

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



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

DR. AMRITBIR RIAR Deputy Leader & Sr. Scientist

Department of International Cooperation

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 Advancesment, 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

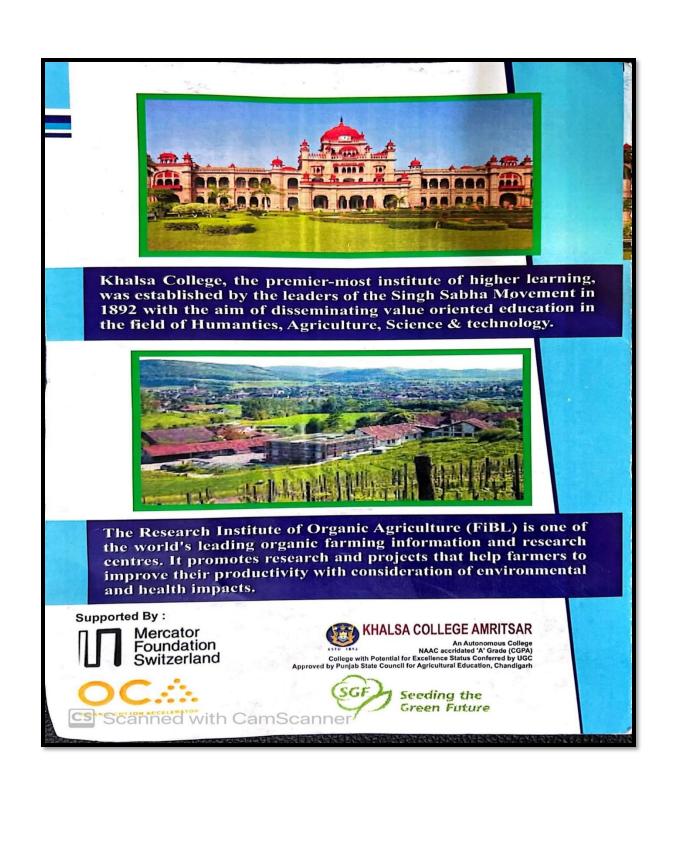
Organizing Committee -

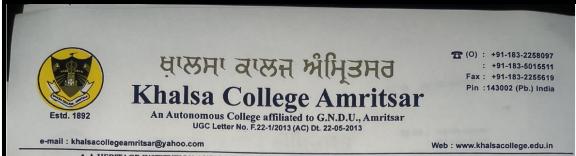
Dr. Sukhdev Singh Dr. Rakesh Sharma Dr. Kanwaljit Singh Dr. Lavleen Kaur Dr. Amarjit Kaur Dr. Veerpartap Singh Prof. Navjot Singh Prof. Priyanka Prof. Gurkirat Singh Prof. Sarabjit Singh Dr. Gagandeep Singh Prof. Gurleen Kaur Prof. Maninder Singh Dr. Vipasha Negi Prof. Mandeep Kaur Prof. Samreet Kaur Prof. Gurleen Kaur Prof. Navdeep Kaur

SEMINAR PROGRAMME

14:00 - 14:15 14:15 - 14:30	Welcome and seminar background Introductory remarks	Dr. Gurbax Singh
14:15 - 14:30	Introductory remarks	D. Mahal Singh
		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
17:00 - 18:00	Visit to college facilities	Prof. Satnam Singh

<image><text>





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. 2014/100 Dated 12/5/ Alin2 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 lead 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.

handeep fam (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. <u>11.05.2022</u>

Sr. No.	Name	Designation	Institution From	Contact No	Signature
1.	Arsteep Sigh	Student MSC Agninomy	k L A	84371-41606	Assdage So
g.	Anmolinder Srigh	BS c Agai	KCA	82644-5735	And's
3	Has preit-Sinf	Bacoga	2 1	771050167	H.
4	dorepocit	Bacago	KCA	826429323	"rochaet
5	Guwindes	13x, Cg2	KCA	872703659	gunviulet Sto
6	Ramand cop Singh	B-sc Agri	KCA	9815890288	Romandort isroph
7.	Manmet Sinsh	Mc. Agro	12010	84379-06872	
8	Nebspeet Sign	Noe Agri	KeA	928093688	Nelse
9.	Remanpreet Sigh.	BSC Agri	KCA.	97804-10423	ful
10	Akas bdeep singh	BJMC	KCA	987865042	y AC

Registration Forms

International Seminar on Advancing Sustainable Agricultural Systems: What Kind of Research Partnerships are Needed? <u>11.05.2022</u>

Sr. No.	Name	Designation	Institution From	Contact No	Signature
1.	Kirconprect tour	Student M. Sc. Agri, Agro (SemII)	Khalsa College, Anvitsar		s tiranfreet
2	Jasmandeep Singh	Student Mise Agri Ngro (Sem D)	Justicujez Li	97812-23149	Jasman deep Singh
3	Shamsher singh w	u uji	druden a	62837-10804	
4.	Rayet Kaus	Student Misc Agri Agro Sem-TV	"	73474-96093	Roy of fam
5-	Parminder kan	Student HSC Agri Agro TUSEM	11	90231-47526	
6 -	Akarshdeep kasur	Student M.S.C. Ag. Soil Science TV.	11	9872543912	
	Abstdeep Singh Third	Student Bsc Agri'. Sem TV	ti	7973848576	Akshdus
8.√	Anuragdeep Singh Randbawa	Student BSC Agri SemTV	N /	75083 84002	Anuras Singh
7	Raghav Goyal	Student BScrigei Sem II		96600 6820	Paghou
0	kuldeep Singh	Bludent B.S. (Agri Bem IV	11	77812-53994	kuldeep

Registration Forms

International Seminar on Advancing Sustainable Agricultural Systems: What Kind of Research Partnerships are Needed. <u>11.05.2022</u>

	Sr. No.	Name	Designation	Institution From	Contact No	Signature
7	11	Shivraj Singh Raghuwanshi	Cotton Breeder	Pratiska Syntep Ltd. Brodore (M.P.)	934 <i>0116149</i> 9685630520	Offe
3	12	Deepak Mangerh	Profram Offices	Fi BL, Dudia	8431082793	
	13.	Dr Surbhi Bansol	Asst frof	Khalse Coelige, AMR	7837572730	
	14,	Parth Sharma	Student	Khalsa College Amerikan	88476 6863	
	15	Manpreet Singh	Student	Khalsa Callege Amritsar	9459676623	tot
	16	Harkviat Singh	Student	Khalsa college Amritser	62847-14269	Karkurar Sizh
	17	Dr CS Aulakh	Principal Agronomist	PAU Ludhian	988835004	Spulaken
	18.	Dr. AmandeepSichn	Agronomist			T
	19	Dr. Jachanjor Kaw	Agsonomist	PAN Lendhiaz	-7009326307	offor-

	International Seminar on Advancing Sustainable Agricultural Systems: What Kind of Research Partnerships are Needed. <u>11.05.2022</u>					
Sr. No.		Name	Designation	Institution From	Contact No	Signature
1.	F	Ranjeet kaur	AP	Global Institutus	98145-50 452	Plan
2.		Manjit Kaun	Student	Khalsa College	98148-90880	Ofan
3.	e	Mandeep Kour	AP	Chobae Institutus	8194972022	Clan
y	•	Pawanpreet Kaun	Student	Khalsa college	99148-6252	Burgh
5		Mandeep Kawn	studient	khalsa College	6280054768	A.
G) .	Anjara Thatur	Student	khalsa College	798665463)	Anjana .
F	F.	Diksha	Student	Khalsa College	708757888	Dilghe,
8	3	Alka Saini	Student	thalsa College	8699020963	-
C	7.	Navdeep Kaun	Student	Khals a college	628363318	Noucleef
t	0.			Khalka	628 356410	- Phalitys/

Institution contact signation, Designation se. Name No. No. Form Asshpreet Kaur 1. Agriculture Department student 7710510787 Ashpredle Jaspreet Kaur 2. Student Department 8847038044 Agri Deptt. 84371-4137 Agriculture Jaspreet Satinder Singh Student 3. Saturday 84371-41371 student Haziet singh 4, Rgoi Rept. 84878-70197 Student ngli departm. Parteels Nabh allet 9814931551 5 Annolycet Hour Student 842770000374 6. RICA 7888340306 (20 Agri . Dept. student Robert. 7 Agui Dept 9023500088 Student Parashpreet Kaur 8. 7009840183/ Agu deft Student 9 Netish Agzidet Student 75290-34767 Framba Robinseep 0

- 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

Dated 16 - 11 - 2021

/BT

Ref. No.

REPORT OF ACTIVITY

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

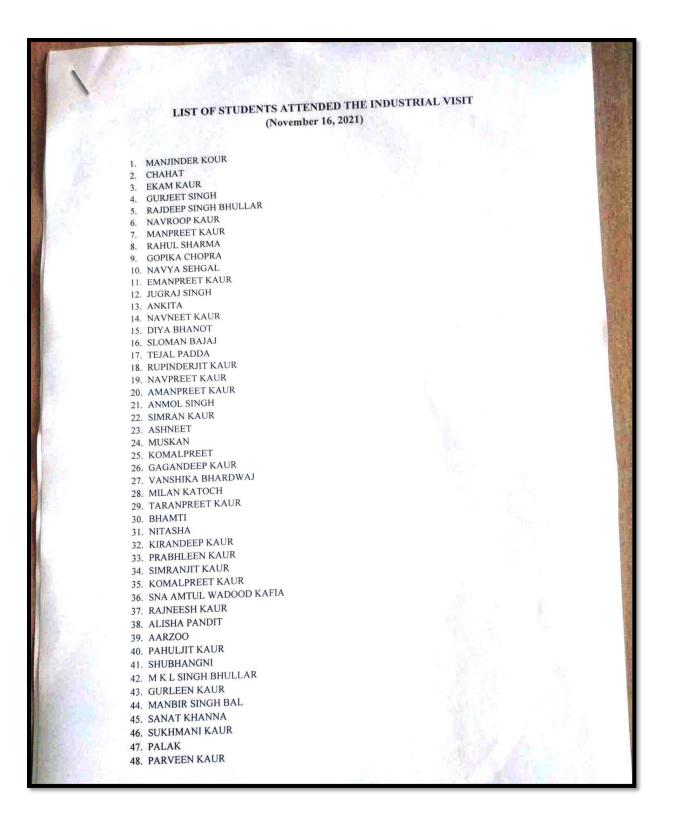
DATE AND YEAR: November 16, 2021 NO. OF STUDENTS VISITED: 67

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)



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 HOD: When the the termination of te (yr

- 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

SCHEDULE OF EVENTS

Bio-Display & Bio-Post

Exhibition open for public

Prize Distribution and Valedictory

Coordinator

Dr. Kamalliit Kaur

Bio-Script

Talk a poem

BT-Garden

Bio-Art

Lunch Cultural program

Spot registration & distribution of team numbers for

Patron Sardar Rajinder Mohan Singh Chinna ji

(Head) P.G Deptt. of Biotechnology Khalsa College Amritsar

Dr. Payal Kapoor

(Hon. Secretary) Khalsa College Charitable Society, Amritsar

6th April: 09:00-10:00 am

10:00-11:00 am 11:00-12:00 pm 12:00-01:00 pm 02:00 -03:00 pm

7th April: 09:00-10:30 am

09:00-10:30 am 10:30-11:00 am 11:00-12:00 pm *Ms. Jahnabee Devi, Clinical Business Manager, Nestle India*

12:00 pm 01:00-02:00 pm 02:00-03:00 pm 03:00-04:00 pm

Chief Patron

Sardar Satyajit Singh Majithia ji (President) Khalsa College Charitable Society, Amritsar Chief Coordinator Dr. Mehal Singh

(Principal) Khalsa College Amritsar

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

 Organizing Committee

 Dr. Balwinder Singh
 Dr. Jaspreet Singh
 D

 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

SCIENCE FESTIVAL Excelcia 2022

GUEST LECTURE ON Breaking the Glass Ceiling -Opportunities in Biotechnology

DATE : 6[™]-7[™] APRIL 2022

VENUE : AUDITORIUM P.G. DEPARTMENT OF BIOTECHNOLOGY



ORGANIZED BY: POST GRADUATE DEPARTMENT OF BIOTECHNOLOGY KHALSA COLLEGE, AMRITSAR-143005



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-	2072

REPORT OF ACTIVITY:

NAME OF ACTIVITY: Science festival Excelia 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 Bioscript, 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.

Or Ope

KHALSA COI	LEGE 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) BL.
	Dr. Mukesh Chander 🔗
	Dr. Jaspreet Singh
	Dr. Amanpreet Kaur Virk Amanfreet kawl vik
	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 Manguil
Stage handling/sound system	Dr. Mukesh Chander (Convener)
and Multimedia Committee	Dr. Amanpreet Kaur Sidhu
	Dr. Madhvi Sharma Milain T
	M.Sc. IV :Lovepreet, Samson
	B.Sc. VI: Vanshika, Alisha, Komal Preet, Sanat
	B.Sc. IV: Chahat, Gopika, Rajdeep Singh
G to the Operation of the second	S. Sharanjot Singh Dr. Balwinder Singh (Convener)
Catering/Refreshment Committee	Dr. Jaspreet Singh
Committee	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
Purchase Committee	Dr. Harmanpreet Kaur Gill (Convener) Haumanpreel .
(Bouquet/Memento/Certificates	Dr. Madhvi Sharma Mishamia
/Banners)	Dr. Amanpreet Kaur Virk Amangreet Kaue Vick B.Sc. IV: Ekam, Navneet, Simran
	B.Sc. VI: Kirandeep, Taranpreet, Simranjeet Kaur
	B.Sc. II: Harleen, Akanksha
	S. Baldev Singh, Mr. Mirja Lal
Reception / Registration /	Prof. Harmanpreet Kaur Gill (Convener) floument at
Certificate preparation Committee	Dr. Payal Kapoor 14
Committee	Dr. Amanpreet Kaur Virk Ameryccet Kaur Virk M.Sc. II: Karamjeet, Hitasha
	B.Sc. VI: Palak, Komalpreet Kaur, Anshu, Parminder
	B.Sc. IV: Navneet, Simran
L	Mr. Mirza Lal, Ms. Manpreet Kaur Man Inter

Discipline Committee	Dr. Payal Kapoor (Convener) Ph-
Discipline Committee	Dr. Amanpreet Kaur Virk Amanpreet kaur Vik
	Dr. Amanpreet Raut vite annungte
	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
6	
	Dr. Amanpreet Kaur Sidhu (Convener) J. Jun. Dr. Madhvi Sharma Wyowwy Dr. Amanpreet Kaur Virk Amanpreet Kaur Virk Dr. Amanpreet Kaur Virk
Stage Set up/ Decoration	Dr. Allahai Sharma Wharma
Committee	Dr. Madnyi Sharma Wink Angenerit Roug Vuk
	Dr. Amanpreet Kaur virk Amarput
	M.Sc. II: Gagandeep, Komi Bala, Deep
	B.Sc. VI: Taranpreet, Kirandeep, Gurleen Kaur
	B.Sc. VI: Taranpreet, Kırandeep, Gurieen Kaul B.Sc. IV: Anmol, Sloman, Tejal, Rahul, Mr. Mirja Lal, Mr. Rohit Kumar, Ms. Manpreet Kaur
L Contraction of the second	Mr. Mirja Lal, Mr. Rohit Kumar, Ms. Manpreet Kaur
	Dr. Mukesh Chander
Press Note	
	Mal - La
-	(Dr. Mehal Singh)
	Principal
	B

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,	Bio – Scripts	S. Sharanjot Singh
	Dr. Harmanpreet Kaur Gill	Date: 6th April 2022	Mr. Amit Kumar And
	Hours Hours freed	Time: 10:00 – 11:00 pm	
2.	Dr. Madhvi Sharma, Mcharma	Talk a Poem	Mr. Rohit Kumar
	Dr. Payal Kapoor Ph.	Date: 6th April 2022	Ms. Manpreet Kaug
	14	Time: 11:00 – 12:00 pm	Mayburne
3.	Dr. Jaspreet Singh,	Bio – Art	S. Baldev Singh, BSra
	Dr.Amanpreet Kaur Virk	Date: 6th April 2022	Ms Manpreet Kaur
	Amangreet kaur visk	Time: 12:00 – 01:00 pm	Manpretoko
4.	Dr. Amanpreet Kaur Virk,	BT – Garden	Mr. Mirza Lal
	Dr. Harmanpreet Kaur Gill	Date: 6th April 2022	S. Sharanjot Singh
	Harmanpsel.	Time: 02:00 – 03:00 pm	
	Amanpreet kave vilk		
5.	Dr. Balwinder Singh, Sur	Bio – Display	Mr. Mirza Lal
	Dr. Payal Kapoor	Date: 7th April 2022	Mr. Amit Kumar 🕰
	12	Time: 12:00 pm onwards	
6.	Dr. Mukesh Chander, AL	Bio – Post	S. Sharanjot Singh
075050	Dr. Harmanpreet Kaur Gill	Date: 7th April 2022	Mr. Rohit Kumar
	Hormanhra.	Time: 12:00 pm onwards	





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)



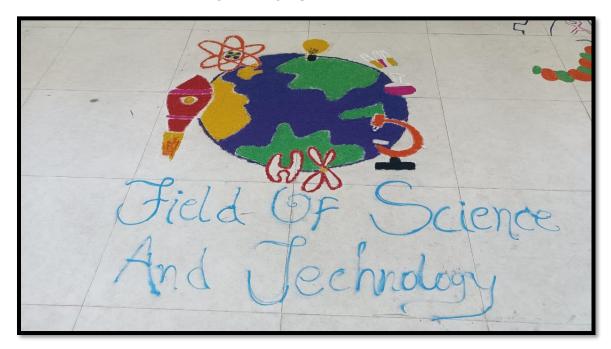
Students presenting their models in "Excelcia -2022" on 6th – 7 th April, 2022 (06-04-2022)



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

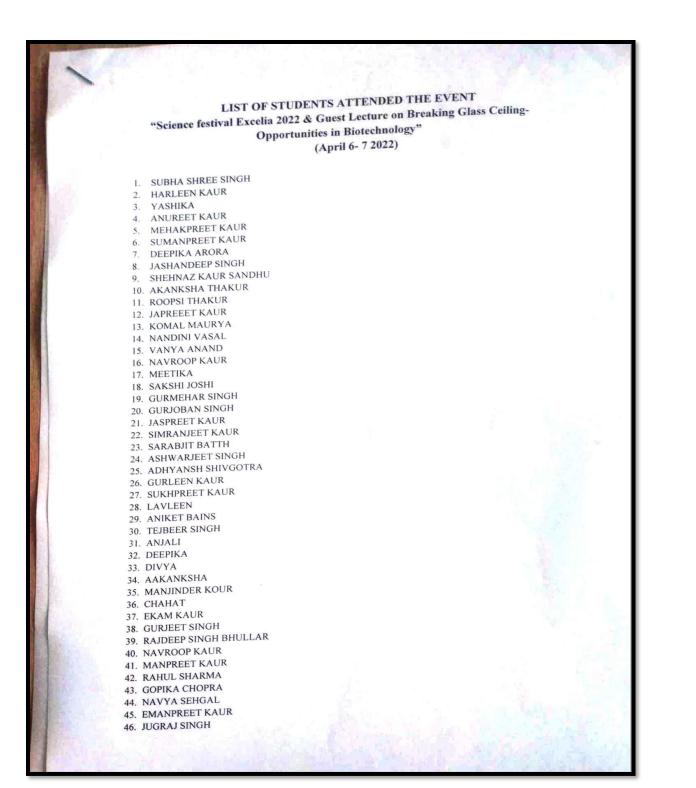


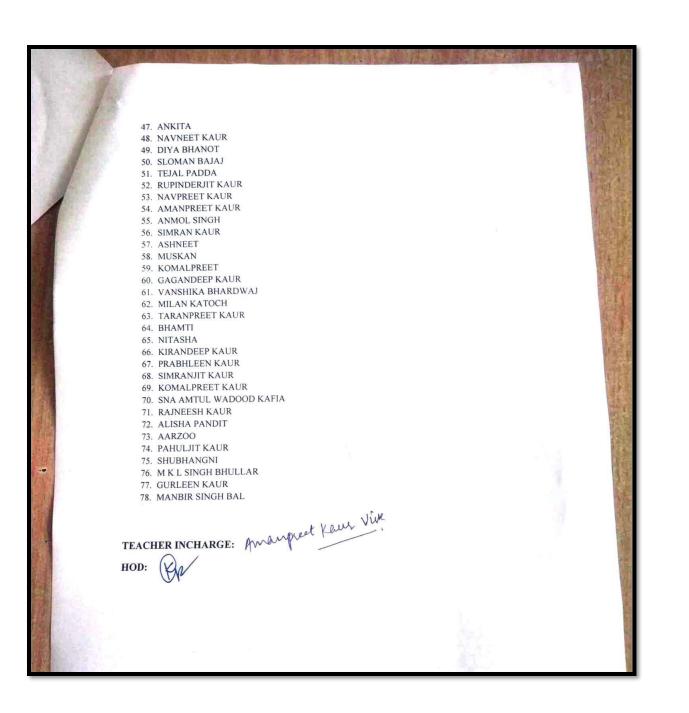
Judges evaluating the performance (07-04-2022)





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



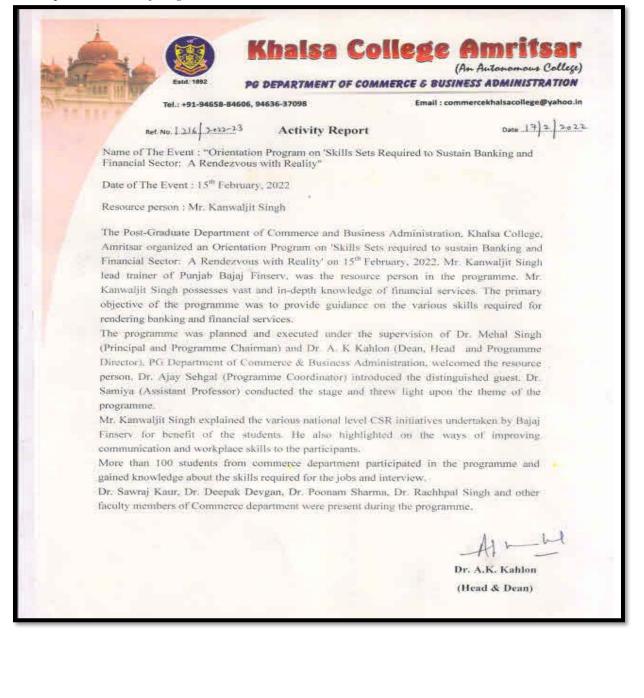


P.G. Department of Commerce & Business Administration

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



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)



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

5. No.	Class	Roll No.	Name of Student	Signature
1	BBA (1) SmB	20 3=1=85	Man deep singh	(Margart
2	Ban (4 %) Sec 6	2-301087"	AKashdeef Kaus	AS
3	BBA 9 Sem (B)	2.0 30 10 83	Arshdief Singh	Archdeep
4.	BBA Sten(B)	203-1108	Kashish Anand	having fred
	BBAYSEM (B)	2030/110	Muslann Shanma	Mulan
k.	BERY Ser (B)	20301094	Akashdrep Singh	Ahn Shil
ŧ	BBAY Sem (B)	20301109	Nandari Mahayan	Alandemi
ķ	BAA " Sem (B)	20301079	Anmet Singh	Ce a
9	BEAY sem (85	2030 1004	Loveprett singh	Loveps
p -	BBAY the sem (A)	2030/010	Nathir Singh	Narbis
1	(36A (3cm(A)	2030/020	Mungot Kaur	(Moangot
2	BBA Stem(A)	20301032	Arshpriet Kaws	APSIL
13	Beom Sten(H)		Monsha	MANSHA.
14	B.com 2 sem (H		Jasminden Kaus	Jasunt
ſ.	Bilom 2 Sem (H)		Arsharep Kans	APRIST
4	Bien 2" Sem (H)		Somithal Singh	the
*	B (org 2" Sem(H)		Arpanpased	HSH
Ë.	Biemz Sem(H)		Simbangit Rans	2
9	Bium2" sem(n)	21303015	Semanzil Singh .	Samyelan
				1 "

Asu.

-	S. No.	Class	Roll No.	Name of Student	Signature Kay
-	24	Brom 2 Senti	21303016	Semenprest Kaus	Dent
	21	Boten 2 Sent H)		Jashanpert Singh.	II.
	24	Bilon 2" semilar	213=3122	Manprest Kaus	Manpreet Raws
	a.b	Botan jo gene (H)		Nandow Bhotie	1 the
	24	Bolom Berth)		Kapen Bekshi	Aller
	25		19303007,	Ming + Faul	mast
	26	B Lom & Semile		Sa Kiski	Surksh
	1.9	Bitom & Sealer		Kamelderp Kaub	Houles
	3/8	B com (Sen (H)		Similar jet Raus	Simergut
	25	6.10m (unlt)		Komalpert Kow	howal
	3.0	Bilom Then (1)	19303034	Radha	that I day
	31	BBAY (tomo (B)	2030/129	Kamalpret Kaus Nuvreep Singh	NAORO OP-
	32	BBB4 Scm(B)	20301137	Arsh deef Kaus	ARGHD and STAN
	33	BBA4 Sem (6)	20301148	Firsh act Frans Sudhanshy Kum at	Fran the Hum
	34	BBA 45cm (B) BBA 4th Sam (B)	10311154	Yogeth.	Ques
	3.4	BBH 4 Scort B)	121303041	Diksha	KINA
	38		2130 3053	Anubhair	ANES
	38		21303030	Armit Thateus	AN

All

S. No.	Class	Roll No.	Name of Student	Signature
31	Brom (6th - YB)	19202006	Danisch Mahayan	Dung
40			Requires Kans	RAJ
91	Blom Block	11302013	Low drip Singh	Lents
9.2	Blom Ple-(P)	19302024	Mushampreet Kaus	Que kan prest
43	Bears & Sim (R)		Taxiq	Tana
39	Bring Sem (2)	193020 45,	Sama	SONIT
45	Blary (Semile)	19302055	Rohit	Tult
44	B. lom b smile)	19302048	Aakshi Katal.	Aallshiz
47	BBA YSOTA)	20301675	Kamaldeep Singh	Kanddeep
46	BBA MEr (S-A)		Manjeet Raus	Manjur
41	BBA 4 Sem (sect)		Adhight Thind	Affint 1
50	BBAY Scon (Ser A)	20301050	Mobit Abrok	Health
51	and the second s	2=3=1045	Khushnert Singh	A.
52		20301047	Aman Singh	the
53		20301048	Komulperet Kaus	Class
54		2030/040	yunprort 12aus	Jugarente
55	BRAY sem See			And a
56	BBATE-18	and the second s	Arma Yaclas	Que
57	B.BA. Si-(S)	20301116	Passas Kapora	M

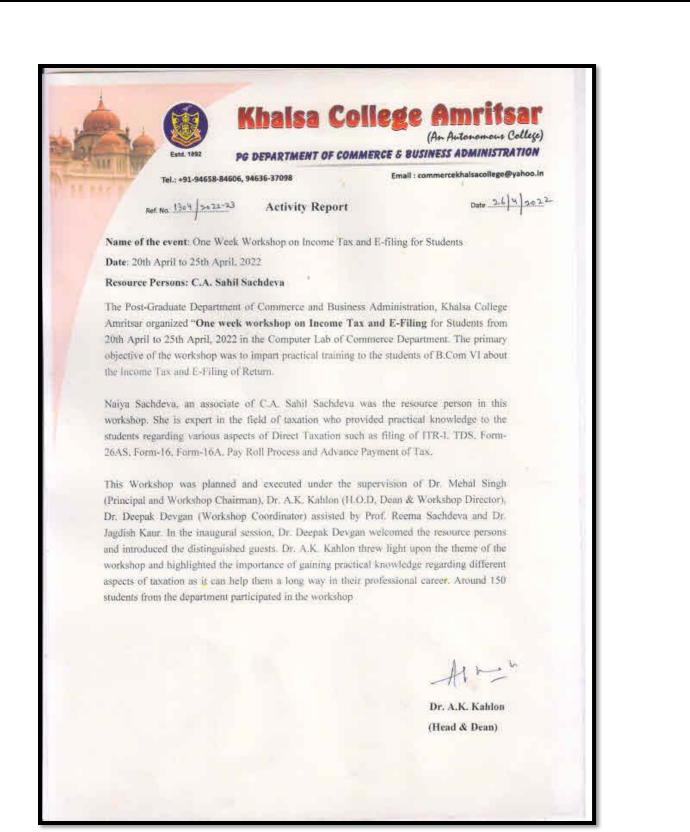
S. No.	Class	Roll No.	Name of Student	Signature
58	BER VSun/sere)	2+301105	Kushalpreet Singh	Q2
\$.7		2030 11/2	Inbanded Singh	Paulande
8 -	EBP Tunter P	20301120		M·M
61	BBA Madere	2030/002	Navpreet Kaus	Alter
42	BBAN Scolorin)	2030/006	Dev Bhalls .	Dev Bhall
63	RAA 4 (- (INA)	20301014	Anured	America
65	BRAY Sen (Strip)	2030/005	Kamulperet Singh	1g
65	BBA 5 sen (sen / sen / sen / sen	203010114	Anuseet	Anut-6
66	BRAY Se- (SriA)	2030/023	Agay Sharma	Arry
14.9	REDIT (ap)	2030/029	Armonderf Kaus	ARMONS
68	BBAY Senter A)	2030/032	Arpanyit Kous	Ark
67	BBRY Center D	20301019	Mithun Singh	MB
70	B lom 2" (and H)	20301015	Annithal single	Æ
71	B lom 2" sem (H)	20301031	Sakhwinder Singh	Bur
72	Belom 2" Sconth)	20301049	Nurdeep Singh	1 Mardeh
73	B-corps "sen(4)		loceti	breats
24	Bilom 2 Sem (H)	20301005	Manshiq	Martha
35	Bilom 2" sent H)	20 30 10 17	Samunger Singh	Samitites
74-	B-ram2"serolts)	20301028	Parnet Knus	Paviat Kard

