUNALI	BCA Sem VI
31.	18403019	MANJINDER SINGH	B.Sc. IT Sem VI
32.	19401006	KARAMBIR KAUR	BCA Sem VI
33.	19403002	SUNBIR SINGH	B.Sc. IT Sem VI
34.	19403003	PRINCEDEEP SINGH	B.Sc. IT Sem VI
35.	19403005	TARNBIR SINGH	B.Sc. IT Sem VI
36.	19401005	ANURAG BHARTI	BCA Sem VI
37.	19401003	HARSIMRAN KAUR	BCA Sem VI
38.	19401007	BHUVAN SHARMA	BCA Sem VI
39.	19401031	NITISH KUMAR	B.Sc. IT Sem VI
40.	19403065	RAKSHIT SHARMA	B.Sc. IT Sem VI
41.	19401018	RAVIARSHDEEP SINGH	BCA Sem VI
42.	19403039	ISHANT	B.Sc. IT Sem VI
43.	19401020	ASHISH SINGH BHANDARI	BCA Sem VI
44.	19403029	ANUREET KAUR	B.Sc. IT Sem VI
45.	19403032	NAVDEEP SINGH	B.Sc. IT Sem VI
46.	19403033	PREM SINGH	B.Sc. IT Sem VI
47.	19401021	JYOTI	BCA Sem VI
48.	19401022	MANSI SARPAL	BCA Sem VI
49.	19401028	JAGMEET SINGH	B.Sc. IT Sem VI
50.	19401025	DEVYANI	BCA Sem VI
51.	19403038	HARSHDEEP SINGH	B.Sc. IT Sem VI
52.	19401019	DIPANSHU JOSHI	BCA Sem VI
53.	19403040	PUNJAB SINGH	B.Sc. IT Sem VI
54.	19401086	KARAN BHANDARI	BCA Sem VI
55.	19401087	DHEERAJ KUMAR	BCA Sem VI

Attendance Chart : April 21, 2022
Webinar on “Introduction to Robotics”

SNO.	Roll No	Name	Class
56.	19401027	SIMRANJIT SINGH	B.Sc. IT Sem VI
57.	19401091	RAJANDEEP SINGH	BCA Sem VI
58.	19403062	DOLLY	B.Sc. IT Sem VI
59.	19401032	NAVPREET KAUR	B.Sc. IT Sem VI
60.	19401088	JOBAN SINGH	BCA Sem VI
61.	19401026	MANDEEP KAUR	B.Sc. IT Sem VI
62.	19401024	AKASHDEEP SINGH	BCA Sem VI

DEPARTMENT OF ZOOLOGY
Workshop on 'Learning through Low Cost Teaching Aids' (December 22-24, 2021)

11/19/22, 10:40 AM Gmail - Organization of Activity based Chemistry Teaching Workshop using Low-cost Teaching Aids.

 Jasjit Randhawa <jaskrandhawa@gmail.com>

Organization of Activity based Chemistry Teaching Workshop using Low-cost Teaching Aids.
3 messages

KULBIR SINGH BATH <kulbirsingh.bath@punjab.gov.in> Thu, Nov 11, 2021 at 12:52 PM
To: jaskrandhawa@gmail.com, singhjassi75 <singhjassi75@yahoo.co.in>

Sir

As you would agree, innovative methods of teaching can go a long way in keeping the spirit of curiosity alive among the students. Punjab State Council for Science & Technology under its STEM Outreach program has been acting as the nodal agency for DST, Govt. of India to popularize and promote science education through innovative methods.

As informed earlier, PSCST has been sanctioned a training workshop by Vigyan Prasar, DST, Govt. of India to demonstrate chemistry teaching using innovative and low-cost teaching aids. The workshop of 3 days duration is designed to train 30 school chemistry teachers of Punjab.


It is proposed to organize the workshop in association with Department of Zoology, Khalsa College, Amritsar during first/second week of December, 2021. All expenses on organization of the workshop will be made by PSCST. Khalsa College will be required to make the following arrangements:


- - A suitable hall/class-room with facilities of LCD/projector, display board and tables for assembling/demonstrating workshop material and kits.
- - Stay arrangements for about 20 outstation participants for 2 days.
- - Stay arrangements for Resource Persons (2) and PSCST Officials (4) for 3 days.
- - Working lunch, breakfast, tea and dinner for approximately 35 participants during the 3 days.

Kindly, send the consent to organize the workshop at Khalsa College, Amritsar so that suitable dates could be finalized.

Thanking you & with regards,

Yours sincerely,
Dr. K.S. Bath,
Joint Director (STITFD)
Punjab State Council for Science & Technology,
Sector 26, Chandigarh.



 **Letter - Khalsa College.pdf**
417K

Jasjit Randhawa <jaskrandhawa@gmail.com> Fri, Nov 12, 2021 at 9:36 PM
To: KULBIR SINGH BATH <kulbirsingh.bath@punjab.gov.in>

Dear sir,
Thanks for the mail. I will be glad to organize this workshop in our college. Kindly send the dates so that arrangement be made.
[Quoted text hidden]

Jasjit Randhawa <jaskrandhawa@gmail.com> Sat, Nov 13, 2021 at 3:58 PM
To: YAHOO! <singhjassi75@yahoo.co.in>

<https://mail.google.com/mail/u/1/?ik=8769468146&view=pt&search=all&permthid=thread-f%3A1716116993168386737&siml=msg-f%3A17161169931...> 1/2

An e-mail of Proposal to conduct the workshop at Dept. of Zoology, from PSCST



Ph. (O) : +91-7355542726
: 0183-5071726

**P. G. DEPARTMENT OF ZOOLOGY
KHALSA COLLEGE, AMRITSAR.**

E-mail : headzoologykca@rediffmail.com

Web : www.khalsacollegeamritsar.com


Ref. No. ZD/858.....

Dated 25.5.22.....

2. Workshop on 'Physics learning through Low Cost Teaching Aids' (December 22-24, 2021)

PG Department of Zoology in collaboration with Punjab State Council for Science & Technology, Chandigarh organized a three days' Workshop on 'Physics learning through Low Cost Teaching Aids' from 22nd to 24th December, 2021 for Science teachers of Government schools. 35 Science teachers from various districts of Punjab participated in this workshop. Dr. B.K. Tyagi (Scientist) Vigyan Prasar, Department of Science and Technology, Govt. of India was the Chief Guest for this occasion. Dr. K.S. Baath, Principal Scientific Officer, PSCST Chandigarh was also present on this occasion. The basic aim of the workshop was to improve physics learning and to create interest in physics among children by conducting hands-on-activities and to clear the concepts of physics principals through simple low cost experiments.

Dr. Jasjit Kaur Randhawa, Head of Zoology Department inaugurated the workshop and apprised that Khalsa College had conducted similar workshops in the past too for communicating science. Dr. K.S. Bath in his address welcomes the experts and participants and thanked Khalsa College for hosting the workshop. Sh. B.K Tyagi introduced the concept of the workshop and outlined the agenda of learning and teaching physics through low cost teaching aids.


Head of Zoology &
Entomology Dept.
Khalsa College Amritsar



Glimpses of a training workshop on ‘Learning through Low Cost Teaching Aids’

(22-12-2021)

Attendance Chart- Workshop on 'Learning through Low Cost Teaching Aids' (Dec. 22-24, 2021)

ATTENDANCE SHEET

Capacity Building Training Workshop on Teaching Physics through Low-Cost Teaching Aids
(22nd to 24th December, 2021; at Khalsa College, Amritsar)

S. No.	Name of the Participant	Address of School	Mobile & E-Mail ID	Signatures 22.12.2021	Signatures 23.12.2021	Signatures 24.12.2021
1.	Mr. Rajan Rana Lecturer Physics	Govt. Girls Sen. Sec. School, Rahon SBS Nagar	98785-82514 rajan.rana36@gmail.com sbsnagar.gsss.rahongirls@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	Mr. Sachin Rana Lecturer Physics	Govt. Sen. Sec. School, Jadia, SBS Nagar	80541-83422 ranasachin003@gmail.com sbsnagar.gsss.jadia@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	Mr. Jaspreet Singh Lecturer Physics	Govt. Sen. Sec. School, Bath, Tarn Taran	85915-94999 jaspreetarora62@gmail.com , gsss.bath.tarnaran@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	Mr. Rajinder Kumar Lecturer Physics	Govt. Girls Sen. Sec. School, Chohla Sahib Tarn Taran	97806-02029 rajinderkumar2009@gmail.com gsss.chohlasahib.girls.trn@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	Mr. Tejinder Singh Lecturer Physics	Govt. Sen. Sec. School (Boys), Tarn Taran	98557-99700 shabad25teji@gmail.com gsss.tarnaran.boys@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	Mr. Deepinder Singh	Govt. Girls Sen. Sec. School, M.S. Road, Amritsar	96469-12348 deepinder5432@gmail.com ggssmsroadsr@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	Mr. Sahib Dyal Singh Lecturer Physics	Govt. Sen. Sec. School, Chehharta, Amritsar	95016-06533 sdsingh@yahoo.com asr.gssschheharta@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
Head of Zoology & Entomology Deptt.
Khalsa College Amritsar

8.	Ms. Kamayni Lecturer Physics	Govt. Sen. Sec. School, Town Hall, Amritsar	95015-00427 kamayni.earne@gmail.com gssstownhallasr@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	Ms. Bharti Lecturer Physics	Govt. Sen. Sec. School, Sultanwind, Amritsar	79860-68762 bharisachar83@yahoo.com ggssultanwindasr@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10.	Mr. Nikhil Seth Lecturer Physics	Govt. Girls Sen. Sec. School, Mall Road, Amritsar	98142-10632 sathnikhil1982@gmail.com asr.gssmailroadgirls@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	Ms. Gurpreet Kaur Lecturer Physics	Govt. Girls Sen. Sec. School, Ajnala, Amritsar	95010-35710 gurk23555@gmail.com ggssajnalasr@gmail.com	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	Mr. Kirandeep Singh Science Master	Govt. Sen. Sec. School Machhke, Moga	94632-43115 kirandeepp@gmail.com moga.gsssmachhike@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	Mr. Rahul Goyal Science Master	Govt. Sen. Sec. School Lande, Moga	95694-44337 rahulgoyal619@gmail.com moga.gssslande@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	Mr. Sarban Singh Science Master	Govt. Sen. Sec. School Smadh Bhai, Moga	70098-95501 sarbanmanuke@gmail.com moga.gsssmadhbhai@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	Mr. Manoj Kumar Lecturer Physics	Govt. Girls Sen. Sec. School, Pathankot	78370-30050 namoshiv09@gmail.com pkt.gssgirls@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	Mr. Ajay Singh Katoch Lecturer Physics	Govt. Sen. Sec. School, Badhani, Pathankot	94654-49606 akatochbs@gmail.com gsssbadhani@punjabeducation.gov.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
Head of Zoology & Entomology Deptt.
Khalsa College Amritsar

17.	Ms. Pooja Tack Lecturer Physics Science Teacher	Army Public School Mamoon, Pathankot	62832-16807 tackpoojas@gmail.com armypublicschoolmamoon@gmail.com			
18.	Mr. Gurdinder Singh Lecturer Physics	Govt. Sen. Sec. School, Zafarwal, Gurdaspur	78377 16421 gurdindermokh19@gmail.com gsp.gssszafarwal@punjabeducation.gov.in	Gurdinder	Gurdinder	Gurdinder
19.	Mr. Prem Singh Lecturer Physics	Govt. Sen. Sec. School, Dhupsarhi, Gurdaspur	98888-97470 premsinghphytec@gmail.com gsp.gsssdhupsari@punjabeducation.gov.in	Prem Singh	Prem Singh	Prem Singh
20.	Ms. Suchita Pal Lecturer Physics	Govt. Girls Sen. Sec. School, Batala, Gurdaspur	88724-22257 since10jan@gmail.com gsp.gsssbatala@punjabeducation.gov.in	Suchita Pal	Suchita Pal	Suchita Pal
21.	Miss Payal Hans Lecturer Physics	Govt. Sen. Sec. School, Magarmudian, Gurdaspur	88470-39897 payalhans75@gmail.com gsp.gssmagarmudian@punjabeducation.gov.in	Payal	Payal	Payal
22.	Mr. Gurmeet Singh Science Master	Govt. High School, Jhandu Wala, Ferozepur	84376-28389 bmsciencesgshs12@gmail.com ghs.jhanduwalafr@gmail.com	Gurmeet	Gurmeet	Gurmeet
23.	Mr. Gurpreet Singh Science Master	Govt. High School, Piri Ismail Khan, Ferozepur	7986023019 gurpsingh2019@gmail.com gurpsingh385@gmail.com fzr.ghspirismaikhana@punjabeducation.gov.in	Gurpreet Singh	Gurpreet Singh	Gurpreet Singh
24.	Mr. Sachin Kumar Science Master	Govt. High School, Chhanga Rai Uttar, Ferozepur	95012-98575 sachin.oarang89@gmail.com fzr.gmsthegujjar@punjabeducation.gov.in	Sachin	Sachin	Sachin

Head of Zoology &
Entomology Dept.
Khalsa College Amritsar

25.	Mr. Arun Kumar Lecturer Physics	Govt. Sen. Sec. School, Jandiail, Ludhiana	98765-00122 arun.fizix@gmail.com gss.ljh.jandiail@punjabeducation.gov.in	Arun	Arun	Arun
26.	Mr. Harwinder Singh Lecturer Physics	Govt. Sen. Sec. School, Chak Kalan, Ludhiana	99141-91161 haksunny.18@gmail.com gss.ljh.chakkalan@punjabeducation.gov.in	Harwinder	Harwinder	Harwinder
27.	Mr. Sanjeev Kumar Lecturer Physics	Govt. Sen. Sec. School, Bhaini Sahib, Ludhiana	94652-50700 79865-66783 sanjeevkumar50700@gmail.com gss.ljh.bhainisahib@punjabeducation.gov.in	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar
28.	Mr. Maninder Singh Lecturer Physics	Govt. Sen. Sec. School, Baghpur, Hoshiarpur	98156-16493 maninder13760@gmail.com icibaghpursataur@yahoo.ac.in	Maninder Singh	Maninder Singh	Maninder Singh
29.	Mr. Narinder Singh Lecturer Physics	Govt. Sen. Sec. School, Pathial, Hoshiarpur	94178-48808 narinder.singh1785@yahoo.com icpathial@yahoo.co.in	Narinder Singh	Narinder Singh	Narinder Singh
30.	Mr. Surjit Singh Lecturer Physics	Govt. Sen. Sec. School, Attowal, Hoshiarpur	94639-76744 surjitbains81@yahoo.com hsp.gssattowal@punjabeducation.gov.in	Surjit Singh	Surjit Singh	Surjit Singh

Head of Zoology &
Entomology Dept.
Khalsa College Amritsar

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BIOTECHNOLOGY

Organizes
Value Added Course on
Introduction to Plant Tissue Culture



From: 21st January to 4th February, 2022

For students of
M.Sc. Biotechnology, Sem II

Instructors: Dr. Amanpreet Kaur Sidhu
and
Prof. Harmanpreet Kaur Gill

Teacher In-charge : Dr. Amanpreet Kaur Sidhu
(+91-9623291607)

NOTICE:



Department of Biotechnology
Khalsa College, Amritsar - 143002, (Pb.), India.

Dept. : +91-183-5071717
Off. : +91-183-5071722
+91-183-2258097
Fax : +91-183-2255619

Ref. No. 227 /BT
Dated 12/01/22

Notice

Organization of Value-Added Courses

This is to inform all the faculty members that the department has scheduled the following Value-Added Courses for the session 2021-22. These courses are to be conducted by the concerned teachers from 21/1/22 to 4/2/22. Dr. Amanpreet Kaur Sidhu has been assigned as the in-charge to conduct these courses smoothly.

Sr. No.	Name of the Course	Classes to be enrolled	Teachers assigned	Signatures
1.	Introduction to the Plant Tissue Culture Techniques	B.Sc.Sem II	Dr.Amanpreet Kaur Sidhu Prof.Harmanpreet Kaur Gill	
3.	Concepts of Intellectual Property Rights	M.Sc.Sem II	Dr.Madhvi Sharma Dr.Amanpreet Kaur Virk	

Each teacher is expected to teach two sections of the assigned course independently.
Your cooperation is highly solicited.

(Dr. Kamaljit Kaur)
Head
Head,
Department of Biotechnology,
Khalsa College, Amritsar

LIST OF STUDENTS:

Department of Biotechnology

B.Sc. Sem II

List of students enrolled for the value added course

21st Jan -4th Feb -2022

Title: Introduction to Plant Tissue Culture Techniques

Teachers: Dr.Amanpreet Kaur Sidhu

Prof.Harmanpreet Kaur Gill

S. No.	Name	Roll No.
1.	Mehakpreet Kaur	21701001
2.	Sukhpreet Kaur	21701003
3.	Lavleen	21701004
4.	Deepika Arora	21701005
5.	Jashandeep Singh	21701006
6.	Subhashree Singh	21701010
7.	Nandini Vasal	21701016
8.	Navroop Kaur	21701020
9.	Meetika	21701025
10.	Sakshi Joshi	21701026
11.	Anjali	21701028
12.	Gurjoban Singh	21701037
13.	Jaspreet Kaur	21701038
14.	Deepika	21701040
15.	AdhyanshShivgotra	21701043
16.	Gurleen Kaur	21701049
17.	Aakanksha	21701050

COURSE CONTENTS:

P.G. Department of Biotechnology

SYLLABUS

Introduction to Plant Tissue Culture Techniques

Time: 1 Hour

Max. Marks: 50

Total Teaching Hours: 30

Theory: 25

Practical: 25

Instructions of Paper Setters:

The question paper will consist of 50 multiple choice questions of One mark each (theory and practical) are to be set from whole syllabus.

Course objective:

1. The aim of this course is to make students learn about the background of Tissue culture.
2. Students will learn about the sterilization techniques.
3. Students will be acquire skills about various techniques used in Plant tissue culture.
4. Students will learn about various stages of hardening performed in Tissue culture.

Course Content:

Section I	History, Types of tissue culture, sterilization techniques, function of media constituents and media preparation
Section II	Aseptic Inoculation of explant, handling and maintenance of in vitro cultures
Section III	Protoplast isolation, fusion and culture, Hybrid production.
Section IV	Study of hardening stages, Primary and secondary hardening of cultures and report writing

Course Outcomes:

CO-1The students will learn about nutrients requirements of plants and factors influencing the growth of explant in laboratory conditions.

CO-2The students will learn about sterilization techniques in plant tissue culture laboratory.

CO-3The students will learn about physiological functions and biosynthesis of major growth regulators in plants.

CO-4This course will enable the students to learn the procedure for preparation of plant tissue culture media.

STUDENTS' ATTENDANCE:

KHALSA COLLEGE AMRITSAR																		
Class B.Sc Sem II											2021-2022							
S. No.	Roll No.	Name	Attendance BF													Total	Remarks	
27	1001	Mehakpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
3		Rubpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
4		Laxleen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
5		Deepika Arora	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
6		Tarhandeep Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
10		Rubhashree Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
16		Nandini Vasal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
20		Nauroop Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
25		Meetika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
26		Sakshi Joshi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
28		Anjala	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
37		Gurjotam Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
38		Jaspreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
40		Deepika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
43		Adhyansh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
49		Gurleen Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	
50		Akanksha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	

STUDENTS' ATTENDANCE:

KHALSA COLLEGE AMRITSAR																		
Class B.Sc Sem II											2021-2022							
S. No.	Roll No.	Name	Attendance BF													Total	Remarks	
27	1001	Mehakpreet Kaur	22	33	34	35	36	37	38	39	40	41	42	43	44	45	40	
3		Rubpreet Kaur	32	33	34	35	36	37	38	39	40	41	42	43	44	45	40	
4		Laxleen	28	29	30	31	32	33	34	35	36	37	38	39	40	40		
5		Deepika Arora	29	30	31	32	33	34	35	36	37	38	39	40	41	40		
6		Tarhandeep Singh	32	33	34	35	36	37	38	39	40	41	42	43	44	40		
10		Rubhashree Singh	26	27	28	29	30	31	32	33	34	35	36	37	38	40		
16		Nandini Vasal	38	39	40	41	42	43	44	45	46	47	48	49	50	44		
20		Nauroop Kaur	32	33	34	35	36	37	38	39	40	41	42	43	44	40		
25		Meetika	32	33	34	35	36	37	38	39	40	41	42	43	44	44		
26		Sakshi Joshi	26	27	28	29	30	31	32	33	34	35	36	37	38	44		
28		Anjala	38	39	40	41	42	43	44	45	46	47	48	49	50	44		
37		Gurjotam Singh	38	39	40	41	42	43	44	45	46	47	48	49	50	44		
38		Jaspreet Kaur	36	37	38	39	40	41	42	43	44	45	46	47	48	44		
40		Deepika	32	33	34	35	36	37	38	39	40	41	42	43	44	44		
43		Adhyansh	32	33	34	35	36	37	38	39	40	41	42	43	44	44		
49		Gurleen Kaur	32	33	34	35	36	37	38	39	40	41	42	43	44	40		
50		Akanksha	32	33	34	35	36	37	38	39	40	41	42	43	44	43		

STUDENTS' CERTIFICATES:

S.No. _____ Reg. No. 202 /KCA/SDC/ _____

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)
KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./M^s. Larleen

S/d/of _____ and Mrs. _____

having pursued the prescribed course in Introduction to Plant Tissue Culture Techniques

in the Department of Biotechnology B.Sc. Sem II has been placed in A grade.


Registrar / Head, Department of
Amritsar.....202


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
APPLICATIONS OF COMPUTER
SOFTWARE IN CHEMISTRY



SESSION 2021-22
P.G. DEPARTMENT OF CHEMISTRY
KHALSA COLLEGE AMRITSAR
(An Autonomous College)
PUNJAB-143002

B.Sc (under Honors scheme) Chemistry III year

Course Title: Applications of Computer Software in Chemistry

CHEV-III

Course Duration: 30 hours

Course Objective:

To develop practical application for various software to tabulate the data ,draw graphs and are able to analyze and compare the values and are able to conclude

Course Content:

Theory:Introduction to various software and their applications

M.S. Excel

Origin61

Kaleidograph

Chemdraw 15

Sigmaplot 10

Gauss view

Maestro

Practical:

1. Plot graph of conductance VS molality using excel, origin and Kaliedagraph
2. Draw organic molecules and reactions using chem draw and gauss view
3. Draw 3-D plot for and 3 variable properties using sigma plot
4. Using Maestro, draw and insert protein structures or drug molecules

Course Outcomes:

By the end of the programme, students will be able to learn

Intellectual skills

Cognitive strategy

Motor skills

Notice



Ph.: 0183-5071707
POST GRADUATE
DEPARTMENT OF CHEMISTRY

ੴ ਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ ॥

Phone: 0183-2258097
KHALSA COLLEGE
AMRITSAR.

Ref. No. 408A

Dated 27/01/2022

NOTICE

P. G. Department of Chemistry is going to start Value Added Courses wef February 01, 2022. The following instructions are to be followed regarding the courses

1. Each value added course will be of 30-40 hours duration.
2. After the completion of the course an exam is to be conducted by the department.
3. The paper should be of One hour duration consisting of 50 marks.
4. For the courses comprising of theory classes only 25 multiple choices questions of 2 marks each are to be set from whole syllabus.
5. For courses with both theory and practical components, 25 questions of One mark each are to be set for theory paper. The practical paper will be of 25 marks.

The result alongwith attendance of the students must be submitted to Skill Development Centre.

List of Value Added Courses

S. No.	Name of Course	Teacher In-charge
1	Food Adulteration & Chemical Testing	Dr. Kirandeep Kaur
2	Application of Computer Softwares in Chemistry	Dr. Aabron Mahal
3	Basic Principles & Instrumentation of Commonly used Instruments	Dr. Sama Dr. Navdeep Kaur
4	Water Quality Analysis	Dr. Harpreet Kaur

Bhalla
(Head)
27/01/2022

LIST of STUDENTS for session 2021-22:

S.No	Course Name	Roll No.	Students Name
1	Application of computer software in chemistry	19704001	Komalpreet Kaur
2	Application of computer software in chemistry	19704003	Amandeep Kaur
3	Application of computer software in chemistry	19704005	Sehajpreet Kaur
4	Application of computer software in chemistry	19704008	Jashanpreet
5	Application of computer software in chemistry	19704009	Sawinder Kaur
6	Application of computer software in chemistry	19704011	SamhitiThind
7	Application of computer software in chemistry	19704013	Alka
8	Application of computer software in chemistry	19704015	Gurwinder
9	Application of computer software in chemistry	19704018	Vishalini
10	Application of computer software in chemistry	19704023	Raghav Mahajan
11	Application of computer software in chemistry	19704024	Ramandeep
12	Application of computer software in chemistry	19704025	Munisha
13	Application of computer software in chemistry	19704026	Raghav Mahajan
14	Application of computer software in chemistry	19704027	Gursharan
15	Application of computer software in chemistry	19704028	Riya
16	Application of computer software in chemistry	19704029	Jonathan William
17	Application of computer software in chemistry	19704031	Pallavi
18	Application of computer software in chemistry	19704033	Navjot
19	Application of computer software in chemistry	19704034	Isha
20	Application of computer software in chemistry	19704035	Maninder
21	Application of computer software in chemistry	19704036	Taranjeet
22	Application of computer software in chemistry	19704038	Gurjot
23	Application of computer software in chemistry	19704039	Neha
24	Application of computer software in chemistry	19704040	Jashandeep

KHALSA COLLEGE AMRITSAR

Class B.Sc. Sem VI (Hons.)

20

S. No.	S. No.	Roll No.	Name	Attendance	B.E.											Total		
					4	5	7	7	8	8	9	10	11					
1	19	2	1970401	Komalpreet Kaur	37	38	39	40	41	42	43	44	45	46	47	48	49	50
2	19	3	1970403	Amandeep Kaur	31	32	33	34	35	36	37	38	39	40	41	42	43	44
3	19	4	1970405	Sohajpreet K.	31	32	33	34	35	36	37	38	39	40	41	42	43	44
4	19	5	1970408	Jashandeep	22	23	24	25	26	27	28	29	30	31	32	33	34	35
5	19	6	1970409	Saurinder Kaur	32	33	34	35	36	37	38	39	40	41	42	43	44	45
6	19	7	1970411	Samhiti	24	25	26	27	28	29	30	31	32	33	34	35	36	37
7	19	8	1970413	Alka	29	30	31	32	33	34	35	36	37	38	39	40	41	42
8	19	9	1970415	Praveender	28	29	30	31	32	33	34	35	36	37	38	39	40	41
9	19	10	1970418	Vishalini	24	25	26	27	28	29	30	31	32	33	34	35	36	37
10	19	11	1970423	Raghav Mahajan	15	16	17	18	19	20	21	22	23	24	25	26	27	28
11	19	12	1970424	Ramandeep	27	28	29	30	31	32	33	34	35	36	37	38	39	40
12	19	13	1970425	Munisha	29	30	31	32	33	34	35	36	37	38	39	40	41	42
13	19	14	1970426	Raghav Mahajan	16	17	18	19	20	21	22	23	24	25	26	27	28	29
14	19	15	1970427	Prabhakaran	19	20	21	22	23	24	25	26	27	28	29	30	31	32
15	19	16	1970428	Riya	23	24	25	26	27	28	29	30	31	32	33	34	35	36
16	19	17	1970429	Jonathan William	5	6	7	8	9	10	11	12	13	14	15	16	17	18
17	19	18	1970431	Pallavi	10	11	12	13	14	15	16	17	18	19	20	21	22	23
18	19	19	1970433	Najati	31	32	33	34	35	36	37	38	39	40	41	42	43	44
19	19	20	1970434	Scha	25	26	27	28	29	30	31	32	33	34	35	36	37	38
20	19	21	1970435	Haninder	13	14	15	16	17	18	19	20	21	22	23	24	25	26
21	19	22	1970436	Taranjeet	15	16	17	18	19	20	21	22	23	24	25	26	27	28
22	19	23	1970438	Prerajit Singh	24	25	26	27	28	29	30	31	32	33	34	35	36	37
23	19	24	1970439	Neha	21	22	23	24	25	26	27	28	29	30	31	32	33	34
24	19	25	1970440	Jashandeep	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Certificates

S.No. _____ Reg. No. 202 /KCA/SDC/CHEU-III | 028



KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Komalpreet kaur
S/d/of Amarjit Singh and Mrs. Pranjit kaur
having pursued the prescribed course in Applications of Computer Software's in Chemistry
in the Department of Chemistry has been placed in A grade.


Registrar / Head, Department of
Amritsar.....2021-2022


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
BASIC PRINCIPLES AND INSTRUMENTATION OF
COMMONLY USED INSTRUMENTS



SESSION 2021-22

P.G. DEPARTMENT OF CHEMISTRY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

PG Department of Chemistry

Khalsa College Amritsar

Announcement Notice:



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POST GRADUATE
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Ref. No. 408A

Dated 27/01/2022

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2	Application of Computer Softwares in Chemistry	Dr. Abhro Mahal
3	Basic Principles & Instrumentation of Commonly used Instruments	Dr. Seema Dr. Navdeep Kaur
4	Water Quality Analysis	Dr. Harpreet Kaur

Bh...
(Head) 27/01/2022

LIST OF STUDENTS

S.No	Course Name	Roll No	Student Name
1	Basic Principles and instrumentation of commonly used instrument	21713002	Muskan sharma
2	Basic Principles and instrumentation of commonly used instrument	21713003	Gurdit Singh
3	Basic Principles and instrumentation of commonly used instrument	21713005	Rajni
4	Basic Principles and instrumentation of commonly used instrument	21713006	Sukriti Sharma
5	Basic Principles and instrumentation of commonly used instrument	21713007	Simranjit Kaur
6	Basic Principles and instrumentation of commonly used instrument	21713012	Arasdeep Kaur
7	Basic Principles and instrumentation of commonly used instrument	21713014	Pawandeep kaur
8	Basic Principles and instrumentation of commonly used instrument	21713015	Sonia Sharma
9	Basic Principles and instrumentation of commonly used instrument	21713016	Priyanka
10	Basic Principles and instrumentation of commonly used instrument	21713017	Anmoldeep Kaur
11	Basic Principles and instrumentation of commonly used instrument	21713018	Sunaina Sharma
12	Basic Principles and instrumentation of commonly used instrument	21713019	Komal
13	Basic Principles and instrumentation of commonly used instrument	21713021	Prabhjeet Kaur
14	Basic Principles and instrumentation of commonly used instrument	21713022	ZAHID AHMAD PARAY
15	Basic Principles and instrumentation of commonly used instrument	21713024	Diksha Sharma
S.No	Course Name	Roll No.	Students Name
1	Basic Principles and Instrumentation of commonly used Instruments	21719002	Muskan
2	Basic Principles and Instrumentation of commonly used Instruments	21719003	Mehak Sharma
3	Basic Principles and Instrumentation of commonly used Instruments	21719004	PrernaTangri
4	Basic Principles and Instrumentation of commonly used Instruments	21719005	Akshdeep Singh
5	Basic Principles and Instrumentation of commonly used Instruments	21719007	HarmanpreetKaur
6	Basic Principles and Instrumentation of commonly used Instruments	21719008	Natisha Thakur
7	Basic Principles and Instrumentation of commonly used Instruments	21719009	Simrandeep Singh
8	Basic Principles and Instrumentation of commonly used Instruments	21719011	Chahat Sharma
9	Basic Principles and Instrumentation of commonly used Instruments	21719012	Akshita

M.Sc Chemistry I year

COURSE TITLE: BASIC PRINCIPLES AND INSTRUMENTATION OF COMMONLY USED INSTRUMENTS

Course Duration: 30 hours

Course Objective:

To develop practical application of the analytical instruments for data measurement and analysis; setting and calibration of instruments; calculating accuracy and precision of plots; enabling students to handle and troubleshoot various sophisticated instruments.

Course Content:

Theory:

Theory and Principles of pH meter, conductometer, calorimeter, spectrophotometer, polarimeter, FTIR; calibration, operation procedures and its applications. Accuracy and precision, least count, measure of accuracy and precision.

Practical:

1. Setting and assembly of different apparatus (distillation apparatus)
2. Setting and calibration of instruments
3. Record UV-visible and FTIR data of samples

Course Outcome

By the end of the programme, students will be able to:

1.	Understand the concept of accuracy and precision.
2.	Troubleshoot various errors and issues related to working of instruments
3.	Measure data on sophisticated instruments and analysis of data

Course Incharge: Dr. Seema Rani

STUDENTS ATTENDANCE

KHALSA COLLEGE AMRITSAR															27						
Class M.Sc Chem Sem II Value added Course Feb 2022															20						
S. No.	Roll No.	Name	Attendance B.F.	Date											Total	Remarks	Lectures Attended	Lectures Brought Forward	Total	Remarks	
				1	2	3	4	5	6	7	8	9	10	11							12
01	2173002	Muskan Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
03		Qurdit Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
05		Rajni	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
06		Surbhiti Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
07		Simranjit Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
13		Aashdeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
14		Pawandeep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
15		Sonia Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
16		Priyanka	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
17		Anmoldeep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
18		Sundine Shari	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
19		Kamraj	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
21		Prabjeet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
22		Zaid Ahmed	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
24		Diksha Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				

KHALSA COLLEGE AMRITSAR															Class							
Class M.Sc Chem Sem II Value added Course Jan 2022															Roll No.							
S. No.	Roll No.	Name	Attendance B.F.	Date											Total	Remarks	Roll No.	Remarks				
				1	2	3	4	5	6	7	8	9	10	11					12			
01	2173002	Muskan	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51					
03		Qurdit	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
05		Rajni	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51				
06		Surbhiti Sharma	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
07		Simranjit Kaur	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
13		Aashdeep	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
14		Pawandeep Kaur	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
15		Sonia Sharma	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
16		Priyanka	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
17		Anmoldeep Kaur	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
18		Sundine Sharma	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
19		Kamraj	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
21		Prabjeet Kaur	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
22		Zaid Ahmed	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
24		Diksha Sharma	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

Value added course
KHALSA COLLEGE AMRITSAR
Class M.Sc. (Hons) Sem II Jan '22

S. No.	Roll No.	Name	Absence BF	1-2-22	2-2-22	3-2-22	4-2-22	5-2-22	6-2-22	7-2-22	8-2-22	9-2-22	10-2-22	11-2-22	12-2-22	13-2-22	14-2-22	15-2-22	16-2-22	17-2-22	18-2-22	19-2-22	20-2-22	Total	Remarks
2		Muskan		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
3		Mehak		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
4		Pooja		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
5		Akshdeep S.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
7		Harmanshu		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
8		Natisha		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
9		Simsandeept		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
11		Chanal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
12		Akshita		X	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				

KHALSA COLLEGE AMRITSAR 56
Class 20

Roll No.	0-2-22	1-2-22	2-2-22	3-2-22	4-2-22	5-2-22	6-2-22	7-2-22	8-2-22	9-2-22	10-2-22	11-2-22	12-2-22	13-2-22	14-2-22	15-2-22	16-2-22	17-2-22	18-2-22	19-2-22	20-2-22	Lectures Attended	Lectures Brought Forward	Total	Remarks
19																									
19																									
19																									
17																									
19																									
19																									
19																									
18																									
X																									

KHALSA COLLEGE AMRITSAR
Class M.Sc. (Hons) Sem II Jan 2022

S. No.	Roll No.	Name	Absence BF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Roll No.
2		Muskan		37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	2274001	
3		Mehak		36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	2	
4		Pooja		35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	3	
5		Akshdeep S.		34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	4	
7		Harmanshu		33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	5	
8		Natisha		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51		
9		Simsandeept		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
11		Chanal		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49		
12		Akshita		29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		

VALUE ADDED COURSE
IN
FOOD ADULTERATION &
CHEMICAL TESTING



SESSION 2021-22

P.G. DEPARTMENT OF CHEMISTRY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002



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4	Water Quality Analysis	Dr. Harpreet Kaur

Bhram
(Head) 27/01/2022

M.Sc. (Chemistry) II year
Value Added Course
Course Title: Food Adulteration & Chemical Testing
Course duration: 30 hours

Course objectives:

- To educate students about common food adulterants and their detection.
- To introduce students to food safety and standardization acts.
- To make students skilled in food adulteration testing and analytical instrumentation.

Course Content:

Theory:

Introduction to food adulteration, types of food adulteration, Various Food Adulterants in dairy products, cereal products, meat & eggs, canned & bottled vegetables, fruits & fruit products, fats & oils, beverages etc. Usage of high doses of preservatives like formalin. Risks of Food Adulteration, Prevention of Food adulteration, Detection of Adulteration.

Practical:

1. To detect the adulterants like paraffin wax/hydrocarbons, dyes and argemone in the fats, oils and ghee.
2. To detect the presence of adulterants like water, proteins, urea, formalin, detergent, sugar and starch in the milk.
3. To detect the adulteration of insoluble substance, chalk powder and washing soda in sugar and jaggery
4. To detect the adulteration of Red lead salts/brick powder in chilli powder, yellow lead salts/ colored saw dust in turmeric and dried papaya seeds in pepper
5. To detect sugar as an adulterant in honey.

Course Outcomes

After successful completion of the course, students will be able to:

- the adulteration of common foods and their adverse impact on health
- Comprehend certain basic skills of detecting adulteration in common foods.
- extend their knowledge of detecting other kinds of adulteration.

Course Incharge: Dr. Kirandeep Kaur

List of Students for session 2021-22:

S.No.	Couse Name	Roll No.	Name
1	Food Adulteration & Chemical Testing	20713006	Sanupreet Kaur
2	Food Adulteration & Chemical Testing	20713012	Mehak Bhatia
3	Food Adulteration & Chemical Testing	20713020	Kirandeep Kaur
4	Food Adulteration & Chemical Testing	20713021	Prerna Kaushal
5	Food Adulteration & Chemical Testing	20713027	Harmanjeet Kaur
6	Food Adulteration & Chemical Testing	20713030	Chahat
7	Food Adulteration & Chemical Testing	20713033	Prabhleen Singh

Value added Course

KHALSA COLLEGE AMRITSAR

Class MSc(Chem) Sem IV

Food Adulteration

Feb 2021 20 22

S. No.	Roll No.	Name	Attendance B.I.											Total	Remarks
				25/02	26/02	26/02	26/02	28/02	01/03	01/03	01/03	02/03	03/03		
	20113006	Sanjiv Kaur		P	P	P	P	P	A	A	A	P			
	17	Mehak Bhatia		A	P	P	P	P	P	P	P	P			
	20	Kirandip Kaur		P	P	P	P	P	A	A	A	P			
	21	Priya Kaushal		A	P	P	P	P	P	P	P	A			
	27	Harmanyet Kaur		P	A	A	A	P	P	P	P	P			
	30	Chahat		P	P	P	P	P	P	P	P	P			
	33	Prabhleen Singh		P	P	P	P	P	A	A	A	P			

Certificates

S.No. 20713006 Reg. No. 202 /KCA/SDC/CHEV-4/077



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. SANVPREET KAUR

S/d/of SAVINDER SINGH and Mrs. MANJIT KAUR

having pursued the prescribed course in FOOD ADULTERATION

in the Department of CHEMISTRY has been placed in A grade.



Registrar / Head, Department of
Amritsar.....202



Director
Skill Development Centre



Principal

VALUE ADDED COURSE
IN
WATER QUALITY ANALYSIS



SESSION 2021-22

P.G. DEPARTMENT OF CHEMISTRY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

B.Sc Medical Semester-IVth

Course Title: Water Quality Analysis

Course Duration: 30 hours

Course Objective:

To develop practical knowledge about analysis of water sample and interpretation of various additives using instrumentation techniques, enabling students to check and analyze various water samples.

Course Content:

Theory:

Theoretical principle of determining the total alkalinity of water, total hardness of the water sample, pH of the ground and waste water. Dissolved oxygen of the waste water, chemical oxygen demand of waste water, salinity of the given water sample, turbidity of the various water samples, detection and measurement of various contaminants using various spectrophotometric methods such as nitrate, chloride, fluoride, micro pollutants.

Practical:

4. To determine the pH of the ground water.
5. To determine the total suspended solid, dissolved solid and volatile solid in waste water.
6. To determine the turbidity and specific conductivity of the given water samples.
7. To determine the alkalinity of the given water sample.
8. To determine the total hardness, permanent hardness and temporary hardness of the given water sample.

Course Outcomes:

By the end of the programme, students will be able to:

4. Determine the pH and alkalinity of the water sample.
5. Analyse additives in ground water
6. Check and record water hardness

Course Incharge: Dr. Harpreet Kaur

LIST of STUDENTS for session 2021-22:

Sr. No.	Course Name	Roll no.	Student Name
1	Water Quality Analysis	20702001	Komalpreet Kaur
2	Water Quality Analysis	20702002	Ramneek Kaur
3	Water Quality Analysis	20702003	Supreet Kaur
4	Water Quality Analysis	20702004	Simranpreet Kaur
5	Water Quality Analysis	20702005	LavikaBhardhwaj
6	Water Quality Analysis	20702010	Chandpreet Kaur
7	Water Quality Analysis	20702012	Amandeep Kaur
8	Water Quality Analysis	20702014	Simarjot Kaur
9	Water Quality Analysis	20702016	Sharon
10	Water Quality Analysis	20702018	Manpreet Kaur
11	Water Quality Analysis	20702020	Navneet Kaur
12	Water Quality Analysis	20702021	Amritpal Singh
13	Water Quality Analysis	20702023	Pooja Chohan
14	Water Quality Analysis	20702024	Lovejot
15	Water Quality Analysis	20702031	Roshandeep Kaur
16	Water Quality Analysis	20702034	Sumandeep Kaur
17	Water Quality Analysis	20702038	Drpanpreet Kaur
18	Water Quality Analysis	20702040	Kiranjeet Kaur
19	Water Quality Analysis	20702042	Palak Mahajan
20	Water Quality Analysis	20702051	Saavi
21	Water Quality Analysis	20702053	Muskan Sharma
22	Water Quality Analysis	20702056	Karanbir Singh
23	Water Quality Analysis	20702058	Aman
24	Water Quality Analysis	20702059	Kirandeep Kaur
25	Water Quality Analysis	20702063	Sandeep Singh
26	Water Quality Analysis	20702064	Ninderpal Kaur
27	Water Quality Analysis	20702065	Aashima
28	Water Quality Analysis	20702068	Joban Singh
29	Water Quality Analysis	20702069	RishamHasset
30	Water Quality Analysis	20702071	Bhavya
31	Water Quality Analysis	20702072	Mankirat Kaur
32	Water Quality Analysis	20702074	Sukhdeep Kaur
33	Water Quality Analysis	20702077	Sumanpreet Kaur
34	Water Quality Analysis	20702079	Jaspreet Singh
35	Water Quality Analysis	20702080	Jobanpreet Singh
36	Water Quality Analysis	20702081	Mehakdeep Kaur
37	Water Quality Analysis	20702082	Varnika Choudhary

STUDENT ATTENDANCE:

2021-2022										2022																																										
Value added course (water Quality Analysis)										20																																										
KHALSA COLLEGE AMRITSAR										KHALSA COLLEGE AMRITSAR																																										
Class B.Sc Medical (Sem-1 st)										Class																																										
S.No.	Roll No.	Name	Attendance B.F.	1/2/22	2/2/22	3/2/22	4/2/22	5/2/22	6/2/22	Total	Remarks	Roll No.	1/2/22	2/2/22	3/2/22	4/2/22	5/2/22	6/2/22	Total	Remarks																																
01	2020201	Komalpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
02		Bamneek Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
03		Sujeet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
04		Sansarpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
05		Lanka Bhadravaj	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
06		Chandpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
07		Amandeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
08		Sansarpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
09		Sharan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
10		Manpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
11		Navreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
12		Amritpal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
13		Pooja Chahal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
14		Lokajit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
15		Rishpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
16		Sumanpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
17		Arpanpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
18		Khushi Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
19		Rishi Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
20		Rishi Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
21		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
22		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
23		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
24		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
25		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
26		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
27		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
28		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
29		Harpreet Kaur	1	2	3	4	5	6	7	8	9	10																																								



Ph.: 0183-5071707
POST GRADUATE
DEPARTMENT OF CHEMISTRY

Phone: 0183-2258097
KHALSA COLLEGE
AMRITSAR.