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

Kha	Isa College Amri (An Autonomo	tsar us College)
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	
- Harden and Andrews	April 20-25, 2022	And In Matter 1945
Venue:	Commerce Department (Comput	ter Lab) Dr. Mehal Singh
Dr. Deepak Devgan (Workshop Coordinator)	Dr. A.K. Kahlon (Workshop Director)	Workshop Chairman)





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 . $\left(20\text{-}04\text{-}2022\right)$



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

2. 19110011402 19302002 KARANPREET KAUR 3. 19110011403 19302003 PARVINDER KOUR 4. 19110011406 19302006 DANISH MAHAJAN Danish Danish Danish Danish Danish Danish Danish Danish Danish 5. 19110011407 19302007 KHUSHWINDER SINGH Kulunder of Rodender of Rodende	Khalsa College, Amritsar (Autonomous College) One Week Workshop on Income Tax & E-Filing							
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 Norchelbert Nor								
20-04-2022 21-04-2022 22-04-2022 23-04-2022 25-04-2022 1. 19110011401 19302001 NOORDEEP KAUR Narcheller Narch	B.C	om., Semester-	/I (Regular) Se	ction A & B				
1. 19110011401 19302001 NOORDEEP KAUR Narderbar Newton Norderbar N	SrNo. Roll No. Coll. Rno Name			Signature				
2. 19110011402 19302002 KARANPREET KAUR 3. 19110011403 19302003 PARVINDER KOUR 4. 19110011406 19302006 DANISH MAHAJAN 5. 19110011406 19302006 DANISH MAHAJAN 5. 19110011406 19302007 KHUSHWINDER SINGH 6. 19110011408 19302008 SOFIA 6. 19110011408 19302008 SOFIA 7. 19110011408 19302008 SOFIA 8. 19110011409 19302009 NAVIOT SINGH David Laberton 8. 19110011409 19302009 NAVIOT SINGH 10. 19110011411 19302011 NIKHIL SHARMA 10. 19110011412 19302012 RITIKA 10. 19110011412 RITIKA		20-04-2022	21-04-2022	22-04-2022				
3. 19110011403 19302003 PARVINDER KOUR How Here have been pret 4. 19110011406 19302006 DANISH MAHAJAN Danish Bender of Kushindor of Kushind	1. 19110011401 19302001 NOORDEEP KAUR		Noorcleeplan	r Norderb	r Noorcheethan	Noodeel bu		
3. 19110011403 19302003 PARVINDER KOUR Henry Hen	2. 19110011402 19302002 KARANPREET KAUR		truentrat	buankscot	Karan but	townbrut		
5. 19110011407 19302007 KHUSHWINDER SINGH Kubanis of Robinson Danish Danish Danish 5. 19110011408 19302008 SOFIA & Ofia	3. 19110011403 19302003 PARVINDER KOUR	apour	afour	Warny.	Kent	Hour		
5. 19110011408 19302008 SOFIA & Ofia Sofia Sofia Sofia Sofia 7. 19110011409 19302009 NAVIOT SINGH Development Personny Experiment Personny Experiment Personny Experiment Personny Experiment Personny Experiment Personny Experiment Personny Person	4. 19110011405 19302006 DANISH MAHAJAN	Danish	Danish	Danish	Danish	Danish		
7. 19110011409 19302009 NAVJOT SINGH Daverström Der Starten Bergersingh Der St	5. 19110011407 19302007 KHUSHWINDER SINGH	Heisenics by	Karahandar afge	Klashirider styl	Kishundersyf	Kuehuindon S		
8. 19110011410 19302010 KESHAV SHARMA Keshar Shorma Keshar Shorma II. 19110011412 19302012 RITIKA Ritika Ritika Ritika Ritika Ritika Ritika Ritika Ritika	5. 19110011408 19302008 SOFIA	botia	Sofia,	Sofia	Sofia			
9. 19110011410 19302010 RESTAV SHANNA LEADER ALATTA RADINA BLATTA BLATTA BLATTA BLATTA CLOUTAN 9. 19110011412 19302011 NIKHIL SHARMA Nibbil Horma Albel Active Horma Blatta Rithil 10. 29110011412 19302012 RITIKA Ritika Ritika Ritika Ritika Ritika Ritika Ritika Ritika	7. 19110011409 19302009 NAVJOT SINGH	Partstating	in Garderon	An Earlier	wh Pott	Sh Qayothi		
9. 19110011411 19302011 NIKHIL SHARMA Nikal Harma Kikal Nikil nikil Nika Kibal 10. 19110011412 19302012 RITIKA Ritika Ritika Ritika Ritika Ritika Ritika Ritika	8. 19110011410 19302010 KESHAV SHARMA		Spotting		and the second se			
10. 19110011412 19302012 RITIKA Ritika Ritika Ritika Ritika Ritika	9. 19110011411 19302011 NIKHIL SHARMA	Nibbie Har		Nibbil	Nibhe	Nibhil		
	10. 19110011412 19302012 RITIKA	6.1.1	Ritika	Ritifia	The second se	Ritika		
11. 19130011413 19302013 ABHISHEK CHAUDHARY ABLILLA. Ablilla Albhisher Albhisher Albhisher Albhisher	11. 19110011413 19302013 ABHISHEK CHAUDHAR	A Ablied .	Ablishin	Abhishol	Although	Alphisher		

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25.04.2022
12. 19110011414 19302014 AKASHDEEP SING		1	LE UT LULL	23-04-2022	25-04-2022
	H Mastalagi	Mashelefs	Manhalats	Manshold's.	Phashal
13. 19110011415 19302015 RAIVEER KAUR	Rajverson	Requestany	fojvenkan	Royverkan	Poprentam
14. 19110011418 19302018 DEEPAK	Despute)	rujeate	Darpak J	Peipile De	epale
15. 19110011419 19302019 MEHNAJDEEP KAU	JR Mehnojdroptour	Mehnerder	Miningder p.	Mehnogdrep	Mehnejolup
16. 19110011420 19302020 SAMPAT DEVGAN	Sampat Devgar	1. Sampat De		Sampat Devgun	Sanfal Deva
17. 19110011421 19302021 AASHISH ARORA	Anithon	Agenet 1	torball	Autor	Charles
18. 19110011543 19302022 YUVRAJ RAI	Wortag Rai	Thong Ani	Norona Theorypa)	1 poroza	yning
19. 19110011422 19302023 PAWAN SINGH	Raucon Singh	Parondyt	Pawansingh	Pawa Sinch	Cause Sta
20. 19110011423 19302024 MUSKANPREET KA	AUR Muskonfuret	Muskonput	Muskenflut	Huskonful	Hustonfi
21. 19110011424 19302025 NARAYAN SINGH	NatayanSingh	In the second second	National 1	takey and Sigh	Nazayan
22. 19110011425 19302026 SHARANDEEP	Sharandup Kalu	Sharandup		Savander	Sharanch
23. 19110011426 19302027 ARSHPREET SINGH	1 Hestpullt	Hashpoost Ringh	Hayhours		Anelyzet
24. 19110011427 19302028 MUNISH KUMAR	Singh Munish kumar	Munish Kunar	Munich h	Right Munish	Hunish
25. 19110011428 19302029 PANKAL	Phot	What	Kumar Rhof	kumar	Rumai
26. 19110011429 19302030 SIMRANJIT KAUR	Starrought Kouse	Sintainelt	Stwaught Kaug	Surveight	Sin Kangt
27. 19110011430 19302031 PRABHSIMRAN SIN	IGH Grathomoren	United with an Shippe	frelitigion	hidiginite	Lawrel .

20-04-2022 21-04-2022 22-04-2022 23-	-04-2022 25-04-2022
28. 19110011431 19302032 GOURAV SHARMA Jaway Jaway Sarah Sarah	way youraw
29. 19110011432 19302033 LOVEDEEP SINGH doubleh singh Loveluhangh Londerhangh doub	deepsingh double pringh
30. 19110011433 19302034 KARANBIRSINGH Katanbu Singh Katanbu Singh Katanbu Singh Katanbu	lin birrah Kanambin birra
31. 19110011434 19302035 SANDEEP KAUR Sander Plant Sander Plan Ander Man A	sandly part souder
	Manderphans Monday
33. 19110011436 19302037 RANDOT SANDRU	intersauding fairlet Barrie
34. 19110011437 19302038 KHUSHWINDER KAUR Klunshider Klunshider Klunshider Klunshider Klunshider Klunshider Klunshider	barre purchasta
	ania Tania
36. 19110011439 19302040 MANIOT SINGH Margat Singh Royal Singh Margat Singh Royal Singh Margat	thigh Neight Singl
37. 19110011441 19302042 SUKHMANPREET SINGH SUCHMEND RECT SINGH	nen eineh.
29 10110011002 10302003 SIMBANIEFT KAUR Simon Leet Kawy Simonyet Cine	1 Company
39. 19110011443 19302044 JOBANPREET SINGH Joban pred Singh Comment Singh Singh Singh Singh	prost jobanpreet
a substantial and a substant	ionia Sonia
41. 19110011445 19302046 GOURAANG GOSWAMI	3 ling
 42. 19110011446 19302047 PAWANDEEP SINGH Jour angles Tomanday Committee Committee Committee Committee Committee	by formular
43. 19110011447 19302048 SAKSHI KATAL Sakshi katal Sakshi katal	Sakshi Katal Sakeli lital

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
44. 19110011449 19302050 KOMAL	Komal	Kornal	Kernal	V. 0	
45. 19110011450 19302051 GURPREET KAUR	Juppeethawy	Guspacettau	1.00	Kemal	Konsal
46. 19110011451 19302052 SIMRANPREET KAUF	Since withou	Line In	1 Taur	1 00 h	1 your Jaw
47. 19110011452 19302053 DIPTI	Oikei	orki	DAKU	- Sun-fr	0
48. 19110011453 19302054 AKASHDEEP SINGH	Alashe	Alpant	phast	oha	Dipet
49. 19110011454 19302055 ROHIT SINGH	Rohit	Rohit	Rohit	- that	Ronato.
50. 19110011455 19302056 SONIA ARORA	boula Amora	lovia		- Rohlt	Sonta
51 19110011456 19302057 AMANDEEP SINGH	Amander stren	Amandrop	Attang	Anora	Aporta
52. 19110011457 19302058 PAWANDEEP SINGH	Buarderf Sish	Buddy	singh . Burndup	Thereinder	Arrandent Siren
53. 19110011458 19302059 SUMANJEET KAUR	Smantet Kawin	Singh Somannet	Stath	Sust Jomayitet	Pawandeep Singh
54. 19110011459 19302060 MOHIT KUMAR	Mohit Kamot	taun mobil tuno	Sumayed Bang	- Kaun mobil	Sumanjeet Kaun
55. 19110011460 19302061 ISHWARDEEP SINGH	Ishwardeep Si	D A A	tumol 000	Kumpt	nne mohst Kumer
56, 19110011461 19302062 HARROOP SINGH	Shwaxarep Sh Hunsof	ngh Ishwaste	Paint singh	2 Singly	Sshwardeep Singh
57. 19110011462 19302063 ARSHDEEP KAUR	Anishderp kan			Monag	History
58. 19110011463 19302064 LOVEPREET	hardent	Aselday kau	(OU)		Anddeg Kaus
59. 19110011467 19302069 HRITHIK	Harithik :	Harithet	Povep	ad perfect	houtert

		20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
	60. 19110011470 19302072 ANMOL SHARMA		1.1	_		
	61. 19110011471 19302073 KANWAR ABHAY SIN	IGH	-	_	-	-
	62. 19110011472 19302074 SMILE SHARMA	Absent	-	_	6	
	63. 19110011473 19302075 ISHUB KHAN		2.111	and the	a.14	14 A KY
	64. 19110011474 19302076 RITIK INDORA	John Chan	- Ishal Khan	Jill Kien	Ishal Kan	Island Alma
+			Ion Rinkster		KYK309020	RHKEndos
Y	65. 19110011475 19302077 KRITIKA KAUR	Kantika	Kan Ken'tika	e Kulika	à	0 0
	66. 19110011476 19302079 PRANAV JAIN	Vanagen	11	toaste	Val	hat
	67. 19110011478 19302082 SUKHMANDEEP KAU	R deave	Warast Save	e In C	= - Transing	- Toanang
	68. 19110011479 19302083 ONKAR SINGH	Onten	Ak	Onkan	Onten	Church The
	69. 19110011480 19302084 PRINCE MAHAJAN	Alexit	About	Dont	Almert	Onken Alsed
	70. 19110011481 19302085 MEHAKPREET KAUR	Мевакрие	et Kenskipree	t Mehakponet	Mehakonut	Mchatypuert
	71. 19110011482 19302086 LOVEDEEP KAUR	Lovedup	pu lovedup kow	Lovedup Karr	Lovechup	Loveand
	72. 19110011483 19302088 KARANDEEP SINGH		- which		Kown	two
	73. 19110011485 19302090 MANISHA	Manisha				-
	74. 19110011486 19302091 HARMANPREET SING	н				_
	75. 19110011487 19302092 TEJBIR SINGH	7	Sibir Singh	Teybin Sigh	Telbinsingh	-

76 10111	20-04-2022	21-04-2022	22-04-2022	22.82.82	
76. 19110011488 19302094 PAWANPREET KAUR	Powerpreet	Record	-0	23-04-2022	25-04-2022
77. 19110011490 19302097 AMARBIR SINGH		Yakkinpitet	- Guarpreet	buonparet	PownDrest
78. 19110011491 19302098 JASHAN KUMAR	Anaubly Singh	Amaubiy Lingh	Amaubici	Amaubia	hmaubur
	fershire more	Joshen	gashen	Singh Jashan	Sirch
79. 19110011492 19302099 ARSHVIR SINGH	Arshuis	ARILLUN	Allhur	1 Framer	France
80. 19110011493 19302101 PUJARI	singh	Lingh	singh	LAREALUS Singe	USLILIUX Cingh
81. 19110011494 19302102 ANMOLDEEP SINGH	Mari	ligani	Mari	Pigani	12
82. 19110011495 19302103 NEERAT KAUR	Daulyis	Anadolija	Armoldys		14ard
	10	Neerat		Annoblafy	Annoldafy.
83. 19110011496 19302104 HARMANPREET KAUR	Hermon Decet		Neural	Neural	-
84. 19110011497 19302105 RIVA BHALLA	Kauri	Harcman Breet Kaun	Horman	Hanriam	Harmanbuer
85. 19110011501 19302110 SIMRANPREET KAUR	Riya-Bhalla	Riya Bh	Contraction of the local division of the loc	19 Riya Blake	Kaw
	Simulanpeart	Simonappece	Simonarpree	+ Sinstanparent	Rya Bully
86. 19110011502 19302111 GURPREET SINGH	guproeching	Icaul	Kaul	Icaus	Simpanpault
87. 19110011503 19302112 MILANPREET KAUR			Jupined Syl	,9	upred Sinft
88. 19110011504 19302115 AGAYAPAL SINGH		Milonput	6		- l
	190	jofalling 4			
89. 19110011505 19302118 PAMANDEEP SINGH	0	et Y		A	
90. 19110011508 19302120 PRABHKEERAT PAL SING	H Pralhbarros	(FALLER	ananaup lf	-lawar Out	
91. 19110011509 19302121 KARANDEEP SINGH	The first	HASANDO -	habiter Hors	3 hillion 1	D. D. Dellert
	Kayanderfi	igh K	reanded linds	Regarded Kora	adult
	senge c	terry	- And the	singu ti	ngti

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
108. 19110011532 19302148 LOVEROSE SINGH	Louelose	Starline &	house of	- Lourse &	A C
109. 19110011534 19302150 SAHILPREET SINGH	Contraction of	Sal frait	Job Spreet	Namero D	Louise the
110. 19110011535 19302151 ABHI	Abri	alki	Alle	Abul	Abri
111. 19110011537 19302153 MEHAKDEEP SINGH	Mehabday	Metrologica	Metaliday	There day inf	Antoholog Sight
112. 19110011538 19302154 MANPREET SINGH	Manpret	Smith	Manpredbi	the Manhouse	na Andrasala
113. 19110011546 19302160 RAJINDERPAL KAUR	PainderBal	Paul .	faghda for kaur	fellocated kay	Ny Manfreds with Rationder PP
114. 19110011547 19302161 SUPREET KAUR	Subreet	Syporat	Supreet	Supret	Subsect
115. 19110011548 19302162 RAJAN	Rajan	Raja	n Rajan	Kaur	kaur
116. 19110011601 19303001 KIRANDEEP KAUR	Kiranderfaus	Kisundel,	pandag-	Kantyn	Kininder
117, 19110011602 19303002 PRABHJOT SINGH	Protestor	Croyer	bologist.	Rocordet	Bichelstota 1
118. 19110011603 19303003 KARAN BAKSHI	Kongra	Nonan	Kasian	Kano-	Konan
119. 19110011604 19303005 KIRANDEEP KAUR	Rectarb:	Kisawaup	- Balah treanded	Babili. Artelejar	Balahi-
120. 19110011605 19303006 HARPREET KAUR	Harprettau	Kawa - Hampheet	Hanpourt	Harbud	Harbreet
121. 19110011606 19303007 NAVJOT KAUR	Naviot laws	Naviot Du	Kaus .	' kaur	pun
122. 19110011607 19303009 RUPINDER KAUR	Ruhinder Kaue	Ruhinde	Ruhinder	- Noulither Ruhindle	Navjot polo Pupinder
123. 19110011608 19303010 VIPAN KUMAR	Libon Kenge	Kaul.	navy	Kaul .	Kaul-
	within rait	_		Mart	Onlan Junan

1.1	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-202
124: 19110011609 19303012 VIMALIIT KAUR	Nindyk Kaug	Vinefit Key .	Vinalijih Kaun	Virnalist Ham?	· Virmeljet Ka
125. 19110011610 19303014 KAMALDEEP KAUR	Chuldup	(Barlday)	Chulder.	Canddug .	Contact
126. 19110011611 19303016 HIMANSHU SHARM	A		N./	4.5	F.F.
127: 19110011612 19303017 HARMANDEEP KAU	R Harmandeep aw	Hormandeep Kour	tsumandup Fain	Howandeyp Kaus	Harmanoleep
128. 19110011613 19303018 SAKSHI			1.000	- Com	- Level
129. 19110011614 19303019 NITIN	Nitin	Nitio	Nitin	NAL	Nitin
130. 19110011615 19303021 NAVNEET KAUR	Novinul	Nowwell	rain	Nannet	Newneet
131. 19110011616 19303022 CHASVEEN KAUR	chastrat	(NOSNECC)	Washer	Nousver	here a
132. 19110011617 19303023 KOMALPREET KAUP		Kain kan		Constput	kourder
133. 19110011618 19303024 SIMRANJEET KAUR	Simularjeet	A	+ Otmaniet Pa	A STATE OF	a Ginvanjeci
134. 19110011619 19303025 JAGMEET KAUR	Tagmetkan	Jagment	Jagmest	Toquet	Jagmeetla
135. 19110011620 19303026 NISHTHA	Niewha	Nicous	as North	Nishthe	Nisht
136. 19110011621 19303027 BALDEEP KAUR	Baldypaul	· Caldup	. baldula	us palduly .	baldupo
137. 19110011623 19303029 DEEP KUJUR	7. muiz -	2 fun	7.hm	- TILMIZ	Then's
138. 19110011624 19303030 ARSHNOOR KAUR				t	yser
139. 19110011625 19303031 SIMRANPREET KAU	R Simanprat	Budgaput	Rinnangus :	Simanfield	Similarpreet

	20-04-2022	21-04-2022	22-04-2022	23-04-2022	25-04-2022
140. 19110011626 19303032 AKASHDEEP KAUF	r flathdrey Kaur	Kashday	Kachdorep	Hashdeef.	Markdong
141. 19110011627 19303033 ROSHAN SALARIA	Roll-Sch	fas-	- labor	Rothin	lons
142. 19110011628 19303034 SHALIKA	Shalita	Shalika	Shalika	Shalika	Shalika
143. 19110011629 19303035 SHAVETA RAI	Shaveta.	Shaveta	Shaveta	Shave ba.	Shaweta
144. 19110011630 19303036 DISHANT SAINI	Dishayd ,	Sistaul	Arghant Jaini	Dishaut Saint	Dishant
145. 19110011631 19303037 RADHA	Radha.	Radm.		Andha-	Autant Saini hacim
146. 19110011632 19303038 ISHA SWAN	1shaswar	Istaswan		Shalwan	Stratunate
147. 19110011633 19303040 NITISH RAWAT	Nitish Rawat		Milish Rowal	NisherRat	Nilik Round
148. 19110011635 19303043 HARMANJOT SIN		Harmania	1 Hornayd	Harmaniof 1	Hidrigat
149. 19110011636 19303045 MANPREET SING	H Manufard Singh	Manpa (Ct Sing)	n Membrat Singh	Not St	Manfred Singl
150. 19110011637 19303046 ASHISH CHOUDH	IARY	ANIE	Daris	Duran	0.1.1
151. 19110011639 19303048 MUSKAN	Muskap	Musto	Ashish . Mustar	- Advies - Nusham	Ashiel Muscar

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)



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-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.

Hon

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

Sr. No.	Rollo.	Class: BCA SEM-V& B.Sc. (IT) Student Name	
1.	19401120	AMRITPAL SINGH	Signature
2.	19401001	TARUNDEEP KAUR	
3.	19401003	HARSIMRAN KAUR	Tarmoleup
4.	19401004	SUNALI	Kensimorom
5.	19401004		alute
6.	19401005	ANURAG BHARTI	Howrag Sharti
7.	19401008	KARAMBIR KAUR	Karabar
8.		BHUVAN SHARMA	Rhuver Sharma
and the second sec	19401008	ARVIND SINGH	Another
9.	19401009	ANKIT SAINI	Ankit Sevini
10.	19401010	AMANDEEP SINGH	Amandeep
11.	19401011	AVTAR SINGH	Autorsity
12.	19401012	PAWANPREET KAUR	Pawankeret kan
13.	19401013	ARSHDEEP SINGH	Aushdeep Singh
14.	19401015	UJWAL LAKHANPAL	Joval Ling 2
15.	19401016	PRIYA SHARMA	Paring Shering
16.	19401017	DAVINDER SINGH	Davinder
17.	19401018	RAVIARSHDEEP SINGH	Rovindaz Digh
18.	19401019	DIPANSHU JOSHI	Dipanshu
19.	19401020	ASHISH SINGH	Ashish Singh
20.	19401021	JYOTI	(Typh
21.	19401022	MANSI SARPAL	Hanni Serbert
22.	19401024	AKASHDEEP SINGH	Akashdeep
23.	19401025	DEVYANI	Dannan
24.	19401026	MANDEEP KAUR	Mandeep Kaur
25.	19401027	SIMRANJIT SINGH	Simhan git Kans
26.	19401028	JAGMEET SINGH	Jagmeethingh
27.	19401029	NAVNEET KOUR	Nauncet Kan
28.	19401030	SIMRANJEET KAUR	Simon jeed kom
29.	19401031	NITISH KUMAR	Matteret Kown
30.	19401032	NAVPREET KAUR	Nitish Kuman-
31.	19401033	JYOTIKA	Jyotika
32.	19401034	GURJEET KAUR	Gunject Kour
33.	19401035	LOVEPREET SINGH	Love Reaf Sigh

The Beet Sigh

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	builika
35.	19403002	SUNBIR SINGH	Subi & Sigh
36.	19403003	PRINCEDEEP SINGH	Paince Deeplops
37.	19403004	ROBANDEEP KAUR	Roberder Kem
38.	19403005	TARNBIR SINGH	Tankindugh
39.	19403006	INDERVEER SINGH	Toder Versley
40.	19403007	SANJEEV KUMAR	Senjeanchumus
41.	19403008	KARANBIR SINGH	Keranter Sigh
42.	19403009	SUSHIL	Julie
43.	19403010	MANDRA	Hondres
44.	19403011	RAJAT MANNAN	Rajat Nonnam
45.	19403012	KAJAL	kajal
46.	19403013	GURKIRAT KAUR	Gusperet Kaus
47.	19403014	ISHA DEVI	Tober Devi
48.	19403015	KAJALPREET KAUR	Kajal pacet Rawr
49.	19403016	KARVINDERPAL SINGH	Karristonlys
50.	19403017	ROHAN	Kahem
51.	19403018	INDERJEET SINGH	Inderjeet dugt
52.	19403019	KOMALPREET KAUR	Konalpred Rom

the

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)



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. -S - 3574

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)

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	Ameritpal Singh
2.	19401001	TARUNDEEP KAUR	Thur deep Singh
3.	19401003	HARSIMRAN KAUR	kinonalep sign
4.	19401004	SUNALI	Harsiman Baur
5.	19401005	ANURAG BHARTI	Any Bherti
6.	19401006	KARAMBIR KAUR	Karambir Kalle
7.	19401007	BHUVAN SHARMA	BHWAN SHARMA
8.	19401008	ARVIND SINGH	Bruind Singh
9.	19401009	ANKIT SAINI	Achit Cali
10.	19401010	AMANDEEP SINGH	Anndeep Singh
11.	19401011	AVTAR SINGH	and and
12.	19401012	PAWANPREET KAUR	Pawanpet Kaur
13.	19401013	ARSHDEEP SINGH	ARSH DEOP SENCH
14.	19401015	UJWAL LAKHANPAL	Ujual Lappanpal
15.	19401016	PRIYA SHARMA	Reingasherna
16.	19401017	DAVINDER SINGH	Davider Sid
17.	19401018	RAVIARSHDEEP SINGH	Rousehleen S
18.	19401019	DIPANSHU JOSHI	Dipanyhy loshi
19.	19401020	ASHISH SINGH BHANDARI	Adich Sinh Blandar
20.	19401021	ITOYL	JYOTI
21.	19401022	MANSI SARPAL	Manyi Saspal
22.	19401024	AKASHDEEP SINGH	Alashdeep Sinch
23.	19401025	DEVYANI	Donai
24.	19401026	MANDEEP KAUR	manderp there
25.	19401027	SIMRANJIT SINGH	Sim band in the
26.	19401028	JAGMEET SINGH	Simberjut Sing
27.	19401029	NAVNEET KOUR	NHA
28.	19401030	SIMRANJEET KAUR	Simanjeet Kaur
29.	19401031	NITISH KUMAR	Nitish Kunas
30.	19401032	NAVPREET KAUR	Navpreet Kaur
31.	19401033	JYOTIKA	JYOTILA
32.	19401034	GURJEET KAUR	Gurjed Kun
33.	19401035	LOVEPREET SINGH	Love Breet Cinh

Hen

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 Kuitika Mara
35.	19403002	SUNBIR SINGH Suntain Lingh
36.	19403003	PRINCEDEEPSINGH Princeded Sig
37.	19403004	ROBANDEEPKAUR fobandeep Kaun
38.	19403005	TARNBIR SINGH Tarnbir Singh
39.	19403006	INDERVEER SINGH Inderver Lingh
40.	19403007	SANJEEV KUMAR Sanjeen Kumar
41.	19403008	KARANBIR SINGH Karanbir Singh
42.	19403009	SUSHIL Sushil
43.	19403010	MANDRA Mandra
44.	19403011	RAJAT MANNAN
45.	19403012	KAJAL Kajal
46.	19403013	GURKIRAT KAUR Givilionat Kaun
47.	19403014	ISHA DEVI JSha Demi
48.	19403015	KAJALPREET KAUR Kajalpreet Kaur
49.	19403016	KARVINDERPAL SINGH Kanind palgny
50.	19403017	ROHAN Rohan
51.	19403018	INDERJEET SINGH Inderjut Singh
52.	19403019	KOMALPREET KAUR KHAIRA Kon Jorn Than
53.	19403020	AARTI Sarti

the

WORKSHOP

ON

PROJECT DEVELOPMENT

(March 14, 2022)



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



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-370 A

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.