Ref. No. 408A

Dated 27/01/2022

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NOTICE


P. G. Department of Chemistry is going to start Value Added Courses wef February 01, 2022. The following instructions are to be followed regarding the courses

1. Each value added course will be of 30-40 hours duration.
2. After the completion of the course an exam is to be conducted by the department.
3. The paper should be of One hour duration consisting of 50 marks.
4. For the courses comprising of theory classes only 25 multiple choices questions of 2 marks each are to be set from whole syllabus.
5. For courses with both theory and practical components, 25 questions of One mark each are to be set for theory paper. The practical paper will be of 25 marks.

The result alongwith attendance of the students must be submitted to Skill Development Centre.

List of Value Added Courses

S. No.	Name of Course	Teacher In-charge
1	Food Adulteration & Chemical Testing	Dr. Kirandeep Kaur
2	Application of Computer Softwares in Chemistry	Dr. Dalbro Mahal
3	Basic Principles & Instrumentation of Commonly used Instruments	Dr. Seema Dr. Navalpreet Kaur
4	Water Quality Analysis	Dr. Harpreet Kaur


(Head) 27/01/2022

VALUE ADDED COURSE
IN
ACCOUNTING SOFTWARE-TALLY



SESSION 2021-22

P.G. DEPARTMENT OF COMMERCE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The commerce department of the college started in year 1968. The department has produced personalities of National and International repute in the field of Education, Accountancy, Law and Commerce. The department offers various courses such as M. Phil (Commerce), M. Com., B.Com (Regular), B.Com. (Hons.), BBA, Post Graduate Diploma in Financial Services, Diploma in Retail Management and Diploma in Computerised Accounting.

COURSE OBJECTIVE:

To enable the students to work with well-known accounting software Tally Prime by preparing accounting theory, reports and records. Through this course students can develop the skill to perform office work in a computerized environment and can also transform paper offices to paperless offices.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669) Dr. Arvinder Kaur Kahlon, (Mob: 98724 56833)
Director Skill Development Centre Head, Commerce & Business Administration

NOTICE

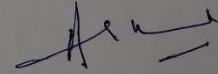
PG Department of Commerce & Business Administration
Khalsa College Amritsar
(AN AUTONOMOUS COLLEGE)

Diary No. DOC 1020/2021-22

Date: 03.12.2021

The PG Department of Commerce & Business Administration is going to start the following Value Added courses in the department from the month of January 2022.

1. Data Analysis & Interpretation: Open for all
2. Accounting Software- Busy : Open for all
3. Accounting Software- Tally : Open for all
4. Entrepreneurship Skill enhancement and employability: Open for all



(Dr. A.K. Kahlon)
Dean & Head

LIST OF STUDENTS

S. No.	Course Name	Roll Numbers	Names
1	Computerized Accounting Software: Tally	19302001	Noordeep
2	Computerized Accounting Software: Tally	19302002	Karanpreet kaur
3	Computerized Accounting Software: Tally	19302009	Navjot
4	Computerized Accounting Software: Tally	19302010	Kashav
5	Computerized Accounting Software: Tally	19302011	Ritika
6	Computerized Accounting Software: Tally	19302014	Akashdeep
7	Computerized Accounting Software: Tally	19302018	Deepak
8	Computerized Accounting Software: Tally	19302019	Mehnajdeep
10	Computerized Accounting Software: Tally	19302021	Ashish
11	Computerized Accounting Software: Tally	19302024	Muskanpreet
12	Computerized Accounting Software: Tally	19302025	Narayan
13	Computerized Accounting Software: Tally	19302035	Sandeep Kaur
14	Computerized Accounting Software: Tally	19302036	Mandeep Kaur
15	Computerized Accounting Software: Tally	19302037	Ranjot
16	Computerized Accounting Software: Tally	19302038	Khushwinder Kaur
17	Computerized Accounting Software: Tally	19302039	Tania
18	Computerized Accounting Software: Tally	19302047	Pawandeep
19	Computerized Accounting Software: Tally	19302048	Sakshi
20	Computerized Accounting Software: Tally	19302050	Komal
21	Computerized Accounting Software: Tally	19302051	Gurpreet
22	Computerized Accounting Software: Tally	19302058	Pawandeep Singh
23	Computerized Accounting Software: Tally	19303006	Harpreet Kaur
24	Computerized Accounting Software: Tally	19303009	Rupinder Kaur
25	Computerized Accounting Software: Tally	19303010	Vipan Kumar
26	Computerized Accounting Software: Tally	19303012	Vimaljeet Kaur
27	Computerized Accounting Software: Tally	19303017	Harmandeep Kaur
28	Computerized Accounting Software: Tally	19303019	Nitin
29	Computerized Accounting Software: Tally	19303026	Nishta
30	Computerized Accounting Software: Tally	19303031	Simranpreet Kaur

COURSE CONTENTS

P.G. Department of Commerce and Business Administration

SYLLABUS

Accounting Software-Tally

Paper: VACC-103

Time: 1 Hours

Total teaching Hours: 30

Credit hours per week: 4

Max. Marks: 50

Theory: 25

Practical: 25

Instructions for Paper Setters:

The Question Paper will consist of 25 Multiple Choice Questions of 1Mark each from the whole syllabus. The practical paper will be of 25 marks

Course Objective: To enable the students to work with well-known accounting software Tally Prime by preparing accounting theory, reports and records. Through this course students can develop the skill to perform office work in a computerized environment and can also transform paper offices to paperless offices.

Course Objective:

Accounting Fundamentals: Financial Accounting- Definition and Scope, Purpose, Types of Accounts, Terms used in Accounting,

E-Accounting: Meaning, Features, Role of Computer in Accounting, Advantages & Disadvantages of Computerized & Manual Accounting

Tally Prime: Introduction Tally Prime, various facilities available in Tally Installation of Tally Prime - Licensing configurations - Tally Vault Password - Using Tally Prime Help facility, Creating Account Masters, Creating Inventory Masters, Creating a Company, Ledgers, Registers, Petty Books.

Practical: Based on above said practical topics.

Suggested Readings:

1. Arora J.S. (2016), "Tally – ERP- 9, Financial Accounting", Kalyani Publishers, New Delhi.
2. S.S. Bhatia, Vikram Gupta (2015), " E-Accounting using Tally ERP 9 ", Kalyani Publishers, New Delhi.
3. S.S. Bhatia, Vikram Gupta (2015), "Computer Based Accounting System ", Kalyani Publishers, New Delhi.

COURSE OUTCOMES MAPPING WITH PSO'S (Programme Specific Outcomes) (Attainment of Course Outcomes)			
Sr. No.	On the completion of the course Students will be able to:	PSOs Addressed	Cognitive Levels
CO1	The objective of the course is to train students in the theoretical and practice skills of using Computerized Accounting Software	1,2	R,U
CO2	The student will learn application software to perform accounting tasks; maintain records and prepare and analyze reports for a business entity.	2,3	R,U,Ap
CO3	Helps the students to work with well-known accounting software i.e. Tally Prime	1,2	U,Ap,An,E,

STUDENTS' CERTIFICATES:

S.No. _____ Reg. No. 202 /KCA/SDC/19302018

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Deepak

S/d/of Shridhar Kumar and Mrs. Deveswari Devi

having pursued the prescribed course in Computerized Accounting Software : Tally

in the Department of Commerce has been placed in A grade.


Registrar / Head, Department of
Amritsar.....2021-2022


Director
Skill Development Centre


Principal

S.No.

Reg. No. 202 /KCA/SDC/19302019



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

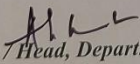
Certificate

This is to certify that Mr./Ms. Mehrajdeep

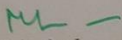
S/d/of Bikramjit Singh and Mrs. Paramjit Kaur

having pursued the prescribed course in Computerized Accounting Software: Tally

in the Department of Commerce has been placed in A⁺ grade.


Registrar / Head, Department of
Amritsar.....2021-2022


Director
Skill Development Centre


Principal

Short Term Skill Development Certificate Course

CERTIFICATE COURSE

IN

COMPUTERIZED ACCOUNTING SOFTWARE



SESSION 2021-22

SKILL DEVELOPMENT CENTRE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The training in professional Short Term Courses regarding Bakery, Food and Vegetable Processing, Cutting, Stitching & Tailoring, Web Designing, Acting and Theatrical Arts, Communication Skills and Personality Development and Computer Training etc. is to be given in Skilled Development Centre of Khalsa College Amritsar. This building of Khalsa Global Reach Skill Development Centre is constructed with financial help provided by Khalsa Global Reach Foundation, USA under the presidentship of Dr. Gurvarinder Kaur and S. Bakhshish Singh Sandhu ji. Coaching for competitive examinations like IAS, PCS, Bank P.O., NDA, CDSE etc. is also conducted by Centre for Competitive Exams housed in this building.

Working on the lines of “Skill India Mission”, Khalsa College Amritsar has established a Skill development Centre in the campus. This centre provides skill development training to students. Students of any stream with minimum qualification 10th are eligible to apply for these courses. Each student who is enrolled under any course will be given both theory and practical training necessary for the course. After completion of the course, the College provides a certificate of completion. These courses are being taught by well trained and experienced faculty members. These courses help the students, to learn new skills along with their work/courses, to explore their talents and get expertise in various skills and to enhance their communication and presentation skills.

COURSE OBJECTIVE:

To enable the students to work with well-known accounting software Tally Prime by preparing accounting theory, reports and records. Through this course students can develop the skill to perform office work in a computerized environment and can also transform paper offices to paperless offices.

To enable the students to work with well-known accounting software BUSY by preparing accounting theory, reports and records. It gives an in-depth knowledge of financial accounting and business accounting on which BUSY Software is based.

SCOPE:

The Certificate in Computerized Accounting course extends a lot of job opportunities in the companies, banks, and financial offices. Private jobs are available in private banks, companies, business firms, and other related sectors where accounting skills and professionals are required.

ELIGIBILITY FOR ADMISSION:

10+2 (Any Stream), Regular college students can join.

DURATION:

3 Months

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669)
Director Skill Development Centre

Dr. Arvinder Kaur Kahlon, (Mob: 98724 56833)
Head, Commerce & Business Administration

COURSE CONTENTS:

Paper – I: Computerized Accounting Software -Tally Prime Paper: CCAS – 1001

Time: 3 Hours
Max. Marks: 100
Theory: 40
Practical: 35
Internal assessment: 25

Note: Attempt any five questions. Each will carry equal marks

Note: 1. The question paper covering the entire course shall be divided into three sections.
2. The candidates are allowed to use [Non-Scientific] Calculator.

Section A :

It will have question No.1 consisting of 10 very short answer questions from the entire syllabus with answer to each question up to five lines in length. Students will attempt 8 questions. Each question will carry one mark; the total weightage being 8 marks.

Section B :

It will consist of essay type/numerical questions up to five pages in length. Four questions will be set by the examiner from Part-I of the syllabus. The candidates will be required to attempt any two questions. Each question will carry 8 marks. The total weightage of this section shall be 16 marks.

Section C:

It will consist of essay type/numerical questions with answer to each question up to five pages in length. Four questions will be set by the examiner from Part-II of the syllabus. The candidates will be required to attempt any two questions. Each question will carry 8 marks. The total weightage of the section shall be 16 marks.

Unit – I

Accounting Fundamentals:

Financial Accounting- Definition and Scope, Purpose, Types of Accounts. Objectives of Financial Accounting, Various Branches of Accounting, Terms used in Accounting, Uses of Accounting information and limitations of Financial Accounting. **E-Accounting:** Meaning, Features, Role of Computer in Accounting, Advantages & Disadvantages of Computerized & Manual Accounting **Introductions to Subsidiary Books – Journal, Ledger, Trial Balance, Financial Statements.**

Unit – II

Tally Prime: Introduction Tally Prime, various facilities available in Tally Installation of Tally Prime - Licensing configurations - Tally Vault Password - Using Tally Prime Help facility

Creating Account Masters, Creating Inventory Masters, Creating a Company, Ledgers, Registers, Petty Books. Vouchers – the Main Inputs - I

Advance Tally Prime:

Vouchers – the Main Inputs - II

Inventory Control: Maintaining Inventory of some firm/organization, Trial Balance, Profit and Loss account, Balance Sheet, Bank Reconciliation Statement, Advance accounting in Tally, Security Control in Tally.ERP 9, Tally Audit Controls.

Practical: Based on above said practical topics.

Suggested Readings:

1. Arora J.S. (2016), "Tally – ERP- 9, Financial Accounting", Kalyani Publishers, New Delhi.
2. S.S. Bhatia, Vikram Gupta (2015), " E-Accounting using Tally ERP 9 ", Kalyani Publishers, New Delhi.
3. S.S. Bhatia, Vikram Gupta (2015), " Computer Based Accounting System ", Kalyani Publishers, New Delhi.


Sr. No.	On the completion of the course Students will be able to:
CO1	Learn theoretical and practice skills of using Computerized Accounting Software
CO2	Learn application software to perform accounting tasks; maintain records and prepare and analyze reports for a business entity.
CO3	Work with well-known accounting software i.e. Tally Prime

STUDENTS' CERTIFICATES:

S.No. 001

Regd. No. 20 /KCA/SDC/
Roll No. 21851019




KHALSA COLLEGE AMRITSAR
(An Autonomous College)


Estd. 1892

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. AJAY PAL SINGH GILL
S/d/o SATINDER PAL SINGH GILL and Mrs. RANJIT GILL
having pursued the prescribed course in COMPUTERIZED ACCOUNTING SOFTWARE
of duration 03 months has been placed in A grade.
APRIL 2022 to JUNE 2022

Registrar  Director, SDC  Principal 

Amritsar 13-08-2022

S.No. 002

Regd. No. 20 /KCA/SDC/
Roll No. 21851020

KHALSA COLLEGE AMRITSAR
(An Autonomous College)


Estd. 1892

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. SIMRAN KAUR
S/d/o PALWINDER SINGH and Mrs. HARWANT KAUR
having pursued the prescribed course in COMPUTERIZED ACCOUNTING SOFTWARE
of duration 03 months has been placed in B grade.
APRIL 2022 to JUNE 2022

Registrar  Director, SDC  Principal 

Amritsar 13-08-2022

VALUE ADDED COURSE
IN
COMPUTERIZED ACCOUNTING
SOFTWARE - BUSY



SESSION 2021-22

P.G. DEPARTMENT OF COMMERCE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The commerce department of the college started in year 1968. The department has produced personalities of National and International repute in the field of Education, Accountancy, Law and Commerce. The department offers various courses such as M. Phil (Commerce), M. Com., B.Com (Regular), B.Com. (Hons.), BBA, Post Graduate Diploma in Financial Services, Diploma in Retail Management and Diploma in Computerised Accounting.

COURSE OBJECTIVE:

To enable the students to work with well-known accounting software BUSY by preparing accounting theory, reports and records. It gives an in-depth knowledge of financial accounting and business accounting on which BUSY Software is based.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669) Dr. Arvinder Kaur Kahlon, (Mob: 98724 56833)
Director Skill Development Centre Head, Commerce & Business Administration

NOTICE

PG Department of Commerce & Business Administration
Khalsa College Amritsar
(AN AUTONOMOUS COLLEGE)

Diary No. DOC 1020/2021-22

Date: 03.12.2021

The PG Department of Commerce & Business Administration is going to start the following Value Added courses in the department from the month of January 2022.

1. Data Analysis & Interpretation: Open for all
2. Accounting Software- Busy : Open for all
3. Accounting Software- Tally : Open for all
4. Entrepreneurship Skill enhancement and employability: Open for all



(Dr. A.K. Kahlon)
Dean & Head

LIST OF STUDENTS:

S No.	Course Name	Roll No.	Students Name
1	Computerised Accounting Software-Busy	19301001	Manvir kaur
2	Computerised Accounting Software-Busy	19301002	Harlybir Singh
3	Computerised Accounting Software-Busy	19301008	Gurleen kaur
4	Computerised Accounting Software-Busy	19301010	Rajbir Singh
5	Computerised Accounting Software-Busy	19301011	Harpreet Singh
6	Computerised Accounting Software-Busy	19301018	Raspinder Singh
7	Computerised Accounting Software-Busy	19301027	Kashish Sharma
8	Computerised Accounting Software-Busy	19301035	Jashanpreet Kaur
9	Computerised Accounting Software-Busy	19301037	Daman Sharma
10	Computerised Accounting Software-Busy	19301047	Rajbir Kaur
11	Computerised Accounting Software-Busy	19301051	Rohan Singh
12	Computerised Accounting Software-Busy	19301060	Harpreet Singh
13	Computerised Accounting Software-Busy	19301135	Armandeep Singh
14	Computerised Accounting Software-Busy	19301137	Gurpreet Singh
15	Computerised Accounting Software-Busy	19301142	Nitish
16	Computerised Accounting Software-Busy	19301145	Pomilpreet Kaur
17	Computerised Accounting Software-Busy	19302073	Kanwarabhay Singh
18	Computerised Accounting Software-Busy	19302082	Sukhmandeep kaur
19	Computerised Accounting Software-Busy	19302099	Arshvir Singh
20	Computerised Accounting Software-Busy	19302102	Anmoldeep Singh
21	Computerised Accounting Software-Busy	19302103	Neerat Kaur
22	Computerised Accounting Software-Busy	10930104	Harmanpreet kaur
23	Computerised Accounting Software-Busy	19302122	Diltaj
24	Computerised Accounting Software-Busy	19302133	Harkirat Singh
25	Computerised Accounting Software-Busy	19302144	Rakhjeet kaur
26	Computerised Accounting Software-Busy	19303021	Navneet kaur
27	Computerised Accounting Software-Busy	19303022	Chasveen kaur
28	Computerised Accounting Software-Busy	19303027	Baldeep kaur
29	Computerised Accounting Software-Busy	19303031	Simranpreet kaur

COURSE CONTENTS:

P.G. Department of Commerce and Business Administration

SYLLABUS

Computerized Accounting Software - Busy

VACC-102

Time- 1 Hour

Max.Marks-50

Total Teaching Hours 30

Credit Hours 4

Theory: 25

Practical: 25

Instructions for Paper Setters:

The Question Paper will consist of 25 Multiple Choice Questions of 1Mark each from the whole syllabus. The practical paper will be of 25 marks

Course Objective

To enable the students to work with well-known accounting software BUSY by preparing accounting theory, reports and records. It gives an in-depth knowledge of financial accounting and business accounting on which BUSY Software is based.

Course Content

Basic Accounting Concepts-Business Transactions, Meaning and Purpose of Accounting, of Financial Accounting, Types of Accounts, Basic Rules of Accounts, Terms used in Accounting Objectives and Limitations of Financial Accounting.

Computerised Accounting- Meaning, Features, Advantages and Disadvantages, Manual Accounting Meaning, Purpose, Advantages and Disadvantages, Difference between Manual and Computerised Accounting, Types of Accounting Softwares.

Busy Software – Meaning, Features of Busy Software, How to Install Busy Software, Types of Accounting Vouchers, Creation of Company, Designing and Creating Vouchers, Entering Account Masters, Preparing Display Reports, Preparation and Compilation of Balance Sheet.

Practical: Based on above said practical topics.

Course Outcomes:

By the end of the programme, students will able to	
CO-1	Work with well-known accounting software i.e. Busy
CO-2	Understand basic skills in entering accounting information into a computerized accounting system.
CO-3	Learn accounting software to perform accounting tasks, maintain records and analyse reports for various business entity.

STUDENTS' ATTENDANCE

KHALSA COLLEGE AMRITSAR																									
VACC 102 BUSY SOFTWARE																									
Value Added Course																									
Feb-Mar 2022																									
Class BBA VI & BCom VI (Hons)																									
S.No.	Roll No.	Name	Attendance B%	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Remarks
1	120101	Manvika Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
2	120102	Harjinder Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
3	120103	Gurleen Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
4	120104	Rajbir Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
5	120105	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
6	120106	Rajinder Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
7	120107	Kanishk Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
8	120108	Jaspreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
9	120109	Daman Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
10	120110	Rajbir Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
11	120111	Rohan Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
12	120112	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
13	120113	Amrinder Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
14	120114	Amrinder Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
15	120115	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
16	120116	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
17	120117	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
18	120118	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
19	120119	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
20	120120	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
21	120121	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
22	120122	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
23	120123	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
24	120124	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
25	120125	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
26	120126	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
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37	120137	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
38	120138	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
39	120139	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
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41	120141	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
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43	120143	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
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57	120157	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
58	120158	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		
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67	120167	Harpreet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	19		

STUDENTS' CERTIFICATES:



S.No.

Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

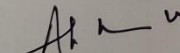
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
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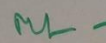
S/d/of Balvart Kumar and Mrs. Preeti Sharma

having pursued the prescribed course in Computerized Accounting Software: Busy

in the Department of Commerce has been placed in A+ grade.


Registrar / Head, Department of
Amritsar.....20.2.1.....2022


Director
Skill Development Centre


Principal

S.No.

Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

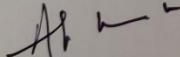
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
This is to certify that Mr./Ms. Neerat Kaur


S/d/of Dharminder Singh and Mrs. Jasmeet Kaur

having pursued the prescribed course in Computerized Accounting Software: Busy

in the Department of Commexce has been placed in A+ grade.


Registrar / Head, Department of
Amritsar.....2021-2022


Director
Skill Development Centre


Principal

S.No.

Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

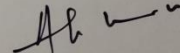
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
This is to certify that Mr./Ms. Anmoldeep Singh

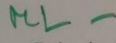
S/d/of Maninder Singh and Mrs. Gurjinder Kaur

having pursued the prescribed course in Computerized Accounting Software : Busy

in the Department of Commerce has been placed in A+ grade.


Registrar / Head, Department of
Amritsar.....2022


Director
Skill Development Centre


Principal

S.No.

Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

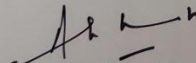
SKILL DEVELOPMENT CENTRE

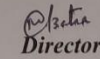
Certificate

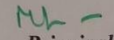
This is to certify that Mr./Ms. Dilraj Kaur

S/d/of Gursharan Singh and Mrs. Gurkiran Mehta

having pursued the prescribed course in Computerized Accounting Software : Busy
in the Department of Commerce has been placed in A+ grade.


Registrar / Head, Department of
Amritsar.....2022


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
DATA ANALYSIS AND
INTERPRETATION



SESSION 2021-22

P.G. DEPARTMENT OF COMMERCE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The commerce department of the college started in year 1968. The department has produced personalities of National and International repute in the field of Education, Accountancy, Law and Commerce. The department offers various courses such as M. Phil (Commerce), M. Com., B.Com (Regular), B.Com. (Hons.), BBA, Post Graduate Diploma in Financial Services, Diploma in Retail Management and Diploma in Computerised Accounting.