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

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

Event: workshop on Project Development. Date 14/03/2022

Sr. No.	Rollo.	BCA SEM-VI & B.Sc. (IT) SEM-VI Student Name
1.	19401120	AMRITPAL SINGH Antithal size
2.	19401001	TARUNDEEP KAUR TASA AUD KUA
3.	19401003	HARSIMRAN KAUR Harsimran Kau
4.	19401004	SUNALI Surali
5.	19401005	ANI IDAC DUADTI
6.	19401006	KADAMDID KALID
7.	19401007	Kinam on Ness
8.	19401008	Bhuran Shalma
9.	19401009	ANKIT SAINI
10.	19401010	AMANDEEP SINGH
11.	19401011	AVTAD SDICH
12.	19401012	PAWANPREETKALIR
13.	19401013	ARSHDEEP SINGH
14.	19401015	LIIWAL LAVIIANDAL
15.	19401016	PRIVA CHADAGA
16.	19401017	DAVINDER SINGH CANNOR SING
17.	19401018	RAVIARSHDEEP SINGH POWLECE COOPEN
18.	19401019	DIPANSHU JOSHI Dala Jolli
19.	19401020	tornor an ion of the
20.	19401021	JYOTI Justo
21.	19401022	MANSI SARPAL Mauri Saepal
22.	19401024	AKASHDEEP SINGH
23.	19401025	DEVICE Prestident
24.	19401026	MANDEEP KAUR Mar Left 2
25.	19401027	SIMPANIIT SINCH
26.	19401028	JAGMEET SINGH Simran Hough
27.	19401029	NAVNEET KOUR
28.	19401030	SIMPANIEET KALID
29.	19401031	NITICH KIIMAD
30.	19401032	NAVDDEET VALUE
31.	19401033	IVOTIKA
32.	19401034	GURIEET KALID
33.	19401035	LOVEPREET SINGH

Han

Sr. No.	Class Roll No.	Name
34.	19403001	KRITIKA MEHRA Kritika
35.	19403002	SUNBIR SINGH Sunbis Sig L
36.	19403003	PRINCEDEEP SINGH Princedeep steerings
37.	19403004	ROBANDEEP KAUR Rabonderp Kaur
38.	19403005	TARNBIR SINGH Tarnbie Singh
39.	19403006	INDERVEER SINGH Inderveer St
40.	19403007	SANJEEV KUMAR Sanjele Kuman
41.	19403008	KARANBIR SINGH Kara
42.	19403009	SUSHIL Sushil
43.	19403010	MANDRA Mandag
44.	19403011	RAJAT MANNAN Rojat Mannan
45.	19403012	KAJAL Kajal
46.	19403013	GURKIRAT KAUR Julua La
47.	19403014	ISHA DEVI THA
48.	19403015	KAJALPREET KAUR kajalphe dans
49.	19403016	KARVINDERPAL SINGH Konvirderfolding
50.	19403017	ROHAN Rohan
51.	19403018	INDERJEET SINGH Inderjeed & mg
52.	19403019	KOMALPREET KAUR KHAIRA
53.	19403020	AARTI Aarti
54.	19403021	HARMEET KAUR Harmut Kan
55.	19403022	ABHISHEK SINGH Ablishel Singl
56.	19403023	AKASHPREET SINGH Alas great Sur 5
57.	19403024	AKASHPREET SINGH Alas greet Sung VARUNDEEP SINGH Varundeep Singh
58.	19403027	SIMRANPREET KAUR Simonprut Kour

59.	19403029	ANUREET KAUR	Anutreet
60.	19403032	NAVDEEP SINGH	varbeet singh
61.	19403033	PREM SINGH	Bremsrul
62.	19403036	TWINKLE	Twinkle
63.	19403037	SOURAV	Founar
64.	19403038	HARSHDEEP SINGH	L'angel de
65.	19403039	ISHANT	Ishant
66.	19403040	PUNJAB SINGH	Punjab
67.	19403041	KOMALPREET KAUR	(Kompleskaur
68.	19403042	HARDEEP SINGH	Hardesep
69.	19403043	TANIA JOSHI	TONIA JOSH !
70.	19403044	HARMANDEEP SINGH	HARMANDERK
71.	19403045	ANMOLDEEP SINGH	Anmolder Sigl
72.	19403046	RAHUL	Rahet
73.	19403047	KRISHNA SHARMA	(kithalton
74.	19403048	DAVINDER SINGH	Davinder Singh
75.	19403050	NAVROJ KAUR	Naurol Kow
76.	19403051	SANTBIR SINGH	(Souther)
77.	19403052	HARMANDEEP SINGH	Harmon
78.	19403053	GURNISHAN SINGH	Glunnit
79.	19403054	JAGROOP SINGH	JalyRou P.S.M.
80.	19403055	SHIVAM SHARMA	Shiram Sharp
81.	19403056	SIMRANJEET KAUR	Minto
82.	19403058	SUBHKARMANJIT SINGH	Subylow
83.	19403059	HARWINDER SINGH	Harwinder Su
84.	19403060	ROBINPREET SINGH	Rabia

Hen

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



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.

(Dr. Manbir Singh

HOD

Seminar on FICSI dated 01.09.2021

ਖ਼ਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ Khalsa College Amritsar

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

e-mail: head_fst@yahoo.com Department of Food Science & Technology

Web : www.khalsacollegeamritsar.org

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

No. 7450/FST Dated_3/9/21

Activity Report

Name of Activity	Comisso on FICCI
	Seminar on FICSI
Date	01.09.2021
Resource Person	Mr. RohitShahi
No. of participants	64
	04

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 industryemployable-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 cience & Technology e. Amritsar

Seminar on FICSI dated 01.09.2021



Mr. Rohit during Seminar on FICSI dated (01.09.2021)

	Attendan	Roll No.	Signature
S.No.	Name	21511012	Himani Theley
1	Himani Thakur		Gragondeep bour
2	Giagondeep pour	19501005	antan set have
3	Andal Jot Haules	21511013	Stales Con
4.	Ektadeepkaur	21511008	Roshandeep
5.	Rashandeep Kause	21511033	
6.	Gruerveen Kaur	215/10/1	Grugueen Kaus
7	Aspit Shaama	21511052	Alpit Sharma
8	Kircondoop taux	1950/041	fraiderp taus
8.	Komalpreet Rause	21511021	Komeliveet Ka
10	Sabindon Law	19501007	Satindert
11	Rajpreet Singh	21511041	Rapratizel
12	Limayet kam	a ISI lo as	Survey Law
13	Suprect Kaur	19501015	A CONTRACT OF A
14	Nauleen Haure	21511020	
15	Kanchan	19501036	Banchan
16	Komplyreet Kang	19 501011	Kondpret to
17	Vanchika Shama	215110 50	varshity -
18	Bibraujeet	21511042	Bibran. Nordeep taur
19	Navdeep taux	19501034	
20	Jappietkaus	21511003	Han
21	Simon deep tare	7501022	Strugar
22		215/1039	Parneetkaur
23	Ramandeep-kaur	19501009	Raman
24	Shivan	21511025	And
25	Archit Kumar	21511024	FRA. C
26	Sizah Nazarian Ji	19501108	Singh Netrayam
	Grunpreet Singh	19501091	Guopher Singh
28	Sandli Grover Muskan	19501025	Sandli goover Murkan
30		21511022	Muspoin
30	Shivangi Gupta	19501094	Contra 1
01	Ablien the seeli	19501116	thundles

Seminar on FICSI dated 01.09.2021

Roll No. 21511004 21511023 19501046 20804000 20804023 20804007 20804007 20804007 20804007	Signature Anjuli Shreys Suprect Kau Para & S Sarbjeet Sign Hartig Singh Scurfed Sign Vislan Singh
21511023 19501046 208040001 20804023 20804007 20804007 20804007 20804007	Suprect Kan Suprect Kan Para & S Sanbjeet Sigh Hartin Singh Scuffed Sigh Vishan Singh
19501046 208040001 20804023 20804023 20804007 20804007 20804007 20804007	Supreet Kan Dava & S Sarbjeet Sigh Hartig Singh Scuffed Sigh Nishan Singh
208040001 20804023 20804023 20804007 20804007 20804007 20804007	Care & 2 Sarbjeet Sigl Hartis Sing f Scuffed Sign Nishan Sigl
20804023 20804023 20804007 20804007 20804007 20804007	Sanbjeet Ingl Hartin Single Scurfeet Single Nishan Single
20804023 20804031 20804007 20804007 20804007 20804007	Hartin Single Scurged Single Nishan Single
20804031 20804007 20804007 20804010 18501085	Susted She Nishan Singl
20804007 20804010 18501085	Nishan Singl
20804010	
18501085	4
18501085	Marsoop sigh
	Jespoin.
21804024	Rynpind yrpen
19501050	famandap ka
1801004	Horman
	Tabal
	Purva
a second s	Assupret bus.
	Nakang
19501076	Muskaan
A50/063	Staninder
the second s	Ranandrop 8
	Jog sigl
	Harminderlow
19501070	Simmanjeetfa
19501052	Row 1
	Komal.
19601073	foury.
and the second sec	Sandest
	Suman
	Arthdeep Sinh
	13eg J Sn/h
1950/055	Ablighede
19501066	12 IL
	-
l	19501079 19501079 19501079 19501079 19501079 19501076 19501076 19501076 19501057 19501057 19501070 19501074 19501074 19501077 19501047 19501047 18501047

Seminar on FICSI dated 01.09.2021

DEPARTMENT OF MATHEMATICS

 $\textbf{Title of Programme: 4}^{th} \hspace{0.1 cm} \text{National Webinar on Innovations and Applications in Mathematics}$

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 4 th National Webinar on		
"Innovations and Applications in Mathematics"		
Invited Speaker Dr. Joydip Dhar Professor, ABV-IIITM, Gwalior	Invited Speaker Dr. Himani Arora Assistant Professor, Guru Nanak Dev University, Amritsar Patron Dr. Mehal Singh Principal	

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



◆ 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 For Mathematics P.G. Dept. of Mathematics Khalsa College, Amritsa

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

Attendance of Students Participated:

21219				1		
imestamp Email	I Address	Name of the participant	Designation	Mention Class in case of student	Institution	100000
2-9-2022 13:13:19		Gagandeep Singh	Faculty	manual class in case of states	Khalsa College Amritsar	
2-9-2022 14:19:43 piyus	hpathania20714025@khalsacollege.edu.in	PIYUSH PATHANIA	Student	Msc math sem 4th	Khalsa college amritsar	
2-9-2022 14:21:04 21714	4016rajdeepsingh@khalsacollege.edu.in	Rajdeep Singh	Student	Msc mathematics sem 2	Contraction of the second seco	
2-9-2022 14:21:11 balish		Ramneek	Student	Msc (Hons.) Mathematics	Khalsa College Amritsar Khalsa College	
2-9-2022 14:24:38 dksid	hu97@icloud.com	Davinder kaur	Student	Msc maths(4th sem)	and the second s	
2-9-2022 14:28:28 chara	indeepsingh20714027@khalsacollege.edu.in	Charandeep singh	Student	Msc maths	Khalsa college Amritsar	
2-9-2022 14:28:55 jaska		Jaskaranjot singh	Student	Msc mathematics	Khalsa College Amritsar	
2-9-2022 14:33:23 21726	5008preranapatil@khalsacollege.edu.in	Prerana Patil	Student	MSc. (hons.) Maths Sem 2	KHALSA COLLEGE	
2-9-2022 14:43:02 koma		KOMAL LOONA	Student	Msc hons maths	Khalsa College Amritsar Khalsa college amritsar	
2-9-2022 14:45:50 ancha		Anchal Sharma	Faculty	inser india indura	Khalsa College Amritsar	
2-9-2022 14:49:21 Koma	ilpreetkhaisa096@gmail.com	Komalpreet Kaur	Student	Msc. Maths sem 4	Khalsa College Amritsar	
2-9-2022 14:58:04 manp	reetkaur20714017@khaisacollege.edu.in	Manpreet kaur	Student	M.Sc. (Mathematics)	Khalsa college , Amritsar	
2-9-2022 15:03:45 kaum	The second s	Mehakdeep kaur	Student	Msc mathematics	Khalsa college amritsar	
2-9-2022 15:04:52 smgs)	hamounbhatti0001@gmail.com	Shamoun Masih	Student	Msc mathematics	Khalsa College Amritsar	
2-9-2022 15:05:33 japnee	etsingh@khalsacollege.edu.in	JAPNEET SINGH	Faculty		KHALSA COLLEGE AMRITSAR	
2-9-2022 15:10:04 21714	012manmeetkaur@khaisacollege.edu.in	Manmeet kaur	Student	Msc mathematics	Khalsa college	
2-9-2022 15:16:31 NRINI	DRKOR691@GMAIL.COM	Narinder kaur	Student	M.sc mathematics	Khalsa College Amritsar	
2-9-2022 15:22:03 nilank	shadogra44@gmail.com	Nilanksha	Student	M.Sc (hons.) Mathematics Sem 2nd	Khalsa College Amritsar	
2-9-2022 15:44:19 harme	eetsingh19709002@khaisacollege.edu.in	Harmeet Singh	715 77 10	B.sc Math hons: Sem 6	Khalsa college Amritsar	
2-9-2022 15:44:30 Jaskar	ranpreet387@gmail.com	JASKARANPREET SINGH	Student	B.Sc. (Hons.) Maths Sem-6	Khalsa College, Amritsar	
2-9-2022 15:44:47 manik	sharma19709042@khalsacollege.edu.in	Manik sharma	Student	B.sc. Mathematics	Khalsa college	
2-9-2022 15:45:17 ndhim	a 19709050@khalsacollege.edu.in	Ridhima	Student	B.sc. (Hons.) Mathematics sem-VI	Khalsa college, Amritsar	
2-9-2022 15:47:30 kritika	isharma19709014@khalsacollege.edu.in	Kritika Sharma	Student	Bsc.hons.Mathematics sem 6	Khalsa College, Amritsar	
2-9-2022 15:49:19 lovele	enkaur19709029@khalsacollege.edu.in	Loveleen kaur	Student	B.Sc (hons) mathematics sem6	khalsa college amritsar	
2-9-2022 15:49:47 guriee	enkaur19709019@khaisacollege.edu.in	Gurleen kaur	Student	Bsc maths (hons)	Khalsa college	
2-9-2022 15:52:01 jashar	nd061@gmail.com	Jashandeepkaur	Student	Bsc honors mathematics 6th sem	Khalsa college	
the second s	rtsingh 19709036@khaisacollege.edu.in	Manjot Singh	Student	BSc. Mathematics (Hons.)	Khalsa College Amritsar	
2-9-2022 15:54:52 ratand		Ratandeep	Construction of the local division of the	Bsc Hons. maths sem 6	Khalsa College	
and the second se	eetkaur 19709007@khalsacollege.edu.in	Harpreet Kaur	in the second	Bso hons math sem 6	Khaisa College	
	npreetkaur19709054@khalsacollege.edu.in	símrenpreet kaur	Marken and Street and	CALIFORNIA CONTRACTOR OF A	khalsa college	
and an other states of the state of the stat	reetkaur19709021@khalsacollege.edu.in	- All Martin and All All All All All All All All All Al		Bsc(hons) Mathematics sem 6	Khalsa College, Amritsar	
and the second se	etkaur 19709008@khalsacollege.edu.in	Constant of the second s	Contraction of the local data		Khalsa college Amritsar	
	eetkaur 19709062@khalsacollege.edu.in	STATISTICS CONTRACTOR	-		Khaisa college Amritsar	
	State of the Art of th	and the second se			Chalsa college amritsar	0 h
2-9-2022 16:08:07 21714	011avneetkaur@khalsacollege.edu.in		C		Khalsa college, amritsar. Chalsa college Illar	Voy

2-9-2022 16:13:00	ekta19709039@khalsacollege.edu.in	ekta	Student	bsc (hons) maths sem 6	khalsa college amritaar	
C. C	ramandeepkaur19709013@khalsacollege.edu.in	Ramandeep kaur	Student	Bsc.hons.mathematics sem6	Khalsa College Amritaar	
	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 collega	
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	Low Property in
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	21726004anureetkaurdhillon@khalsacollege.edu.in	Anureet Kaur Dhillon	Student	M.Sc(Hons) Mathematics	Khalsa College Amritsar	
	chandanbhagat19709043@khalsacollege.edu.in	Chandan Bhagat	Student	Bsc Hons Maths Sem 6	Khalsa College Amritsar	
	tanpreetkaur 19709041 @khaisacollege.edu.in	Tanpreet Kaur	Student	Bsc (Hons.) Maths	Khalsa College, Amritsar	Sec. 10
	navroopkaur19709004@khalsacollege.edu.in	Navroop kaur	Student	Bsc(hons) mathematics sem6	Khaisa College Amritsar	
STATISTICS AND ADDRESS OF	kaurharmohit@gmail.com	Harmohit kaur	Student	Msc maths sem (4)	Khalsa College Amritsar	
STATISTICS IN ACCOUNTS AND ADDRESS	harleenkaur20714005@khalsacollege.edu.in	Harleen kaur	Student	Msc Mathematics sem 4	Khalsa College, Amritsar	
The second second second second	simranpotter007@gmail.com	Simranjeet kaur	Student	Msc. Mathematics	Khaisa college, amritsar	
and the second se	prabjotsingh204@gmail.com	Sawan Singh	Student	B.sc (Hons) Mathematics	Khalsa College, Amritsar	
	harjinderkuar20714032@khalsacollege.edu.in	Harjinder kaur	Student	Msc(mathematics)	Amritsar	
A STREET OF A STREET OF A STREET OF A STREET	jasmeensuri 123@gmail.com	Jasmeen kaur	Student	Msc(mathematics) sem-2	Khalsa college	
Contraction of the second s	harkirankaur19709003@khalsacollege.edu.in	Harkiran Kaur	Student	Bsc.(hons.) Maths sem-6	Khalsa College	
and the second se	navjodhe@gmail.com	Navpreet kaur	Student	Msc matematics	Khalsa college amritsar	
	harmansandhu099@gmail.com	Harmanpreet kaur	Student	Msc(mathematics)	Khalsa college Amritsar	
	singh jashan001@yahoo.com	Jashanpreet Singh	Student	M Sc Mathematics	Khalsa College, Amritsar.	
2-17-2022 1.09.19	siliginjashahoo ngyanoo.com	Palakoreet kour	Student	Bsc Mathematics (hons)	Khalsa college amritsar	
-21-2022 15:44:33	parakpreeetkour 19705003gkinaisacolloga edu in	CONTRACTOR AND A DESCRIPTION OF A DESCRI	Student	Bsc Hons. Sem 6	Khalsa College Amritsar	
-25-2022 14:44:32	charugupta ray usus registratisaconego esturin		Student	Msc(hons.)Mathematics	Khalsa College, Amritsar	
		A STREAM CLASS IN A	Student	Mac mathematics semester 1	Khalsa College Amritsar	
-26-2022 11:22:23	manpreetoamras1@gmail.com	Congit insu				
2-21-2022 15:44:33 2-25-2022 14:44:32 2-26-2022 10:54:06	palakpreeetkour19709005@khalsacollege.edu.in charugupta19709031@khalsacollege.edu.in PARMEETKAUR21716001@khalsacollege.edu.in manpreetbamra31@gmail.com	Palakpreet kour Charu Gupta Parmeet Kaur Sarbjit kaur	Student	Bsc Hons. Sem 6	Khalsa College Amritsar 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





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

mit ul hi

Copy to:

1. Dean Academic Affairs

2. Registrar

 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



DEPARTMENT OF PHYSIOTHERAPY **7** (0): 0183-5577722 0183-2258097 KHALSA COLLEGE, AMRITSAR

(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 was12:00noon 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 Painwhat 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.

Vanu Vishist (Dr. Manu Vishist)

Head

Head of Department Physiotherapy Khalsa College, Amritsar.



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



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



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



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

KHALSA COLLEGE AMRITSAR PG DEPARTMENT OF PHYSIOTHERAPY List of Participants in Workshop

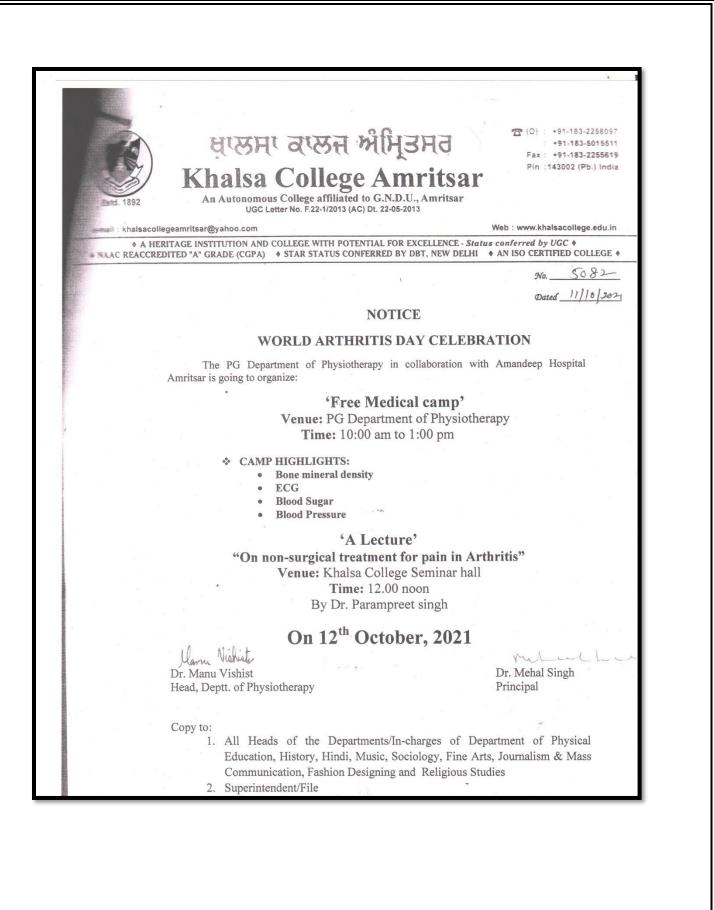
"Awareness of Various aspects of Physiotherapy"

2.Simranjeet KaurFood Science (Student)77103053123.Kiranpreet KaurFood Science (Student)843780786.4.Dr. Harpreet KaurBotany (Asst. Professor)9876604805.Dr. MadhuBotany (Asst. Professor)9872554576.Dr. Sushant SharmaBotany (Asst. Professor)6006024997.Amrit KaurMaths (Asst. Professor)7814360348.Lovedeep SinghAccounts (Clerk)7837923739.Bikramjeet SinghAccounts (Clerk)83602284210.Kawaljeet SinghPgdca (Clerk)981418792711.Daljit KaurOPD Patient988813641212.Varinder KaurOPD Patient981428792713.Jagroop KaurOPD Patient88727825714.Surinder KaurOPD Patient956927464015.Partap SinghOPD Patient985586970817.Balwinder SinghOPD Patient985586970818.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient898586970820.Harjinder KaurOPD Patient998877128821.Sukhpreet KaurOPD Patient988520449424.Anmolpreet KaurOPD Patient9887728825.Ramadeep KaurOPD Patient9887728826.PrernaPhysiotherapy (Student)781405540827.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Stud	S. No.	Name	Department/ Designation	Contact
3.Kiranpreet KaurFood Science (Student)9110307864.Dr. Harpreet KaurBotany (Asst. Professor)98766048005.Dr. MadhuBotany (Asst. Professor)9872554576.Dr. Sushant SharmaBotany (Asst. Professor)60060249927.Amrit KaurMaths (Asst. Professor)7814360348.Lovedeep SinghAccounts (Clerk)78379237339.Bikramjeet SinghAccounts (Clerk)98141879211.Daljit KaurOPD Patient98813641212.Varinder KaurOPD Patient98813641213.Jagroop KaurOPD Patient98813641214.Surinder KaurOPD Patient988201131515.Partap SinghOPD Patient9856970816.NareshOPD Patient985586970820.Harjinder KaurOPD Patient985586970820.Harjinder KaurOPD Patient988580449424.Anmolpreet KaurOPD Patient98857128823.Randeep KaurOPD Patient98877128824.Anmolpreet KaurOPD Patient9887728225.Ramadeep KaurPhysiotherapy (Student)78143520242226.PremaPhysiotherapy (Student)781428540328.Vanya SethPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)981499667029.Jobanpreet KaurPhysiotherapy (Student)8280040329.Jobanpreet KaurPhysio			Food Science (Student)	7889470429
111 <th1< th="">111111</th1<>			Food Science (Student)	7710305312
5.Dr. MadhuBotany (Asst. Professor)9872545776.Dr. Sushant SharmaBotany (Asst. Professor)60060249927.Amrit KaurMaths (Asst. Professor)7814360348.Lovedeep SinghAccounts (Clerk)7837923739.Bikramjeet SinghAccounts (Clerk)83602284210.Kawaljeet SinghPgdca (Clerk)98141879211.Daljit KaurOPD Patient988813641212.Varinder KaurOPD Patient98142879213.Jagroop KaurOPD Patient887278257614.Surinder KaurOPD Patient956927464015.Partap SinghOPD Patient98588700817.Balwinder SinghOPD Patient985586970818.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient98887112823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)62832072525.Ramadeep KaurPhysiotherapy (Student)781405540826.PrernaPhysiotherapy (Student)79872343227.Balraj SinghPhysiotherapy (Student)79875355029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet Kaur<	3.	Kiranpreet Kaur	Food Science (Student)	8437807862
6.Dr. Sushant SharmaBotany (Asst. Professor)501254576.Dr. Sushant SharmaBotany (Asst. Professor)60060249997.Amrit KaurMaths (Asst. Professor)78143603448.Lovedeep SinghAccounts (Clerk)78379237339.Bikramjeet SinghAccounts (Clerk)83602284210.Kawaljeet SinghPgdca (Clerk)981418792711.Daljit KaurOPD Patient98813641212.Varinder KaurOPD Patient981428792713.Jagroop KaurOPD Patient887278257614.Surinder KaurOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient98586970818.Pritpal KaurOPD Patient985586970820.Harjinder KaurOPD Patient985586970821.Sukhpreet KaurOPD Patient988820449422.Rupinder KaurOPD Patient988820449423.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628377273525.Ramandeep KaurPhysiotherapy (Student)78140540826.PrernaPhysiotherapy (Student)9874555027.Balraj SinghPhysiotherapy (Student)798140540828.Vanya SethPhysiotherapy (Student)98149667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Jobanpreet Singh<			Botany (Asst. Professor)	9876604806
7.Amrit KaurMaths (Asst. Professor)78143603448.Lovedeep SinghAccounts (Clerk)78379237339.Bikramjeet SinghAccounts (Clerk)83602284210.Kawaljeet SinghPgdca (Clerk)981418792711.Daljit KaurOPD Patient988813641112.Varinder KaurOPD Patient9888274813.Jagroop KaurOPD Patient9888274815.Partap SinghOPD Patient956927464016.NareshOPD Patient9858801131517.Balwinder SinghOPD Patient985586970818.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient988520490421.Sukhpreet KaurOPD Patient988820449423.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449425.Ramandeep KaurPhysiotherapy (Student)62835792326.PrernaPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)981499667029.Jobanpreet SinghPhysiotherapy (Student)981499000330.Kulwant KaurPhysiotherapy (Student)981499607031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)981499667033.Dr. Aman Navneet KaurP			Botany (Asst. Professor)	9872554578
PrincipalPrincipalPrincipal8.Lovedeep SinghAccounts (Clerk)7837923739.Bikramjeet SinghAccounts (Clerk)83602284210.Kawaljeet SinghPgdca (Clerk)98141879211.Daljit KaurOPD Patient988813641112.Varinder KaurOPD Patient988813641113.Jagroop KaurOPD Patient981428792714.Surinder KaurOPD Patient88727825715.Partap SinghOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970820.Harjinder KaurOPD Patient985586970820.Harjinder KaurOPD Patient9887128821.Sukhpreet KaurOPD Patient988820449422.Rupinder KaurOPD Patient988820449423.Harbhajan SnghOPD Patient98820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)98149667030.Kulwant KaurPhysiotherapy (Student)98149667031.Chitvanjeet KaurPhysiotherapy (Student)98149667032.Taman Navneet KaurPhysiotherapy (Student)98149667033.Dr. Aman Navneet KaurPhysiotherapy (Student)981496670 </td <td>6.</td> <td>Dr. Sushant Sharma</td> <td>Botany (Asst. Professor)</td> <td>6006024993</td>	6.	Dr. Sushant Sharma	Botany (Asst. Professor)	6006024993
9.Bikramjeet SinghAccounts (Clerk)78372284210.Kawaljeet SinghPgdca (Clerk)981418792711.Daljit KaurOPD Patient988813641212.Varinder KaurOPD Patient988813641213.Jagroop KaurOPD Patient981428792714.Surinder KaurOPD Patient8887278257714.Surinder KaurOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient988586970818.Pritpal KaurOPD Patient985586970820.Harjinder KaurOPD Patient985586970821.Sukhpreet KaurOPD Patient988520449422.Rupinder KaurOPD Patient99887128823.Harbhajan SnghOPD Patient99887128824.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)98149667029.Jobanpreet SinghPhysiotherapy (Student)98149667030.Kulwant KaurPhysiotherapy (Student)98140540833.Dr. Aman Navneet KaurPhysiotherapy (Student)98149667034.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)7847672434<	7.	Amrit Kaur	Maths (Asst. Professor)	7814360344
10.Kawaljeet SinghPgdca (Clerk)9804234211.Daljit KaurOPD Patient98148792712.Varinder KaurOPD Patient981428792713.Jagroop KaurOPD Patient981428792714.Surinder KaurOPD Patient887278257715.Partap SinghOPD Patient956927464016.NareshOPD Patient987605918417.Balwinder SinghOPD Patient9858801131517.Balwinder SinghOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient819804755021.Sukhpreet KaurOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)78623483226.PrernaPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)798623483229.Jobanpreet SinghPhysiotherapy (Student)981499667030.Kulwant KaurPhysiotherapy (Student)981428792733.Dr. Aman Navneet KaurPhysiotherapy (Student)98142879234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415 <td>8.</td> <td>Lovedeep Singh</td> <td>Accounts (Clerk)</td> <td>7837923739</td>	8.	Lovedeep Singh	Accounts (Clerk)	7837923739
11.Daljit KaurOPD Patient98813641212.Varinder KaurOPD Patient98813641213.Jagroop KaurOPD Patient981428792714.Surinder KaurOPD Patient887278257614.Surinder KaurOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient98586970818.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient985586970821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)62837772325.Ramandeep KaurPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)7981416540828.Vanya SethPhysiotherapy (Student)7917903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Student)783708960233.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)734167643435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)7341676434 </td <td>9.</td> <td>Bikramjeet Singh</td> <td>Accounts (Clerk)</td> <td>8360228421</td>	9.	Bikramjeet Singh	Accounts (Clerk)	8360228421
11.Daljit KaurOPD Patient988813641212.Varinder KaurOPD Patient981428792713.Jagroop KaurOPD Patient981428792714.Surinder KaurOPD Patient750889874815.Partap SinghOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient988801131517.Balwinder SinghOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient825586970821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)78623483226.PrernaPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)781405540829.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)98149867033.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415	10.	Kawaljeet Singh	Pgdca (Clerk)	9814187927
12.Varinder KaurOPD Patient98142879213.Jagroop KaurOPD Patient887278257614.Surinder KaurOPD Patient750889874815.Partap SinghOPD Patient956927464016.NareshOPD Patient98801131317.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449425.Ramandeep KaurPhysiotherapy (Student)628357792326.PremaPhysiotherapy (Student)78623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)981499667029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)783708960233.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)734167643435.Dr. Amanpreet KaurPhysiotherapy (Asst. Profes	11.	Daljit Kaur	OPD Patient	
13.Jagroop KaurOPD Patient887278257614.Surinder KaurOPD Patient750889874815.Partap SinghOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient988820449424.Anmolpreet KaurOPD Patient988820449425.Ramandeep KaurPhysiotherapy (Student)628357792326.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)98778575029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)981499667033.Dr. Aman Navneet KaurPhysiotherapy (Student)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherap	12.	Varinder Kaur	OPD Patient	
14.Surinder KaurOPD Patient750889874815.Partap SinghOPD Patient956927464016.NareshOPD Patient988801131517.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient985586970821.Sukhpreet KaurOPD Patient628372776822.Rupinder KaurOPD Patient998871128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628320242925.Ramandeep KaurPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981495667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)981499667033.Dr. Aman Navneet KaurPhysiotherapy (Student)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)7341676144	13.	Jagroop Kaur	OPD Patient	8872782576
15.Partap SinghOPD Patient956927464016.NareshOPD Patient988801131317.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755222.Rupinder KaurOPD Patient988820449423.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)981785750828.Vanya SethPhysiotherapy (Student)98149667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)82890900333.Dr. Manu VishistPhysiotherapy (Student)82890900334.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415			OPD Patient	
16.NareshOPD Patient988801131317.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient81804755022.Rupinder KaurOPD Patient99857128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)78623483226.PrernaPhysiotherapy (Student)78623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Student)783708960233.Dr. Manu VishistPhysiotherapy (Student)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)78414168415	15.	Partap Singh	OPD Patient	
17.Balwinder SinghOPD Patient987605918418.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998871128823.Harbhajan SnghOPD Patient998877128824.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)788623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)790177903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667033.Dr. Aman Navneet KaurPhysiotherapy (Student)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415	16.	Naresh	OPD Patient	
18.Pritpal KaurOPD Patient985586970819.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628357792326.PrernaPhysiotherapy (Student)78623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Student)828909000333.Dr. Manu VishistPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)7814168415	17.	Balwinder Singh	OPD Patient	
19.Randeep KaurOPD Patient985586970820.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient998877128824.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PremaPhysiotherapy (Student)784623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)98778575029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)82890900332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415	18.	Pritpal Kaur	OPD Patient	
20.Harjinder KaurOPD Patient628372776821.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient998870128824.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PremaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415	19.	Randeep Kaur	OPD Patient	
21.Sukhpreet KaurOPD Patient819804755022.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)798623483228.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981495667030.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)73414168415	20.	Harjinder Kaur	OPD Patient	
22.Rupinder KaurOPD Patient998877128823.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)73414168415	21.	Sukhpreet Kaur	OPD Patient	
23.Harbhajan SnghOPD Patient988820449424.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)981499667032.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)78414168415	22.	Rupinder Kaur	OPD Patient	
24.Anmolpreet KaurPhysiotherapy (Student)628357792325.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)790177903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)73414168415	23.	Harbhajan Sngh	OPD Patient	
25.Ramandeep KaurPhysiotherapy (Student)628320242926.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)990177903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy (Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)7814168415	24.		Physiotherapy (Student)	
26.PrernaPhysiotherapy (Student)798623483227.Balraj SinghPhysiotherapy (Student)781405540828.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)9807785755030.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415	25.	Ramandeep Kaur	Physiotherapy (Student)	6283202429
27. Balraj SinghPhysiotherapy (Student)781405540828. Vanya SethPhysiotherapy (Student)987785755029. Jobanpreet SinghPhysiotherapy (Student)790177903430. Kulwant KaurPhysiotherapy (Student)981499667031. Chitvanjeet KaurPhysiotherapy (Student)828909000332. Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233. Dr. Manu VishistPhysiotherapy (Asst. Professor)783708960234. Dr. Shubhneet KaurPhysiotherapy (Asst. Professor)734767243435. Dr. Amanpreet KaurPhysiotherapy (Asst. Professor)7814168415	26.	Prerna		7986234832
28.Vanya SethPhysiotherapy (Student)987785755029.Jobanpreet SinghPhysiotherapy (Student)790177903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415	27.	Balraj Singh		
29.Jobanpreet SinghPhysiotherapy (Student)790177903430.Kulwant KaurPhysiotherapy (Student)981499667031.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415	28.	Vanya Seth	Physiotherapy (Student)	9877857550
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			Physiotherapy (Student)	
31.Chitvanjeet KaurPhysiotherapy (Student)828909000332.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415	30.	Kulwant Kaur	Physiotherapy (Student)	
32.Dr. Aman Navneet KaurPhysiotherapy (Asst. Professor)805430490233.Dr. Manu VishistPhysiotherapy(Asst. Professor)783708960234.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415				8289090003
33. Dr. Manu Vishist Physiotherapy(Asst. Professor) 7837089602 34. Dr. Shubhneet Kaur Physiotherapy(Asst. Professor) 7347672434 35. Dr. Amanpreet Kaur Physiotherapy(Asst. Professor) 7814168415				
34.Dr. Shubhneet KaurPhysiotherapy(Asst. Professor)734767243435.Dr. Amanpreet KaurPhysiotherapy(Asst. Professor)7814168415				7837089602
35. Dr. Amanpreet Kaur Physiotherapy(Asst. Professor) 7814168415				
	35.	Dr. Amanpreet Kaur		7814168415
	36.	Dr. Manpreet Kaur	Physiotherapy(Asst. Professor)	8968497676