COURSE OBJECTIVE:

To develop an understanding among students regarding basic concepts of data as well as its analysis and interpretation with the help of statistical techniques to make them able to handle statistical analysis independently.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669) Dr. Arvinder Kaur Kahlon, (Mob: 98724 56833)
Director Skill Development Centre Head, Commerce & Business Administration

ANNOUNCEMENT NOTICE:

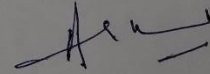
PG Department of Commerce & Business Administration
Khalsa College Amritsar
(AN AUTONOMOUS COLLEGE)

Diary No. DOC 1020/2021-22

Date: 03.12.2021

The PG Department of Commerce & Business Administration is going to start the following Value Added courses in the department from the month of January 2022.

1. Data Analysis & Interpretation: Open for all
2. Accounting Software- Busy : Open for all
3. Accounting Software- Tally : Open for all
4. Entrepreneurship Skill enhancement and employability: Open for all



(Dr. A.K. Kahlon)
Dean & Head

LIST OF STUDENTS:

S.No	Course Name	Roll No.	Student's Name
1	Data Analysis and Interpretation	21311002	Rishabh
2	Data Analysis and Interpretation	21311006	Sandeep Kaur
3	Data Analysis and Interpretation	21311008	Sakshi
4	Data Analysis and Interpretation	21311014	Gurleen Kaur
5	Data Analysis and Interpretation	21311003	Rekha
6	Data Analysis and Interpretation	21311023	Dapinder Kaur
7	Data Analysis and Interpretation	21311007	Mohamad Arshad
8	Data Analysis and Interpretation	21311001	Abhishek Kumar
9	Data Analysis and Interpretation	21311025	Navjot Kaur
10	Data Analysis and Interpretation	20311003	Priya Sharma
11	Data Analysis and Interpretation	20311004	Rajwinder Kaur
12	Data Analysis and Interpretation	20311030	Komalpreet Kaur
13	Data Analysis and Interpretation	20311031	Harmanpreet Kaur
14	Data Analysis and Interpretation	20311005	Manpreet Kaur
15	Data Analysis and Interpretation	20311006	Sheetal
16	Data Analysis and Interpretation	20311007	Harmandeep Singh
17	Data Analysis and Interpretation	20311021	Riya Sharma
18	Data Analysis and Interpretation	20311022	Pritpal Kaur
19	Data Analysis and Interpretation	20311032	Ramneet Kaur
20	Data Analysis and Interpretation	20311023	Monica
21	Data Analysis and Interpretation	20311025	Harmandeep Kaur

COURSE CONTENTS:

P.G. Department of Commerce and Business Administration

SYLLABUS

DATA ANALYSIS AND INTERPRETATION

Value Added Course (VACC-101)

Credit hours per week: 4
Total Teaching Hours: 30

Time: 1 Hour

Max. Marks: 50

Theory: 25
Practical: 25

Instructions of Paper Setters:

The question paper will consist of 50 multiple choice questions of One mark each (theory and practical) are to be set from whole syllabus.

Course objective:

To develop an understanding among students regarding basic concepts of data as well as its analysis and interpretation with the help of statistical techniques to make them able to handle statistical analysis independently.

Course Content:

Data- Meaning of data, its types- Nominal, Ordinal and Ratio.

Introduction to SPSS Software- Data entry, data editing, Data Preparation; Types of data preparation, data preparation process, Data Screening; Meaning, process of data screening, Types of data screening, Transforming Data; Meaning, benefits of transforming data, uses of transforming data.

Data Reliability; Meaning, process to check reliability.

Statistical Tests to be discussed with SPSS Software:

Descriptive Analysis; Mean, Standard deviation.

One sample T-test, Independent T-Test, Paired sample T-test

Chi-square test- Meaning and its process.

Factor Analysis- Meaning, purpose, steps and types.

Regression Analysis- Meaning, Types and Process.

Course Outcomes: By the end of the Programme, students will have knowledge and understanding of:

Sr. No.	On completing the course, the students will be able to:
CO-1	Understand the basic concepts in research in social sciences
CO-2	Develop the skills for scientific data collection and its preparation for business research
CO-3	Gain knowledge with regard to the various statistical tools applied in social and business research

STUDENTS' ATTENDANCE:

KHALSA COLLEGE AMRITSAR																				KHALSA COLLEGE AMRITSAR																				
Value Added Course Data Analysis																				2021-22																				
Class																				Class																				
S. No.	Roll No.	Name	Attendance B.F.	Attendance																Total	Remarks	Roll No.	Attendance																Lectures Attended	Lectures Brought Forward
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
1	21311002	Rishabh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
2	21311006	Sandeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
3	21311008	Sakshi Pathania	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
4	21311014	Gurleen Kaur Bhatia	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
5	21311003	Rekha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
6	21311023	Dapinder Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
7	21311007	Mohamad Arshad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
8	21311000	Abhishek Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
9	21311025	Nayot Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
10	20311005	Triya Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
11	20311004	Rajwinder Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
12	20311030	Komalpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
13	20311031	Harmanpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
14	20311032	Ramneet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
15	20311005	Manpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
16	20311005	Sheetal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
17	20311007	Harmandeep Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
18	20311021	Riya Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
19	20311022	Pritpal Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
20	20311023	Monica	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
21	20311025	Harmandeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38

STUDENTS' CERTIFICATES:

S.No. _____ Reg. No. 202 /KCA/SDC/20311030

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Komalpreet Kaur

S/d/of Tarsem Singh and Mrs. Harwant Kaur

having pursued the prescribed course in Data Analysis & Intrepretation (VACC-101)

in the Department of Commerce has been placed in A+ grade.


Registrar / Head, Department of
Amritsar.....2021.....2022


Director
Skill Development Centre


Principal

S.No.

Reg. No. 202 /KCA/SDC/20311004



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

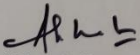
Certificate


This is to certify that Mr./Ms. Rajwinder Kaur

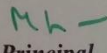
S/d/of Jagtar Singh and Mrs. Swarnjit Kaur

having pursued the prescribed course in Data Analysis & Interpretation (VACC-101)

in the Department of Commerce has been placed in B⁺ grade.


Registrar / Head, Department of
Amritsar.....2021.-2022


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
CYBER SECURITY



SESSION 2021-22

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND
APPLICATIONS**

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The commerce department of the college started in year 1968. The department has produced personalities of National and International repute in the field of Education, Accountancy, Law and Commerce. The department offers various courses such as M. Phil (Commerce), M. Com., B.Com (Regular), B.Com. (Hons.), BBA, Post Graduate Diploma in Financial Services, Diploma in Retail Management and Diploma in Computerised Accounting.

COURSE OBJECTIVE:

To develop an understanding among students regarding basic concepts of data as well as its analysis and interpretation with the help of statistical techniques to make them able to handle statistical analysis independently.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669) Dr. Arvinder Kaur Kahlon, (Mob: 98724 56833)
Director Skill Development Centre Head, Commerce & Business Administration

ANNOUNCEMENT NOTICE:



P.G. Department of Computer Science & Applications
KHALSA COLLEGE AMRITSAR
(An Autonomous College)

Website: khalcollege.edu.in

Email: computerscience@khalcollege.edu.in

Ref. No. CS-34/A

Date 10/2/22

NOTICE



P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-

S.No.	Value Added Course
1.	Cyber Security
2.	Basics of Computer Hardware
3.	Web Designing
4.	Cloud Computing

These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector. Interested students can contact Prof. Prabhjot Kaur of Computer Science department for any queries related to these courses.


Head

BROCHURE:

 **P.G. Department of Computer Science and Applications**
KHALSA COLLEGE AMRITSAR 

VALUE ADDED COURSES

Session: 2021-22

REGULAR STUDENTS CAN JOIN THESE COURSES.

- ❖ **CYBER SECURITY**
- ❖ **BASICS OF COMPUTER HARDWARE**
- ❖ **WEB DESIGNING**
- ❖ **CLOUD COMPUTING**

Course Objectives: These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector.

Contact :- Prof. Prabhjot Kaur (8283853366) for any queries.

Prof. Harbhajan Singh
Head

Dr. Mehal Singh
Principal

LIST OF STUDENTS:

S.No.	Course Name	Roll No.	Student's Name
1.	Cyber Security	20403019	GurleenKaur
2.	Cyber Security	20403017	Nirbhavdeep Singh
3.	Cyber Security	20403020	JasleenKaur
4.	Cyber Security	20403005	Harjit Singh
5.	Cyber Security	20403023	GaganpreetKaur
6.	Cyber Security	20403021	Nisha
7.	Cyber Security	20403016	Gagandeep Singh
8.	Cyber Security	21801044	Karanpreet Singh
9.	Cyber Security	21801047	Jashandeep Singh
10.	Cyber Security	21801063	AjantpreetKaur
11.	Cyber Security	21801030	BaljittKaur
12.	Cyber Security	21801053	KawaljitKaur
13.	Cyber Security	21801020	Taranpreet Singh
14.	Cyber Security	21801005	Harekampreet Singh Bhatia
15.	Cyber Security	21801007	PavneetKaur

COURSE CONTENTS:

P.G. Department of Computer Science and Applications

SYLLABUS

Cyber Security

Value Added Course (CSVA-101)

Time: 1 Hour

Total Teaching Hours: 30
Max. Marks: 50

Theory: 25
Practical: 25

Instructions of Paper Setters:

The question paper will consist of 25 multiple choice questions of one mark each are to be set from whole syllabus.

COURSE OBJECTIVES

- To exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an organization.
- To understand principles of web security and to guarantee a secure network by monitoring and analyzing the nature of attacks through cyber/computer forensics software/tools.
- To understand cybercrime management standards, guidelines and procedures as well as the implementation and governance of these activities.

Course Content

UNIT I:

Definition – Crime, Cyber Crime, Information Security, Digital Forensics – Conventional Crime Vs. Cyber Crime - Uniqueness of Cyber Crime – History of Cyber Crimes.

UNIT II:

Forms of Cyber Crimes – Hacking – Types of hacking, hackers, Cracking, Cyber Bullying, Cyber Stalking, Pornography, Phishing, Intellectual Property Theft, Data Theft, Malwares, Stenography, Salami attacks, ATM and Credit card frauds, Telecom Frauds

UNIT III

Social Media – Definition, Types, advantages and disadvantages – Crimes through social media, victimization through social media – Safe Surfing

UNIT IV

Understanding cyber criminal behavior – modus operandi - Criminological, Sociological and Psychological theories relating to cyber crime behavior.

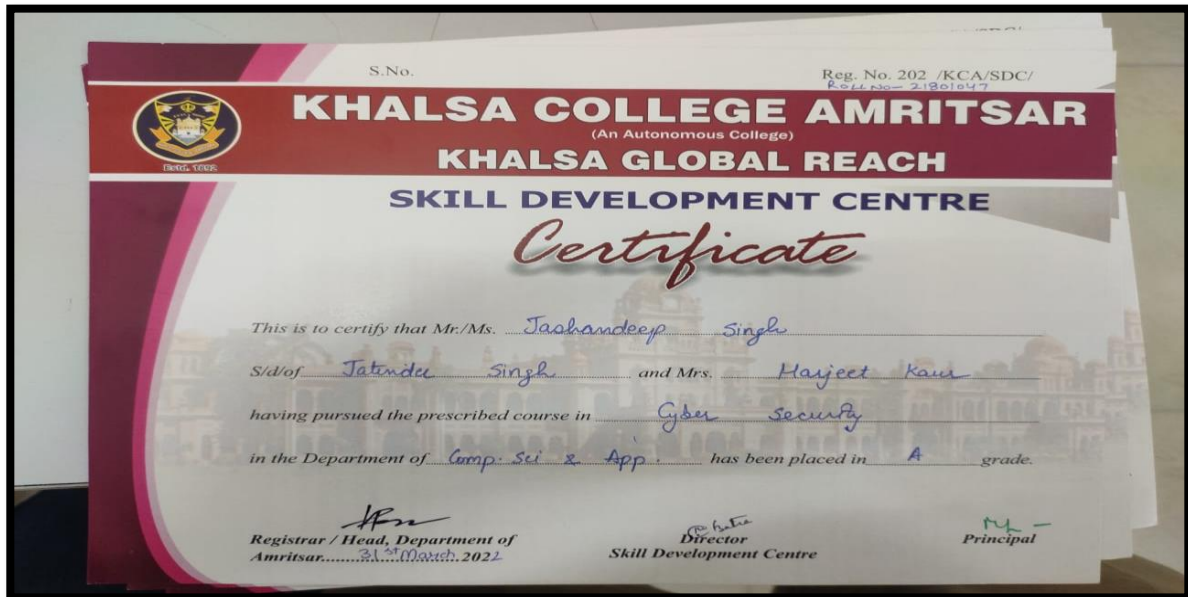
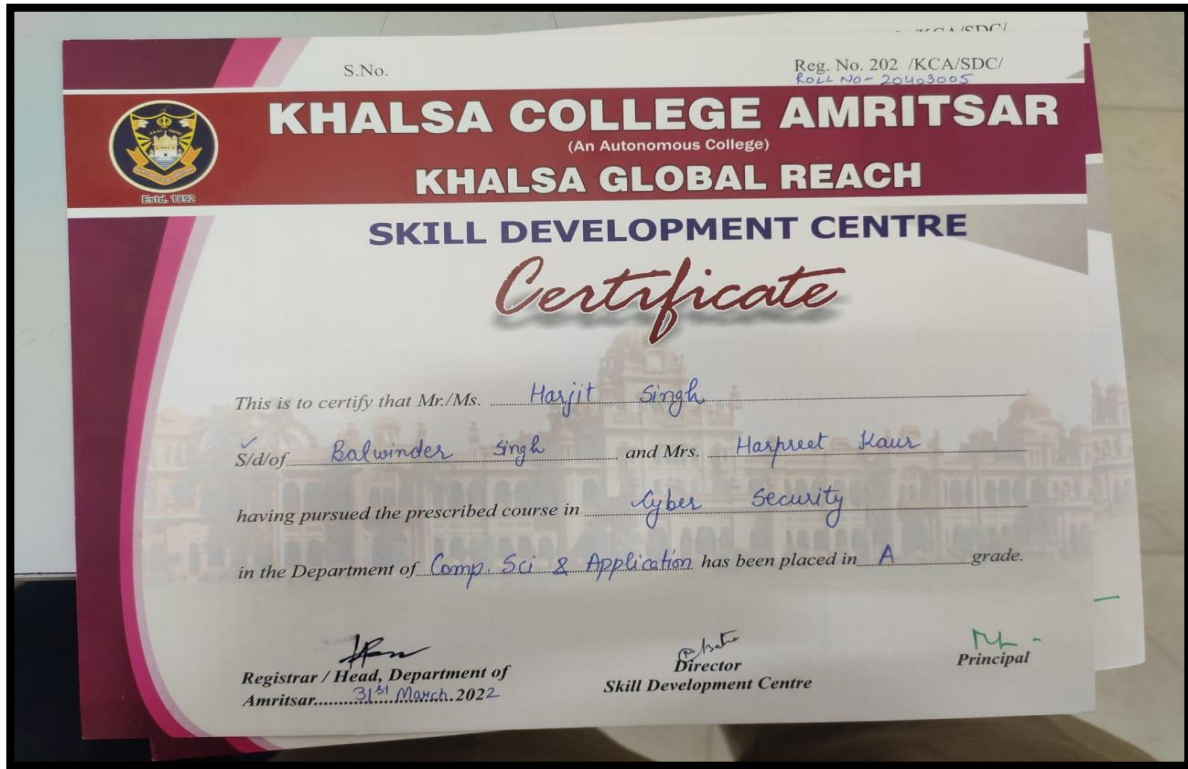
References:

1. Introduction to Cyber Security by Jatindra Pandey.
2. Fundamentals of Network Security 1st Edition by Eric Mai wald.
3. Cyber security by Amit Garg, Dr. Krishan Kumar Goyal.
4. Cyber Security – Understanding Cyber Crimes, Computer Forensics and Legal

Perspectives Author: Nina God bole, Sunit Belapure, Publisher: Wiley.

Sr. No.	On completing the course, the students will be able to:
CO-1	Understand the basic concepts in Cyber Security.
CO-2	Students are able to understand different thefts present on internet.

STUDENTS' CERTIFICATES:



VALUE ADDED COURSE

IN

CLOUD COMPUTING



SESSION 2021-22

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND
APPLICATIONS**

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

P.G. Department of Computer Science & Applications Estd. in 1989. It has set high academic standards and excelled in thought leadership by providing a pool of creative genius endowed with technical competence. It has promoted the evolving IT education field with professionally managed & well equipped labs and committed staff. The Department has a learning environment that encourages innovations, creativity and excellence. It provides a viable platform for education, research and training.

COURSE OBJECTIVE:

Private or public, the goal of cloud computing is to provide easy, scalable access to computing resources and IT services. Cloud infrastructure involves the hardware and software components required for proper implementation of a cloud computing model.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION: 30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669),

Director Skill Development Centre

Prof. Harbhajan Singh, (Mob: 9501024212)

Head, Computer Science & Applications



P.G. Department of Computer Science & Applications
KHALSA COLLEGE AMRITSAR

(An Autonomous College)

Website: khalcollege.edu.in

Email: computerscience@khalcollege.edu.in

Ref. No. CS-34/A

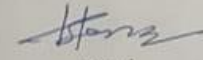
Date 10/2/22

NOTICE

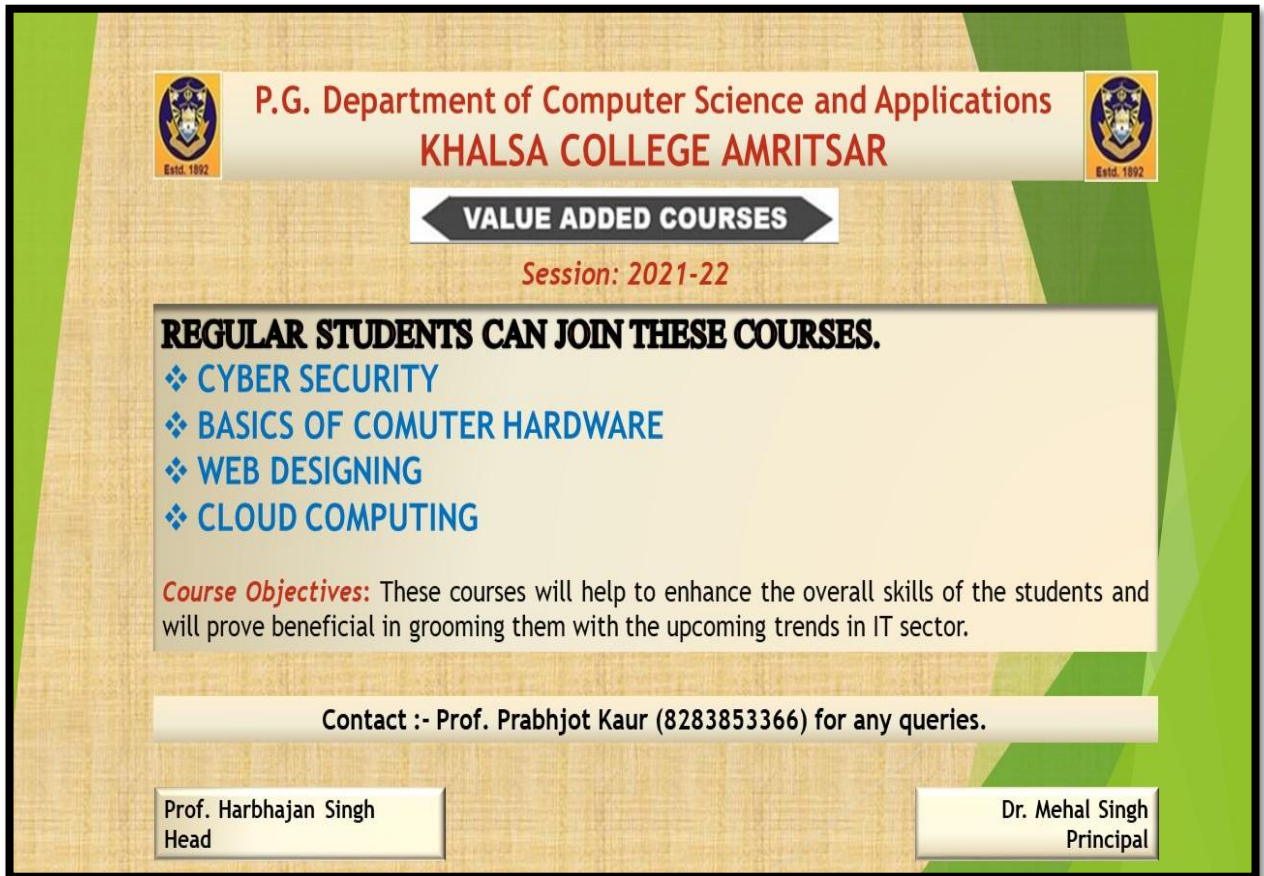
P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-



S.No.	Value Added Course
1.	Cyber Security
2.	Basics of Computer Hardware
3.	Web Designing
4.	Cloud Computing

These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector. Interested students can contact Prof. Prabhjot Kaur of Computer Science department for any queries related to these courses.


Head

BROCHURE:



 **P.G. Department of Computer Science and Applications**
KHALSA COLLEGE AMRITSAR 

VALUE ADDED COURSES

Session: 2021-22

REGULAR STUDENTS CAN JOIN THESE COURSES.

- ❖ CYBER SECURITY
- ❖ BASICS OF COMPUTER HARDWARE
- ❖ WEB DESIGNING
- ❖ CLOUD COMPUTING

Course Objectives: These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector.

Contact :- Prof. Prabhjot Kaur (8283853366) for any queries.

Prof. Harbhajan Singh
Head

Dr. Mehal Singh
Principal

LIST OF STUDENTS:

S.No.	Course Name	Roll No.	Student's Name
1	Cloud Computing	18403019	MANJINDER SINGH
2	Cloud Computing	19403002	SUNBIR SINGH
3	Cloud Computing	19403003	PRINCEDEEP SINGH
4	Cloud Computing	19403005	TARNBIR SINGH
5	Cloud Computing	19403007	SANJEEV KUMAR
6	Cloud Computing	19403008	KARANBIR SINGH
7	Cloud Computing	19403009	SUSHIL
8	Cloud Computing	19403010	MANDRA
9	Cloud Computing	19403011	RAJAT MANNAN
10	Cloud Computing	19403012	KAJAL
11	Cloud Computing	19403013	GURKIRAT KAUR
12	Cloud Computing	19403014	ISHA DEVI
13	Cloud Computing	19403015	KAJALPREET KAUR
14	Cloud Computing	19403016	KARVINDERPAL SINGH
15	Cloud Computing	19403017	ROHAN
16	Cloud Computing	19403018	INDERJEET SINGH

COURSE CONTENTS:

P.G. Department of Computer Science and Applications

SYLLABUS

Cloud Computing

Value Added Course (CSVA-104)

Time: 1 Hour

Max. Marks: 50

Total Teaching Hours: 30

Theory: 25

Practical: 25

Instructions of Paper Setters:

The question paper will consist of 25 multiple choice questions of one mark each are to be set from whole syllabus.

COURSE OBJECTIVES:

- To study concepts of cloud computing.
- To study services of cloud computing.
- Highlight the specific privacy and information security risks that can exist using cloud computing services.

Course content

UNIT 1:

Introduction to Cloud Computing:

Introduction, History of Cloud Computing, Features of cloud Computing, Types of Cloud Computing-Private, Public & Hybrid, Advantages and Disadvantages.

UNIT2:

Cloud Computing Services:

SaaS(SoftwareasaService),PaaS(PlatformasaService),IaaS(InfrastructureasaService),IDaaS (Identity as a Service) ,Comparison of various cloud computing providers

UNIT 3:

Cloud Security:

InfrastructureSecurity,DataSecurity,IdentityandAccessManagement,PrivacyManagement,Security as a Service on Cloud.

UNIT 4:

Programming Models in Cloud:

Thread Programming, Task Programming and Map-Reduce Programming.**References:**

1. Cloud Computing Concepts, Technology & Architecture by Zaigham Mahmood, Ricardo Puttini, Thomas Erl.
2. Cloud Computing from Beginning to End by Ray J Rafaeels.

Sr. No.	On completing the course, the students will be able to:
CO-1	Understand the basic concepts in cloud computing.
CO-2	Develop the abilities and skills to configure and use various cloud services online.
CO-3	Perform jobs based on cloud computing and utility computing for an organization.


STUDENTS' ATTENDANCE:

Time: 9 AM - 12:00 PM		(2021-2022)		Time: 2:00 PM - 3:00 PM																
		KHALSA COLLEGE AMRITSAR										54								
		Class: Cloud Computing (Value-Added Course) Feb-March 2022										Total Lectures = 30								
		March 2022										Marks 2022								
S. No.	Roll No.	Name	Attendance	BL	1	2	3	4	5	6	7	8	9	10	11	12	Total	Remarks		
1	14403002	Manjinder Singh	1	2	3	A	4	A	5	6	7	A	8	9	A	10	A	11	12	
2	14403003	Arshdeep Singh	1	2	3	4	5	6	7	A	8	9	A	10	11	A	12	A	A	B
3	14403005	Kaushal Singh	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	
4	14403007	Tarun Singh	1	2	3	4	5	6	7	8	9	A	10	11	A	12	13	14	15	A
5	14403008	Sanjay Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
6	14403009	Kaushal Singh	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17
7	14403010	Surbhi	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	A
8	14403011	Harleen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17
9	14403012	Rajdeep Maan	1	2	A	A	3	A	4	A	5	6	A	7	8	9	A	10	A	11
10	14403013	Rajdeep	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17
11	14403014	Chakraborty Kaur	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17
12	14403015	Tara Devi	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	16
13	14403016	Kaushal Kaur	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	A	16
14	14403017	Kaushal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
15	14403018	Rohit	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	16
16	14403020	Indujeet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Time: 2:00 PM - 3:00 PM		(2021-2022)		Time: 9 AM - 12:00 PM																
		KHALSA COLLEGE AMRITSAR										54								
		Class: Cloud Computing (Value-Added)										Total Lectures = 30								
		March 2022										Marks 2022								
S. No.	Roll No.	Name	Attendance	BL	1	2	3	4	5	6	7	8	9	10	11	12	Total	Remarks		
1	14403021	Manjinder Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2	14403022	Arshdeep Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3	14403023	Kaushal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
4	14403024	Tarun Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
5	14403025	Sanjay Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
6	14403026	Kaushal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
7	14403027	Surbhi	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	16
8	14403028	Harleen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17
9	14403029	Rajdeep Maan	1	2	A	A	3	A	4	A	5	6	A	7	8	9	A	10	A	11
10	14403030	Rajdeep	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17
11	14403031	Chakraborty Kaur	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17
12	14403032	Tara Devi	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	16
13	14403033	Kaushal Kaur	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	A	16
14	14403034	Kaushal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
15	14403035	Rohit	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	A	16
16	14403036	Indujeet Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

STUDENTS' CERTIFICATES:

Reg. No. 202 /KCA/SDC/19403009



KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE
Certificate


This is to certify that Mr./Ms. Sunbhor Singh
S/d/of Gurjinder Singh and Mrs. Satinder Kaur
having pursued the prescribed course in Cloud Computing
in the Department of Computer Science has been placed in A grade.

[Signature]
Registrar / Head, Department of
Amritsar.....31.....March..2022

[Signature]
Director
Skill Development Centre

[Signature]
Principal

S.No. 01 Reg. No. 202 /KCA/SDC/19403012



KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE
Certificate

This is to certify that Mr./Ms. Manjinder Singh
S/d/of Sukhwinder Singh and Mrs. Rajwinder Kaur
having pursued the prescribed course in Cloud Computing
in the Department of Computer Sci. & Application has been placed in B+ grade.

[Signature]
Registrar / Head, Department of
Amritsar.....31.....March..2022

[Signature]
Director
Skill Development Centre

[Signature]
Principal

VALUE ADDED COURSE
IN
BASICS OF COMPUTER HARWARE



SESSION 2021-22

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND
APPLICATIONS**

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

P.G. Department of Computer Science & Applications Estd. in 1989. It has set high academic standards and excelled in thought leadership by providing a pool of creative genius endowed with technical competence. It has promoted the evolving IT education field with professionally managed & well equipped labs and committed staff. The Department has a learning environment that encourages innovations, creativity and excellence. It provides a viable platform for education, research and training.

COURSE OBJECTIVE:

Identify the names and distinguishing features of different kinds of input and output devices. Describe how the CPU processes data and instructions and controls the operation of all other devices. Identify the names, distinguishing features, and units for measuring different kinds of memory and storage devices.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION: 30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669),

Director Skill Development Centre

Prof. Harbhajan Singh, (Mob: 9501024212)

Head, Computer Science & Applications



P.G. Department of Computer Science & Applications
KHALSA COLLEGE AMRITSAR

(An Autonomous College)

Website: khalcollege.edu.in

Email: computerscience@khalcollege.edu.in

Ref. No. CS-34/A

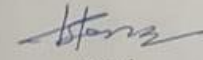
Date 10/2/22

NOTICE

P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-

S.No.	Value Added Course
1.	Cyber Security
2.	Basics of Computer Hardware
3.	Web Designing
4.	Cloud Computing

These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector. Interested students can contact Prof. Prabhjot Kaur of Computer Science department for any queries related to these courses.


Head

BROCHURE



P.G. Department of Computer Science and Applications KHALSA COLLEGE AMRITSAR



VALUE ADDED COURSES

Session: 2021-22

REGULAR STUDENTS CAN JOIN THESE COURSES.

- ❖ CYBER SECURITY
- ❖ BASICS OF COMPUTER HARDWARE
- ❖ WEB DESIGNING
- ❖ CLOUD COMPUTING

Course Objectives: These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector.

Contact :- Prof. Prabhjot Kaur (8283853366) for any queries.

Prof. Harbhajan Singh
Head

Dr. Mehal Singh
Principal

LIST OF STUDENTS:

S.No.	Course Name	Roll No.	Student's Name
1	Basics of Computer Hardware	21403007	Amandeep Kaur
2	Basics of Computer Hardware	21403008	Ramandeepkaur
3	Basics of Computer Hardware	21403020	Rajwant Kaur
4	Basics of Computer Hardware	21403027	Ramandeep Kaur
5	Basics of Computer Hardware	21403038	Manpreet Kaur
6	Basics of Computer Hardware	21403041	Jashanpreet Kaur
7	Basics of Computer Hardware	21403042	Pardeep Kaur
8	Basics of Computer Hardware	20401013	Ripudaman Singh
9	Basics of Computer Hardware	20401015	Navjot Kaur
10	Basics of Computer Hardware	20401018	Harjot Singh
11	Basics of Computer Hardware	20401019	Tushar Singh
12	Basics of Computer Hardware	20401059	Suman Kumar
13	Basics of Computer Hardware	20401060	Manpreet Kaur
14	Basics of Computer Hardware	20401072	Jannatjeet Kaur

COURSE CONTENTS:

P.G Department of Computer Science and Applications

Syllabus

BASICS OF COMPUTER HARDWARE

VALUE ADDED COURSE (CSVA-102)

Time: 1 hour

Total Teaching Hrs: 30

Max.Marks:50

Theory:

25

Practical:

25

Instructions for Paper Setters:

The question paper will consist of 25 multiple choice questions of one mark each are to be set from whole syllabus.

Course objective:

To develop an understanding among students regarding how the CPU processes data and instructions and controls the operation of all other devices. Identify the names, distinguishing features, and units for measuring different kinds of memory and storage devices.

Course Content:

UNIT 1:

Introduction to computer hardware, components of mother board & its types-Ports, slots, connectors, add on cards.

UNIT 2:

Power supply units, Cabinet types, Storage devices- Primary & secondary storage medium.

UNIT 3:

Magnetic disc, RAM, ROM, PROM, EPROM, Floppy, CD Rom, CDRW DVD, Virtual memory, Cache memory, Linear & Physical memory, Video memory

UNIT 4:

Input devices-keyboard, mouse, types of mouse, Joy stick, Track Ball, Light Pen.

Output devices-Monitors and different types of monitors, Printers & its types, Projectors.

References:

1. P. K.Sinha, P. Sinha, Fundamentals of Computers, BPB Publishers.
2. A. Goel, Computer Fundamentals, Pearson Education.
3. Introduction to Computers – N. Subramanian.
4. Introduction to Computers – Peter Norton Mcgraw Hill.
5. PC Hardware: The Complete Reference by Craig Zacker

Sr.No	On the successful completion of course. Student will be able to:
CO-1	Understand the fundamentals of Hardware.
CO-2	Understand the operations of basic PC hardware.

VALUE ADDED COURSE
IN
WEB DESIGNING



SESSION 2021-22

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND
APPLICATIONS**

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

P.G. Department of Computer Science & Applications Estd. in 1989. It has set high academic standards and excelled in thought leadership by providing a pool of creative genius endowed with technical competence. It has promoted the evolving IT education field with professionally managed & well equipped labs and committed staff. The Department has a learning environment that encourages innovations, creativity and excellence. It provides a viable platform for education, research and training.

COURSE OBJECTIVE:

To develop an understanding among students regarding basic concepts of HTML .It allows students to structure webpage content, while CSS affects the layout and styling. After finishing this course, students will be able to build basic websites.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION: 30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669),
9501024212)

Director Skill Development Centre

Prof. Harbhajan Singh, (Mob:

Head, Computer Science & Applications

NOTICE



P.G. Department of Computer Science & Applications KHALSA COLLEGE AMRITSAR

(An Autonomous College)

Website: khalcollege.edu.in

Email: computerscience@khalcollege.edu.in

Ref. No. CS-24/A

Date 10/2/22

NOTICE



P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-

S.No.	Value Added Course
1.	Cyber Security
2.	Basics of Computer Hardware
3.	Web Designing
4.	Cloud Computing

These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector. Interested students can contact Prof. Prabhjot Kaur of Computer Science department for any queries related to these courses.

Head

BROCHURE:

 **P.G. Department of Computer Science and Applications**
KHALSA COLLEGE AMRITSAR 

VALUE ADDED COURSES

Session: 2021-22

REGULAR STUDENTS CAN JOIN THESE COURSES.

- ❖ **CYBER SECURITY**
- ❖ **BASICS OF COMPUTER HARDWARE**
- ❖ **WEB DESIGNING**
- ❖ **CLOUD COMPUTING**

Course Objectives: These courses will help to enhance the overall skills of the students and will prove beneficial in grooming them with the upcoming trends in IT sector.

Contact :- Prof. Prabhjot Kaur (8283853366) for any queries.

Prof. Harbhajan Singh
Head

Dr. Mehal Singh
Principal

LIST OF STUDENTS:

S.No.	Course Name	Roll No.	Student's Name
1	Web Designing	19401007	Bhuvan Sharma
2	Web Designing	19401001	TarundeepKaur
3	Web Designing	19401019	Dipanshu Joshi
4	Web Designing	20401093	Sushmita
5	Web Designing	20401077	Pallavi
6	Web Designing	20401113	GurleenKaur
7	Web Designing	20401096	Kunal
8	Web Designing	20401140	LovepreetKaur
9	Web Designing	20401143	MohitbirKaur
10	Web Designing	20401126	Sukhraj Singh
11	Web Designing	21403001	Inderdeep Singh
12	Web Designing	21403015	Tranumpal Singh
13	Web Designing	21401056	NischayNagpal
14	Web Designing	21401106	Shivam
15	Web Designing	21401076	NavdeepKaur

COURSE CONTENT

P.G. Department Of Computer Science And Applications
SYLLABUS
WEB DESIGNING
VALUE ADDED COURSE (CSVA-103)

Time :1 Hour
30

Total Teaching Hrs.:

marks:50

Max.

Theory:25

Practical:25

Instructions for paper Setter:

The question paper will consist of 25 multiple choice questions of one marks each are to be set from entire syllabus.

COURSE OBJECTIVES:

To develop an understanding among students regarding basic concepts of HTML .It allows students to structure webpage content, while CSS affects the layout and styling. After finishing this course, students will be able to build basic websites.

Course Content

UNIT 1:

Introduction to HTML, DHTML, Introduction to the concept of Hyper text and Hyper media. HTML Tools.
HTML Tags, Hyper text and Anchors.

UNIT 2:

Different Image Form at sand their creation. Tables–Table based tags, Adding image with in tables.

UNIT 3:

Forms and Form Controls, Processing of Forms. Frames–Formatting of Frames, Nested Frames, In-line Frames.

UNIT 4:

Style Sheets–Combining with HTML documents, Properties of Style Sheet. Multimedia– Adding GIF, Sound and Videos Publishing a Web-site.

References:

1. Mastering HTML, CSS &Java script Web Publishing by Laura Lemay, Rafe Colburn, Jennifer Kyrnin
2. HTML & CSS: The Complete Reference, Fifth Edition by Thomas A. Powell HTML, XHTML and CSS For Dummies By Ed Tittel, Jeff Noble

CO-1.	Writing code in HTML and CSS
CO-2.	Personalize web pages using text formatting, graphics, audio, and video
CO-3.	Plan and design a web application from scratch

STUDENTS' ATTENDANCE:

		KHALSA COLLEGE AMRITSAR																	
		Time: 1 Hr.																	
		Class Value Added Course [Web Designing] Feb/March 20 22																	
S.No.	Roll No.	Name	Attendance B.F.														Total	Remarks	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			15
1	19401007	Bhuvan Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	19401001	Harandeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	19401019	Dipanshu Jashi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	20401093	Sushmita	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	20401077	Pallavi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	20401113	Gurleen Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
7	20401096	Kunal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
8	20401110	Lovepheet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	20401103	Mohitbir Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
10	20401126	Sukhna Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
11	21403001	Inderdeep Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
12	21403015	Tranumpal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
13	21401054	Nrischay Nopra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
14	21401104	Shivam	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
15	20401016	Navdeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		

		KHALSA COLLEGE AMRITSAR																		
		Class Web Designing [Value Added Course] Feb/March 20 22																		
Roll No.	Lectures Attended	Lectures Brought Forward	Total	Remarks	Attendance B.F.															
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
23	24	25	26	27	28	29	30	31	32	33	34	35	36							
24	25	26	27	28	29	30	31	32	33	34	35	36								
25	26	27	28	29	30	31	32	33	34	35	36									
26	27	28	29	30	31	32	33	34	35	36										
27	28	29	30	31	32	33	34	35	36											
28	29	30	31	32	33	34	35	36												
29	30	31	32	33	34	35	36													
30	31	32	33	34	35	36														
31	32	33	34	35	36															
32	33	34	35	36																
33	34	35	36																	
34	35	36																		
35	36																			
36																				

STUDENT'S CERIFICATE

S.No. _____ Reg. No. 202 /KCA/SDC/
Roll No. 19401001



KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate


This is to certify that Mr./Ms. Bhuvan Sharma
S/d/of Alok Sharma and Mrs. Sonia Sharma
having pursued the prescribed course in Web Designing
in the Department of Computer Science has been placed in A grade.

[Signature]
Registrar / Head, Department of
Amritsar.....31/3/2022

[Signature]
Director
Skill Development Centre

[Signature]
Principal

S.No. _____ Reg. No. 202 /KCA/SDC/
Roll No. 19401019



KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Dipanshu Joshi
S/d/of Ram Gopal and Mrs. Vajay Joshi
having pursued the prescribed course in Web Designing
in the Department of Computer Science has been placed in A+ grade.

[Signature]
Registrar / Head, Department of
Amritsar.....31/3/2022

[Signature]
Director
Skill Development Centre

[Signature]
Principal

Short Term Skill Development Certificate Course

CERTIFICATE COURSE

IN

WEB DESIGNING



SESSION 2021-22

SKILL DEVELOPMENT CENTRE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The training in professional Short Term Courses regarding Bakery, Food and Vegetable Processing, Cutting, Stitching & Tailoring, Web Designing, Acting and Theatrical Arts, Communication Skills and Personality Development and Computer Training etc. is to be given in Skilled Development Centre of Khalsa College Amritsar. This building of Khalsa Global Reach Skill Development Centre is constructed with financial help provided by Khalsa Global Reach Foundation, USA under the presidentship of Dr. Gurvarinder Kaur and S. Bakhshish Singh Sandhu ji. Coaching for competitive examinations like IAS, PCS, Bank P.O., NDA, CDSE etc. is also conducted by Centre for Competitive Exams housed in this building.

Working on the lines of “Skill India Mission”, Khalsa College Amritsar has established a Skill development Centre in the campus. This centre provides skill development training to students. Students of any stream with minimum qualification 10th are eligible to apply for these courses. Each student who is enrolled under any course will be given both theory and practical training necessary for the course. After completion of the course, the College provides a certificate of completion. These courses are being taught by well trained and experienced faculty members. These courses help the students, to learn new skills along with their work/courses, to explore their talents and get expertise in various skills and to enhance their communication and presentation skills.

COURSE OBJECTIVE:

1. To create better understanding of the principles of creating an effective web page and learning of the web language: HTML
2. To understand graphic design principles better and learn how to implement these theories into reality.
3. To learn how to plan and conduct user research related to web designing.
4. To develop skills to analyze social sites.

SCOPE:

Web designing is a short term professional job oriented course. There are vast opportunities available for the students who want to work in this field. Many private and public organizations hire web designers for their online work and website development.

With the rapid advent of online industry, the demand of web development professionals is increasing and this has created a lot of job opportunities for the students in the upcoming days.

ELIGIBILITY FOR ADMISSION:

10+2 (Any Stream), Regular college students can join.

DURATION:

3 Months

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669)
Director Skill Development Centre

S. Harbhajan Singh (Mob. 9501024212)
Head, Food Science Technology

COURSE CONTENTS:

CERTIFICATE COURSE IN WEB DESIGNING

CCWD-101: Web Designing using HTML

Time: 3 Hrs.

M.M: 100
Theory Marks: 30
Practical Marks: 70

Note: The question paper covering the entire course shall be divided into three sections.

Medium of Examination is English Language.

Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 5 questions. Each question will carry **02 marks** with answer to each question up to 10 lines in length. The total weightage being **10 marks**.

Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry **05 marks**. The total weightage of this section shall be **10 marks**.

Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry **05 marks**. The total weightage of this section shall be **10 marks**.

Course Objectives:

1. To create better understanding of the principles of creating an effective web page and learning of the web language: HTML
2. Better acquaintance with graphic design principles and learn how to implement these theories into reality.
3. Better learning of how to plan and conduct user research related to web designing.
4. Skills are developed to analyses social sites.

UNIT-I

Introduction to Internet : About internet and its working, business use of internet, internet services, evolution of Internet, Internet Service Provider (ISP), internet addressing (DNS) and IP addresses, WWW introduction, working of WWW, Web browsing (opening, viewing, saving and printing a web page).

Introduction to HTML, DHTML

Introduction to the concept of Hypertext and Hypermedia.

HTML Tools.

HTML Tags, Hypertext and Anchors.

Different Image Formats and their creation.

Tables – Table based tags, Adding image within tables.

UNIT-II

Forms and Form Controls, Processing of Forms.

Frames – Formatting of Frames, Nested Frames, In-line Frames.

Style Sheets – Combining with HTML documents, Properties of Style Sheet.

Multimedia – Adding GIF, Sound and Videos

Publishing a Web-site

References:

1. **Mastering HTML, CSS & Javascript Web Publishing** by Laura Lemay, Rafe Colburn, Jennifer Kyrnin
2. **HTML & CSS: The Complete Reference, Fifth Edition** by Thomas A. Powell
3. **HTML, XHTML and CSS For Dummies** By Ed Tittel, Jeff Noble

Course Outcomes:

At the end of this course student will:

CO-1. Be able to use the HTML programming language.

CO-2. Runs the page he/she has designed using HTML codes.

CO-3. Be able to use the Design Programs.

CO-4. Designs site and page via Microsoft Expression Web 4 programme.

CO-5. Uses the program Web Page Maker.

CO-6. Publishes the site he/she designed.

CERTIFICATE COURSE IN WEB DESIGNING

CCWD-101: CSS, JavaScript and Bootstrap for Web Developer

Time: 3 Hrs.

MM: 100

Theory Marks: 30

Practical Marks: 70

Note: The question paper covering the entire course shall be divided into three sections.

Medium of Examination is English Language.

Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 5 questions. Each question will carry **02 marks** with answer to each question up to 10 lines in length. The total weightage being **10 marks**.

Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry **05 marks**. The total weightage of this section shall be **10 marks**.

Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry **05 marks**. The total weightage of this section shall be **10 marks**.

Course Objectives:

The objective of this course is to familiarize students with the coding process including syntax, best practices, and the idea of "code once, re-use many times".