Principal Khalsa College, Amritsar 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







DEPARTMENT OF PHYSIOTHERAPY 20 (0): 0183-5577722 0183-52258097 (D): 0183-5577720 KHALSA COLLEGE, AMRITSAR

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 nonsurgical 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.

(Dr. Manu Vishist)

Head

Head of Department Physiotherapy Khalsa College, Amritsar.



Students and staff during lecture in seminar hall (12-10-2021)



Dr. Parampreet Singh (Resource person), Dr. Mehal Singh (Principal), Dr. Manu Vishist (HOD)

(12-10-2021)

Department of Physiotherapy

S. No. Roll No. Name Signature Harnet bay 18601001 Harmeet Kaur 1. Harpreet Kaur 18601002 Harpiet Kan Riwo Greet Kar 2 3. 18601003 Anmolpreet Kaur 18601004 Ramandeep Kaur Ramandeep ka 4. Deeksha Bindra 5 18601005 Deeksha Bindree Margel Syl Matakjot Kour Abstinita upral 6. 18601006 Aashmita Uppal 18601008 Manjot Singh 7 8 18601009 Mehakjot Kaur 9. 18601013 Vanshika 10. 18601015 Rabia Shingari Shingan Patia 18601017 Anvi 11 Aun Bhawarpreet Singh Phawar preet mych 12. 18601018 Ascora 13. 18601019 Muskan Arora muskais Aspandeep kan 14. 18601020 Arpandeep Kaur Prabhyot Prabhjot Kaur 15. 18601021 Vienali 16. 18601022 Arshdeep Kaur Vishali 17. 18601023 Hubtul Aala Hubtul 18601026 18. Kirpal Singh Kierfal Si-19. 18601027 Silkhmanpreet bac 20. 18601033 Sukhmanpreet kaur 18601034 Amandeep Kaur Amander thui Nownet Mulkaan Belig Singh Jesme en paus 21. 22 18601036 Navpreet 23. 18601037 Muskaan Kaur 24. 18601039 Balraj Singh 25 18601041 Jesmeen Kaur Harmeet Kour Harmeet Kaur Gill 26. 18601043 27 18601044 Eshita Mahajan Kashish Kashish 28. 18601048 Anjali 29. 18601049 Anjali Astha Mahajan Caylakshini 30. 18601050 Astha Mahajan BKP Rajlakshmi Borah 31. 18601057 Newzg Shorme 32. 17601032 Neeraj Sharma 17601040 Ramandeep Kaur Raman 33.

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

Mehal Principal Khalsa College, Amritsar

Head of Department Physiotherapy Khalsa College, Amritsar.



One day Webinar on "Intro To Robotics" by 19458 Equilibrium.exe and Inspire Minds



Training and Placement Cell KHALSA COLLEGE, AMRITSAR

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

(An Autonomous College)

E-mail : placementcell@khalsacollege.edu.in

Website : www.khalsacollege.edu.in

Dated 28/9/22

No. 249 .1 /TPC

Activity Report

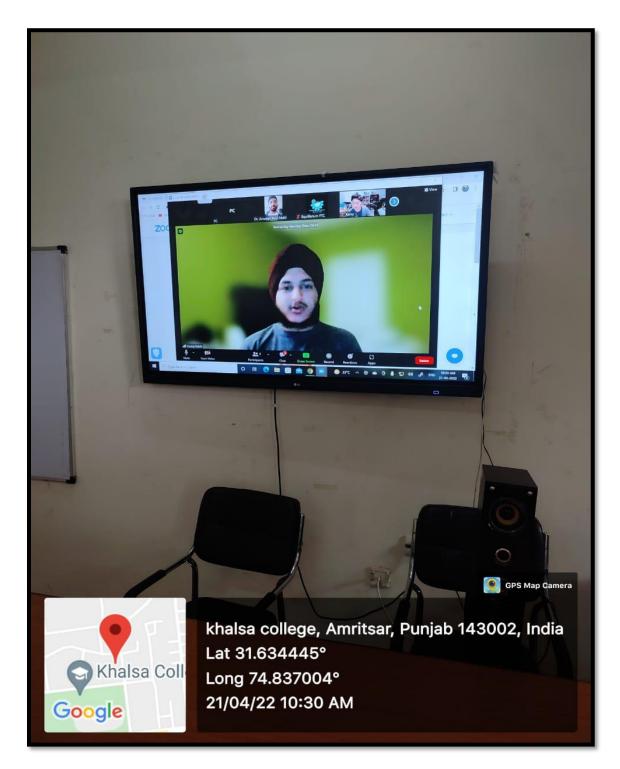
Name of the Event: - Webinar on "Introduction to robotics" Date of Event: 21 April 2022

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.

Hon



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

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

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

DEPARTMENT OF ZOOLOGY

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

M Gmail		Jasjit Randhawa <jaskrandhawa@gmail.cor< th=""></jaskrandhawa@gmail.cor<>
Organization of Activ	vity based Chemistry Teaching Workshop	using Low-cost Teaching Aids.
KULBIR SINGH BATH <kulbin< th=""><th>singh.bath@punjab.gov.in> singhjassi75 <singhjassi75@yahoo.co.in></singhjassi75@yahoo.co.in></th><th>Thu, Nov 11, 2021 at 12:52 F</th></kulbin<>	singh.bath@punjab.gov.in> singhjassi75 <singhjassi75@yahoo.co.in></singhjassi75@yahoo.co.in>	Thu, Nov 11, 2021 at 12:52 F
Sir		
the students. Puniab St	novative methods of teaching can go a long way late Council for Science & Technology under its 5 ST, Govt. of India to popularize and promote scien	STEM Outreach program has been acting on
demonstrate chemistry	SCST has been sanctioned a training workshop teaching using innovative and low-cost teaching tool chemistry teachers of Punjab.	o by Vigyan Prasar, DST, Govt. of India to g aids. The workshop of 3 days duration is
insusecond week of De	ze the workshop in association with Department cember, 2021. All expenses on organization of th to make the following arrangements:	of Zoology, Khalsa College, Amritsar during e workshop will be made by PSCST. Khalsa
- Stay arrangemen	table hall/class-room with facilities of LCD/ ing workshop material and kits. its for about 20 outstation participants for 2 days.	
 Stay arrangement 	ts for Resource Persons (2) and PSCST Officials reakfast, tea and dinner for approximately 35 parti	(4) for 3 days. icipants during the 3 days.
Kindly, send the conse finalized.	ent to organize the workshop at Khalsa College	, Amritsar so that suitable dates could be
Thanking you & with reg	gards,	
Yours sincerely,		
Dr. K.S. Bath, Joint Director (STITFD) Punjab State Council fo Sector 26, Chandigarh.	r Science & Technology,	
	Azadi ka minit Mahotsav	
Letter - Khalsa College 417K	.pdf	
Jasjit Randhawa <jaskrandhav To: KULBIR SINGH BATH <kult< td=""><td>va@gmail.com> oirsingh.bath@punjab.gov.in></td><td>Fri, Nov 12, 2021 at 9:36 Pi</td></kult<></jaskrandhav 	va@gmail.com> oirsingh.bath@punjab.gov.in>	Fri, Nov 12, 2021 at 9:36 Pi
Dear sir, Thanks for the mail. I will be g [Quoted text hidden]	lad to organize this workshop in our college. Kindly send the	dates so that arrangement be made.
Jasjit Randhawa <jaskrandhaw fo: YAHOO! <singhjassi75@yał< td=""><td>/a@gmail.com> 100.co.in></td><td>Sat, Nov 13, 2021 at 3:58 Pt</td></singhjassi75@yał<></jaskrandhaw 	/a@gmail.com> 100.co.in>	Sat, Nov 13, 2021 at 3:58 Pt
		6116993168386737&simpl=msg-f%3A17161169931

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



Ref. No. 20/858

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.



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

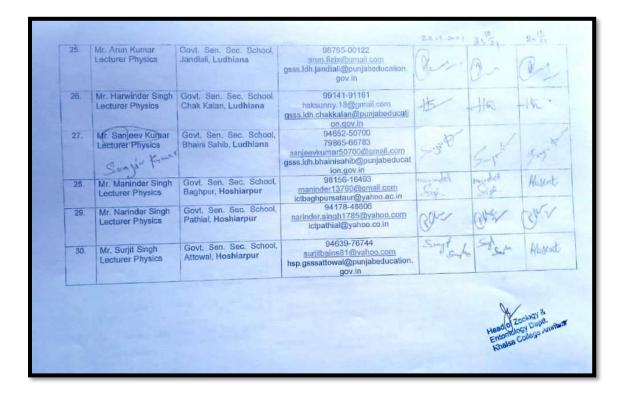
(22-12-2021)

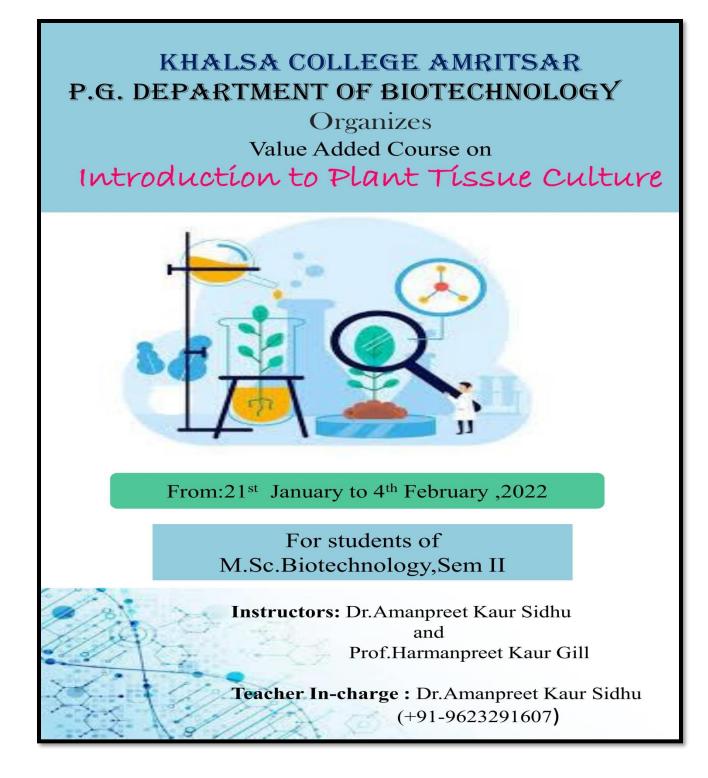
Attendance Chart- Workshop on 'Learning through Low Cost Teaching Aids' (Dec. 22-24, 2021)

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@punjabe ducation.gov.in	Line.	eu-l.	art -
2.	Mr. Sachin Rana Lecturer Physics	Govt. Sen. Sec. School, Jadla, SBS Nagar	80541-83422 ranasachin003@gmail.com sbsnagar.gsss.jadla@punjabeducati ' on.gov.in	E. Rana.	Ston 1	Pina
3.	Mr. Jaspreet Singh Lecturer Physics	Govt. Sen. Sec. School, Bath, Tarn Taran	85915-94999 jaspreetarora62@gmail.com gsss.bath.tarntaran@gmail.com	fit	ifth-	Set
4.	Mr. Rajinder Kumar Lecturer Physics	Govt. Girls Sen. Sec. School, Chohla Sahib Tarn Taran	97806-02029 rajinderkumar0209@gmail.com gsss.chohlasahib.girls.trn@gmail.co m	Frinke	Frend growned	Frightin
5.	Mr. Tejinder Singh Lecturer Physics	Govt. Sen. Sec. School (Boys), Tarn Taran	98557-99700 shabad25teji@gmail.com gsss.tarntaran.boys@gmail.com	Jacigh	Jach	Lenoth
6.	Mr. Deepinder Singh	Govt. Girls Sen. Sec. School, M.S. Road, Amritsar	96469-12348 deepinder5432@gmail.com ggsssmsroadasr@gmail.com	Lepinfe	Depty	Depist
7.	Mr. Sahib Diyal Singh Lecturer Physics	Govt. Sen. Sec. School, Chehharta, Amritsar	95016-05 5 33 sdsingh@yahoo.com asr.gssschheharta@punjabeducatio n.gov.in	salut Angel	Salat Right	the survey

16.	Mr. Ajay Singh Katoch Lecturer	Govt. Sen. Sec. School, Badhani, Pathankot	94654-49606 akatochibs@cmail.com gsssbadhani@punjabeducation.gov.	Dalana	Hoy	Diang
15.	Mr. Manoj Kumar Lecturer Physics	Govt. Girls Sen. Sec. School, Pathankot	78370-30050 namoshiv09@gmail.com pkt.gsssgirls@punjabeducation.gov, in	Hawd	Hand Kunan	yang kumar
14.	Mr. Sarban Singh Science Master	Govt. Sen. Sec, School Smadh Bhai, Moga	70098-95501 sarbanmanuke@gmail.com moga.gssssmadhbhai@punjabeduc ation.gov.in	-crossnfolw	wantiluy	Toroch
13.	Mr. Rahul Goyal Science Master	Govt. Sen. Sec. School Lande, Moga	95604-44337 rahulooyal619@gmail.com moga.gssslande@punjabeducation. gov.in	9117	9177	9117
12	Mr. Kirandeep Singh Science Master	Govt. Senat Sen. Sec. School Machike, Moga	94632-43115 kiranbisp@cmail.com moga.gsssmachhike@punjabeducat ion.gov.in	Viender?	warden of	w sq
11.	Ms. Gurpreet Kaur Lecturer Physics	Govt Girls Sen, Sec, School, Ajnaia, Amritsar	95010-35710 gurk23555@gmail.com ggsssainala.ssr@gmail.com	Gorganstein	Guyrent ba	grapping
10.	Mr. Nikhil Seth Lecturer Physics	Govt. Girls Sen. Sec. School, Mall Road, Amritsar	98142-10632 aethnikhi1982@gmail.com asr.gsssmallrondgirts@punjabeduca tion.gov.in	pohlui th	Matin	where
9.	Ms. Bharti Lecturer Physics	Govta Sen, Sec, School, Sultanwind, Amritsar	79860-68762 bhanisachar83@yahoo.com ggsssultanwindasr@gmail.com	That	phasti	sheeti .
	Ms. Kamayni Lecturer Physics	Govt Sen, Sec. School, Town Hall, Amritsar	95015-00427 kameyni some@gmail.com gssstownhallasi@gmail.com	Kangus	Kandung-	to day

17	Ms. Pooja Tack Leotarer Physics	Army Public School Mamoon, Pathankot	62832-16807 Tackpoola52cmail.com ermypublicschoolmamun@email.co	Y		V
18	Mr. Gurvinder Singh Lecturer Physics	Govt Sen Sec. School, Zafarwal, Gurdaspur	m 78377 16421 gurvinderschi1962mail.com gep.gesszaffarwal@punjabeducatio n.gov.in	- kulin	- Jobel	white
19.	Mr. Prem Singh Lectorer Physics	Govt. Sen. Sec. School. Dhupsarhi, Gurdaspur	n.gov.in 998888-97470 premainstrphylec@gmail.com gsp.gsssdhupsari@punjabeducation .gov.in	Kalonge	hims	henn
20.	Ms. Suchita Pal Lecturer Physics	Govt. Girls Sen. Sec. School, Batala, Gurdaspur	88724-2257 since16jan@amail.com gsp.ggsssbatal@punjabeducation. gov.in	Suchas Par	Swelister? 3	Sudita
21.	Miss Payal Hans Lecturer Physics	Govt. Sen. Sec. School, Magamudian,Gurdaspur	88470-39897 payaihans75@mail.com gsp.gsssmagarmudian@punjabedu cation.gov.in	Inyal	Byal	Payal
22.	Mr. Gurmest Singh Science Master	Govt. High School, Jhandu Wala, Ferozopur	84376-28389 bmsciencephs12@gmail.com ghs.jhanduwalafzr@gmail.com	mal	and	Map
23,	Mr. Gurpreet Singh Science Master	Govt. High School, Piri Ismail Khan, Ferozepur	9-p-10-41, 10-7986023019 arthsingh385@amail.com fzr.ghspirismailkhan@punjabeducati on.gov.in	Contra 2	mable	ogental
24	Mr. Sachin Kumar Science Master	Govt. High School, Chhanga Rai Uttar, Ferozepur	95012-98575 sachin.narang89@gmail.com fzr.gmsthehgujjar@punjabeducation .gov.in	When	the	3-4-





NOTICE:



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

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	Prof.Harmanpreet Kaur	Harmanprat
3.	Concepts of Intellectual Property Rights	M.Sc.Sem II	Dr.Madhvi Sharma Dr.Amanpreet Kaur Virk	Mishaema Amengreet ken visk

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

techaology.

T 35.

(Dr. Kamaljit Kaur) Head

Sead, Department 17:6157

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.
Sectio 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 C	OLLEGE AMRITSAR	KHALSA COLLEGE AMRITSAR 55
Class BSc Sem II	2021-2022	
S Roll Name B	Synamics (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	and a contraction of a state of a
No. No. 21/11	Re 23 25 25 25 23 23 23	No. C C S S S S S S S S S S S S S S S S S
	2345678 9 1011 121314	5 6 7 18 19 2021 24 22 20 20 21 21 20 20 20 20 20 20 20 20 20 20 20 20 20
	23456789101114131415161718	19 20 · · · · 12 22 23 24 24 22 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20
4 Lavleen 1 5 Deepika Arora 1	x y .	 ・ ・ ・
6 Jashandeep Singh 1	23456789(01)12131415161318	19 20 · · · · · · · · · · · · · · · · · ·
10 Subhashree Simp 1	23456789101112131415161718	N 20 21 22 23 24 25 26 27 23 29 20 31 20 23 21 20 20 20 20 20 20 20 20 20 20 20 20 20
16 Nandini Vasal 1	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	1920 21 22 23 24 25 26 27 21 24 30 3) 32 23 24 1 23 3
	234 567 891011 121314	W1817 1819 221 2223 24 25 26 27 28 24 30 31 3 54
25 Meetika 1	23456789101112131415161718	19 20
26 Sakshi Joshi 1	23456789101112131415161710	19 20 21 22 23 24 15 20 27 28 29 30 31 32 53 34 57 40
28 Anjala 1	2345678 91011121314	K 16 17 18 19 20 1 1 1 21 22 3 24 2576 19 14 18
37 Gurioban Singh 1	23456789101112131415161718	19 20 · · · · · · · · · · · · · · · · · ·
38 Jaspreet Kaur 1	23456789101112131415161718	19 20 21 22 23 24 25 26 27 28 21 5031 32 33 34 35 30
	234567891011121314	15 16 17 18 19 22 21 22 43 24 2526 2427 24 33 32
43 Adhyansh 1	234567891011121314	15 15 17 18 19 20 21 22 23 24 23 24 23 26 27 28 29 29 29 30 31 32
49 Gurleen Kour 1	2345678910112131415161718	19 200 22 23 24 0 × 11 (5 25 20 24 32 31 32
50 Aakantsha "	2345678910112131415167718	19 20 1 . 21 22 24 25 26 27 28 19 30 31 52

STUDENTS' ATTENDANCE:

Class BSc Sem II	2021	2022
	Munistron Munistron Brend Bren	
Roll Name	81 81 81 81 81 81 81 81 81 81 81 81 81 8	Total
0	ANNN MONTA	
21701001 Mehakpreet Kaus	<2 3354B5 36 · · · · · · · · · · · · · · · · · ·	40
3 Suthorest Koun	32 53 34 35 36 37 58 39 40	. 40
4 Layleen	2 2 29 20 31 31 33 34 35 34 37 38 39 40	40
5 Deepika Arom	28 29 30 31 32 33 34 35 84	36
6 Jashanders Singh	32 33 24 35 26	40
10 Subhashres Stand	36 57 32 39 40 41 42 43 44 45 46 47 48	48
16 Nandini Varal	3 6 37 38 39 40 41 42 43 44	44
20 Nauroop Kaur	52 · · · · · · · · · · · · · · · · · · ·	40
25 Meetika	52 35 54 35 36 37 38 3940 41 42 43 44	44
26 Sakshie Joshi	36 37 35 39 40 41 42 4344 45 48 47 48	48
28 Anjala	22 09 30 31 32 33 34 35 38 37 38 37 4	40
37 Gurjoban Singb	32 88 34 35 36 33 31 39 40 41 42 43 94	44
38 Jaspreet Kaun	36 · · · · · · · · · · · · · · · · · · ·	44
40 Deepika	32 33 3435 36 37 38 39 40 41 42 43 44 1	44
43 Adhuansh	32	26
49 Gurleen Kour	32 35 37 35 36	40
50 Askantsha	32 34 34 35 34 3 7. 33 39 40 41 42 43	42
and the second s		

STUDENTS' CERTIFICATES:



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

	<	- -					
	ੴਸਤਿਗੁਰ ਪ੍ਰਸਾਰਿ Ph.: 0183-5071707 POST GRADUATE	Phone: 0183-2258097 KHALSA COLLEGE					
Ref. N	DEPARTMENT OF CHEMISTRY	AMRITSAR. Dated					
	NOTICE						
	P. G. Department of Chemistry is going to start 01, 2022. The following instructions are to be followed	Value Added Courses wef February					
	1. Each value added course will be of 30-40 hours durati	on.					
	2. After the completion of the course an exam is to be co						
	3. The paper should be of One hour duration consisting o	f 50 morks					
	 For the courses comprising of theory classes only 25 multiple choices questions of 2 marks each are to be set from whole syllabus. 						
	For courses with both theory and practical components, to be set for theory paper. The practical paper will be of 2.	, 25 questions of One mark each are 5 marks.					
к.	The result alongwith attendance of the students mu Development Centre. List of Value Added Courses						
	S. No. Name of Course						
	1 Food Adulteration & Chemical Testing	Teacher In-charge Dr. Kirandeep. Kaur.					
	2 Application of Computer Softwares in Chemistr						
	3 Basic Principles & Instrumentation of Common	y Dr. Delorro Mahal 1 Dr. Sæma					
	4 Water Quality Analysis	Dr. Havepreet Kan. Dr. Harpreet Kan					
*		Bh.ellu (Heza) /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