UNIT-I

Cascading Style Sheets (CSS3):

Introduction to CSS 3, New CSS 3 Selectors, Attribute Selectors, First-of-type, Last-of-type Nth-child, Element: empty, New CSS3 Properties, Custom Fonts, Text-Shadow Property Text-Stroke Property, Rounded Corners, Box Shadows, CSS Gradients, CSS Multiple backgrounds Opacity Property, Transition effect, Transform effect, Animation effects, CSS Media Queries

CSS Framework:

Web Site Development using W3.CSS Framework W3.CSS Intro, W3.CSS Colors, W3.CSS Containers, W3.CSS Panels, W3.CSS Borders, W3.CSS Fonts W3.CSS Text, W3.CSS Tables, W3.CSS List, W3.CSS Images, W3.CSS Grid,

UNIT-II

Responsive Web Design with Bootstrap:

Introduction to Responsive Design, Mobile first design concepts, Common device dimensions View-port tag, Using css media queries, Menu conversion script, Basic Custom Layout, Introduction to Bootstrap, Installation of Bootstrap, Grid System, Forms, Buttons, Icons Integration

JavaScript

Introduction to Client side Scripting Language, Introduction to Java Script, JavaScript Types, Variables in Java Script, Operators in JS, Conditions Statements, JS Popup Boxes, JS Events, Basic Form Validations in JavaScript.

Development of any application /portal/Blog using CSS, JavaScript and bootstrap

References:

1. HTML5, Black Book, Kagent Learning Solution Inc, 2014
2. Mastering HTML, CSS & JavaScript Web Publishing by Lemay Laura, BPB publications
3. HTML & CSS: The Complete Reference by Thomas Powell
4. Web Design, McGraw -hill

Course Outcomes (COs):

On completion of this course students will able to:

- CO1. Understand the principles of creating an effective web page, including an in-depth consideration of information architecture.
- CO2. Become familiar with graphic design principles that relate to web design and learn how to implement theories into practice.
- CO3. Learn techniques of responsive web design, including media queries.
- CO4. Develop basic programming skills using CSS3, JavaScript, Bootstrap, w3css.
- CO5. Embed social media content into web pages.
- CO6. Investigate client-side scripting uses.

STUDENTS' ATTENDANCE:

KHIALSA COLLEGE AMRITSAR																									(Lecture = 1 Hr)	
Certificate Course																										
Class: web Designing using HTML (Part - I)																										
Jan-Feb 2022																										
Sl. No.	Roll No.	Name	Attendance B.C.	Attendance																	Total	Remarks				
				13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29						
	2182223	Sukhmandeep Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
	2182218	Bhikramjeet Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2182202	Bhikramjeet Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2103	Dehwal Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2104	Harkiran Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2105	Harshita Chaurasia		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2106	Harshita Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2107	Harshita Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2108	Tarjika Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	2110	Nieha		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	112	Tarhandaep Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	113	Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	114	Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	115	Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	116	Pran Chaurasia		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	117	Rashandeep Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

KHIALSA COLLEGE AMRITSAR																									51	(Lecture = 1 Hr)					
Certificate Course																															
Class: web Designing using HTML (Part - I)																															
Feb-March 2022																															
Roll No.	Attendance																	Lectures Attended	Lectures Brought Forward	Total	Remarks										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17														
2182223	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A					
2182218	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
03	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
04	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
05	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
06	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
07	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
08	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
110	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
111	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
112	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
113	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
114	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
115	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
116	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
117	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				

KHIALSA COLLEGE AMRITSAR																									1	(Lecture = 1 Hr)						
Certificate Course																																
Class: web Designing using HTML (Part - I)																																
March 2022																																
Sl. No.	Roll No.	Name	Attendance B.C.	Attendance																	Total	Remarks										
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17												
2182223		Sukhmandeep Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A					
2182218		Bhikramjeet Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
03		Dehwal Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
04		Harkiran Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
05		Harshita Chaurasia		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
06		Harshita Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
07		Harshita Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
08		Tarjika Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
110		Nieha		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
111		Tarhandaep Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
112		Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
113		Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
114		Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
115		Pranjal Singh		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
116		Pran Chaurasia		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
117		Rashandeep Kaur		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				

STUDENTS' ATTENDANCE:

KHALSA COLLEGE AMRITSAR 52 ^{Lecture} / ^{Lecture = 1hr}																													
Certificate Course Class <u>Web Designing Using HTML (Paper-I)</u> <u>March - April 2022</u>																													
Roll No.	1/3	2/3	3/3	4/3	5/3	6/3	7/3	8/3	9/3	10/3	11/3	12/3	13/3	14/3	15/3	16/3	17/3	18/3	19/3	20/3	21/3	22/3	23/3	24/3	25/3	Lectures Attended	Lectures Brought Forward	Total	Remarks
2023	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
2101	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
02	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
03	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
04	A	A	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
05	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
06	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
07	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
08	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
10	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
11	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
12	A	A	P	P	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P				
13	A	A	P	P	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P				
14	A	A	P	P	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P	P	A	A	P				
15	A	A	A	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P				
16	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
17	A	A	P	P	A	A	A	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P				

Scanned with CamScanner

STUDENTS' CERTIFICATES:

S.No. 007

Regd. No. 20 /KCA/SDC/
Roll No. 21852008

KHALSA COLLEGE AMRITSAR
(An Autonomous College)
Estd. 1892

SKILL DEVELOPMENT CENTRE
Certificate

This is to certify that Mr./Ms. ABHAYJEET SINGH
S/d/o KASHMIR SINGH and Mrs. RAJWINDER KAUR
having pursued the prescribed course in WEB DESIGNING
of duration THREE months has been placed in B grade.

 Registrar
Amritsar 27/12/2021

 Director, SDC

 Principal

S.No. 009

Regd. No. 20 /KCA/SDC/
Roll No. 21852010

KHALSA COLLEGE AMRITSAR
(An Autonomous College)
Estd. 1892

SKILL DEVELOPMENT CENTRE
Certificate

This is to certify that Mr./Ms. ARSHDEEP SINGH
S/d/o HARDEV SINGH and Mrs. BALWINDER KAUR
having pursued the prescribed course in WEB DESIGNING
of duration THREE months has been placed in B grade.

 Registrar
Amritsar 27/12/2021

 Director, SDC

 Principal

VALUE ADDED COURSE

IN

OFFICE AUTOMATION



SESSION 2021-22

**P.G. DEPARTMENT OF COMPUTER SCIENCE AND
APPLICATIONS**

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

P.G. Department of Computer Science & Applications Estd. in 1989. It has set high academic standards and excelled in thought leadership by providing a pool of creative genius endowed with technical competence. It has promoted the evolving IT education field with professionally managed & well equipped labs and committed staff. The Department has a learning environment that encourages innovations, creativity and excellence. It provides a viable platform for education, research and training.

COURSE OBJECTIVE:

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669),
Director Skill Development Centre

Prof. Harbhajan Singh, (Mob: 9501024212)
Head, Computer Science & Applications

NOTICE



Khalasa College Amritsar

(An Autonomous College Affiliated To GNDU Amritsar)



KHALSA GLOBAL REACH SKILL DEVELOPMENT CENTRE

Tel.: +91-183-2258097, 5015511 • Email : sdckca@gmail.com • Website : www.khalsacollege.edu.in

Ref. No. SDC/VAC/001

Date 02.08.2021

NOTICE

Skill Development centre is starting the following value added courses. The students can get registered for these courses on or before 14.08.2021 by filling the prescribed form available with the Skill Development centre/Registrar office. The classes will commence from August/Sept. Total duration of each course will be 30 hrs with one class every day.

S.No.	Certificate course in	Department
1.	Soft skills	Skill Development centre
2.	Acting and theatrical arts	Department of Theatre Studies
3.	Punjabi Folk Dance-Bhangra	Department of Theatre Studies
4.	Punjabi Folk Dance-Gidha	Department of Theatre Studies
5.	Office Automation	Department of Computer
6.	Communication skills and Personality development	Department of English

Dr. M.S. Batra

(Director, Skill Development Centre)

LIST OF STUDENTS

Sr. No	Roll No.	Student Names	Class/Department
1.	21401034	Parasdeep Singh	B.C.A Sem-I(A)
2.	21302016	Arshjit Singh	B.Com Sem-I
3.	21401086	Sakshi Verma	B.C.A Sem-I
4.	21302073	Kamakshi Sharma	B.Com Sem-I
5.	21401070	Karndeeep Singh	B.C.A Sem-I
6.	21801012	Jograj Singh	B.Voc(software development)
7.	21801014	Akashdeep Singh	B.Voc(software development)
8.	21801021	Brahmdeep Singh	B.Voc(software development)
9.	21801013	Gursewak Singh	B.Voc(software development)

SYLLABUS

OFFICE AUTOMATION VALUE ADDED COURSE

Time: 1 Hours

Total teaching Hours: 30

Max. Marks: 50

Instructions for Paper Setters:

The Question Paper will consist of 25 Multiple Choice Questions of 2 Marks each from the whole syllabus. The students will have to attempt all questions.

Course Objectives:

This course enable the students to

1. Be proficient in office automation applications.
2. Handle the word processing software.
3. Understand that in In Today's commercial world, automation helps the users with a sophisticated set of commands to format, edit, and print text documents.
4. Use it as valuable and important tools in the creation of applications such as newsletters, brochures, charts, documents, drawings and graphic images.

UNIT-I

MS-Word: Introduction to Ms-Office, Introduction to MS-Word ,Parts of window of word (Title bar, menu bar, status bar, ruler) , Creation of new documents, opening document , Page setup, margins, gutters, font properties, A!ignment, page breaks, header footer ,deleting , replace, editing text in document.

UNIT-II

Saving a document, spell checker, printing a document. Creating a table, entering and editing,Text in tables. Changing format of table, height width of row or column. Editing, deleting Rows, columns in table,mail merge.

References:

1. Office 2010 Bible by John Walkenbach , Herb Tyson , Michael R. Groh, FaitheWempen
2. WORD 2010 FOR DUMMIES By Dan Gookin
3. MS–Office , Compiled by SYBIX.
4. Word 2010 in Simple Steps by Kogent Learning Solutions Inc.

Course Outcomes:

The student will be able to

CO-1. Use word processors software.
CO-2. Describe the features and functions of the categories of application software.
CO-3. Understand the dynamics of an office environment.
CO-4. Demonstrate the ability to apply application software in an office environment.

STUDENTS' ATTENDANCE:

		KHALSA COLLEGE AMRITSAR																					
		Sept - Oct 2021																					
Class Office Automation																							
S No	Roll No	Name	Attendance B F	13/9	14/9	15/9	16/9	20/9	21/9	22/9	23/9	24/9	25/9	1/10	4/10	5/10	6/10	7/10	8/10	9/10	11/10	Total	Remarks
	2140184	Parandeep Singh		P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	2130206	Akshajit Singh		P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P		
	2140186	Saakshi Verma		P	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P		
	2130203	Kamakshi Sharma		P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
	2140170	Kandeep Singh		P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P		
	2180102	Jagraj Singh		P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P		
	2180106	Akashdeep Singh		A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	21801021	Rachandeep Singh		P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P		
	21801013	Gurpreet Singh		P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P		

KHALSA COLLEGE AMRITSAR

Class Office Automation

Oct - Nov 2021

S. No	Roll No	Name	Attendance B F	18	19	20	29	1	2	3	4	8	9	10	11	12	Total
				10	10	10	10	11	11	11	11	11	11	11	11	11	
	21401035	Parasdeep Singh		P	A	P	P	P	P	P	P	P	P	P	A	P	
	21302016	Ashjit Singh		P	P	P	A	P	P	P	P	P	P	P	P	P	
	21401086	Sakshi Varna		P	A	P	P	A	P	P	P	P	P	P	P	P	
	21302073	Kamakshi Sharma		P	P	P	A	P	P	A	P	P	P	P	P	P	
	21401070	Kaandeep Singh		P	P	P	P	A	P	P	P	P	P	A	P	P	
	21801012	Jagraj Singh		A	P	P	A	P	P	P	P	P	P	P	P	P	
	21801015	Akashdeep Singh		P	P	P	P	P	P	P	P	P	P	A	P	A	
	21801021	Brahmdeep Singh		A	P	P	P	A	P	P	P	P	A	P	P	A	
	21801013	Gurpreet Singh		P	A	P	P	P	A	P	P	P	A	P	A	P	

STUDENTS' CERTIFICATE

S.No.

Reg. No. 202 /KCA/SDC/21401086



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Sakshi Verma

S/d/of Rahul Verma and Mrs. Jyoti

having pursued the prescribed course in Office Automation

in the Department of Computer Science has been placed in A+ grade.

Hona
Registrar / Head, Department of
Amritsar.....202

Chaitra
Director
Skill Development Centre

Neelam
Principal

S.No.

Reg. No. 202 /KCA/SDC/21401031



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE


Certificate

This is to certify that Mr./Ms. Parasdeep Singh

S/d/of Kuljit Singh and Mrs. Gurpreet Kaur

having pursued the prescribed course in Office Automation

in the Department of Computer Science has been placed in A⁺ grade.


Registrar / Head, Department of
Amritsar.....202


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
TEXTILES PRINTING TECHNIQUES



SESSION 2021-22
P.G. DEPARTMENT OF FASHION DESIGNING
KHALSA COLLEGE AMRITSAR
(An Autonomous College)
PUNJAB-143002

ABOUT DEPARTMENT:

The training in professional Short Term Courses regarding Bakery, Food and Vegetable Processing, Cutting, Stitching & Tailoring, Web Designing, Acting and Theatrical Arts, Communication Skills and Personality Development and Computer Training etc. is to be given in Skilled Development Centre of Khalsa College Amritsar. This building of Khalsa Global Reach Skill Development Centre is constructed with financial help provided by Khalsa Global Reach Foundation, USA under the presidentship of Dr. Gurvarinder Kaur and S. Bakhshish Singh Sandhu ji coaching for competitive examinations like IAS, PCS, Bank P.O., NDA, CDSE etc. will also be conducted by Centre for Competitive Exams housed in this building.

Working on the lines of “Skill India Mission”, Khalsa College Amritsar has established a Skill development Centre in the campus. This centre provides skill development training to students. Students of any stream with minimum qualification 10th are eligible to apply for these courses. Each student who is enrolled under any course will be given both theory and practical training necessary for the course. After completion of the course the College will provide a certificate of completion. These courses are being taught by well trained and experienced faculty members. These courses help the students, to learn new skills along with their work/courses, to explore their talents and get expertise in various skills and to enhance their communication and presentation skills

COURSE OBJECTIVE:

By completing the textiles printing techniques course program, the student will be able to:

Acting as an independent professional, either on his own or on behalf of others;

- To know about the different printing methods.
- To get the knowledge about varies techniques of tie and dye.
- To learn the various methods of fabric painting

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669)
Director Skill Development Centre

Jasmeet Kaur (Mob. 8968029999)
Head, PG Department of Fashion Designing

NOTICE



ESTD 1892
E-mail : fashiondesigning_khalsacollege@yahoo.com
Web : www.khalsacollege.edu.in

POST GRADUATE DEPARTMENT OF FASHION DESIGNING

KHALSA COLLEGE AMRITSAR
(AN AUTONOMOUS COLLEGE)

(O) : +91-183-2258097
: +91-183-5015511
Fax : +91-183-2255619
Pin : 143 002 (Pb.) India

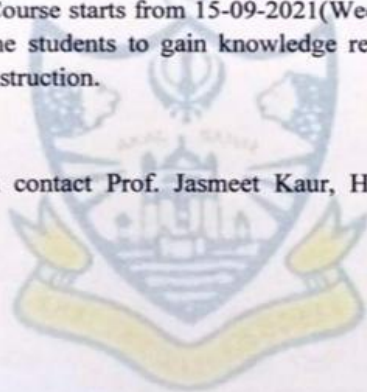
No. 2020/FD.....

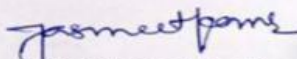
Dated 11-Sep-2021.....

Notice

The P.G. Department of Fashion Designing is going to commence value added course in "Cutting Stitching and Tailoring" for the Under Graduate & Post Graduate classes. The Course starts from 15-09-2021(Wednesday). The content of this course will help the students to gain knowledge regarding pattern making, cutting and garment construction.

Interested students can contact Prof. Jasmeet Kaur, Head of the Department, Fashion Designing.




(Prof. Jasmeet Kaur)
Head

Copy to:

1. All HoD's and In charges of various departments for the information of students
2. DAA
3. Registrar/Deputy Registrar
4. All Notice Boards
5. File

Textile Printing Techniques (Session-2021-22)

Sr. No	Roll No.	Student Names	Class/Department
1.	18101174	Jasmeen kaur	B.Sc Agri.
2.	11801264	Harnoor Singh	B.Sc Agri.
3.	21732014	Ravneet kaur	Cosmetology
4.	21732009	Mehak Sharma	Cosmetology
5.	18101237	Vivek arora	B.Sc Agri.
6.	22701042	Diya	Bio Tech
7.	22701040	Harpreet kaur	Bio Tech
8.	22701041	Sukhmani kaur	Bio Tech
9.	18101235	Gurjant Singh	B.Sc Agri.
10.	22701015	Ramandeep kaur	Bio Tech
11.	19706022	Manjinder kaur	B.Sc Fashion designing
12.	19706024	Ramneet Kaur	B.Sc Fashion designing
13.	19706017	Nisha Kumari	B.Sc Fashion designing
14.	21732013	Taniya Bambha	Cosmetology
15.	22701030	Sandeep kaur	Bio Tech
16.	20706004	Prabhroop Kaur	B.Sc Fashion Designing
17.	20706021	Vani	B.Sc Fashion designing
18.	20706024	Suniti Sharma	B.Sc Fashion designing

P.G. Department of Fashion Designing

SYLLABUS

Textiles Printing Techniques

Value Added Course (VACC-112)

Time: 1 Hour

Max. Marks: 50

Total Teaching Hours: 30

Theory: 25

Practical: 25

Instructions of Paper Setters:

The question paper will consist of 50 multiple choice questions of One mark each (theory and practical) are to be set from whole syllabus.

Note: Paper will be set on the spot by the examiner.

Objectives:

- To know about the different printing methods.
- To get the knowledge about various techniques of tie and dye.
- To learn the various methods of fabric painting

Course Content:-

Prepare any five articles from below given techniques

- Stencil Printing
- Block Printing
- Screen Printing
- Tie and Dye

Course Outcomes: By the end of the Programme, students will have knowledge and understanding of:

Sr. No.	On completing the course, the students will be able to:
CO-1	To enable students to develop practical skills of printing and dyeing
CO-2	Understanding the process of making and using different fashion and textile materials.
CO-3	Student will be able to develop their ideas in real and use it as per the market demand.

STUDENTS' ATTENDANCE

		KHALSA COLLEGE AMRITSAR															
		Class <u>Life Long Learning</u> (Mon Feb - March)												Feb - March 2021-22			
S. No.	Roll No.	Name	Attendance B.F.													Total	Remarks
				2	3	4	5	6	7	8	9	10	11	12	13 - March-22		
1	502201	Jasmeen Kaur		P	S	P	P	P	P	H	P	S	P	P			
2	502202	Harneet Singh		P	U	P	P	P	P	O	A	U	A	A	P		
3	502203	Ravneet Kaur		A	N	A	P	P	P	L	A	N	P	P	P		
4	502204	Mehak Sharma		A	D	P	P	P	A	A	P	D	P	P	P		
5	502205	Vivek Anand		A	A	P	P	P	P	A	A	P	P	P	P		
6	502206	Diya		P	Y	P	P	A	P	P	Y	P	P	P	P		
7	502207	Harpreet Kaur		A	P	P	A	P	P	P	P	P	P	P	P		
8	502208	Sukhamani		P	P	P	P	P	P	A	P	P	P	P	P		
9	502209	Gurjant Singh		P	P	P	P	P	P	P	P	P	P	P	P		
10	502210	Ramandeep		A	P	P	P	P	P	P	P	P	P	P	P		
11	502211	Manjinder		P	S	A	P	P	P	A	P	P	P	P	P		
12	502212	Ramneet Kaur		P	U	P	P	P	P	P	S	P	P	P	P		
13	502213	Nisha Kumari		A	N	A	A	P	P	P	U	P	P	P	P		
14	502214	Taniya Bamba		P	D	P	P	P	P	P	N	P	P	P	P		
15	502215	Sandeep		P	A	A	P	P	P	P	D	P	P	P	P		
16	502216	Prabhdeep Kaur		P	Y	P	P	P	P	P	A	P	P	P	P		
17	502217	Vani		P	P	P	P	P	P	P	Y	P	P	P	P		
18	502218	Sumiti Sharma		P	P	P	P	P	P	P	P	P	P	P	P		

STUDENTS' CERTIFICATE

S.No.	Reg. No. 202 /KCA/SDC/18101264	
 KHALSA COLLEGE AMRITSAR (An Autonomous College) KHALSA GLOBAL REACH		
SKILL DEVELOPMENT CENTRE		
<i>Certificate</i>		
This is to certify that Mr./Ms. <u>Harpreet Singh</u>		
S/d/of <u>Manjeet Singh</u> and Mrs. <u>Nishpreet Kaur</u>		
having pursued the prescribed course in <u>Textile Printing Techniques</u>		
in the Department of <u>Fashion designing</u> has been placed in <u>A</u> grade.		
 Registrar / Head, Department of Amritsar..Feb..March....2022	 Director Skill Development Centre	 Principal

S.No.

Reg. No. 202 /KCA/SDC/22791015



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE


Certificate

This is to certify that Mr./Ms. Ramandeep Kaur

S/d/of Gurudev Singh and Mrs. Dalbise Kaur

having pursued the prescribed course in textile Printing Techniques

in the Department of Fashion designing has been placed in A grade.


Registrar / Head, Department of
Amritsar...Feb...March.....2022


Director
Skill Development Centre


Principal

VALUE ADDED COURSE
IN
DISASTER MANAGEMENT



SESSION 2021-22

DEPARTMENT OF GEOGRAPHY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

NOTICE

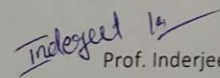
DEPARTMENT OF GEOGRAPHY

NOTICE

Date: August 16, 2021

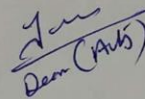
The Department of Geography is going to commence a value-added course on “**Disaster Management**” for the students with effect from August 23, 2021. This course will help the students in understanding of concepts in Disaster risk reduction and Humanitarian response.