<u>Attendence</u>

KHAI	SA COLLEGE AMRITSAR	KHALSA COLLEGE AMRITSAR 36
MIAL	(ms.) Value added 102 2022	Class B.Sc. Sen VI (mus) view added . 20_
Class BSC-Som VI &	chem: court	Lectures
2 Roll Name	Handan Anda Anda Anda Anda Anda Anda Anda	Roll Lectures Brought Te No. 15 16 11 14 92 23 23 1 2 3 Attended Forward Forward Te No. 15 16 11 14 92 23 23 1 2 3 3 4 Attended Forward Forward Forward 5 3 3 5 3 5 5 5 3 5 <
		1970 4001 19 20 21 1222 24 25 20 27 28 29 30 21 32 33 27 35 36
1 19704001 Kemalbreet Kaus		1970403315AA6617 1019 W21 22224 A 60 246 17 50
2 2 19704w3 Amandoop Kaur	2 3 4 5 6 7 A A 8 9 10 11 12 15 14 10 A	19704005 A A A 16 17 13 19 10 A 4 25 44 15 10 10 10 10
3 19704005 Scharphert L.	1 2 3 WAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
		19704009 17 11 19 W 11 A A 15 44 A 17 10 11 201 20 31 20
	12345AFAAAAAAAAAA	19 20 2101 9 0 A 10 12 19 10 10 10 10 10 10 10 10 10 10 10 10 10
- 6 19704011 Samhiti - 7 19704013 Alka	AAAA 123 AA456789000	19 10 40 101 21 11 11 11 11 11 11 11 11 11 11 11 11
- 8 19704010 Allia	1234A56AAAMA78910111	1970401511514 A A A A ISIG A 1111 A A A D D A
- 9 19707018 Vishalini	1234A56AAAAAAAA709	1910401819111F STATE PLANA A A A A A A A A A A A A A A A A A A
- 10/970423 Raghav Hohajan	1234A56AAAAAAAAAA	1970402.51 8 8 9 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
- 11 19704024 Rosmandeep	1234567AAAA39 AHO 1112 13	P1040211100011010101010101010101010101010
- 12 19704025 Munishe	123456AAA709AUAAA11	
- 13 19704026 R agliau Hohajau	AAADAAIAAAAAAAA	19704026511AFMANO10100
- 14/19704027 Pratotowow	123456778910112178	9704027 HIL A A A A A HILLION AND AND AND AND AND AND AND AND AND AN
- 15 1970448 Rivar	12 34AA5AAAAAAAAAAAAA	19704028 1 9 9 11 12 3131 0 0 0 0 2 0 4 2 4 3 4 5
- 16/19 70 yourg Jasperthan william	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1970 40 29 11 11 11 11 11 11 11 11 11 11 11 11 11
17 4704031 Pallavi	123YAASAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	19 70 40 31 A A A A A A A A A A A A A A A A A A
- 18 1970403 Naviet	123456789101112121011161218	The lot of
	1234AASAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	19 JU VIC JU II VIC ALL ALL ALL ALL ALL ALL ALL ALL ALL AL
	LEBY AASAA AA AA AA AA	A A A A A A A A A A A A A A A A A A A
_ 20 14704005 Manuader	I DAVESTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	19704036 11 12 15 19 15 16 11 AF 11 19 10 10 19 19 19 19
= 21 14704036 Taxayeet	123VASCA AAAAA ZOOL	197040381121514 14 14 1911 1011 1017 11 1011 101
= 22 19704038 Crunyit Singh	123456AAAAAAAAAAAAAA	197040 39 9 W 11 A A AIR 12 15 14 10 10 M 11 8 17 10 H
23 14704289 Noha		14040 4019 41 A 22 44 7 42 128 A 20 51 32-33 35
24-19704040 Jashanleep	123456789 kn p 15 Mr 161718	

Class B-Sc. Sem VI	LSA COLLEGE AMRITSAR	
ON 00 Roll No. Name	B.F. Handance B.F.	Class
1 192 19 10404 Lonal breet ka 2 19 2 19 10403 Amandreef ka 3 2 19 3 19 10405 Schaj preet k. 3 19 4 19 10405 Schaj preet k. 4 19 5 19 104009 Saunder ka 5 19 6 19 104009 Saunder ka 6 19 1 9 10401 Samhi ti	(1) 37 38 33 49 49 49 49 49 49 49 49 49 49 49 49 49	
8 19 9 19 2013 Alka 8 19 9 19 2013 Cruzunder 9 19 10 2018 Michael	2 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4	
0 19711 19104023 Raghav Hahaja 1 19712 197024 Ramandeep 2 19713 197025 Munlaha, 2 19713 19704026 Raghav Hali	21 13 10 11 18 19 10 21 28 29 30 31 32 29 30 51 32 33 32 29 30 51 32 33 32 16 17 18 19 10 22	
197 16/14/28 Riege		
17 19 19 19 19 19 19 19 19 19 19 19 19 19	31 32-335 33-36 35 26 27 35 14 15 15 14 15	
121 19704036 Taranjeet 72219704038 Creenist Sugar 72319704039 Neha 72319704039 Neha 2419704039 Jashundeep	12 12<	
Sustiundeep		

Certificates

S.No.	Reg. No. 202 /KCA/SDC/C44EU-II 038
KHALSA COLLE (An Autonomou KHALSA GLO	us College)
SKILL DEVELOP	MENT CENTRE
Certif	icate
This is to certify that Mr./Ms. Komal preet	kaur
s/d/of Amaryit Singh, and Mrs	Cruzit kaur
having pursued the prescribed course in Applications	of computer softwares in chemistry
in the Department of Chemistry	has been placed in <u>A</u> grade.
Brown Registrar / Head, Department of Amritsar	ector Principal pment Centre

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)

PG Department of Chemistry

Khalsa College Amritsar

Announcement Notice:

•	• •	ੴਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ	II
	D C Ph	n.: 0183-5071707	Phone: 0183-2258097
NE		OST GRADUATE	KHALSA COLLEGE
CHALSA COL	DE DE	EPARTMENT OF CHEMISTRY	AMRITSAR.
Ref. N	vo 408	A	Dated 27/01/2022
		Nome	
		R G Development of the NOTICE	
	01, 20	P. G. Department of Chemistry is going to start Va 22. The following instructions are to be followed reg	garding the courses
	1. Eac	h value added course will be of 30-40 hours duration	L
	2. Afte	er the completion of the course an exam is to be cond	ucted 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 mul e to be set from whole syllabus.	tiple choices questions of 2 marks
		set from whole synabus.	
	5. For c	courses with both theory and practical components. 2	5
	5. For c	courses with both theory and practical components, 2 to the for theory paper. The practical paper will be of 25	5
5	5. For c	courses with both theory and practical components. 2	5
5	5. For c to be se	courses with both theory and practical components, 2 at for theory paper. The practical paper will be of 25 r The result alongwith attendance of the students must	5 questions of One mark each are narks.
1	5. For c to be se	courses with both theory and practical components. 2	5 questions of One mark each are narks.
5.	5. For c to be se Develop List of Va	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 r The result alongwith attendance of the students must ment Centre.	5 questions of One mark each are narks.
	5. For c to be se Develop List of Va S. No.	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must ment Centre.	5 questions of One mark each are narks. be submitted to Skill
	5. For c to be se Develop List of Va 1	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must oment Centre. Hue Added Courses Name of Course Food Adulteration & Chemical Testing	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge
\$.	5. For c to be se Develop List of Va S. No.	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must ment Centre. Idue Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep, Kaur
5	5. For c to be se Develop List of Va 1	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must be a student of the students must be a student of the students must be a student of the student of the student of the student of the student of the student of	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kinndeep. Kour. Dr. Delson Mahel
	5. For c to be se Develop List of Va 1 2	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kimudeep. Kau Dr. Jedon Mahal Dr. Sæme Dr. Manalpeet Kau
	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must be a student of the students must be a student of the students must be a student of the student of the student of the student of the student of the student of	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep. Kan. Dr. Babro Mahd Dr. Same
5	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kimudeep. Kau Dr. Jedon Mahal Dr. Sæme Dr. Manalpeet F. and
	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep. Kan Dr. Deborn Mahal Dr. Baborn Mahal Dr. Bacma Dr. Maralpreet Kan Dr. Harpreet Kan
	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep. Kau. Dr. Acbro Mahal Dr. Sæma Dr. Maralpreet Kau. Dr. Harpreet Kau.
	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep. Kan Dr. Deborn Mahal Dr. Baborn Mahal Dr. Bacma Dr. Maralpreet Kan Dr. Harpreet Kan
	5. For c to be se Develop List of Va S. No. 1 2 3	courses with both theory and practical components, 2 et for theory paper. The practical paper will be of 25 m The result alongwith attendance of the students must boment Centre. In Added Courses Name of Course Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments	5 questions of One mark each are narks. be submitted to Skill Teacher In-charge Dr. Kirandeep. Kau. Dr. Acbro Mahal Dr. Sæma Dr. Maralpreet Kau. Dr. Harpreet Kau.

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 Basic Principles and instrumentation of commonly used instrument	21713002	Gurdit Singh				
3	Basic Principles and instrumentation of commonly used instrument Basic Principles and instrumentation of commonly used instrument	21713005	Rajni				
4	Basic Principles and instrumentation of commonly used instrument	21713005	Sukriti Sharma				
5	Basic Principles and instrumentation of commonly used instrument Basic Principles and instrumentation of commonly used instrument	21713000	Simranjit Kaur				
6	Basic Principles and instrumentation of commonly used instrument	21713007	Arasdeep Kaur				
7	Basic Principles and instrumentation of commonly used instrument	21713012	Pawandeep kaur				
8	Basic Principles and instrumentation of commonly used instrument Basic Principles and instrumentation of commonly used instrument	21713014	Sonia Sharma				
9	Basic Principles and instrumentation of commonly used instrument	21713013	Priyanka				
9 10	Basic Principles and instrumentation of commonly used instrument Basic Principles and instrumentation of commonly used instrument	21713010	Anmoldeep Kaur				
10		21713017	Sunaina Sharma				
	Basic Principles and instrumentation of commonly used instrument		2				
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

Chose M.Sc Chem. Sent Value acked. Feb. 20 28 Case Misc Chem. Sent Value acked. Feb. 20 28 88 Name 88 1 / / / / / / / / / / / / / / / / / / /	KHALSA COLLEGE AMRITSAR	Class M.S. Chem Semil
2113202 Phuck and barned 1 2 3 4 2 7 8 9 10 <th>OV Roll Name L<</th> <th>Lectures Brought Total</th>	OV Roll Name L<	Lectures Brought Total
0.4 Barbertin, Sharmadi 1.2 3.4 S. + * * Z Z 7.4 1.0 <td< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>0.2 (k) (1) (3) (4) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3</td></td<>	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.2 (k) (1) (3) (4) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3
15 Sparia	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	b 74 y s] [k] > [k] (h] Sech [22425] 21/21 (k] + 24/24 (k] + 51 [] 2 [] 3 - 25/74 (k] + 22/24 (k] + 24/24 (k] + 20/24 (k] +
19 (Cannock 1 2 3 4 5 6 7 8 9 km 1 2 3 4 5 6 7 8 9 km 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	16 (m/k) (12 col 1) 20 (20 (20 (20 (20 (20 (20 (20 (20 (20
	21 Problect Kow 1 2 34 56 789 MM 120 Mrs 1619 18 22 7ab d Ahmad 1 2 74 56 789 MM 120 Mrs 1619 18	2) 17 29 27 27 27 27 27 27 27 27 27 28 29 28 29 28 29 28 29 28 29 28 29 28 29 28 29 28 29 29 29 29 29 29 29 29 29 29 29 29 29

11		KHALS	A COL	LEGE AMRIT	Jan 20 22	Class
No.	Roll	Name	Ndance B.F. T. T. T. T.	2 4 2 2 2 2	Total	Roll No.
S	000000000000000000000000000000000000000	Mus kan Gusdit Rajni Su krih Sharma Simianjit kaus Priashdeep Papandeep kaus	37 36 3 38 36 37 36 37 3 32 38 3 30 31 3 33 34 3 33 34 3 33 34 3	13 1: 33 3: 37 155 56 5.7 7: 38 33 Yro 47 7.4 Yro 9: 39 Yro 47 7.4 Yro 1.4 3: 59 Yro 9.7 .4 9.7 1.4 1.7 3: 53 3: 94 55 1.6 3.7 3.8 3.9 1.4		
	15	Sopia Sharma Priyanka Anmal deep Kau Sumat Kamat Prophject Jan	32 33 8 34 32 32 35 56 3 36 37 3 36 37 3 36 37 3	y s x		
	32	Zabid Ahmer Dircha Sherma	31 32	32 37 70 41 72 73 74 77 33 37 36 57 36 57 36 57 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		

	1	مرید و برونو م		A STATE															6	/		1000				The state	A STATE OF			100									
_	2021- Class_	22. KHALS Misc (Hom)	A	co			GE	A	M	R 22		SA	R	2	0			Class			K	H	AL	s	A	C	01	LL	E	GI	E A	41	IRI	ITS	A		5 0	3	
S. No.	Roll No.	Name	Attendance B.F.		U 1-2-12	2-2-22	52-22	3-2-22	3-2-2	4-2-22	4-2-2	5 7-2-2	1 8-2-2	8-2-2	5 9-2-22	Total	Remarks	Roll No.	4	8 11-2-2	1-2-21	10-2-2	14-2-20	11	17-2-27	18-2-22	21-2-22	22-2-22	24-2-22	25-2-22	28-2-22	20-2-22	Lectu	res ded	Lect Brow For	ures ught ward	Tota	Romarks	
	2 00 2 5	Muskan Mehak Pierna AkshdeepS		12	3 .	45	6767	8	91091	0 11	12 1 12 1 12 1	3 14 13 14 13 14	15	6 /1 16 / K x	10 18 X X				19	1 20	21 21	220	24	2 2	6 X H 25	28	29 5 28 25 X 3	0 3J 1 51 7 14	X SI S	52 51 12 71 34 3	34 1	11 11 11					17	+	
	7 8 9	Natisha Simsandeeps Chanal		1 2 1 2 1 2 1 2	3	1 15	6 7	2 8	91	10 11	12/	314	15	16 1	7 18 7 18	2			1.	9 20 9 20 9 20 3 19	21 2	22	24	25 26 25 26 24 2	< 27 < 2 < 24	18	7 3	10 31 30 31 8 39	× 32	52 3 33 3 U E	3 34 4 35 2 33	35 34 34							
	17	Akshita		X 2	3	34	5	67	8 4	9 10	1/ 3	××	12	1) /	415				×	16	17 11	s M	20	21 3	2 24	5 24	35 3	16 27	18	21 3	0 31	32-				1.24			
_																															-								
																									+														
-																																			-		-		
																	F																		-				
																	F																						
		-			-																	100										111	-						

		KHALS	A	-									c	Jai	0	-		202	2	
S.No.	Roll No.	Name	endance B.F.	-	5	1-1-	3	3	43	telu	6 M	the							Total	
-	2	Makap	2	37	34	37	40	41	42	43	11	4777	+			-		-		22-
_	3	Dishak		36	37	3.8	37	40	41	42	40	C' IL	-						+	-
	4	Pacino		36	37	3%	57	40	41	42	1.1	1.1	-						1	-
_	5	DichdeepS.		34	35	36	37	38	-37	-	40	47 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-							-
	7	Han man breet		37	28	34	-	-	-1	11	1.7	44	-							-
_	8	Notisha		3.6	37	3.8	3.7	40	41		1	1	-	-	1000	1000				-
	9	Simiandeep	-	57	3.8	39	10	41	43	123	174	42	-					-		-
	11	Chapat		35	34	157	38	1.37	40	41	147	13	-	-				1000		-
	12-	Axshita		33	34	34	36	57	- 60	57	140	1-41		+				-		
		A CONTRACTOR OF A CONTRACTOR O		-			-	-	-	-	-		-	-						
			-	1	-	-	-	-	-	-	-	+ +	-	-	-					
				1	-	-	-	-	-	-	-	+ +	-	-		-	-			
-			-	-	-	-	-	-	-	-	-	+	-	-			-			
			-	-	-	-	-	-	-	-	-	+ +		-	-	-	-			
			-	-	-	-	-	-	-	-	-	+ +	-	-	-		-			
			-	-	-	-	-	-	+	-	-	+ +	-	-	-		-			
_			-	-	+	-	-	+	+	+	+	+ +		-	+		-			
-			-	-	+	-	-	-	+	+	+	+ +	-	-	+		-	+ +		
-			-	-	+	-	-	-	-	-	-	1	-	-	-		-			
_			-	-	-	-	-	-	-	-	-		-	-	-		-			
-			-	-	-	-	-	-	-	-	-		-	-				4	_	+
1000			-	-	+	-	+	-	-	-	-		-							+-
			-	-	+	-	-	-	-		-									1-
-													1000				1			-
	17		-	-	-	-	-		-		-		-							
			-	-	-		-		-				5							
			-				-													1+
			10							1		1	1000							1-
			and the second second		1						100		200	100 C						

VALUE ADDED COURSE

IN

FOOD ADULTERATION & CHEMICAL TESTING



SESSION 2021-22

P.G. DEPARTMENT OF CHEMISTRY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)



S...

੧ੳੇਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ ॥

Ph.: 0183-5071707 POST GRADUATE DEPARTMENT OF CHEMISTRY

Ref. No. 408 A

ę

Phone: 0183-2258097 KHALSA COLLEGE AMRITSAR.

2022 Dated.

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

Name of Course	T
Food Adulteration & Chemical Testing	Teacher In-charge
	Dr. Kirandeep. Kaur.
Application of Computer Softwares in Chemistry	Dr. A.
Basic Principles & Instrumentation of Commonly	Dr. Delsrov Mahal Dr. Sæme
Water Quality Analysis	Dr. Sæma Dr. Navalpieet Ka. Dr. Harpieet Kanv
	Food Adulteration & Chemical Testing Application of Computer Softwares in Chemistry Basic Principles & Instrumentation of Commonly used Instruments Water Quality Analysic

Kem 271 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:

- $1. \quad \text{To detect the adulterants like paraffin wax/hydrocarbons, dyes and argemone in the fats, oils and ghee.}$
- 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

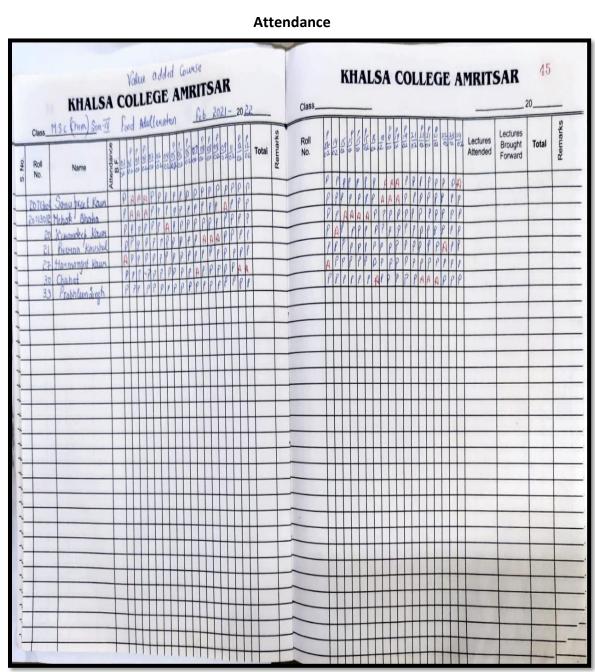
After successful completion of the course, students will be able to:

- 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:

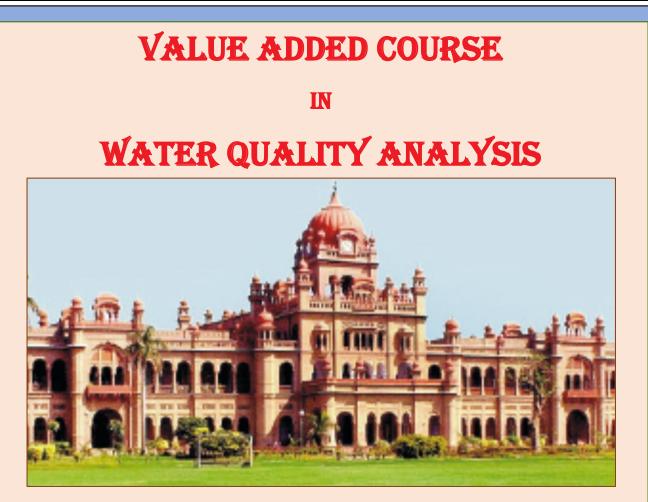
S.No.	Couse Name	Roll No.	Name
1	Food Adulteration & Chemical Testing	20713006	Sanupreet Kaur
2	Food Adulteration & Chemical Testing	20713012	Mehak Bhatia
3	Food Adulteration & Chemical Testing	20713020	Kirandeep Kaur
4	Food Adulteration & Chemical Testing	20713021	Prerna Kaushal
5	Food Adulteration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



	Class	KHALS MSG Chum) Semī	V	4	Foo	d	A	tu	H	UN D	tho	n	 _	fel	F	100	_2	20_1	-
S. No.	Roll No. 20713006 12 20 21	Name Name Sanupruit Kaur Mchak Bhatia	Attendance	4	00	P	Ra	28/00 PPPPPP	<i>е</i>	P 0] 03	P 01 03	D D D D D D D D D D D D D D D D D D D							

Certificates

S.No. 20713006 Reg. No. 202 /KCA/SDC/CHEV-Y07
KHALSA COLLEGE AMRITSAR (An Autonomous College) KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE
Certificate
This is to certify that Mr./Ms. SANUPREET KAUR
S/d/of SAVINGER SINGY and Mrs. MANJIT KAUR
having pursued the prescribed course in FOOD ADULTERATION
in the Department of CHEMISTRY has been placed in A grade.
But Registrar / Head, Department of Amritsar



SESSION 2021-22

P.G. DEPARTMENT OF CHEMISTRY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

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 ATTENDENCE:

No. No. <thno.< th=""> <thno.< th=""> <thno.< th=""></thno.<></thno.<></thno.<>		202	1-2024 KHALS		the a	EGI	E A	MR	aly (ITS Feb	AR, 2022						ł	CHA >	LS	A C	OL	LE	GE	AM	RITS	AR	24		
absometik Examplerik Exa	_	Class_	B.Sc. Medical (Sem	- <u>N</u> th)	- Ale	रे रा	रा धाडे	1 date	रे हैं।	गुडे।	20	21	S	Cla	iss	1.1	र्रात	114			1 at	10/10		-		20	ks	
absometik Examplerik Exa	S. No.	Roll No.	Name	Attendance B.F. 1/2./2.47.	I - rates	11-12/21/20	312/22 -34	11/2/22 -9	- 12/2/5-	12/2/2/2/	22/2/2/12	Tota	Remark		20/02	+ +						12/3/2		ctures	Brought	Total	Remar	
absometik Examplerik Exa	Ja	0702001	Komalpret Kaus	12	36	789	10 11	13 15	16111	8 20 3	2232	4	-		24												-	
evision is an intermediate is a intermediate is a intermediate is a intermediate is a intermediate interm		02	Ramneck Kaus	1.	25	678	9 10	13 16	n 18	18 22 2	0 16 20					2123	252627	28 29	20 31	1 20 3	25 36	37 38	-					
Implementation Impleme	-	03	Suprect Kan	12	34	561	89	11 12	19 15 1	15 17 1	9 20 2	1				. 24	7 2829	30 31	3+33 3	54 35 36	37 38	39 40	-					
Implementation Impleme	-	04	Simanpret Kaus	. 2	243	5 17	8.	11 14	15 16	17 15 2	122	5			24	25 27 2	5 30 31	32 33 3	34 35 3	3 31 38	39 40	41 42						
B Answirtsche State Tales beitsche State	1	05	Lanka Bhaidway	12	2 4	5 6 7	8 9	10 13	14 151	6 17	18 13 2	D			21	2 25	8 29 30	31 32 3	334 3	5 36 37	38 39	40 41						
Implementation Imple	۲	12	Amadech Kaus	1 1 1	2 11 2	0 0 0	1. 11	12 12 1	14 10-1	6 D1	2119 24	>			21	22/24/2	5 2027	28 29 3	0 31 3	2 33 34	35 36	37 38	_					
If is shorted. If is is is is is is in the is in its if it is in the i		14	Simpatiet Kauy	12	2 4 5	567	89	10 13 1	4 15 1	6 17 1	3 13 20	-			21	4 232	2621	19 29 3	0 313	2 33 34	35 36	37 39						_
24 Nohmer Case 1/2 1/2 1/4 1/2		16	Shalon	12	hule	67	83	12 14 1	5 16	11 18 2	0 22 23				24	8212	3031	33 2	H 35 3	31 31	57 40	91 92	-					-
21 Amiliadi Sunda 11 2 B 12 B<	-	18	Manfreet Kair	12	3 4 5	67	85	12 15 1	2 13 1	8 212	71520												-					_
33 Regin Excluding 1 b is to the field (Mith) and the field (Mith	+	20	Nornert Kaus	1 2	2 . 4	61	78	11 14 1	E IL P	7 18 1	124				22 0	3252	1 29	0 31 3	2 33 34	1 35 36	37 38	39 40						
24 Identify 12 54 54 54 54 54 54 54 54 54 54 54 54 54 54 54 54 54 54 54 55 <	1	21	Posia Chad an	1.	234	156	78	10 12 1	13 14 1	5 16 1-	2 13 20				R	4 24 2	21281	9 30 3	1 32 33	34 35	36 37	38 39						
31 6x88.acda, build 1		24	Lovejet	12	34.	56	7 6 1	12 141	5 101	1182	HH	-			24	24 2501	ht LA	0313	2 3334	35 34	37 38	39 40						_
38 Current Lip Lips 14 k = 12 k = 10 k =		3	Rosh &ndech Kaus	1 .	23	456	781	0 12 13	3 14 15	16 15	15 20				7 2	2 74 2	28 29	0313	233 34	35 36	3/ 39	37. 40	-					-
up Vision Lation 1 2 3 M / S (6) 7 (8) 5 / 6 / 1 (5) 5 / 6 / 1 (5) 5 / 6 / 1 (5) 5 / 6 / 1 (5) 7 (6)	-	34	Sumanduplan		123	45	678	3 10 1	2 13 14	1516	17 18		-			1 24	12221	A 30 31	32-33	3435	6 37 1	839						-
1 1	+			12	. 3 4	6 2	189	12 12	10 17	1111	20 4		-			107 2	30 31 32	- 23 34	35 36	37 28 3	19 40 4	1 72	-					-
Si Soave: 0 1 > 3 5 18 19 3 10 10 10 10 10 10 10	+	40	Polat Ma Lain	12	354	78	5 10 11	12 .	13 14	15 17	1815				20 2	1 24 21	28 29 3	2 31 32	33 34	35 36	38 3	19 40						
cs: Multichan Scheume 11 12 23 44 12 14 13 14 1	t														6.2.2	3 1/ 24	20 31 2	2 23 3	35 36	37 39	39 40 4	11 42						
38 Account 0 1 2 5 6 1 1 2 6 1 1 2 6 1<	F			1 .	234	5.	678	3 10 13	3 14 16	16 17	1013				20 2	1 23 25	26 27 2	8 29 30	3 32	33 34 3	5 36 3	7 35						_
38 Account 0 1 2 5 6 1 1 2 6 1 1 2 6 1<				12	3 3 6	78	9 10 1	1 13 16	1718	15 10	4 11				232	4 27 30	3 32 3	3 34 35	36 37	38 39 4	10 47 4	2 43						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		58	Aman	1.	34	56	8 3	11 14	1516	17 20	14 23				24	1 26 24	22293	31 32	33 34	35 363	7 38 3	7 70						
G4 Diradopad Visue II 2 3 4 4 5 6 7 8 5 10 13 5 10 11 22 7 4 7 4 Max (5 2) 5 (5 2) 20 20 20 20 20 20 20 20 20 20 20 20 20	_	59 k	uanderf lang	. 1	235	670	3 3	6 11	13 14	1516	17 18		-		19	24 2326	2/28/2	30 31	32 33	34 35 3	732 3	31						-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	V	63 5	anderp Singer	120	4 5	6 1 8	5 9 10	13 14	17 18	15 20	21 22		-		041	100 26	40 21 2	23 34	35 36	37 38 3	9 40 43	42						-
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-	65 1	ashime	1 . 1	1 4	5 6 .	20 10	1315	16 0	18 20	21 25		-			12/26	12829	30 31	32 33	34 353	5 3735	39						
63 Bickson, Hullington 11 b. b. y 45 65 12 b. y 45 65 12 11 12 13 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 <td></td> <td>0</td> <td></td>		0																										
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		68	Joburn Singh	12	. 4	56-	18 5	10 11	12 12	14 10	11 12	-			18 24	2225	2627 2	29 30	31 32	33 34 3	\$ 36 37	38						_
Roll Name		69 R	ishem Hauet Kom	12	34	56	783	10 11	12 3	14 15	11 12		F		18 20	22 25	2627 2	29 30	31 32	33 34 3 33 34 3	s 36 37 5 36 37	38 38						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $,	69 R	ishem Hhuet Bur Shavya	1.2	34	567	783 85	10 11 10 11 18 13	12 B 12 B 12 IS	14 15 14 15 14 17	16 17				18 20	22 23 22 23 23 25 23 25	2627 25 7627 25 7627 25	24 30 29 30 29 30	31 32 31 32 31 32 31 32	33 34 2 33 34 3 35 34 3	s 36 37 5 36 37 5 36 37	38 38 38						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	C	69 R	KHALS	1 2 1 · 2 1 · 2 A CO	LLE	56 567 567 2024	8 5 7 8 3 8 5 10mm -22	10 11 10 11 18 13 MR	12 B 12 J3 14 I5 ITS	14 15 14 15	11 17 11 17 16 12 Sein 20)	ks	1	18 24	22 23 22 23 23 25 23 25	2627 25 7627 25 7627 25	24 30 29 30 29 30	31 32 31 32 31 32 31 32	33 34 2 33 34 3 35 34 3	s 36 37 5 36 37 5 36 37	38 38 38	E AI	MRIT	SAR	20_	25	
77 Surandrat law 1 k 5 5 1 5 10 11 13 10 14 Л1 12 12 14 14 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	F	65 RJ 71 A Class Roll No.	KHALS	Attendance 11,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,	a Vintes	5 6 6 7 5 6 6 7 estude 20 There as	AT 22 - 19/10 00	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	12 B B B B B B B B B B B B B B B B B B B	All and a set of the s	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Remarks	1	18 24 18 24 74 2 lass	2223 X 23 25	2627 21 25 26 27 25 26 27 25 26 27 25 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27 2	1/3/2010 2/3/2010	32 32 32 32 32 32 32 32 32 32 32 32 32 3	2/3/2017 23 23 23 24 20 2702/2/2 20 2102/2/2 210/2 200/	4 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 4 3	88 33 33 EGI	14/3/2021	Lectures	Lectur Broug	20 es ht To		Remarks
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	F	65 RJ 71 A Class Roll No.	KHALS Baryon KHALS Bar Mada (Sum Name Mankisat Naur	Attendance - 11/2/2 - 11/2/2 - 11/2/2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	TT - a Walk- A. B.	56 7 56 7 56 7 8 56 7 8 56 7 7 47 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	-22 16/1/2 0 0 78 -22 16/1/2 0 0 78 -22 16/1/2 0 0 78 -22 16/1/2 0 0 78 -22	12 10 23 MR (d-ra[7] 2 11 d-ra[7] 2 11 d-ra[7] 2 11	12 B 12 B 12 B 13 B 14 B 14 B 14 B 14 B 14 B 14 B 14 B 14	2 2 18 11 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	1 1 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2) Contraction	Remarks	1	18 24 18 24 7< 2 ass	2223 X 25 227 X 25 24/ X X	2627 25 26 27 25 27 27 25 27 25 27 27 27 25 27 27 27 25 27 27 27 25 27 27 27 27 27 27 27 27 27 27 27 27 27 2	24 30 30 24 29 30 24 29 30 207 2 29 30 207 2 29 30 207 2 29 30 207 2 29 30 207 2 29 30 207 2 29 30 207 207 207 207 207 207 207 207 207 20	31 322 31 32 32 31 33 32 31 33 32 31 33 32 31 33 32 31 31 31 32 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 3	33 34 3 33 33 34 3 33 35 35 72707/2 72707/2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 36 37 5 3	2001/2 10 10 10 10 10 10 10 10 10 10 10 10 10	5 14/3/2024	Lectures	Lectur Broug	20 es ht To		Remarks
80 Johnny red Sect. 12345676910112131416162024 Dros 42278291303333434353534343535343450	F	65 RJ 71 B Class Roll No. 02072 74 S	KHALS. Baryon KHALS. B.Sc Mada- (Sum Name Mondai sat Naus Schlidart Naus		L I' O (FALL)	5 6 6 7 5 6 6 7 2 6 6 7 2 6 6 7 7 4 8 9 7 4 8 9	1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1	10 10 10 MR (d- 417 k 10 0-74/1, 11 13 15	12 B 13 55 TTS 2 074 THAT IS	CALLER 10 10 10 10 10 10 10 10 10 10 10 10 10	11 12 12 12 12 12 12 12 12 12 12 12 12 1	26	Bal	1	18 24 18 24 74 2 ass	2 22 X X 25 2 22 X X 25 2 4/1 X X 25	2627 21 227 24 26 27 25 26 27 25 27 25 27 27 27 25 27 27 27 27 27 27 27 27 27 27 27 27 27	2430 2430 2430 2430 2430 2430 2430 2430	31 32 32 32 33 32 31 32 31 32 31 32 31 32 31 32 32 32 31 32 32 32 32 32 32 32 32 32 32	23 34 2 33 34 3 33 34 3 33 34 3 33 34 3 33 34 3 33 34 3 3 3 34 3 3 3 3	5 36 37 37 36 37 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	58 m m m m m m m m m m m m m m m m m m m	F & 14/3/2024	Lectures	Lectur Broug	20 es ht To		Remarks
8 Mchardub lan 1/2 45 67 83 11 143 1617 (3) 20 11 23 243 37 38 39 40	F	65 RJ 71 B Class Roll No. 74 S 77 S	KHALS. KHALS. bse photo- (Sum Name Mondaisat Name Sekkhuip Nam Umardport Nam	Altendance	1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 2 2 2 2 2	5 6 6 7 5 6 6 7 6 6 7 6 6 7 6 6 7 7 4 7 8 7 6 6 7 7 4 8 6 7 7 4 8 6 7	22 10 10 10 10 10 10 10 10 10 10	10 11 13 10 10 13 MR (12 B B B B B B B B B B B B B B B B B B B	14 15 15 15 15 15 15 15 15 15 15 15 15 15	11 11 12 12 12 12 12 12 12 12 12 12 12 1	и6 Ж	Remarks	1	18 24 18 24 74 2 lass oll o.	2 22 23 X X 23 X X 23 X X 23 X X X 23 X X X X	2627 21 27 27 25 27 25 27 27 27 25 27 27 27 27 27 27 27 27 27 27 27 27 27	24 30 24 30 24 30 24 30 24 30 24 30 24 30 24 30 31 31 31 31 31 31 33 33 33 33 34 35	33 32 32 32 33 33 33 33 33 33 34 33 33 34 33 33 34 33 33	23 34 2 33 34 3 33 34 3 33 34 3 33 34 3 33 34 3 34 34 34 3 34 3	536 37 536 37 537 56 537 56	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	72046/11 3 2 4 4	Lectures	Lectur Broug	20 es ht To		Remarks
52 Vumila (1) (2) (3) (1) (3)<	F	65 R. 71 B Class Roll No. 74 S 77 S 79 C	KHALS Bayyo KHALS Bayoo Bayoo Bayoo Name Monkixat Naur Sakkhdup Naur Umaarpret Naur Jasport Sird	Altendance Altend		2021 11/2 8 9 7 7 11/2 8 9 7 7 7 4 8 9 7 7	$\frac{1}{2} \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ $	10 11 11 10 11 13 13 13 14 14 14 15 15 15 15 17 17 17 17 17 17 17 17 17 17 17 17 17	1 12 12 12 17 17 17 17 17 17 17 17 17 17 17 17 17	14 15 15 15 15 15 15 15 15 15 15 15 15 15	H 11 12 12 12 12 12 12 12 12 12 12 12 12	иь 25 Ц	al	1	18 24 18 24 19 2 19 2 10 2 10 10 10 10 10 10 10 10 10 10	1227 X X X X X X X X X X X X X X X X X X	2627 21 27 27 25 27 2	1 29 30 1 2	3 3 22 22 32 32 32 32 32 32 32 32 32 32	CO 7107/E/J 22 7107/E/J 22 72 72 72 72 72 72 72 72 72 72 72 72		88 33 38 56 33 38 57 35 2 1 2 3 38 58 33 38 58 5 38 58 5 38 58 5 38 58 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	72026171 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al Bemarks	1	18 24 18 24 10 24 10 10 24 10 24 10 24	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al	1	18 24 18 24 10 24 10 10 24 10 24 10 24	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	lei Remarks	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	lei Remarks	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	la Bernarks	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	lei Remarks	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	la:	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al Benerica State	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al Generation Control of Control	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 24 30 21 29 20 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 11 13 10 10 10 10 10 10 10 1	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al Semartic	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 111	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	la	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 111	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	lei Remarks	1	18 2× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3× 3×	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 111	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	sal Semarks	1	18 24 18 24 10 24 10 10 24 10 24 10 24 10 24 10 24	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks
	F	65 R. 71 B Class Coll 02072 74 S 75 S 80 J 80	KHALS Baryo KHALS Bise Midi- (Suu Name Mondrisat Naus Schliduf Haus Umarghreat Sigle (chardice Haus	A theranos A theta theranos A theranos A theranos A theranos A therano	2	2021 Type 8 5 6 7 7 5 6	$\frac{1}{10} \frac{1}{10} \frac$	10 11 11 10 111	1 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	11 11 11 11 11 11 11 11 11 11 11 11 11	H 11 12 12 12 12 12 12 12 12 12 12 12 12	и 25 21 21	al Generation	1	18 24 18 24 10 24 10 10 24 10 24 10 24 10 24 10 24	122 X X X X X X X X X X X X X X X X X X	KH1.	2 29 30 29 30 29 30 24 30 21 29 20 20 20 20 20 20 20 20 20 20	3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 3 3 32 5 4 5 6 0 7 1 E 10 32 3 3 32 3	33 34 3		88 33 33 Tto 7[2] (1 2) 4 2 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 33 Tto 7[2] (1 2) 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	72046/11 2 2 2 2 2 2 2	Lectures	Lectur Broug	20 es ht To		Remarks

ę 98 ਸਤਿਗਰ ਪੁਸਾਦਿ ॥ Phone: 0183-2258097 Ph.: 0183-5071707 KHALSA COLLEGE POST GRADUATE DEPARTMENT OF CHEMISTRY AMRITSAR. 27/01/2022 Ref. No. 408 A Dated .. 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. 5. 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 Food Adulteration & Chemical Testing 1 Dr. Kirandeep. Kau. Application of Computer Softwares in Chemistry 2 Dr. Delsrov Mahal Basic Principles & Instrumentation of Commonly 3 Dr. Sæma Dr. Navalpreet Kam used Instruments 4 Water Quality Analysis Dr. Harpleet Kan 10//2022

VALUE ADDED COURSE

IN

ACCOUNTING SOFTWARE-TALLY



SESSION 2021-22

P.G. DEPARTMENT OF COMMERCE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

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.

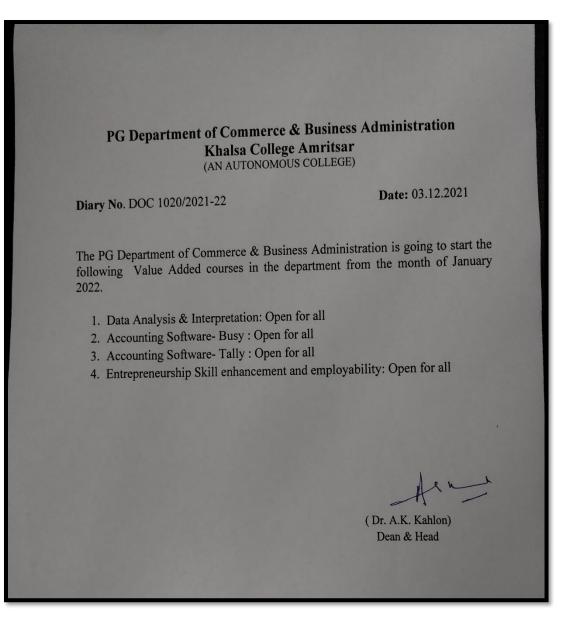
DURATION:

30 Hours

FOR MORE INFORMATION CONTACT:

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

NOTICE



S. No.	Course Name	Roll Numbers	Names
1	Computerized Accounting Software: Tally	19302001	Noordeep
	Computerized Accounting Software: Tally		
2		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
		l	

LIST OF STUDENTS

COURSE CONTENTS

P.G. Department of Commerce and Business Administration

SYLLABUS

Accounting Software-Tally

Paper: VACC-103

Time: 1 Hours

Credit hours per week: 4

Total teaching Hours: 30

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' ATTENDANCE:

Class Value added	COLLEGE AMRITSAR lousse: Computerized Accounting	Software Tally (VACC: 103)	teb -mar 20 (2021-
2 Roll Name 5 No. B. (am (sem 54))	H 100- H 2 9 10 11 12 14 17 11 19 21 22 23 23 23 23 24 26 28 28 28 28 28 28 28 28 28 28 28 28 28	Roll March Lectures Lectures No. 27 1 2 9 1 <th>It Total</th>	It Total
19302001 Noordeep	1 2 2 A 4 5 6 7 A 8 4 10 11 12 13 A A B 1 8 3 4 5 6 A 7 8 9 A 10 11 2 13 A A	N N 16 17 18 19 20 21 22 A 23 8485 A D 26 27 A	
1930 tor Karapput Kan	A 1 & 3 4 5 6 A 1 0 0 10 11 12 A A 13 R		
1 10302009 Aloviet	$\frac{1}{2} \frac{3}{2} \frac{1}{4} \frac{5}{5} \frac{1}{5} \frac{7}{7} \frac{7}$	14 17 A/6/77 A A/A 18 19 30 27 123 20 20 20 20 20 20 20 20 20 20 20 20 20	
19302010 Keshar		1 4 1 5 / d / 3 A 18 19 22 A 10 1 A 22 A 23 A 25 A 23 A 27 A 24 A 27 A 24 A 27 A 24 A 27 A 24 A 24	
19202011 Ritika	A 1 A 2 3 4 A 56 7 8 9 A A A 1 1 1 13 14 1 2 3 4 56 A A 3 8 9 A A A 1 1 1 13 14	15 A16 17 A 18 19 A A 29 2 A 20 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A	
19302014 Abashdeep		ALL 13 18 19 A DESIGN A 19 A DESIGN A 19 1 A DESIGNAL AND A DESIGNAL A DESIGN	
1 1830018 Deepak	1 2 3 1 5 1 0 8 9 10 11 12 13 14 A 15/6 17	イオトレカ はの (A) あん (A) ボス・イン (A) ジェイン (A) ジェイン 13 (A) スロ (A) スロン (A) ジェイン (A) スロン (A) ジェイン (A) ジェイン 25 (A) スロ (A) スロン (A) スロン (A) スロン (A) スロン (A) スロン (A) (A) (A) (A) (A) (A) (A) スロン (A) スロン (A) スロン (A)	
19.302019 Mehinay deep	1 2 4 4 1 5 / 2 8 9 / 0 / 1 14 / 5 / 9 1 5 / 9	A 17/12 19 A 20 12 22 12 24 24 0 24 19 29 19 19 19	- for the -
19020071 Ashish	A 1 23 4 5 6 7 8 9 10 11 12 13 A A 14 15	16/17/18/19/20 A A A 21/28 28 24 25/26/29 28/29 30	
19302034 muskanfreet	1 3 3 A A A 4 5 6 7 8 9 10 11 A 12 13 14	A 15 K 1A A 18 19 2021 22 23 34 25 31 23 92 9	
19:000 T Narayan 19:00035 Sandrep Kaw	AA1224567891011 203 A1415	16 17 8 19 20 A &1 22 32 24 25 A 26 27 28 30 31	
19302035 Sandrep Kau	12245 6289 11/2/3 000 14 15 16	17- 18 14 20-21 22 23 24 25 21 29 38 27 30 A 31 32 A	
	-1 2 34 56 A A 7 89 1041 12 13 14 15 16	PT D 18 10 20 21 22 03 34 25 A A 26 37 38 20 36 31	
19302037 Ranget	123 AUSA6 7A 8 9 1911 12 BM 15	14 13 18 19 24 21 24 AB3 24 1 5 24 21 29 A 20 20	
196039 Jania	1234547891011 A 12 13 1415 14 17	A 1419 24 21 22 23 15 21 22 22 20 31 22 2 A	
19302047 Pawandeep	A1234567891011121314151617	0 18/19/2021 22 23 34 25 24 30 A21 32 32 33	
19302048 Sakah	A123W567891011121314151617	18 19 20 A21 22 24 25 2421 252 A 58 31 32 37	
1950050 Kamal	123456789011213 141514	A 17 18 19 20 A 21 22 23 2421 36 27 38 27 A 30 51	
19202051 guppeet	12345678A91011A1213AM15	11 17 16 19 2001 A 2203 3427 A 26 24 422 20 A 34	
[19302058] Pawandeep Sug	A12345678910117213 141514	13/18/19/20 12 21/22 12 23 24 25 24 29 28 29 30 31 52	
B. Com (sem 21th)H	*		
19303000 Harpreet Kaus	A1 234567 891011 A12314516	7 18 119 20 A 3 1 23 23 24 25 A 26 24 25 7 30 31 32	
19303009 Rubinder Kour	12345678910 11/2/3741516 12	N (12) 19 A 20 20 21 22 23 A 94 25 A 94 25 A 94 25 A	
193000 Jupan Kumar	A12345A678910A 11/12/13/14 15	10 11 10 AB 0 3 133 3 323 4 37 16 39 3 4 20 1 20 30	and the second
19303012 Vimaliel Kan	2345678010121314151617		
19303012 Vimalject Kan 19605017 Harmandeep Kan	1 A2 3 4 567 A 5 9 1011 12 B 145 16	7 1819 20 4 21 23 23 4 9736 27 4 3929 4 20 20 20	
1930301 Nitin	1234567841011 123145144	A 17 18 19 20 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	and the second
9303026 Nishta	A123456789 A1611 12 13 14 13 14	1718 17 20A A 21 22 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A	and the second
930303) Sime gubilet kans	123 4A5 6A 8 9 1011 1218 14 15 19 A	A NOR AND A	a second and a sec

		KHALS	A COLLEGE AMAS	20	Class	
	Class_	SRAVI & BOM FLA	Been VI (Hms)	ks		
S. No.	Roll No.	Name	Epue	Total Rewey	Roll No.	
-	in an	manyor kaun	2 21 32 33 34 35 36 57 25			
	930100	Hailyber Singh	50 x 32 33 38 35 31 37 38 37			
1016	2	Gurleen Kaun	25 34 37 35 39 40 41 4213			
-		Rajbor Singh.	32 35 34 5 36 37 38 39			
-		Harment Sign	30 31 3536 37 38			
		Respireden Sigh	al 32-33 54 35 36 57			
		Keshrch Shama	37 38 39 40 41 4243 44 45			
		Jasnangneet kan	32 33 34 35 36 37 38 19 40			
		Daman Shanna	31 32 33 34 35 36 87 38			
		Rajber Kaun	35 36 37 38 39 40 41 42			
		Rohan Syn	37 28 39 40 41 42 43 44 45			
	60	Harmest Sinch.	28 29 30 34 32 33 34 35 36 37			
	135	Pormandeep Simps	90 32 32 33 34 35 36			
	137	Guyneet Sigh	34 32 33 34 35 36 37 38			
	142	Notich 0	29 50 41 32 50 34 55 36			
		pompet kan	31 52 55 34 35 36 57 28			
193		KanularAshey Sign	18 29 30 31 32 33 34 35 BL			
1		Sukamandeys kan	30 2 32 33 24 25 26 33			
1		Anshour Singh	29 30 7 32 33 34 25 24 20			
-		Annolde op Singh	55 00 37 38 39 40 41 42 45 44 40			
1 million		Necrat taur	33 38 39 40 41 42 42 42 42			
1	1041	Harmanpheet kan	37 58 39 40 41 41 45 44			
Inter	122	Diltay	53 34 45 56 32 58 30 68 38 60 41 10			
1	133	Hartinat Songo Rakejeet kan Navreet kan	24 30 43 30 30 37 37 37 37 37 30 10 37 34 35 35 37 36 37 36 37 36 37 39 37 30 30 37 36 37 36 37 36 37			
12	144	Rakefect Kam	24 32 20 34 35 26 30 88 39			
303						
1000	22	Chasveen traun	36 34 33 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14			
	27	Paldeep kaur	35 75 37 38 39 40 40 40 40 40 40			
1	31	Simanfreet Kan	15 76 17 25 17 10 41 42 43 44 15 25 76 17 25 29 40 41 44 43 44 45			
	The second					har produced and and an and and

STUDENTS' CERTIFICATES:

S.No.	Reg. No. 202 /KCA/SDC/19302018
	EGE AMRITSAR nous College) DBAL REACH
	PMENT CENTRE ficate
This is to certify that Mr./Ms Dup S/d/of Shuidhay Kumay and I	
having pursued the prescribed course in Computs in the Department of Commute	
HLL Registrar / Head, Department of Amritsar	Chatte Director evelopment Centre

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 Mehnajdeep
S/d/of Bikuamjit Lingh and Mrs. Paramigit Kaur
having pursued the prescribed course in Computerized Accounting Software : Tally
in the Department of f has been placed in A^+ grade.
Registrar / Flead, Department of Amritsar
A A A A A A A A A A A A A A A A A A A

Short Term Skill Development Certificate Course

CERTIFICATE COURSE

IN

COMPUTERIZED ACCOUNTING SOFTWARE



SESSION 2021-22

SKILL DEVELOPMENT CENTRE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

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

	Paper – I: Computerized Accounting Software -Tally Prime Paper: CCAS – 1001
	Time: 3 Hours Max. Marks: 100 Theory: 40 Practical: 35 Internal assessment: 25
Note: Af	ttempt any <u>five</u> questions. Each will carry equal marks
Note: 2. The Section	1. The question paper covering the entire course shall be divided into three sections. e candidates are allowed to use [Non-Scientific] Calculator.
It will ha	ave 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. will attempt 8 questions. Each question will carry one mark; the total weightage being 8 marks.
It will co	onsist 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 es will be required to attempt any two questions. Each question will carry 8 marks. The total weightage of this section shall be 16 marks.
It will co Part-II of	onsist 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 f the syllabus. The candidates will be required to attempt any two questions. Each question will carry 8 marks. The total weightage of the section 16 marks.
	<u>Unit – I</u>
Financia used in A Account	ting Fundamentals: Accounting- Definition and Scope, Purpose, Types of Accounts. Objectives of Financial Accounting, Various Branches of Accounting, Terms Accounting, Uses of Accounting information and limitations of Financial Accounting. E-Accounting: Meaning, Features, Role of Computer in ing, Advantages & Disadvantages of Computerized & Manual Accounting Introductions to Subsidiary Books – Journal, Ledger, Trial Financial Statements.
	<u>Unit – II</u>
	ime: Introduction Tally Prime, various facilities available in Tally Installation of Tally Prime - Licensing configurations - Tally Vault Passwor ally Prime Help facility
-	Account Masters, Creating Inventory Masters, Creating a Company, Ledgers, Registers, Petty Books. Vouchers – the Main Inputs - I
	e Tally Prime:
	s – the Main Inputs - II y Control: Maintaining Inventory of some firm/organization, Trial Balance, Profit and Loss account, Balance Sheet, Bank Reconciliation Stateme
	e accounting in Tally, Security Control in Tally.ERP 9, Tally Audit Controls.
Practica	I: Based on above said practical topics.
	Readings: (2016), "Tally – ERP- 9, Financial Accounting", Kalyani Publishers, New Delhi.
	a, Vikram Gupta (2015), "E-Accounting using Tally ERP 9 ", Kalyani Publishers, New Delhi.
	a, 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.

STUDENT ATTENDANCE

Comon +2021-2022 Cont hour Lecture CAS (artificate Course) CAS (artificate Course)	Caure Computing Recording Star 20	
30 95 Roll No. Name 0 9 9 9 9 9 9 10 11 12/3 17 17 <th17< th=""> <th17< th=""> 17</th17<></th17<>	No. 4 6 7 9 10 11 13 14 15 16 17 15 29 21 22 3 24 12 13 14 12 14	
(3) 2197120 Justannel Grandt (4) 2197120 Justannel Grandt 3 String (1) 2197120 Justannel (1) 219712 (2) 219	A A	
6 m 13 Jackader for Carbos Che 1 23 4 5 m C 1 9 9 10 1 12 3 m Cut mells Taxhader Singh 1 25 4 5 m S 7 8 9 9 (average to the formation of t	1) [b] [B] [4] [J] [4] [7] [4] [7] [2] [7] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	

The four Lechure	AMRITSAR Course) (crijicale Course) Class	
Class Start	Roll Oct 1000000000000000000000000000000000000	
$ \begin{array}{c} \hline \\ \hline $		
10 Cow Ruman 1 2 34 5 A 67 8	10 1	
11 Norday Kaan 155 14 12 Johnston 157 14 13 Johnston 166 (1987) 14 14 Jacking a Constant 14 14 Jacking a Constant 14 14 Jacking a Constant 14 15 Cartemagneting 1974	- 1 2 3 4 7 6 7 8 9 4 pp1 12 13 - 1 2 3 4 7 6 7 8 9 4 pp1 12 13	
m 12 Simtan Kaut bur	Takal hour & X 27 love how to her	

STUDENTS' CERTIFICATES:

*		COLLEO	GEAND	10. 21851019
*	ALSA	COLLEC	College	TSA
* *		Estd. 1892		AP
*	SKI	LL DEVELOPMI		
		- Certifica	ate	
This is to cert	ify that Mr./Ms	AJAY PAL	SINGH GILL	
\$ s/d/o	BATINDER PA	L SINGH GILL and	Mrs RANJ	T GIPLL
having pursue	d the prescribed co		RIZED ACCOUNT	NG SOFTWARE
of duration	03 APRIL 2022 to TI	months has been placed ບຸ້ມຮູ້- 2022)	in <u> </u>	e.
T 27	trar	Director, SD		Principal
Amritsar 13-	08-2022	*6		18°.
*****	*****	******	******	******

	ISA	COLLEGE	AMRIT	
4	R			Ap :
	SKII	Estd. 1892 LL DEVELOPMENT	CENTRE	
		Certificate		-
		SIMRAN KAUR		
S/d/o	PALWINDER	SINGH and Mrs.	HARWANT	KAUR
having pursue	ed the prescribed cou	Irse in <u>COMPUTERIZED</u>	ACCOUNTING	SOFTWARE
of duration	03	months has been placed in	B grade.	
CAPRIL	Leby	Director, SDC		ren L - e
Regis	trar /	Director, SDC		Principal

143

VALUE ADDED COURSE

IN

COMPUTERIZED ACCOUNTING SOFTWARE - BUSY



SESSION 2021-22

P.G. DEPARTMENT OF COMMERCE

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

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 CentreHead, Commerce & Business Administration

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 indepth 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 progra	umme, 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

KHAL	SA COLLEGE AMRITSAR AND MAL COLLEGE AMRITSAR AND MAL 20 2022	KHALSA COLLEGE AMRITSAR
KHAL Class BOA VI & BLOWY BANNER BOARD BANNER BOARD BANNER BOARD BANNER BOARD BANNER BOARD BANNER BOARD BANNER BOARD BANNER BOARD CLASS BOARD CLASS B	SA COLLEGE A man 20 2022 Magne Added Correct 20	Class R
105 Harrison and Land 105 Harrison Conference of Conference 105 Harrison Conference 105 Harrison Conference 105 Harrison Conference 105 Harrison Kanne 105 Harri	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

		man to a Rem FT a	A COLLEGE AM		Tat	Class	
	Class_	CRAVI & DUR	A COLLEGE Added Jacue Raded Course	Tota	marks	Roll No.	
S. No.	Roll No.	Name	BL B B B B B B B B B B B B B B B B B B		Re		
	an vi.	and the state of the	₩ 25 26 28 29 20 31 1 2 4 2 6 5 29 b 31 32 33 14 35 36 37 38				
10	130100	manyor kaun	14 36 31 32 33 14 35 20 2 3 10 10 20 20 30 31 W 31 37 5.8 39		-		
Den al la		Havingbor Singh			-		
1.000	8	Gunless train	55 56 57				
	10	Reiber Singh.	1824 57 21 2		-		
	11	Harmed Sign	30 37 35 36 30 38				
	18	Rapinden Singh	31 32 33 34 35 36 37				
		Keshreh Shanna	37 28 39 40 41 4243 44 45				
		Jananguet kaur	32 13 34 35 36 33 36 19 40				
		Daman Sharma	38 52 30 34 35 36 37 38				
	47	Rajbor Kaun	25 36 37 36 39 40 41 42				-
	51	Rohan Syn	37 28 39 40 41 42 43 44 45	i i i i i i i i i i i i i i i i i i i			-
-		Hannet Sign.	28 29 40 14 32 33 34 55 36 32				
	135	Pormandeep Singh	30 24 32 33 34 35 36				
and the second	137	Gurment Sign	31 32 33 34 35 36 37 38				
	142	Notish	29 40 14 32 40 34 35 36			و يو يو يو يو يو يودوسيدوسيدو	-
NR)	-145	pomphet kau	31 32 33 34 35 36 37 28				
1 93	02073	Kanua Athay Son	98 29 30 31 32 33 34 X 31		-		
	82	Seksmandeys leave	30 2 32 33 94 95 24 55				-
	99	Anahur Singh	29 30 31 32 33 34 35 -				+
		Annaldeep Sigh	85 36 37 38 39 40 41 42 45 44 45		-		-
		Neerat taur	33 38 39 40 41 40 41 40				-
	104	Harmanprest Kan	30 55 39 40 41 42 43 44				-
	100	Duline.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1
	183	Hankingt Sough	29 30 4 32 32 34 35 40 50				1
J.	144	Rakyert Kam	N 37 30 34 35 74 30 40 100				1
Barbard .	021	Harkingt Songs Rakifeet Kam Navereet Kam	14 37- 30 34 35 74 30 35 76 18 30 34 35 76 30 38 59 18 30 34 35 35 35 35				
tabo.	22	Chasveen Kaus	1 De al las halas las				
		Baldeep kaun					1
		Garanmeet Kau	25 36 22 2 19 40 40 40 40 40 40		-		
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		

STUDENTS' CERTIFICATES:

	S.No.	Reg. No. 202	2 /KCA/SDC/
City Lines		A GLOBAL REAC	
		VELOPMENT CEN	TRE
	This is to certify that Mr./Ms. Rajbin	Singh Hayer	
	s/d/of Gunpreet Singh Haye	and Mrs. Kanjit Kawy	Hayer
	having pursued the prescribed course in	, Consputerized Accounting	Software: Busy
	in the Department of Commence	has been placed in	A+ grade.
	Registrar / Head, Department of Amritsar	Director Skill Development Centre	Principal

S.No. Reg. No. 202 /KCA/SDC/
KHALSA COLLEGE AMRITSAR
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE
Certificate
This is to certify that Mr./Ms. Darman Sharma
s/d/of Balzan Kumaz and Mrs. Preet Sharma
having pursued the prescribed course in Corributerized Accounting Software: Busy
in the Department of (ommetice has been placed in A+ grade.
Registrar / Head, Department of Director Principal
Amritsar

S.No.	Reg. No. 202 /KCA/SDC/
(An	LLEGE AMRITSAR Autonomous College) GLOBAL REACH
SKILL DEVE	LOPMENT CENTRE
Cer	tificate
This is to certify that Mr./Ms. Neenat	Kaur
s/d/of Dharminder Singh	and Mrs. Jasmeet Kawy
having pursued the prescribed course in	Computerized Accounting Software: Busy
	has been placed in A+ grade.
At her Registrar / Head, Department of Amritsar	Birector Birector Skill Development Centre

Gatz, 1762		Reg. No. 202 / COLLEGE AMRI (An Autonomous College) SA GLOBAL REACH	TSAR
		EVELOPMENT CENT ertificate	RE
	This is to certify that Mr./Ms. Ar	moldeep Singh	
	s/d/of Maninder Singh	and Mrs. Guyinder Ka	U4
	having pursued the prescribed cours	e in Computerized Accounting So	Aware: Busy
100	in the Department of Commence	has been placed in A	+ grade.
	All Maritsar	Director Skill Development Centre	ML – Principal

S.No.	Reg. No. 202 /KG	
	An Autonomous College) GLOBAL REACH	rsar
SKILL DEV	ELOPMENT CENT	RE
This is to certify that Mr./Ms. Diltaj S/d/of Guyshasan Singh		rta
having pursued the prescribed course in	Computerized Accounting Softw	are: Busy
in the Department of Convertee	Director Skill Development Centre	grade.