Interested students can contact Prof. Inderjeet kaur, Department of Geography.


Prof. Inderjeet Kaur

Assistant Professor

Department of Geography


Dean (Acad)

LIST OF STUDENTS:
SESSION (2021-22)
KHALSA COLLEGE AMRITSAR
Disaster Management (Value Added Course)

S.no	Roll no.	Name of Student
1	19201004	Navraj Singh
2	19201006	Keerat Sohal
3	19201012	Rohan
4	19201148	Jiya Sharmap
5	19201181	Ishant Kaur
6	19201323	Simarjit Singh
7	19201325	Anmoljit Singh
8	19201330	Manpreet Kaur
9	19201406	Ajmer singh
10	19201532	Kirandeep Kaur
11	19201584	Sawanpreet singh
12	19201629	Karanbir Singh
13	19201674	Ramandeep singh

Mrs. Inderjeet Kaur
Assistant professor
Department of Geography

COURSE CONTENTS

(Session 2021-2022)
B.A. SEMESTER-V
GEOGRAPHY
DISASTER MANAGEMENT

Time: 1 Hour

Credit Hours: 30 hours
Total Hours: 30
Max. Marks: 50
(Theory: 35
Practical: 15)

Instructions for the Paper Setters:

In theory, there will be 35 questions of 1 mark each. All questions are compulsory. Answer to each question shall be in 50 words approximately. In practical, students have to submit one assignment.

Course Objectives: Develop an understanding of standard of humanitarian response and practical relevance in specific types of disasters and conflict situations. Understand the strength and weaknesses of disaster management approaches, planning and programming.

UNIT-I

Understanding disaster; Meaning, Factors and Significance, Causes and effects. Disasters a global view, Profile of India; Regional and seasonal
Typology of Disasters; Earthquakes, Flood and Drainage, Cyclone, Drought and Famine, Landslides, Fire and Forest fire

UNIT-II

Essentials and Disaster preparedness: Planning, communication, Leadership and coordination
Warehouse and stock piling
Disaster management and Awareness: Human behavior and response, Individual community, Institutions, Community participations and awareness public awareness, public awareness Programme.

Course Outcomes:


1. Provide basic conceptual understanding of disasters and its relationship with Development.
2. Build skills to respond to disasters.
3. Enhance awareness of disaster risk management.

References:

1. Green, Stephen, 1980. International disaster relief: Towards A Responsive System; McGraw Hill Book Company, New York.
2. Ross, Simon, 1987. Hazard Geography; Longman, UK
3. Mishra, Girish K, and G C Mathur (Eds), 1993. Natural Disaster Reduction Reliance Publishing house.
4. Prakash, Indu, 1994 Disaster Management, Rastra Prahari, Prakashan Ghaziabad.

STUDENTS' CERTIFICATES:

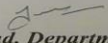
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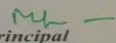
KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate


This is to certify that Mr./Ms. Navraj Singh
S/d/of Harjit Singh and Mrs. Sulshwant kaur
having pursued the prescribed course in Disaster Management
in the Department of Geography has been placed in A grade.


Registrar / Head, Department of
Amritsar.....10.....Nov.....2021


Director
Skill Development Centre


Principal

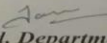
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


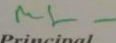
KHALSA COLLEGE AMRITSAR
(An Autonomous College)
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Rohan
S/d/of Ram chentara and Mrs. Sunita
having pursued the prescribed course in Disaster Management
in the Department of Geography has been placed in A+ grade.

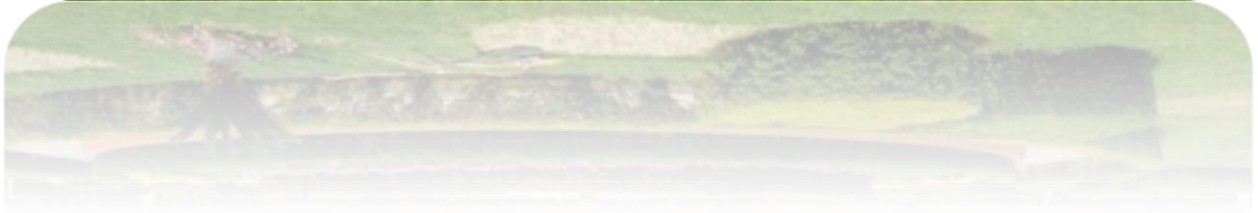

Registrar / Head, Department of
Amritsar.....10.....Nov.....2021


Director
Skill Development Centre


Principal

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**VALUE ADDED COURSE
IN
HISTORY AND HISTORIOGRAPHY**



SESSION 2021-22
P.G. DEPARTMENT OF HISTORY
KHALSA COLLEGE AMRITSAR
(An Autonomous College)
PUNJAB 143002

COURSE OBJECTIVE:

The aim of course is to elucidate the students about the definition, nature, scope, purpose of history and historical method. The main objective of this course is to inculcate the deep insight among the students to know and analyze the different schools of historical writings such as Imperialist, Nationalist, Marxist and Subaltern. It is designed to provide the knowledge about philosophy and methodology of Imperialist, Nationalist, Marxist and Subaltern historical works.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Prof. Jaspreet Kaur


Dean Arts & Humanities

NOTICE

KHALSA COLLEGE AMRITSAR P.G. DEPARTMENT OF HISTORY

Notice

P.G. Department of History is going to commence a Value-Added Course entitled **'HISTORY AND HISTORIOGRAPHY'** for the students from August 25, 2021 for the session 2021-2022. The course will help the students in learning about relationship between history and historiography. Interested students can contact Prof. Satinder Kaur.


Prof. Jaspreet Kaur
Dean Arts & Humanities
Date: August 17, 2021.

LIST OF STUDENTS:

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF HISTORY
VALUE-ADDED COURSE SESSION: 2021-2022
HISTORY AND HISTORIOGRAPHY
LIST OF STUDENTS

Sr. No:	Name of the Student	Class	Roll No
1.	JAIDEEP GILL	BA SEM V	19201379
2.	INDERJIT SINGH	BA SEM V	19201381
3.	JAGJEET SINGH	BA SEM V	19201387
4.	MANPREET KAUR	BA SEM V	19201400
5.	JOBANJEET SINGH	BA SEM V	19201414
6.	SHUBHANPREET KAUR	BA SEM V	19201460
7.	SANDEEP KAUR	BA SEM V	19201475
8.	KIRANDEEP KAUR	BA SEM V	19201503
9.	JAGDEEP KAUR	BA SEM V	19201553
10.	ROSHAN KUMAR	BA SEM V	19201649
11.	RAMANDEEP SINGH	BA SEM V	19201668
12.	SUKHDEEP SINGH	BA SEM V	19201681
13.	JASKARANJEET KAUR	BA SEM V	19201750
14.	RAMAMDEEP BRAR	BA SEM V	19201820
15.	SUPRIYA SHARMA	BA SEM V	19201821
16.	AKASHDEEP SINGH	BA SEM V	19201822


Prof. Jaspreet Kaur
Dean Arts & Humanities

COURSE CONTENTS:
KHALSA COLLEGE AMRITSAR
(AN AUTONOMOUS COLLEGE)
P.G. DEPARTMENT OF HISTORY
VALUE ADDED COURSE
History and Historiography

Time: 1 Hour

Total Hours: 30
Total Marks: 50

Instructions for the paper setter:

The examiner shall set **25 Multiple choice questions** from the whole syllabus. The candidates shall attempt all questions. Each question carries **2 marks**.

Course Objectives: This course is drafted to make the students of history mindful about the evolution of historical thought and historical writing. It aims to elucidate the students about the definition, nature, scope, purpose of history and historical method. The main objective of this course is to inculcate the deep insight among the students to know and analyze the different schools of historical writings such as Imperialist, Nationalist, Marxist and Subaltern. It is designed to provide the knowledge about philosophy and methodology of Imperialist, Nationalist, Marxist and Subaltern historical works.

SECTION - A

Philosophy of History

1. Definition and Nature of History.
2. Purpose and Scope of History.
3. Causation in History.
4. Objectivity and Subjectivity in History.

SECTION – B

Schools of Indian Historiography

5. Imperialist
6. Nationalist
7. Marxist
8. Subaltern

Suggested Readings:-

- E.H. Carr, *What is History?* Penguin, Middlesex, 1987.
- E. Sreedharan, *A Textbook on Historiography (500 BC – 2000 AD)*, Orient Longman, Hyderabad, 2004.
- B. Sheik Ali, *History: Its Theory and Method*, Macmillan, Madras, 1990.
- John C.B. Webster, *Studying History*, Macmillan, New Delhi, 1997.
- R.G. Collingwood, *The Idea of History*, OUP, London, 1973.
- S.K. Bajaj, *Recent Trends in Historiography*, Anmol Publications, New Delhi, 1998.

Course Outcomes:

After completion of the course, the students will be able to learn:

- CO-1 Definition, nature, scope and purpose of history.
- CO-2 Relation between the historian and his facts in writing history.
- CO-3 The inter-disciplinary approach in writing history.
- CO-4 Ideology and methodology of Imperialist and Nationalist historians.
- CO-5 Ideology and methodology of Marxist and Subaltern historians.

Certificates

S.No. _____ Reg. No. 202 /KCA/SDC/ _____

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Sufriya Sharma (19201821)
S/d/of _____ and Mrs. _____
having pursued the prescribed course in History & Historiography
in the Department of History has been placed in B⁺ grade.


Registrar / Head, Department of
Amritsar.....202


Director
Skill Development Centre


Principal

Value Added Course

Khalsa college Amritsar

PG DEPARTMENT OF MUSIC

2021-22

Is Organising

**Techniques of Harmonium with Western
and Indian Music System**



**For any Queries Contact
Prof. Rozi
8360814662**

ABOUT DEPARTMENT:

The Department of Music offers music (Vocal and Instrumental) as subject in degree classes and two year pg degree in vocal. From 2020 the department has also introduced skill development courses in Gurbani Sangeet and Instrumental Music. The department has well equipped practical labs with both modern and traditional instruments. The students are given sufficient exposure both at college level and university and national level competitions.

COURSE OBJECTIVE:

1. Student would gain practical knowledge of Harmonium.
2. Student would gain knowledge singing with Harmonium.
3. To develop creativity and learn Harmonium.
4. To train students to get self-employment.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. SBatra, (Mob: 94171 73669)
Director Skill Development Centre

Prof. Rozi (Mob: 8360814662)
PG Department of Music

NOTICE



Ph:0183-5015511

**P.G Department of Music
KHALSA COLLEGE, AMRITSAR**


Email: musickca1982@gmail.com

Ref.....

Dated..18.08.2021

NOTICE

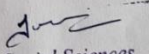
PG Department of Music is going to commence a value-added course "Techniques of Harmonium with Western and Indian Music System" for the students from August 26, 2021 for the session 2021-2022. The course will help the students in learning basics along with playing styles of harmonium. Interested Students can contact Prof Rozi (8360814662).


Head of the Department

LIST OF STUDENTS:

Khalsa College Amritsar
Value Added Course
Techniques of Harmonium with Western and Indian Music System
(Session 2021-22)

S. No	Name	Roll No	Class
1.	Riya	19201011	BA Sem-V
2.	Karanbir Singh	19201029	BA Sem-V
3.	Gagandeep Singh	19201051	BA Sem-V
4.	Paramjeet Singh	19201069	BA Sem-V
5.	Hushanpuneet Kaur	19201082	BA Sem-V
6.	Bikram Singh	19201090	BA Sem-V
7.	Arshpal Singh	19201113	BA Sem-V
8.	Rahul Bhatti	19201229	BA Sem-V
9.	Mamta	19201250	BA Sem-V
10.	Gursewak Singh	19201284	BA Sem-V
11.	Karanjeet Singh	19201371	BA Sem-V
12.	Lovepreet Singh	19201456	BA Sem-V

Dean. 
Arts & Social Sciences
Khalsa College, Amritsar

COURSE CONTENTS:

P.G. Department of Music SYLLABUS

VALUE ADDED COURSE

(Session: 2021-22)

TECHNIQUES OF HARMONIUM WITH WESTERN AND INDIAN MUSIC SYSTEM (THEORY)

Credit Hours-30
Max. Marks-50
Theory-25
Practical-25

Time-1Hour

Instructions for Paper Setter:

- I. Theory will consist 25 objective type questions. Each question carry 1 Mark.

Program Objective:

This course is committed to provide knowledge of Harmonium. It is an excellent instrument for beginners. It is easy to learn and progress on. After learning this musical instrument, the students can play various melodies on it.

It aims at providing knowledge to play chords on harmonium. It has academic and professional value which will economically help the students.

1. Harmony and melody.
2. What is Harmonium in light music.
3. Harmonium in classical music.
4. Brief history of Harmonium.
5. Types of Harmonium.
6. Importance of Harmonium as solo instrument and as accompanist.
7. Techniques of Harmonium.
8. Brief knowledge of any sushirvaad.

Program Specific Outcome:

- PO-1.** Students understand the basic techniques of Harmonium.
PO-2. The student is able to give a practical demonstration of Raagas, Songs and other melodies
PO-3. Students understand the difference of Indian and Western Music system.


PRACTICAL

Max. Marks-25

1. Ability to play Alankar in 10 thaat.
2. Practical demonstration of major minor chords and augmented chords.
3. Ability to play Harmonium from different scales.
4. Ability to play Harmonium with Tabla.
5. Playing of any folk dhun on Harmonium.
6. Playing of Geet, Gazal, Bhajan, patriotic song on Harmonium with proper style.
7. Ability to play major and minor chords in kehrwa and roopak taal.
8. Two cinematic song on Harmonium with chords.
9. Alankar in different Taal.

STUDENTS' CERTIFICATES:

S.No.08 Reg. No. 202 /KCA/SDC/ mu 008

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Rahul Bhatti

S/d of Shammi Kumar and Mrs. Gulshan

having pursued the prescribed course in Techniques of Harmonium with Western and Indian Music System

in the Department of Music has been placed in A+ grade.

[Signature]
Registrar / Head, Department of
Amritsar.....15..Nov..2021

[Signature]
Director
Skill Development Centre

[Signature]
Principal

S.No. 01 Reg. No. 202 /KCA/SDC/ mu 001

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Riya

S/d of Raj Kumar and Mrs. Balwinder Kaur

having pursued the prescribed course in Techniques of Harmonium with Western and Indian Music System

in the Department of Music has been placed in A+ grade.

[Signature]
Registrar / Head, Department of
Amritsar.....15..Nov..2021

[Signature]
Director
Skill Development Centre

[Signature]
Principal

VALUE ADDED COURSE
IN
DATA ANALYSIS USING EXCEL SPREADSHEET



SESSION 2021-22

P.G. DEPARTMENT OF PHYSICS

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The Post Graduate Department of Physics upholds the tradition of exploring new frontiers of knowledge and innovation in Physical Sciences. Established in 1928, it has the honour to be one of the oldest science departments of the region. The department houses well equipped and separate laboratories. The research facilities have been established in the areas of plasma physics, material science, thin film based sensing devices, glasses, radiation physics and theoretical physics. The Department has been conferred star status by UGC under College with potential for excellence and by DBT under star scheme. Department has own well stocked library with collection of more than 3000 books and many periodical research journals. The department involved in teaching physics to the following undergraduate and post graduate classes: (i) B.Sc. (Non-Medical) (ii) B.Sc. (Computer Science) (iii) B.Sc. (Hons.) Chemistry (iv) B.Sc. (Hons.) Mathematics (v) M.Sc. Physics (vi) M.Sc. Physics (Under the Honours Scheme).

COURSE OBJECTIVE:

The main objective of this course is to make students familiar with the Microsoft excel and its applications in different areas. It further aims to make them able to plot different types of graphs or charts with the help of excel.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669)
Director Skill Development Centre
Dean Sciences

Harvinder Kaur, (Mob: 98157 59428)
Head, P.G. Department of Physics &

NOTICE



Estd. 1892

DEPARTMENT OF PHYSICS KHALSA COLLEGE AMRITSAR

* AWARDED STATUS OF 'COLLEGE WITH POTENTIAL FOR EXCELLENCE' BY UGC *
* NAAC ACCREDITATION 'A' GRADE * ISO 9001-2000 * ISO 14001-1996 *

www.khalsacollegeamritsar.org

e-mail: principalkca@khalsacollegeamritsar.org

(O) : +91-183-6577719
+91-183-6577722
+91-183-2258097
Fax : +91-183-2255619

Ref. No. 9877/Phy

Dated 10-8-2021

NOTICE

The P.G. Department of Physics is going to commence a value-added course in "Data analysis using Excel Spreadsheet" for the students from August 16, 2021. The course will help the students to develop basic skills in Microsoft Excel and to analyze data with the help of it. Interested students can contact to Dr. Parminder Singh (M. No. 9914892280).


(Dr. Harvinder Kaur)
HOD

Copy to:

- All HoD's and Incharges of various departments for the information of students
- DAA
- Registrar/Deputy Registrar
- All Notice Boards
- File

COURSE CONTENTS

P.G. Department of Physics

SYLLABUS

DATA ANALYSIS USING EXCEL SPREADSHEET

VADA-2

Total Hours: 30

Time: 1 Hour

Maximum Marks: 50

Pass percentage: 35%

Instructions for the Paper Setters: The question paper will consist of 25 multiple choice questions of two marks each from whole syllabus.

Course Objectives: The main objective of this course is to make students familiar with the Microsoft excel and its applications in different areas. It further aims to make them able to plot different types of graphs or charts with the help of excel.

Course Content:

UNIT-I

Introduction to Microsoft Excel- Worksheet overview, History of excel, versions, importance, features and organization of worksheet. Application areas of spreadsheet, row, column and cell. Adding, resizing, copying and pasting of cells. Active cell, cell pointer and address, drag and drop, freeze panes, basic shortcut keys, undo and redo.

UNIT-II

Data analysis- Entering data, formulas, statistical functions, mathematical functions, converting formulas to values, create a chart or graph, different types of chart, Display a 3-D column chart, Chart toolbar, printing the graph, Enhancing the charts, gridlines, formatting text and numbers, color and patterns, modifying and deleting.

Books Prescribed:

1. Windows based computer courses: G. Singh and R. Singh - Kalyani publishers.
2. Introduction to computers: Peter Norton- Tata Mcgraw Hill.
3. Computer Fundamentals: P.K. Sinha and Priti Sinha- BPB publications.

Course Outcomes:

Course Outcomes	On completing the course, the students will be able to:
CO1	Know about the history and importance Microsoft excel.
CO2	Understand about the basics involved in spreadsheet.
CO3	Solve mathematical and statistical problems with excel.
CO4	Plot graphs and charts with the help of Microsoft excel.
CO5	Enhance the charts with toolbar and shortcut keys.




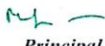




LIST OF STUDENTS

Sr. No.	Course Name	Roll No.	Student's Name
1	Data analysis using Excel Spreadsheet	19705001	Dilraj Singh
2	Data analysis using Excel Spreadsheet	19705002	Ajneesh garg
3	Data analysis using Excel Spreadsheet	19705003	Manreet Kaur
4	Data analysis using Excel Spreadsheet	19705005	Owais Nisar
5	Data analysis using Excel Spreadsheet	19705008	Tamanna
6	Data analysis using Excel Spreadsheet	19705009	Karanveer
7	Data analysis using Excel Spreadsheet	19705011	Ishwarpreet Singh
8	Data analysis using Excel Spreadsheet	19705013	Rajbir Singh
9	Data analysis using Excel Spreadsheet	19705015	Navdeep Kaur
10	Data analysis using Excel Spreadsheet	19705016	Sana
11	Data analysis using Excel Spreadsheet	19705017	Sukhpreet Kaur
12	Data analysis using Excel Spreadsheet	19705018	Pardeep Kaur
13	Data analysis using Excel Spreadsheet	19705019	Manjot Kaur

STUDENT'S ATTENDANCE:

		Value Added Course KHALSA COLLEGE AMRITSAR Data analysis using Excel August, Sep, Oct, 2021																					
		Class B.Sc. (Hons) Physics Sem-V																					
S. No.	Roll No.	Name	Attendance B.F.	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	Total	Remarks
				8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
1	19705001	Dilraj Singh		1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	A	16		
2	19705002	Ajneesh garg		1	2	3	4	5	6	7	A	8	9	10	11	12	13	A	14	15	16		
3	19705003	Manmeet Kaur		1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
4	19705005	Owais Nisar		1	2	A	3	4	5	6	7	8	9	A	10	11	12	13	14	15	A		
5	19705008	Tamanna		1	2	3	4	5	A	6	7	8	9	10	11	12	13	A	14	15	16		
6	19705009	Karambir		1	2	3	4	5	A	6	7	8	9	A	10	11	12	13	14	15	A		
7	19705011	Ishwarpreet Singh		1	A	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
8	19705013	Rajbir Singh		A	1	2	3	A	A	4	5	6	7	8	9	10	11	A	12	13	14		
9	19705015	Navdeep Kaur		1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	A	16		
10	19705016	Sana		1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17		
11	19705017	Sukhpreet Kaur		1	2	3	4	A	5	6	7	8	9	10	11	A	12	13	14	A	15		
12	19705018	Pandeep Kaur		1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16			
13	19705019	Manjot Kaur		1	A	2	3	4	A	5	6	7	8	9	10	A	11	12	13	14	15		

STUDENT'S CERTIFICATES:

S.No. 001	Reg. No. 202 /KCA/SDC/ Roll. No. 19705001	
	KHALSA COLLEGE AMRITSAR (An Autonomous College)	
KHALSA GLOBAL REACH		
SKILL DEVELOPMENT CENTRE		
<i>Certificate</i>		
This is to certify that Mr./Ms. <u>Dilraj Singh</u>		
S/d/of <u>Darinder Singh</u> and Mrs. <u>Kamaljeet Kaur</u>		
having pursued the prescribed course in <u>Data analysis using Excel Spreadsheet</u>		
in the Department of <u>Physics</u> has been placed in <u>A⁺</u> grade.		
 Registrar / Head, Department of Amritsar.....15.....12.....2021	 Director Skill Development Centre	 Principal
S.No. 002	Reg. No. 202 /KCA/SDC/ Roll. No. 19705002	
	KHALSA COLLEGE AMRITSAR (An Autonomous College)	
KHALSA GLOBAL REACH		
SKILL DEVELOPMENT CENTRE		
<i>Certificate</i>		
This is to certify that Mr./Ms. <u>Ajneesh garg</u>		
S/d/of <u>Sanjeev kumar garg</u> and Mrs. <u>Shelly garg</u>		
having pursued the prescribed course in <u>Data analysis using Excel Spreadsheet</u>		
in the Department of <u>Physics</u> has been placed in <u>A</u> grade.		
 Registrar / Head, Department of Amritsar.....15.....12.....2021	 Director Skill Development Centre	 Principal

VALUE ADDED COURSE
IN
FUNDAMENTALS OF CRO



SESSION 2021-22

P.G. DEPARTMENT OF PHYSICS

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

ABOUT DEPARTMENT:

The Post Graduate Department of Physics upholds the tradition of exploring new frontiers of knowledge and innovation in Physical Sciences. Established in 1928, it has the honour to be one of the oldest science departments of the region. The department houses well equipped and separate laboratories. The research facilities have been established in the areas of plasma physics, material science, thin film based sensing devices, glasses, radiation physics and theoretical physics. The Department has been conferred star status by UGC under College with potential for excellence and by DBT under star scheme. Department has own well stocked library with collection of more than 3000 books and many periodical research journals. The department involved in teaching physics to the following undergraduate and post graduate classes: (i) B.Sc. (Non-Medical) (ii) B.Sc. (Computer Science) (iii) B.Sc. (Hons.) Chemistry (iv) B.Sc. (Hons.) Mathematics (v) M.Sc. Physics (vi) M.Sc. Physics (Under the Honours Scheme).

COURSE OBJECTIVE:

The aim of this course is to make the students aware about the basics of CRO & Its uses. The students will learn about the specifications and panel controls of CRO, working of CRO and its applications in measuring voltage, frequency and Lissajous patterns.

ELIGIBILITY FOR ADMISSION:

Regular college students can join.

DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

Dr. M. S Batra, (Mob: 94171 73669)
Director Skill Development Centre

Harvinder Kaur, (Mob: 98157 59428)
Head, P.G. Department of Physics &
Dean Sciences

ANNOUNCEMENT NOTICE:



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DEPARTMENT OF PHYSICS KHALSA COLLEGE AMRITSAR

* AWARDED STATUS OF 'COLLEGE WITH POTENTIAL FOR EXCELLENCE' BY UGC *
* NAAC ACCREDITATION 'A' GRADE * ISO 9001-2000 * ISO 14001-1996 *

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Fax: +91-183-2255619

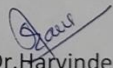
Ref. No. 9927/Physics

Dated 24-1-2022

NOTICE

The P.G. Department of Physics is going to commence a value-added course in 'Fundamentals of CRO' for the students from January 28, 2022. The course will help the students to develop basic skills in CRO, its working and applications.

Interested students can contact to Dr. Joga Singh (M. No.9463563930).


(Dr. Harvinder Kaur)

Head

Copy to:

- All HoD's and Incharges of various departments for the Information of students
- DAA
- Register/Deputy Register
- All Notice Boards
- File

LIST OF STUDENTS:

S.No.	Course Name	Roll No.	Student's Name
1	Fundamentals of CRO	20705002	Sucha Singh
2	Fundamentals of CRO	20705003	Jyoti rani
3	Fundamentals of CRO	20705005	Rupinder kaur
4	Fundamentals of CRO	20705007	Amanjeet Singh
5	Fundamentals of CRO	20705010	Mansi
6	Fundamentals of CRO	20705011	Nandni
7	Fundamentals of CRO	20705016	Simranjeet Kaur
8	Fundamentals of CRO	20705017	Jashandeep Kaur
9	Fundamentals of CRO	20705020	Amanat Kaur

COURSE CONTENTS:

FUNDAMENTALS OF CRO (CATHODE RAY OSCILLOSCOPE) VAFC-1

Total Hours: 30

Maximum Marks: 50

Pass Marks: 35 %

Instructions: Question paper will consist of 25 Multiple Choice Questions (MCQs) of 2 marks each covering the whole syllabus. The candidate will have to attempt all the questions.

Course Objective: The aim of this course is to make the students aware about the basics of CRO & Its uses. The students will learn about the specifications and panel controls of CRO, working of CRO and its applications in measuring voltage, frequency and Lissajous patterns.

Course Content:

Unit-I

-Introduction of Cathode Ray Oscilloscope (CRO), Constitution of CRO, Construction and working of Cathode Ray Tube (CRT), Electron Gun, Focusing, Deflection System, Deflection Sensitivity, Fluorescent Screen.

-CRT Phosphor Materials and Characteristics, Block diagram description of a basic CRO, Time Base Generators or Sweep voltage.

-Applications of CRO: Measurement of Voltage, Current & Frequency, Lissajous patterns.

Unit-II

-Front Panel Controls of CRO, Specifications of CRO and their explanation using working Model.

-Waveform Monitoring using CRO.

-Measurement of Amplitude, Voltage, Frequency and Period of an AC Supply, Voltage of DC supply.

-Measurement of Deflection Sensitivity (X & Y).

-Comparison of the frequencies of oscillations produced by two audio oscillators using the Lissajous figures on CRO.

Books Prescribed:

1. Basics Electronics and Linear Circuits by NN Bhargava, DC Kulshreshtha and SC Gupta. Technical Teachers Training Institute Chandigarh. Tata McGraw-Hill Publications.
2. Practical Physics by CL Arora. S. Chand Publications.
3. Electrical and Electronic measurements and Instrumentation by A.K.Sawhney. Dhanpat Rai & Sons Publications.
4. Electrical Circuits and Basic semiconductor electronics by JP Agarwal and Amit Agarwal. Pragati Publications.

Course Outcomes:

Sr. No.	On completing the course, the students will be able to:
CO1	Learn about the different specifications of CRO.
CO2	Monitor the waveform using CRO.
CO3	Measure voltage, frequency and phase on a variety of displayed waveforms.
CO4	Learn about CRT Phosphor Materials and Characteristics.

STUDENTS' CERTIFICATES:

S.No. 01 20705002
Reg. No. 202 /KCA/SDC/

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)
KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE
Certificate

This is to certify that Mr./Ms. SUCHA SINGH
S/d/of S. GURMEET SINGH and Mrs. VARINDER KAUR
having pursued the prescribed course in Fundamentals of CRO
in the Department of Physics has been placed in A grade.


Registrar / Head, Department of
Amritsar.....MAY.....2022


Director
Skill Development Centre


Principal

S.No. 02

20705003
Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE


Certificate


This is to certify that Mr./Ms. JYOTI RANI

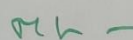
S/d/of Sh. PARVEEN KUMAR and Mrs. NEELAM RANI

having pursued the prescribed course in Fundamentals of CRO

in the Department of Physics has been placed in A grade.


Registrar / Head, Department of
Amritsar.....MAY.....2022


Director
Skill Development Centre


Principal

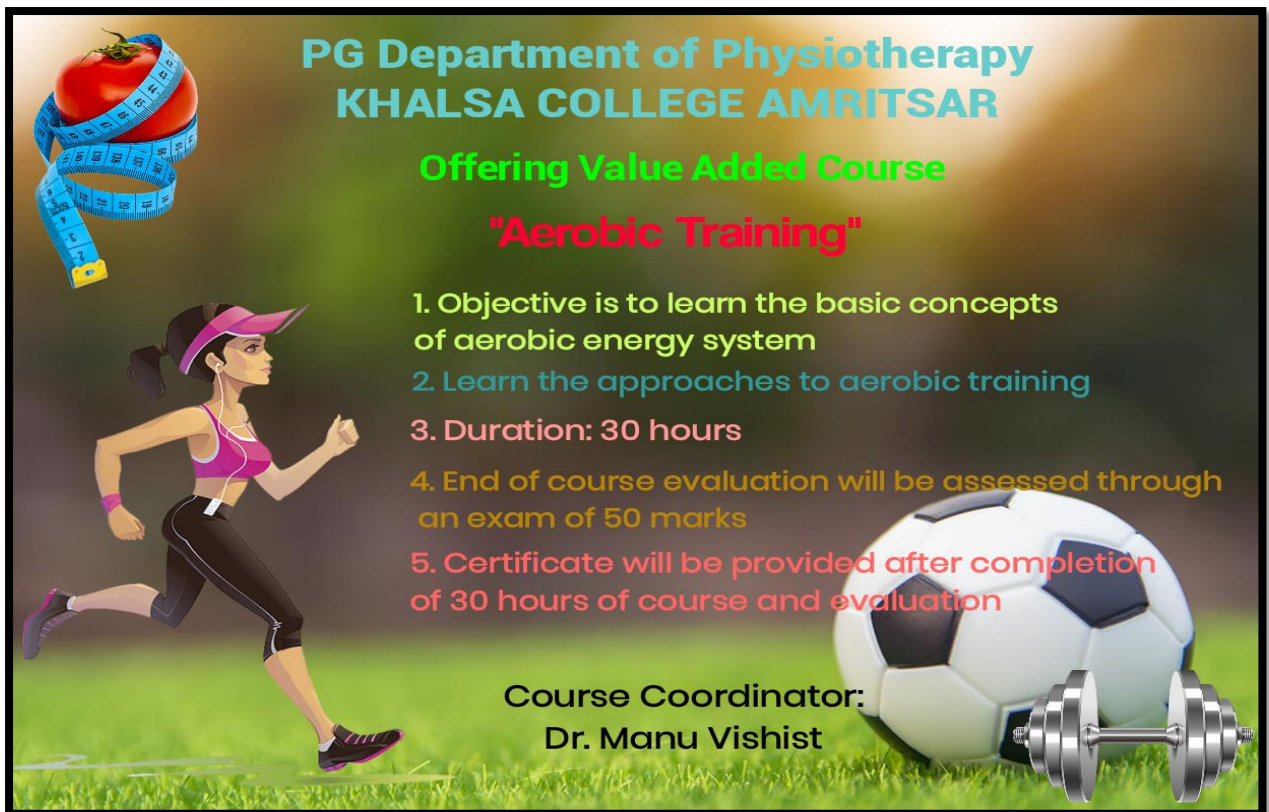
VALUE ADDED COURSE

SESSION 2021-2022

Value added courses are short term courses which deliver content outside the university curriculum. In order to prepare students to meet the healthcare industry demands and aptitudes, to develop interests, to foster quality learning, and to enhance personal growth, value added courses are important. As university curriculum has limitations to cover all areas for student learning, supplementation of the syllabus with such courses is essential for holistic development of students. Such short-term courses help students stand apart from the rest in the job market by adding further value to their resume. These courses add value to students learning and help them to develop skills/ employability. Such courses foster the overall growth of the students.

Enrollment for these short term “Value Added Courses” (30 hours’ duration) is voluntary in nature and free of cost (some courses which are accredited by external agencies may be available on chargeable basis). Therefore, all students are requested to enroll for “Value Added Courses (VAC)” as per their choice for enhancing their skills & knowledge.

Eligibility: Regular College Students can join.



**PG Department of Physiotherapy
KHALSA COLLEGE AMRITSAR**

**Offering Value Added Course
"Aerobic Training"**

1. Objective is to learn the basic concepts of aerobic energy system
2. Learn the approaches to aerobic training
3. Duration: 30 hours
4. End of course evaluation will be assessed through an exam of 50 marks
5. Certificate will be provided after completion of 30 hours of course and evaluation

**Course Coordinator:
Dr. Manu Vishist**



Estd. 1892

DEPARTMENT OF PHYSIOTHERAPY
KHALSA COLLEGE, AMRITSAR

(O) : 0183-5577722
0183-2258097
(D) : 0183-5577720
Fax : +91-183-2255619

Ref. No. KCA-PT-441/A

Dated 27-09-2021

Notice

The P.G. Department of Physiotherapy is going to commence a Value Added Course in “**Aerobic Training**” for the undergraduate and post graduate students. The course will start from **4th October, 2021**. Total duration of the course will be 30 hours. The course will help in learning and understanding the basic concepts of aerobic energy system and its influences.

Interested students can contact Dr. Manu Vishist, Head Department of Physiotherapy.

(Dr. Manu Vishist)

Head

Department of Physiotherapy

Head of Department
Physiotherapy
Khalsa College, Amritsar.

LIST OF STUDENTS ENROLLED IN THE COURSE: Aerobic Training

S. No.	Students Name	Roll No.
1.	Kulwant Kaur	20611001
2.	Jobandeep Singh	20611002
3.	Ravneet Kaur	20611004
4.	Chitvanjeet Kaur	20611005
5.	Vanya Seth	20611006
6.	Neeraj Sharma	17601032
7.	Ramandeep Kaur	17601040
8.	Harmeet Kaur	18601001
9.	Harpreet Kaur	18601002
10.	Anmolpreet Kaur	18601003
11.	Ramandeep Kaur	18601004
12.	Deeksha Bindra	18601005
13.	Aashmita Uppal	18601006
14.	Mehakjot Kaur	18601009
15.	Vanshika	18601013
16.	Rabia Shingari	18601015
17.	Anvi	18601017
18.	Bhawarpreet Singh	18601018
19.	Muskaan Arora	18601019
20.	Arpandeep Kaur	18601020
21.	Prabhjot Kaur	18601021
22.	Arshdeep Kaur	18601022
23.	Vishali Kalhan	18601023
24.	Hubtul Aala	18601026
25.	Kirpal Singh	18601027
26.	Amandeep Kaur	18601034
27.	Balraj Singh	18601039
28.	Jasmeen Kaur	18601041
29.	BKP Rajlakshmi	18601057

**Syllabus
Value Added Course
(VAC-PTY07): Aerobic Training**

**Total Teaching Hours: 30
M. Marks: 50
Theory: 25, Practical: 25**

Time: 1 hour

Instructions of Paper Setters:

The question paper will consist of 25 multiple choice questions of one mark each to be set from the whole syllabus. The practical paper will be of 25 marks separately.

Course Objectives:

- To develop insight into various values that necessarily help one in professional development.
- To gain knowledge and skills that would help the student understand the core course in a more efficient way.

Course Contents:

- Concepts of aerobic training and its benefits
- Heart rate training zone concepts
- Aerobic training tempo to applied aerobic energy systems
- Physiological responses to aerobic training and types of aerobic training

Course Outcomes: By the end of the programme, the student will be able to:

CO-1	Learning about the basic concepts of aerobic energy system and its influences
CO-2	Learning the approaches to aerobic training

Attendance

KHALSA COLLEGE AMRITSAR																				
Session 2021-2022																				
2 Lectures per day 40 min / lecture Class Value added course <u>Aerobic Training</u> Oct. 20 21																				
S. No.	Roll No.	Name	Attendance	B	L														Total	Remarks
		(MPT)																		
1	20611001	Kulwant Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2	20611002	Tobandup Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3	20611004	Rasmit Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
4	20611005	Chitranjeet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
5	20611006	Vanya Seth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		(APT. 1st year)																		
6	17661031	Neeraj Sharma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
7	17661040	Ramandup Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
8	18601001	Harvreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
9	18601002	Harpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
10	03	Anmolpreet Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
11	04	Ramandup Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
12	05	Deeksha Bindra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
13	06	Anshika Nihal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
14	08	Maharaj Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
15	13	Vanshika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
16	15	Babli Shingari	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
17	17	Arvi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
18	18	Bhuvanpreet S.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	19	Nurkhan Anora	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
20	20	Anpandup Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
21	21	Prabhjot Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
22	22	Anshdeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
23	23	Vishali Kalkhan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
24	26	Huktil Aala	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
25	27	Kirpal Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
26	34	Amandeep Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
27	39	Balraj Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
28	41	Jasleen Kaur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
29	57	BKp Rajlakhani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Certificates

S.No. 01 Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./Ms. Arpandeep Kaur

S/d/of S. Balwinder Singh and Mrs. Rajneinder Kaur

having pursued the prescribed course in Aerobic Training (Value Added Course)

in the Department of Physiotherapy has been placed in A grade.

Naru Vichitra
Registrar / Head, Department of
Amritsar...November.....2021

Shikha
Director
Skill Development Centre

MK
Principal

S.No. 02

Reg. No. 202 /KCA/SDC/



KHALSA COLLEGE AMRITSAR

(An Autonomous College)

KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE


Certificate

This is to certify that Mr./Ms. Harpreet Kaur

S/d/of S. Daljit Singh and Mrs. Gurmej Kaur

having pursued the prescribed course in Aerobic Training (Value Added Course)

in the Department of Physiotherapy has been placed in A - grade.


Registrar / Head, Department of
Amritsar.....~~November~~.....2021


Director
Skill Development Centre


Principal

Khalsa College Amritsar
Post Graduate Department of Zoology

is going to commence

Value Added Course

in

Vermicomposting

(from January 2022)



Vermicomposting is a cost effective technology in management of solid waste. Vermicompost (also called black gold) can be used as a supplement in both agriculture fields and kitchen gardens. Through this technology students can start their own business or industry, generate money and give other people a source of income.

The students of Undergraduate (Sem IV) and Postgraduate (Sem II) classes can opt for this course. Interested candidates can contact the undersigned.

Dr. Jaswinder Singh
Course Coordinator
Contact: +91-9814072549

Dr. Jasjit Kaur Randhawa
Head
Contact: +91-9872011162



LSFD: 1892

Ph (O): +91-7355542726
: 0183-5071726

P. G. DEPARTMENT OF ZOOLOGY KHALSA COLLEGE, AMRITSAR.

E-mail : headzoologykca@rediffmail.com

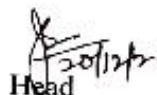
Web : www.khalsacollegeamritsar.com

Ref. No. ZD/830

Dated 20-12-21

Notice

P.G. Department of Zoology is going to commence Value-added course in "Vermicomposting" for both undergraduate and post-graduate students from 17th January, 2022. This course will provide hands on training to the student's for the production of vermicompost and small scale domestic level. Interested students may contact Dr. Jaswinder Singh, P.G. Department of Zoology (Contact No.9814072549).


Head

Dr. Jasjit Kaur Randhawa

Copy to:

- All HoD's and Incharges of Various department for the information of Students
- DAA
- Registrar/Deputy Registrar
- All Notice Boards
- Superintendent/File

PG Department of Zoology
Value Added Course
Course code: ZooV-101
COURSE TITLE: Vermicomposting

Duration of course: 30 hours
Examination Time: 1hour
Total Marks: 50
Theory: 25
Practical: 25

Note: Attempt 25 question in all. Each question carries one mark.


- Brief Introduction of Earthworm and Vermicomposting
- Earthworm species used in vermiculture/vermicomposting, Features of selection
- Enemies of earthworm
- Earthworm and soil fertility
- Factors affecting vermicomposting
- Methods of vermicomposting and its procedure: small scale and large scale, Precautions
- Vermicompost versus Farmyard Manure
- Composting vs Vermicomposting
- Advantage of vermicompost
- Application in pharmaceutical Industry
- Application in Agriculture

Practical

- Study of Earthworm, identification, types and its morphology (*Eisenia fetida* and *Metaphire posthuma*)
- Physico-chemical analysis of vermicompost (pH, EC, N, P, K, OC)
- Vermicomposting procedure
- Types of organic waste used in vermicomposting.


**List of Students opted Value added course in Vermicomposting
M.Sc Sem II Zoology
Session 2021-22**

S.No.	Name of the Student	Roll No.	Father's Name	Mother's Name	Signature
1.	Nidhi Panhotra	21716001	Tej Ram Panhotra	Pinky Devi	Nidhi
2.	Heena Gupta	21716002	Gurudutt Mahajan	Shukla Gupta	Heena Gupta
3.	Rupinderjeet Kaur	21716007	Kuldip Singh	Palwinder Kaur	Rupinderjeet Kaur
4.	Loveleen Kour	21716010	Balvinder Singh	Davinder Kour	Loveleen Kour
5.	Shikha Pathania	21716013	Ravinder Pathania	Arti Pathania	Shikha Pathania
6.	Gaganpreet Kaur	21716014	Jaswant Singh	Kashmir Kaur	Gaganpreet Kaur
7.	Maninderjit Kaur	21716015	Sukhdev Singh	Ravinder Kaur	Maninderjit Kaur
8.	Mandeep Kaur	21716016	Harinder Mohan Singh	Sarabjot Kaur	Mandeep Kaur
9.	Ravneet Kaur	21716017	Bikramjit Singh	Bhupinder Kaur	Ravneet Kaur
10.	Alisha Thakur	21716019	Ranjeet Singh	Indu	Alisha Thakur
11.	Kanavpreet Kaur	21716020	Gurmej Singh	Palwinder Kaur	Kanavpreet Kaur
12.	Sakshi	21716021	Janak Raj	Veena Devi	Sakshi
13.	Charu Guleria	21716022	Shamsher Singh	Manju Bala	Charu Guleria
14.	Kirandeep Kaur	21716024	Dalwinder Singh	Kanwaljit Kaur	Kirandeep Kaur
15.	Meghna Rana	21716025	Om Parkash	Suman Rana	Meghna Rana
16.	Simran Kaur	21716027	Rajinder Singh	Sukhwinder Kaur	Simran Kaur
17.	Azia Koser	21716029	Mohd Jabir Khan	Koser Begum	Azia Koser
18.	Sanjogdeep Kaur	21716031	Inderpal Singh	Livleen Kaur	Sanjogdeep Kaur


Course Coordinator
Dr. Jaswinder Singh


Head
Dr. Jasjit Kaur Randhawa

S.No. 1 Reg. No. 2021/KCA/SDC/Zoo-01

 **KHALSA COLLEGE AMRITSAR**
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KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate


This is to certify that Mr./[✓]Ms. Nidhi Panhotia
S/d/of Mr. Tej Ram Panhotia and Mrs. Pinky Devi
having pursued the prescribed course in Vermicomposting (Value Added)
in the Department of Zoology has been placed in _____ grade.

Jam
Registrar / Head, Department of Zoology
Amritsar.....2021-22

Chakr
Director
Skill Development Centre

M L
Principal

S.No.17 Reg. No. 2021/KCA/SDC/Zoo-17

 **KHALSA COLLEGE AMRITSAR**
(An Autonomous College)
KHALSA GLOBAL REACH

SKILL DEVELOPMENT CENTRE

Certificate

This is to certify that Mr./[✓]Ms. Azia Koser
S/d/of Mr. Mohd Jabir Khan and Mrs. Koser Begum
having pursued the prescribed course in Vermicomposting (Value Added)
in the Department of Zoology has been placed in _____ grade.

Jam
Registrar / Head, Department of Zoology
Amritsar.....2021- 22

Chakr
Director
Skill Development Centre

M L
Principal