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.

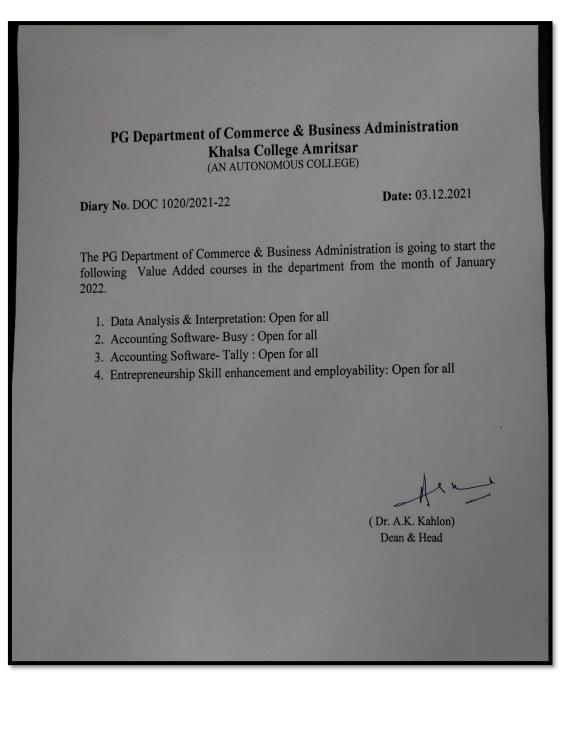
DURATION:

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:



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

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:

Time: 1 Hour

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.

Statical 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:

Cla	KHALS	Do	Valu ta A	e A	ide	an	dou.	file	up	20	tion			20 Clas		- 22			-	TT						_	TS
ON RO	II Name	Attendance B.F.	22 253	1 28 27				772	212	111	212	Total	- Remar	Roll No.	212	21/2	251-1	2812	Alta	7/8	83 9/3	19/1	12/27	1017	617 12	Lectu Atten	nded
	m Sem II		23	4.5	117	89	. 1	0.	11 12	. 13	14									2627	282	30 .	31 32	- 33 3	14 35	36 3	3738
2 2131	R. J. Here I			345	. 6	78	8 (0 11 1	12	1314	- 1	5 16	1	7 18	19	20 '	1.12	024	23 24	4 20	120	222	1.29	130	31 32	33	343
3 2131			231	56	. 7		101	1.	12 13		16	17 18	19 2	0 2	1 22	23 .	220	4 2.5	24	29 3	201	245	234 3	19.1	6 37	38	39 4
	008 Sakshi raunany 014 Gurleen Kaur Bha		. 2 :	345	67	89	. 1	0 11	12 13	14 -	15	16 17 17 18	18 1	7 20	5 21	22	120	24 22	20.0	22	312	2 12 2	113213	234	35	36	57 1
5 21311		m 1	12	345	67	, 8	91	10 11	12 13	14 15	16	17 18	19 2	0 21	21	25 2	5 24	27 24	21 20	31	22 . 12	224	20 21	- 36	3/38	33	40 4
	23 Dapinder Kaur	1	234	56	78	910		213	14 15	1617	18	19 20	21/2	2723	24	210	2 24	25	26 2	128	20 3	0	31 32	37 14	1. 2	5 31	373
7 21311	007 Mohamad Arshad		123	3 4 5	67	89	10 -		12 13			18 19	18	14 20		24	25	26 2	228 21	303	13	. 33	34	30 2	4 17 2	9 32	40 4
\$ 21311			23	45.	67	89		11 12	13 14	15 1	417	18 19	20 :	21 2	1 23	23	4 25	26.	272	821.	20 31	3132	3425	302	7 703	8 4	0 41
9 213110			12.	345	6 7	89	10	-	_			14 15			8 19	201	21 22	272	4 25	26	2 20	21 30	- 31	22	333	24 3	35 36
10 203110		1	23	456	1.7		710	. (1	12-13		_	16 17			. 20			2] .	24				28 30			-	5 36
11 203/10		1	234	5 6	1 7	8 0	1 10		12 13			and have not been	1000	15 1	11 12	18			222	724	25 26			-		-	5 363
12 2031 0			12	345	. 6					111	213	s <u>t</u>						1. 1	5 4 1	128	28 30	. 31		-			18 38
13 203116		- 1	23	456	7 8	91	0 11 1	1213				11 20			21 21	1			526								37 38
14 20316	1 1		23	456	2	. 8 0			1319			17 18			21 2	221	1	107	829	. 20	21 30	1.5	3 74 7	35 26	. 37	71 3	31 40
15 2031100			23	456	7 8	9	_	_			1617	18 19	20'		18 1		252	0 - 1	2223	24/25	- 21	200	8 28 7	2 .	31 32	10 -	33 34
16 20310			23	4 56	7	0	910			213	. 14	151	6	n 1	0 1	41.	10		2405	25.2	1000	2001		31 32	223	135	36 3
		6 1	27	45	67	8 0	7 10	11 11	110-11			16 1-			20 7	211.	22	25	1	50		101	32 37		341	5 26	37 3
17 203100		1	23.	45	-67	8	3 10	1 11	12 1	5 14	· 10	16 17	118	19	20	212	1231	43	42	28 3	4	72	3127	no	1.1	5 36	37 :
18 203162		1	12	345	6 7	8	.9	10 1	12.	13	4 '				19	202	122	25 24	25 21	27	100	1228	28/20	312	2217	3485	31 3
19 2031102			12	345	- 1	18	.9	10 11	12,	13	14 .	151	617.	18	19	202	1	22	23 22	1250	4	1 20	4 30	200	204	102	20
20 2031102	3 Monica		12		56	71	3.9	1011	1.1	2 13	141	5161	718	19	20	211	7.	234	254	2 . 1	128	24 30	- PI	123	2 2 1	1 1	121
21 2031102	5 Rarmandeep Ka		17			11									-					++		-	++	++	++	T	
		-			1																-		++	++	+	++	1
																1							++	+	-	++	+
		-			++						-	-	-	19								1	++		++	++	
1	1										-	-	+					T				1	++		++	++	-
										-		-	-					1	1				+	+	++	++	
1												-	+	-			-	++	++	-	T				11	-	
								122					1	-						-	++						

STUDENTS' CERTIFICATES:

S.No.	Reg. No. 202 /KCA/SD	DC/20311030
	LLEGE AMRITS	AR
	GLOBAL REACH	
SKILL DEV	ELOPMENT CENTRE	
Ce	rtificate	
This is to certify that Mr./Ms. Koma	lþreet kaur	
s/d/of Tarsem Singh	and Mrs. Harwant Kaur	
having pursued the prescribed course in	Data Analysis & Intrepretat	ion (VACC-101)
in the Department of Commerce	has been placed in At	grade.
HLLL Registrar / Head, Department of Amritsar	Chatta Director Skill Development Centre	ML – Principal

S.No.	Reg. No. 202 /KCA/SDC/20311004
	A GLOBAL REACH
	relopment centre
This is to certify that Mr./MsRajw	inder 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	e has been placed inB+grade.
At h 5 Registrar / Head, Department of Amritsar	Clastic Director Skill Development Centre

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

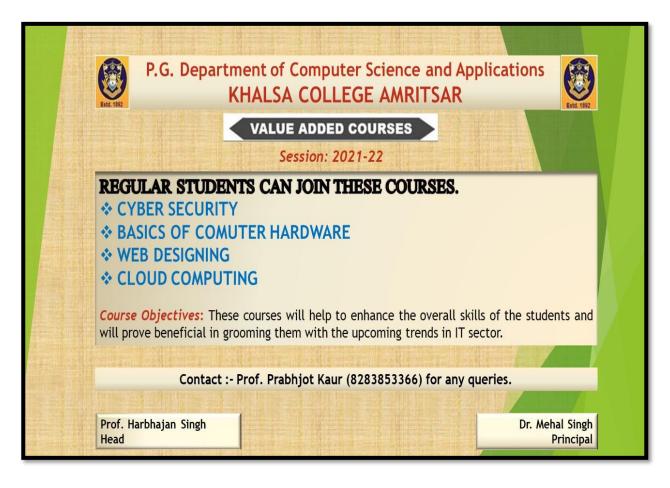
FOR MORE INFORMATION CONTACT:

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

ANNOUNCEMENT NOTICE:

ID IDYZ	(An Autonomous College)		
Vebsite: I	chalsacollege.edu.in	Email: computerscience@khalsacollege.edu.in	
tef. Nod	<u>s-34</u> A	Date 10 2/22	
		NOTICE	
D.C. I	Department of Computer Scie	ence & Applications is going to commence following	
P.G. 1	Department of Computer Sele	And Applications is general and the students from 14th February	
Value Ad	ded Courses for the Undergra	aduate and Post- Graduate students from 14th February	
2022:-			
S.No.	Value Added Course		
1.	Cyber Security		
2.	Basics of Computer Hard	dware	
3.	Web Designing		
4.	Cloud Computing	II dills of the students and will prove beneficial	
4. These co in groom	urses will help to enhance the ing them with the upcoming t	e overall skills of the students and will prove beneficial trends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses. Head	
4. These co in groom	urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.	
4. These co in groom	urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.	
4. These co in groom	urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.	

BROCHURE:



S.No.	Course Name	Roll No.	Student's Name
1.	Cyber Security	20403019	GurleenKaur
2.	Cyber Security	20403017	Nirbhaivdeep 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	BaljitKaur
12.	Cyber Security	21801053	KawaljitKaur
13.	Cyber Security	21801020	Taranpreet Singh
14.	Cyber Security	21801005	Harekampreet Singh Bhatia
15.	Cyber Security	21801007	PavneetKaur

LIST OF STUDENTS:

COURSE CONTENTS:

P.G. Department of Computer Science and Applications

SYLLABUS

Cyber Security

Value Added Course (CSVA-101)

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

Time: 1 Hour

- 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' ATTENDANCE:

- Class Value Added Course	COLLEGE AMRITSAR We [Cyber Security] Feb Maxid 20 22	KHALSA COLLEGE AMRITSAR
No. Name Hendano	15-22 16-2-22 16-2-22 18-2-22 19-2-22 19-2-22 19-2-22 19-2-22 19-2-22 19-2-22 19-2-22 19-2-22 19-2-22 23-23 23-24 23-23 23-24 23-22	Class Value Added Course [Cyber Scurrity] Leb Harch 30 Roll Total Total Buught Buught Total No. Total Total Allender Buught Total
- 2 20403019 Guyleen Kawa P 2 20403017 NCMbh airdpep S. P	PPAPAPPPAPPAPAPAPP	Attended Drought Total Eg A P P A P P P P P P
<u>4 20403005 Harrit Singh P</u> <u>5 20403023 Orggonpreet Kaur P</u>	2 Р А Р Я Р Р Р А Р А Р Р Р Р А Р Р 2 Я Р Р Р А А Р Р Р Р А Р А Р Р А Р 2 Р Р Р Р Р Р А Я Р Р А Р Р А Р Р А Р 2 Р Р Р Р Р Р А Я Р Р А Р Р Р Р Р	P A A P A P A P A P P P P A P A P A P A
- 7 20403016 Oragandeep Singh A 8 21801063 Afantpreet Kaur P	P P	$\begin{array}{c} P & P & A & P & A & P & A & P & A \\ \hline P & P & A & P & A & P & A & P & A \\ \hline A & P & P & A & A & P & A & A & P \\ \hline P & P & P & P & A & P & P & P & P \\ \hline \end{array}$
- 9 21801030 Balyit Kawa P 10 21801053 Kawaliit Kawa P	PPPPAPPPAPPPAPPPA PPPPAPPAPPAPPPA PAPPPAPPA	Р Р Р Р Р А Р А Р А Р Р Р Р Р А К Р Р Р А Р Р А Р Р Р А К Р А Р Р А Р Р А Р Р Р А Р А Р Р Р А А Р А А
18 21801005 glaxekampyeel singh P 13 21801007 Bryneet Kawn P	PPPPPPAPAPAPAPPA PPPAPPAPAPAPPA PPPPAPARARAPAPPA PPPPARARARAPAPPAP	РР РА РРРРАРРР РАРАРАРРАРРА РАРАРРАРРА
15 21801047 Jashandrep Sigh P	PPPAPAPAAPAPAPPP	PPAPPAPPA RAP

STUDENTS' CERTIFICATES:

	week (etter)
S.No.	Reg. No. 202 /KCA/SDC/ Kott No- 20403005
KHALSA GL	OBAL REACH
SKILL DEVELO	OPMENT CENTRE
Cienta	ficate
0000	D
This is to certify that Mr./Ms. Harjit	Singh
s/d/of Balwinder singh an	The second se
having pursued the prescribed course in	the P state of the second s
in the Department of Comp. Sci & Applii	cation has been placed in <u>p</u> rade.
Ikn	Director Principal
Registrar / Head, Department of Amritsar	Director Principal Development Centre
	Manufacture Contraction
	Reg. No. 202 /KCA/SDC/
(An Au	tonomous College)
	OPMENT CENTRE
Cert	ficate
1	
This is to certify that Mr./Ms	
Stdof Jatender Singh a having pursued the prescribed course in	A COLOR MALE AND A REAL PROPERTY AND A REAL PR
in the Department of Comp. Sci 2. App	
Hen	and the second
Registrar / Head, Department of	Director Principal

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: khalsacollege.edu.in

Email: computerscience@khalsacollege.edu.in

Ref. No. CS - 341 A

Date 10/2/22

NOTICE

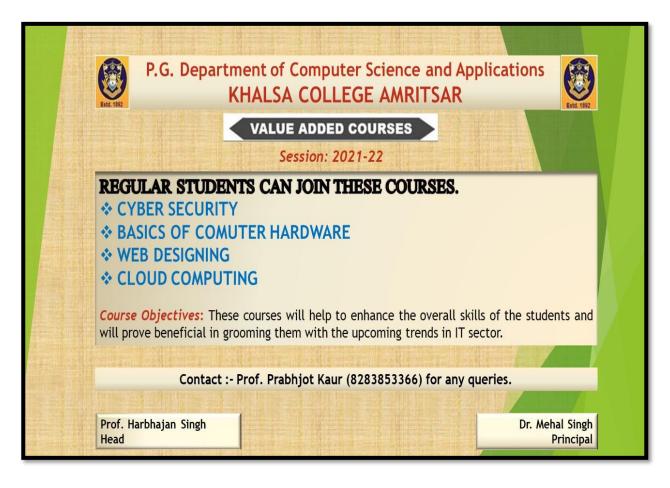
P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-

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.

Stonz Head

BROCHURE:



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)

Max. Marks: 50

Total Teaching Hours: 30

Time: 1 Hour

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 exists 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, Identity and Access Management, Privacy Management, 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, Thomus Erl.

2. Cloud Computing from Beginning to End by Ray J Rafaels.

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:

Thus - 3 hus (200-300 KHALSA COLLEGE AMRITSAR Class Ciloud Competing (Value - Add Gouge) Feb-Hack 2022 (Time: 2-000-3-001 Pm) Class Ciloud Competing (Value - Add Gouge) (Value - Add Gouge) (Value - Add Gouge)	AMRITSAR Total Las Mouseur 20	51
2 Noi Name 8 0 Name 8 0 Name 8 0 Name 8 9/6 U 12/20 15 15 15 15 15 15 15 15 15 15 15 15 15	Lectures Brought Forward	Total 30
1 1945367 Arapited Singer 1 2 3 A 4 A 5 6 7 A 8 9 POA 11/12 13 4 A 6 A 6 1 A 8 9 POA 11/12 13 4 4 6 A 6 1 A 8 9 POA 11/12 13 4 4 6 A 6 1 A 8 9 POA 11/12 13	21	
3 (1945) 10 (1971) 10 (197	25	
6 Wasser Raundull Chat 11/15 MD 6 7 A18 9 10 11/12 13 A MAKE	28	-
8 1440301 Madda 123 45 6 7 8 9 1011 2 3 14 5 6 7 8 9 1011 2 3 14 5 6 A 17	25	
4 Hud 42 Part Mansa 12 A P3 A 4 A 5 6A 78 9 A 10 A 11 D A 13 A 14 B 5 6A 178 9 A 10 A 11 D A 13 A 14 B 5 6A 178 9 A 10 A 12 B 12	18	
11 1940344 Cankingt Kaun 1234567 AA884 1011 B3 141516 ATT 1614 2011 22483 A3526	26	
13 144030/6 K-T CL J L2 34 56 7 CR A 10 011 0 12 14 0 10 12 0 10 0 20 21 22 23	23	
123456A789/00 11/23456A789/0011/23A/11/2 160/7/8/1 20212273/24/2524	25	
- 16 19403030 grid Jeet Singly 12 3 4 5 6 7 8 9 10 All 12 A 13 M/376 17 16 18 20 12 20 12 20 27	27	1

STUDENTS' CERTIFICATES:

3.00
-
_
A
2
-
8
Ċ,

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: khalsacollege.edu.in

Email: computerscience@khalsacollege.edu.in

Ref. No. 5-341 A

Date 10/2/22

NOTICE

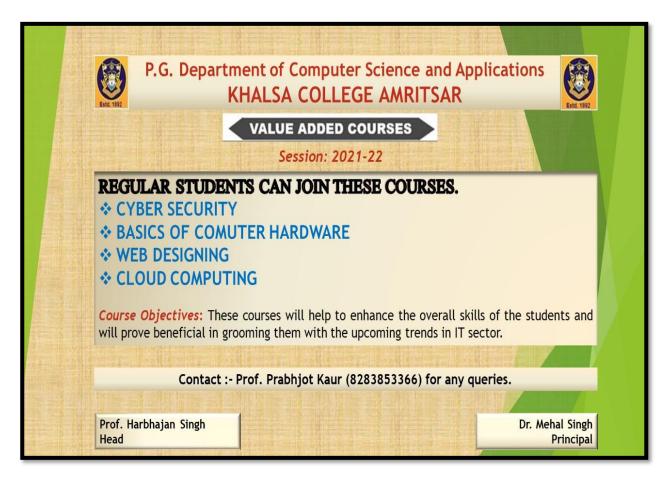
P.G. Department of Computer Science & Applications is going to commence following Value Added Courses for the Undergraduate and Post- Graduate students from 14th February 2022:-

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.

Honz Head

BROCHURE



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)

Total Teaching Hrs: 30

Time: 1 hour

25

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.

Introduction to Computers – Peter Norton Mcgraw Hill.
 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.

Practical:

Max.Marks:50 Theory:

STUDENTS' ATTENDANCE

	Clace)	KHALS	A	Valu CO	DLI G C	LE	Gout	led E	A	M	RI	e. IT	S.	A	R	_2	0 2	2		Í	-															SAR
No.	Roll No.	Name	8						4	11/1/2	8/2/22	0 2/21	13/22	N 3/22	14/17	5 7 103	322	Tota	Remarks	*-	Cla Ro No		12/2 00		TT	T		T		J	Jhe	mpi	ter J	Le	Ape ectures itended	Lectures Brought Forward
214	03008	Amandeep Kaur Ramandeep Kaur Raj want Kaur		12	3	4 3	5 4 5			78	7	8	10	9 10	12	11	12 12 14					07	BB	141	4 15	6 13	1-111	8 19	19 2	0				2	LO LI	
2140	3027 03038	Ramandap Kaur Manpreet Kaur Jashanpreet Kaur		1	300	3 4 5		6	7	29	9	10	11		3	13	5 14 5 14 1 15					27 38 41	15 16 F	16 1	11 3 18 8 19	19 20 20	20	21	23 2	<u>छ</u> स्र				2		
2040	1013	Pardeep Kaur Ripudaman Sigh Nyjet Kaur		12		3	5 6	6	7	3 9	10	10))	12 1	31	4 31	N 15		-			13	15 16 16 16 17		19 19	202	21	22 2*	324	25				2	5	
204	101059	Hayat Sigh Tushar Sigh Suman Kimar Manpreet Kaur		1 2	13	4 :	4 5	676	787	8 9	10	11)0]2]1	12	2 3 1	4 1	3 14					19		6	P 8 19 20	24	21 22	21	24	23					25	
2.04	10/072	Jannatycet Kaue		12	3	4 -	5	6	7	8 <	1	20	11	CL	-	3 (415			-			2 16 1	7 18	19 20	243		23	24 25							
							+				-				+	+	-		-																	-
	_						+								-	-	-											-								
-																		-	-	11								-					-		-	-
-															-	-	-	-	-	11/1								+			+				-	
1-	-																	T		-	-				-			-								

S.No.	Reg. No. 202 /KCA/SDC/
	OLLEGE AMRITSAR (An Autonomous College) A GLOBAL REACH
	VELOPMENT CENTRE
This is to certify that Mr./Ms. far. S/d/of S. Karnail Singh	and Mrs. Daljil taur
having pursued the prescribed course	in Casics of Computer hardmare Applications has been placed in A grade.
Registrar / Head, Department of Amritsar	Courter My - Director Principal Skill Development Centre

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

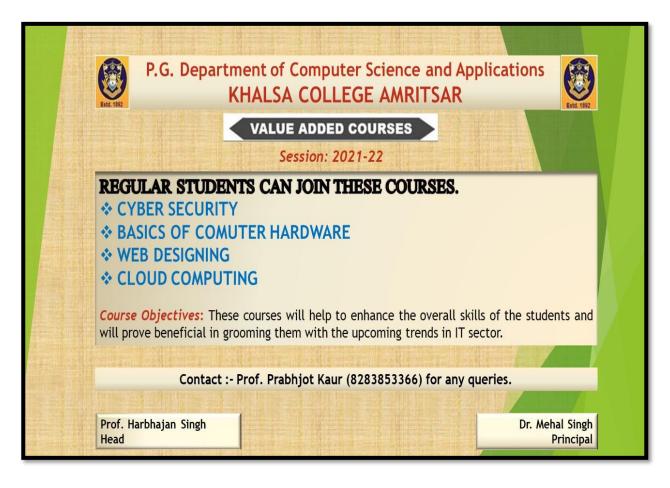
Prof. Harbhajan Singh, (Mob:

Head, Computer Science & Applications

NOTICE

HD 1072		(An Autonomous College)
Vebsite: I	chalsacollege.edu.in	Email: computerscience@khalsacollege.edu.in
tef. NoC	5-341 A	Date 10 2/22
		NOTICE
		ence & Applications is going to commence following
P.G. 1	Department of Computer Scie	ence & Applications is going to commutate from 14th February
Value Ad	ded Courses for the Undergra	aduate and Post- Graduate students from 14th February
2022:-		
S.No.	Value Added Course	
1.	Cyber Security	
2,	Basics of Computer Hard	dware
	Web Designing	
3.		
Card and a second s	Cloud Computing	
4.	Cloud Computing	
4. These co	Cloud Computing urses will help to enhance the	overall skills of the students and will prove beneficial
4. These co	Cloud Computing urses will help to enhance the	overall skills of the students and will prove beneficial trends in IT sector. Interested students can contact Prof.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	trends in IT sector. Interested students can contact Prof.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	trends in IT sector. Interested students can contact Prof.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.
4. These co in groom	Cloud Computing urses will help to enhance the ing them with the upcoming t	rends in IT sector. Interested students can contact Prof. epartment for any queries related to these courses.

BROCHURE:



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	

LIST OF STUDENTS:

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.:**

Max.

marks:50

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.

ITML Tags, Hy

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 <u>Tittel, Jeff Noble</u>

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

STUDENTS' ATTENDANCE:

Time: 1 Hr. KHALSA COLLEGE AMRITSAR	KHALSA COLLEGE AMRITSAR 51
Class Volue Added Course [Web Designing] <u>Pro/March</u> 20 22	class Keb Designing [Volue Added Course] Rep/March 20.22
이지 : Name PUEPUE	
	I6 I7 Ib I7 Ib IA IA <thia< th=""> IA IA IA<!--</td--></thia<>
2 1940 1001 TOHUNDEED KONT 1234567 8 91011 123 NIS 16	17 10 17 40 21 22 23 24 pt 24 pt 21 21 21 22 13 24 pt
3 1940 1019 Dipanshu Joshi 123 4561 - 9 10 11 2 13 4	15 16 17 18 19/20 21 22 23 24 25 24 26 26
4 2040 1093 Sushmite 1 2 3 4 3 6 9 10 11 12 1314	15 14 12 18 19 20 21 22 23 24 24
5 26401677 Fallari	19 po 21 p2 23 24 25 p2 p3 23 1 2 29
2040/113 auneer caut us c 2 8 9 10 11 2 3 4	12 16 14 16 1 16 X 24 23 14 24
1 2000/01 Karlar 1 2 3 4 5 6 7 8 9 10 11 12 13 M 15 16 18 5	19 20 23 23 24 29 10 16 19 24 29 24 29 10 16 19 24 27 29 24
9 2040/143 Mphitpir kaur 123 4567 891011 12 1314 15 16	17 18 19 20 21 22 23 24 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
10 20401126 Sukhma) Singh 1 234564870 112 112	10 11 20 11 20 11 20 22
11 pluggool Inderdeep Singh 123450701	
12 pt403015 (Manumpal Sinon 1 - 3	141920 21 22 23 24 25 26 27 27
	14 Do 21 D1 13 W 25 26 27 27 28
	12 18 19 20 21 22 23 24 25 22 27 27
15 20401076 Novdeep kaur 1 2 3 4 5 9 7 8 9 10 11 10 15 19 15	

STUDENT'S CERIFICATE

11 32	S.No.	Reg. No. 202 /KCA/SDC/
	KHALSA COLLEG	
Eete, 1662		
	SKILL DEVELOPME	NT CENTRE
	Certific	ate
	This is to certify that Mr./Ms. Bhuyon Showma	٤
	s/d/of Alok Sharma and Mrs.	Sonia Shouma
	having pursued the prescribed course in Web Des	signing and and and
1.1	in the Department of Computer Science has t	
	1	
	Registrar / Head, Department of Birector	Principal
	Amritsar	t Centre
and the second se		
	S.No.	Reg. No. 202 /KCA/SDC/
	KHALSA COLLEG	EAMRITSAR
CHIES, 1502		
	KHALSA COLLEG (An Autonomous Co KHALSA GLOBA SKILL DEVELOPM	E AMRITSAR
	KHALSA COLLEG (An Autonomous Co KHALSA GLOBA SKILL DEVELOPM	E AMRITSAR
RAGE TORK	KHALSA COLLEG	E AMRITSAR
	KHALSA COLLEG (An Autonomous Co KHALSA GLOBA SKILL DEVELOPM Certify This is to certify that Mr./Ms. Diponshu Jos.	E AMRITSAR AL REACH ENT CENTRE
	KHALSA COLLEG (An Autonomous Co KHALSA GLOBA SKILL DEVELOPMI Certify This is to certify that Mr./Ms. Diponshu Jos. S/d/of Rom Oopol and Mrs.	E AMRITSAR AL REACH ENT CENTRE
	KHALSA COLLEG An Autonomous Co KHALSA GLOBA SKILL DEVELOPM Certify This is to certify that Mr./Ms. Diponshu Std/of Rom having pursued the prescribed course in Web	AMRITSAR AL REACH ENT CENTRE COLO hi Vajay Josh?
	KHALSA COLLEG (An Autonomous Co KHALSA GLOBA SKILL DEVELOPMI Certific This is to certify that Mr./Ms. Diponshu Jos. S/d/of Rom Copol and Mrs.	AMRITSAR AL REACH ENT CENTRE COLO hi Vajay Josh?
	KHALSA COLLEG An Autonomous Co KHALSA GLOBA SKILL DEVELOPM Certify This is to certify that Mr./Ms. Diponshu Std/of Rom having pursued the prescribed course in Web	AMRITSAR AL REACH ENT CENTRE Cotc hi Vajay Josh? Designing been placed in At grade.

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.

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.

Couse 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:
 - Mastering HTML, CSS & Javascript Web Publishing by Laura Lemay, Rafe Colburn, Jennifer Kyrnin
 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.

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 attempt 5 questions. Each weightage being 10 marks.

weighinge being 10 marks. Section 8: It will consist of easy 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 easy 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

ions. Each questi n 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 backgrou nds. Opacity Property, Transition effect, Transform effect, Animation effects, CSS Media Queries CSS Frame

CSS Framework: Web Site Development using W3.CSS Framework W3.CSS Intro, W3.CSS Colors, W3.CSS Containers, W3.CSS Panels, W3.CSSBorders, W3.CSSFonts W3.CSS Text, W3.CSS Tables, W3.CSS List, W3.CSSImages, W3.CSS Grid,

UNIT-II

Responsive Web Design with Bootstrap: Introduction to Responsive Design, Mobile first design concepts, Comions View-port tag, ion device dimens Using ess 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:

- CO4. Understand the principles of creating an effective web page, including an in-depth consideration of information architecture.
- CO-2. 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.
- CO-5. Embed social media content into web pages.
- CO-6. Investigate client-side scripting uses.

M.M: 100 Theory Marks: 30

Practical Marks: 70

Class	è	ect.	1:0	K				-5	A		C	0	L	L	E	G	E	2	-		nê ,	200	12	51		R	1	021	tuce = 2	2.
Roll No.	T				lam				Endance	BF.		3	100	25	3	25	70	12	14	124	1	-	T	157	25	. =:	1	1	Total	Ē
218520	2 2	2	~	Ka		. Con	~	awalu	2		2	2	2	0	1	0	2	P	2		2	1	1	n	0	1	10	0		Ľ
03	6	2.2	20000	-	5.	26					10	1800	A	101	-	P			1/			A	1º	116	12	1.2	11	12		
06	P	Can	22.0.1	Che	cet.	2					n	A	A	1840	6	1	1999	12	12	12	n	12		15	10		2	3		1
08 09 10	1	260	6au	1	- Cange		200	-gee			P	AL	PA	PPP	PP		AAA	PAR	RAL	8	200	12	19	AAA	P	1	10	1		
12	12		·Ide	4	Siz	in a	4				A	AAP AAR	C	6	11	1	ADP	PA	n	11	6	11	P	A	6	PA	A	1		
13	14	72.00	Can nic		n	BA Sia	ih.	~			P 1	7	a	A	14	2	20	n	1	AA	A	1	222	201	In	AA	12	P	· X	
16		Kaz	1 an	6:4	Ka	Cr.		-			3	2	2	A	n	A	A	P	A	A	A	PA	A	2	2	n	A	P		
19 20	13	ta.	in/sa	de	S	1 de	ic	-		_		91	2	A	01	AL	n n n	A A	A P	nnn	010	n n n	P	APP	9444	1	1	1		
22	~	Jeh Jav	jes	te	PG.	ye	1ª	+		Ľ				n	11	11	n	1	P	2	0	1	Pn	A	1	n	101	P		E
/				-						-							-						-	_						
													+	-	+	+	+	+	-		-		-	-	_	_				
							_	+		+							-						_		_					
											-	-	-	_		_	_			-	1		Game							
Class_2	C.	67	E.	2					•	C	0	-	-	E	G		-		-	# K	-	15		JIE	-	1 20		the	e = 2 ha	-
Roll No.	2		10 15			1			3.5	*	굲			\$.	7,	5	写,	4			ure	T		stu stu	and	-	то	-	Remark	
218 52121		21	2			11			10	A	2	12	10	P	12		P	12	1	_			1			1			1	
00			5 1	51	2	1			12		Charlet .	12	19	12		12	12						1			1				
05		11		11	21					1		1		212	Ŧ	3V		al	21				1	-	-	_	1			
10	,	1	4	6		2	1		21	A				21	2	4	1	2					1				1			
13	2	1	10	01	â	101	01			5	51	0	3	20	3		2	1	12	1			1	-			1	_		
10	>	A	1	1	2	20	0	2	-	200	AL	-	A	12	12	n	12	12	A	1			-		-				/	
	3	2	2	12	16	100	PP	2	1	P	ext la	110	12	12	12			2	711	22			1	1				1		-
	2	1	1	1	17	P	17	PA	1	12	17	P	P	1	12	1	¥.	1		4	_			1	_			1		1
				ŧ	1	1			1	1	1	1	1	1	1	1	1	-1	-									1	\leq	1
		+	+	+	+	+	+	+	1	1	1	+	1	+	1	-1					+				+					
								•		•								•		•		d with			•					
					÷.,	ĸ	H	IA	L	S	A			▶∎	_1	Æ	C	ÈE	e .	A	[1]	R	T	S	A	P	K.	tnee	= 2 mg	
	0	Clas	s_/	Vic	tite	Care 1	esi	2010	y_0	chi	71	171	me	0	ap	ce	T	->	T	T	1	-	T				T	20_	1	-
S.No.		Roll No.	ă I			~	lan	ne			Attendance	1	7	27															Total	Damade
	21	2.52	oc1								¥	1.	at	0	1	+	+	-	-	-	-	-	-		-	-	~	-	-	+
2	215	1520	03	G	us je	2011	0	ing	6	loait			P	1	<	500	1	1		1	-	5	-		-					+
<i>i</i>	216	520	and	12	nel and	Kaa	20 .	Chá	1m			ľ	A	P	-		-	-	-	-	-	-		~	1		1	-		+
	218	520	07	Sa	2000	nite	c.l.	Ko	rec-	-	-	ľ	A	11111	1	1	+	1			-	-	1			1	1	~		-
«	218	520	09	CO	10	1/2 de	1	inge	PR	lorg	1	-	PA	1	-	1	-	1	1	2	-								~	
-	218	520	11	5	ale	1100	1.	51	na		-		6	1	-	1		1	-							1			~	
	210	201	13	P	2000		in	11	3.60	tic			1	A	2	1	-	1	2	-		1	1				1	1		_
144	210	201	15	-70	and	ch	7	Par	4-				A	6	1	1	11	1	-	~	-	-	14	1	-	1	1	X	2 3	
	210	-201	17	K	in	nh	11.	S.		1			A	A	1	-	~	1	-	1	1	1						1	2 2	
- 2	18:-	2010	9	1-to	and and	ind.		K		×.	-		191	1º	2	1	1	2	~					-	1	1	1	1		
	800	202	1	111	in hi	ok	die	1	(in	16			10	1	1	1	1	1	1	1	5	-	-				1	1	++	
	-		1		0			0	_		-	-	-	-	_		_		-						+	1	1	+		
				-	-	_	_		_																					

	Class	Cart	frail.	1 00	A				C.		レル	- I		à I	E	~			-	T.	-	-	-		202	2	
S.No.				Jame			Attendance	18	- 1				¥	4 4	5	* 3						27	1	12 14	* 4	-	otal
_	218520	15 Sub	chena	nder	1 5		-	-								A		P	P	21		7 /	91	2	2 1	2	
-	218520	2 Aus	hdeep	6 5		-		_	2	6	2	7	1	1	1	1	A	2	1	A	2/		1	1	12	-	
_	210	5 An	Kiza	- 1	au	-	-	-	A	A	21	-	1	4	4	2	6		1	1	51		1	4	11	-	
-	210	2 Pre	nente	K			-	-	2	1	CALLY ARA	1	2	1	2	AL	A	2	24444444	4	9	120	P	4	11		
-	2101	Taj	bit	Kan	e		_	_	A	A	R	A	2	A	A	A	AL	9	6	4	5		AL.	~	51	5	
	111	Jas	hana	leefe	Ka	ue	-	-	1		A	AL	P	AL	04	A	2	P	AL	AL	9	21	9	A	91		
1	113	Prin	ceps	1 2	-	6	-	-	P	A		A	A	P	A	n	A/	A	2	21	2		a	B	01		
1	115	1 Jan	ahil	601	ne	6	_	-	A	A		e	P	P P R	n	PA	1		A	P	2	1	A.	/ /	AL	9	
1	117	Ras	hand	ref	Ka	ar	-		A	n	A	A	P	1	0	A	1	0	2	1	0	A	A	0	a /		
F		-					-	-	-		-								-		+	-					
								-	-	-										-			-		1	\pm	
_		1					-															_			-	\pm	
_				-					-																	\pm	
_																										\pm	
							-												-		_					=	
	,								1						-		8 A.				9. TV						
																	MG	anned	with th	mtoa	nner						
-		- HE							-	-	-			~											1000	2018	
	- Cart	in and	4	sig	1-	7000	- ('	n/m			-			_		1		-	2	-	_	- 20	2	2			
	ι.	5 4 2	= × 1	* *	22	3	3	12.0	13	15	25	3	3	3	1 :	Atte	ture	and a	1	rot	igh	3	т.	ota	• /	Sanuts	
0	23 A			20	12	2	2	20			12	P	ta	ta	1		-		1						1		
-	02 P 03 P	200	2 2		12	12	21	21	1	01	2/2	12	10		1		_		1				1		1		
_	05 0	11/10	444444	262121	22	12	CALINALACY	5¥		21	21		1	1	4	_			1		-	-	1			1	
_	02 P 08 1	10 10	AA	100		1	12	A	A	2	3	2	21		51	_		_	1		-		+		-	+	
	111 10	AAA	AAI	21	217	212	12		2	2	2	2	A	-	2		_		1		-	_	1			1	
_	112 A 113 A 114 A	AA	22	21		21		A	2	2	2	2	2	2	2			-	-	-		-	1	1	-	-1	
_	115 19	A A 1 1	14/1	RRVII CUL		6	16	2	AAA	111111	2	A	A	2	12	1		_		1	-	-		1		1	1
_	113 8	11	212		4	1	17	P	10	1	1	1	r	ľ	r	1				1				1			+
_			_					1	1	+	1	+	1	+	1	+			_	1				1			1
_					-	-	+	+	+	+	+	1	+	+	1	1		_		1							+
_										1	1	1	+	+	-1	-1	_								1		1
_				-					+	+	+	+	-1	-1	1						1		_				
					•				•	1						•									1		-
	$(1,2,\ldots,2,2,2)$	Centric	K	HA	L	S		C	0	L	L	E	G	E	-	A L	VIII	R		5		⊾ IF	<		"Lee	: Free	
		lick	Des	i en	2-1	1.				6	1	14	14	5	15	14	13	23	当	3	当	28	3	3	3	-	
	No.		Na				Attendant B.F.	鲁	3/3	23	2	5	2	3	3	10000					1000						otal
	2185210	az.v.		der p	.6	200		A	A	A	A	0	A	A	A	A	AA	A	A	n	A	A	A	2	2		
ſ	02	- ALLA	deep	Six	sec.		_	2	A	A	A	P	A	P	A	A	P	A	P	P	AP	P	2	A	A		
t	03	Flack	Cillion	Ka	un			1.	10	A	A	1	1	1	6	6	1	6	A	1	1	1	1	P	2		
1	06	100	reata	Kai	ie			0	1	P	A	1	1	P	1	6	6	1	1	1	2	1	1	1	2		
1	08 110	Tejt	in A	Face	-			10	A	A	CARRARARR	A	A	A	P	R	A	5	AD	A	n	A	2	A	2	-	
1	111	Jac	hand	-p 1	au	e		12	10	A	A	P	P	P	1	AA	2	11/10/10	6				A	A			
+	113	Prin	repat	0	ys.			12	A	0	18AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1	1	1040000	A	12	1	A	1001		A	A	n	11	101	_	
1	115	que	sahil	Ca	ye.			A	A	A	A	1	1	A	A	1	1	1	1	P	1	2	10	P	12		
1	117	Ros	hana	leep	Kau	u-		PA	h	A	A	1	1	1	1	A	A	a	110	1	1	A	A	P	1	_	_
t						_		-		1					_					-	_						
F					_	-		-				_									_						
					_	_		-																			
-						-	_	-	-										-								
_								-												-							
											1					-	-						1		-	-	

STUDENTS' ATTENDANCE:

	- 1	2017			1	- 1	1	12						Т	T	T			MRIT Marcel Lectures Attended	Le B	ectures rought orward	Total	Demote	CALIFICIAL
2023	A	A	A	17	A	A	A	A	A	A	A I	A	A	9	A	A	A	A						
52101	p	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		_			+	
02	A	A	A	A	P	17	A	A	A	4	A	A	A	A	A	A	A	A		+		-	+	
03	1	A	1	1	1		1	1	A		4		4	4	4	4	-	10		+				
05	8	1	A	A	1	1	P	1	1	1	A	A	A	A	A	A	A	A						
06	8	1	1	1	1	1	1	1	1	1	P	1	1	1	1	1	1	1				-	_	
07	1	1	A	A	11	1	1	1	1	1	A	1	1	1	1	1	P	V					+	
08	A	A	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A				+	-+	
110	A	A	A	1	A	A	A	A	A	A	A	A	A	A	A	H	1ª	1	1					
111	A	A	A	A	A	A	A	A A	A	P	H	A	1	1	A		1	1					-+	
112	A	A	1	10	1	1	A	A	1	1	A	A	17	17	1	10	Ľ	11						
113	A	6		1	10	A	A	A	A	A	A	A	A	A	Í	A	i	A F	+	\rightarrow				
115	A	A	A	A	1	1	P	P	P	P	A	A	P	11	4	11	4	4	1	-+				
116	A	A	A	P	+ 1	P	1	1	P	1	P	1	11	11	11	1/A	1	4	1	- 1				
117	A	A	18	1	A	A	A	A	1	1	A	A	1	#	+	11	4	H						
			Ľ	Ľ	1	+	+	-	-	\vdash	+	+	+	+	$^+$	+	+	+						1
		1	1	+	+	⊢	+	+-	+-	\vdash	+	+	+	+	$^{+}$	1	1							+-
	-	+-	+	+	+	+	+	+	1	1	\vdash	t	T	T										+
	+-	╞	+	+	+	+	+	+	\square							$ \rightarrow $	_	_						
	\vdash	+	+	+	+	+	+	T	1					\perp	_	+	_							+
	+	+	+	+	+	\top	T					1	+	+	+	+	_	-	+		1			-
	+	+	+	+	+	T				-	+	+	+	+	+	-	_	-						
	+	+	1	1					1	1	+	+	+	+	+	-	-	-			1			
	1	T	T	T	T				+	+	+	+	+	+	-	-	-	\vdash	++-					
	T	T	T				1	+	+	+	+	+	+	+	-	-		+	++-					
							+	+	+	+	+	+	+	+	_		\vdash	+						-+
					T	1	+	+	+	+	+	+	+	-		-	+	+						
									_	_						-	1							

STUDENTS' CERTIFICATES:

S.No. 007	COLLEG	Regd. No. 20 Roll No.	ALD TO DOB
	USA COLLEG	College)	
KA			AP
	SKILL DEVELOPME		
	<i>Certifica</i>		
	HMIR SINGH and		ER MAUR
	scribed course in ເລຣຣ .c		
	EE months has been placed i		
Rogistrar			Principal
Amritsar_ 27/12/202			r menpar
	*****	*******	******
*	*****		
S.No. 009		Regd. No.	20 /KCA/SDC/
S.No. 009		Regd. No.	20 /KCA/SDC/
S.No. 009		Regd. No. Roll No GE AMRI College	20 /KCA/SDC/
S.No. 009	USA COLLE UNI Autonomou	Regd. No. Roll NG College ENT CENTRE	20 /KCA/SDC/
S.No. 009	SKILL DEVELOPM	Regd. No. Roll No College ENT CENTRE afe	20 /KCA/SDC/ D- D-1852010
S.No. 009	SKILL DEVELOPM	Regd. No. Roll No College, ENT CENTRE afe	20 /KCA/SDC/ D-1852010
S.No. 009	SKILL DEVELOPM BERLEDEN BRILL DEVELOPM Bertific	Regd. No. Roll No College ENT CENTRE afe Singh d Mrs. <u>Balwinn</u>	ER KAUR
S.No. 009	SKILL DEVELOPM BRILL DEVELOPM Certific Mr./Ms. ARSHDEEP ARDEV SINGH an rescribed course in WER	Regd. No. Roll No College ENT CENTRE afe Singh d Mrs. <u>BALWIND</u> DESIGNING	ER KAUR
S.No. 009	SKILL DEVELOPM BERLE BRINGH ARDEV SINGH rescribed course in <u>WER</u> CEE months has been placed	Regd. No. Roll No Roll No College ENT CENTRE afc Singut d Mrs. <u>BALWIND</u> <u>DESIGNING</u> d in <u>B</u> grade.	ER KAUR
S.No. 009	ARDEV SINGH an rescribed course in wea	Regd. No. Roll No Roll No College ENT CENTRE afc Singut d Mrs. <u>BALWIND</u> <u>DESIGNING</u> d in <u>B</u> grade.	ER KAUR
S.No. 009	SKILL DEVELOPM Cortific Mr./Ms. <u>ARSHAEEP</u> ARDEV SINGH an rescribed course in <u>WER</u> TEE months has been placed	Regd. No. Roll No Roll No Colleges ENT CENTRE SINGH d Mrs. <u>RALWIND</u> DESIGNING d in <u>R</u> grade.	ER KAUR

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



Ret No. S.DC/VAC DOI

Date 02.08-202)

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.

Certificate course in	Department
Soft skills	Skill Development centre
Acting and theatrical arts	Department of Theatre Studies
Punjabi Folk Dance-Bhangra	Department of Theatre Studies
Punjabi Folk Dance-Gidha	Department of Theatre Studies
Office Automation	Department of Computer
Communication skills and Personality development	Department of English
	Soft skills Acting and theatrical arts Punjabi Folk Dance-Bhangra Punjabi Folk Dance-Gidha Office Automation

سترابط من المعامة 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	Karndeep 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,

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, Alignment, 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.

brochures, charts, documents, drawings and graphic images.

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:

Class_	Affrice Automation	8		-							Γ						7	8	4			-
Roll No.	Name	Attendanc B F	Ma	1417	15/9	12/19	20	21	27/9	27	24 3	25129	10	4/10	5/10	1/10	7/10	10	9/10	11/10	Tota	Roman
21302016 21401086 21302073 21401070 21401070 21801012 21801016 21801026	Paraideep Cines Adshirt Cines Cakethi Verma Kamakehi Charma Kamakehi Charma Akamdeep Cines Brahmdeep Cines Brahmdeep Cines Brahmdeep Cines		14 +++++ + + + + + + + + + + + + + + + +		LAP A	ALALAP	LA LALAR	1 PLAR PLAS		494444			+++++++++									

	Class_	KHALS							_	-	-	-	-	-	UL	·/.	Nav		20 2	
8 NO	Roll No	Name	Attendance B F	18/10	19/1	20/10	29	1/1	2/17	3/11	4	8/11	9,11	10/11	1111	12/11				Tota
	21401034	Parasdeep Cinge Auchort Songe Carete Juma		1	A	1	1	1	4	1	P	1	4	4	A	1		++	-	-
	21302016	Auchist South	-	1	11	1	A	1	1	11	1	-	4	1	+	1,	+	††	+	-
-	21401086	Cariki Jaima	-	1	A	1	1	A	1	F	4	+	4	1	0	4	+	tt	+	
	71202072	Kamakshi Shaima	-	1	1	4	A	f.	1	A	-	0	1	+	+	1	-	$^{++}$	+	1
-	21401070	Kaindeep Simps	-	P	1	1	4	A	1	4	-	-	H	1	+	1	+	$^{++}$	+	-
-+	2180/012	Jograj Singh	-	A	1	1	A	1	1	4	4	1	1	1	1	1	+	$^{++}$	+	
-	2/80/014	Kaindeep Cingh Jogra Cingh Alashdeep Cingh Brahmdeep Cingh	-	f	1	f	4	A	4	f,	f	1	1	1	A	1		tt	+	
-	21801021	Brahmdiep Sings	+	H	1	1	1	n	1	4	1	0	n	1	A	1		Ħ	+	1
-	21801013	Gusewak Singe	+	4	FI	f	4	4	М	4	+	-+	M	1	-	1	+	tt	1	
+								1			+	1	+	1		+	1		1	
+						+	1	+	+	+	+	+	+	1	1	+	1		1	
-							1	+	+	+	+	+	+	+	+	+	+		+	
-		and the second		+	+	+	+	+	+	+	+	+	+	+	+	+	1		+	
+				+	+	+	+	+	+	+	+	+	+	+	+	+	+-		+	
+				+	+	1	+	+	+	+	+	+	+	+	+	+	+		+	
+	0			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
1				1	1	+	+		+	+	+	+	+	+	+	+	+		+	
1				1	1	1	1	+	+	+	+	+	+	+	+	+		-	+	
				1	1	+	+	t	+	+	+	+	+	+	+	+			+	
				1	+	+	+	+	+	+	+	+	+	+	+	+			+	
	30733	Paras Constant		+	+	+	+	+	+	+	+	+	+	+	+	+		-	+	
T	1			+	+	+	+	+	+	+	+	+	+	+	+	+	+		\square	
		State of the state of the		+	+	+	+	+	+	+	+	+	+	+	_	-			\square	
1			-	+	+	+	+	+	+	+	+	+	+	+	_				\square	
1			-	+	+	+	+	+	+	+	+	+	-							
1			-	+	+	+	+	+	+	+	-	1								
1		100 M		+	+	+	+	+	+	+	-					T	T			
-			-	+	+	1	1						T	T	T	T			T	
F															+					

STUDENTS' CERTIFICATE

S.No.	Reg. No. 202 /KCA/SDC/2140108
(An Aut	LEGE AMRITSAR
SKILL DEVEL	OPMENT CENTRE
	ificate
This is to certify that Mr./Ms	erma
S/d/of Rahul Venna a	nd Mrs
having pursued the prescribed course in	lice Automation
in the Department of Computer Scie	has been placed in At grade.
Honse	Chate rulat
Registrar / Head, Department of Amritsar202 Skill	Director Principal Development Centre

S.No.	Reg. No. 202 /KCA/SDC/2140103
	OLLEGE AMRITSAR
RHALS/	A GLOBAL REACH
SKILL DEV	/ELOPMENT CENTRE
Ce	rtificate
This is to certify that Mr./Ms. Panas	deep Singh
S/d/of Kuljit Singh	and Mrs. Guppreet Kan
having pursued the prescribed course in	office Automation
in the Department of Computer J	Science has been placed in A ⁺ grade.
Honor	Potration mul-eh-
Registrar / Head, Department of Amritsar	Director Principal Skill Development Centre

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

POST GRADUATE DEPARTMENT OF FASHION DESIGNING KHALSA COLLEGE AMRITSAR (AN AUTONOMOUS COLLEGE) (O): +91-183-2258097 ESTD 1892 : +91-183-5015511 E-mail : fashiondesigning_khalsacollege@yahoo.com Fax: +91-183-2255619 Web : www.khalsacollege.edu.in Pin : 143 002 (Pb.) India Noncode FD. Dated 11-Sep - 2.21 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

Theory: 25 Practical: 25

Total Teaching Hours: 30

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 varies 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:

	M.	KHALSA CO Lextile Luintin ng Leanning (Feb-Me	DLLEGE A	KHALSA COLLEGE AMRITSAR									
C	lass Life Lor	ng Leanning (Feb-Me	g lechniques.	Feb - March	2021-22	class Life de	mg Learnin	g (Feb-Marc	h)		Feb . M	arch 20	2.0
S. No.	Roll No.		8 9 9	223545866	Total	Roll No.		Mar & -22		Lectures Attended	Lectures Brought Forward	Total	Remarks
	18101174	Jasmein Kaur (Bri Api)	1101115	PIRIPPSPI			040499	8666666666	000-	-			17
-a	18 4264	Hannoan Strahle)	AITIATO	APAPPOT	rar	502201	IAUI	111140	1111				
-2	21732014	Rannest Kaur (com	APTITIN	1 IN FITNES	111	500203	(INI	I APPIN	AAPP				
-4	21732009	Metak Sharmali)	PPAATID		11	502204	110A	111110	PACE				
-5'	18101237	Vivek Anonalon And	PIAATTA	APPITTAN	rpr	502205	ITAA	PILIA	1111	,		-	
-6-	22701042	Diya (Biglech)	111AIIY	PATITA	AFF	502204	Pryr	AAFITY	CA AF			-	
-1	2270/040	Hauprart Kaus (r)	111111	PPSPP PSPP PSPP PFSPP F	111	502207	rrr	AAPTY	81811				
- 8	12701041	Suthmani (")	PIAAII	II AIA F	111	50220t	A A A	11111	Arr				
- 9	18101235	Gunjant Singh Burgh	111APP	(P P P P P	ttt	502209	AAA	(I A A I	1114	1			
1 10	2101015	Romander p (Eicrech	1191AP	11 111 1		502210	8118	ATTIT	PAPP		1 011		
	19706022	Manjinder Koun(10)	111115	AFIFITSA	PPP	50.2211	APSI		11111				
12	19706024	Ramment Kown (80)	rrrrru	ATJAAPUA	APP	503212	reur	111110	AAPI				
		Nisha Kumani (BLED)	PITTPN	TAAAATNA		50.2213	PINI	(()) IN	CANT	1			
		Taniya Banbha (Came)	PPAPPPD	r A Y F F PD P	PAA	502214	PPpr	Percep	1111	1			
- 12	22 10/030	Sanderp (dalach)	<u>rrrrr</u>	FAAFFFAF	rrr	502915	PPAT	AATTPA	rppr	1			
- 10	20706000	Breehrow Kave (12m)	- CF TF FY	revereye	111	502216	PPYA	1111111	r PP r Pr rr	1			
	20706021		P F F P A F	I I APPI I	rrr	502217	PIP	PPPtP	8111	P			
- 10	20106024	Suniti Sharma (11)	- Trairr	rr Arr f	111	50.0215	881	AATPF	1199	1			
			-++++++										
			¥	+++++++			++++++						
-				W W			V		1				
-				+++++++			+++++						
			-+++++++-	+++++++++++++++++++++++++++++++++++++++			+++++						
			-++++++				+++++						
				+++++++			+++++						
				+++++++			+++++						
-				+++++++		1	+++++						
				++++++++		~							
				┿╃┽┽┽┽┽		~							
-						-	++++						
10000	State N.	1983 - 1982 1991	- h Costen - / A +	A PATRIAN	10	L . KAN							

	5.1	KHALSA	CO	L	L	E	G	E	E	A		М	k	KI	Т	S	A		R				
	Class Life	Long Learning (+											-	Fe	b	-1	1	an	ch	_2	021	- 22	_
S. No.	Roll No.	Name	Attendance B.F.				~		E	7	19	20	12	22	23 - March - 23							Total	Remarks
,	502201	Jasmeen Kaux							P		P	5	1	r	P	+	+	+	+	+			
2	502202	Harmoor Singh		P	U	P	P	1	r		A	,	-	A	P	+	+	+	+	-	-		
3	502203	Ravnest Kaun		A	N	A	P	1	e li	-	A	V	P	1	1	+	+	+	+	+			
ч	502204	Mehak Sharma		A	P	r	1	1	A	A	PI		r	P	1	+	+	+	+	+			
5	502205	Vivek Anona		A	A	P	1	e I	P	1	-	-		P	r	+	+	+	+				
4	502206	Diva		P	Y	P	r	AI	0		4	4	P	P	r	+	+	+	+	+		2	
7	502207	Hanprut Kaur		A		P	PI	A /		1	2	4	r	r	P	+	+	+	+	+		00	
8	502208	Sukhamani		P		P	PI		P	1	A	- 1'	-	· #	0	+	+	+	-	+			+
9	502209	Juriant Singh		P		11	1	1	еЦ	f		-	-	r l	P	+	+	+	+	$\left \right $	-	÷	-
10	502210	Ramandeep		A		1	P	PI	P	1	•	1	P	P	1	+	+	+	1	\square	-		-
11	502211	Maniinder		P	S	A	1	Pf	•	P	-	-	-	P	0	+	+	+		\square			-
12	502212	Ramment Kawy		P	0	P	PI	° f		f	-	-	- + -	-	P	1	-	+	1	\square		- S	-
13	502213	Asiha Kumani		A	NI	A .	Ar	f	<u>'</u>	f	2	-	+	+	P	+	+	+	+	\mathbb{H}	_	-	-
14	502214	Janiya Bambha		-	D	-	P 1	r t	2	ſ	N	-	+	P	e	+	+	+	-	H		11 ¹⁴	+
15	502215	Sandup		-	7	-	P 1	1	-	P	E	+	- 11		e_	+	-		-	\square		11	+
14	502214	Prabhrop Kaur		P	1	+	r	P		P	1	- 1-	- 11	- 11	+	+	-		-	\vdash		G. 31	+
17	502217	Vani		P	++	- - -	1	-	r	P	-	1 4	-	-++	P	1	-	-	-	$\left \right $		1.00	+
18	502212	Suniti Sharma	+ +	P	11	۴f	f	f	1	ſ		f	1	f		+	-	-	1	\vdash	-	10000	+
			+ +	+	++	+	+	+		+	+		+	+	+	-	⊢	-	\vdash	\vdash			+
				+	++-	+	+	+	+	+	+	-	+	+	+	+	⊢		\square	+			-
_				-	¥	+	+	+	V	1	1	4	+	÷	+	+	-	H	\vdash	+			-
			+ +	+	+	+	+	+	+	+	╀	+	+	+	+	+	-	H	H	+			-
			+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	\vdash	H	+		-	
	+			+	+	+	+	+	+	+	+	+	+	+	+	+		\vdash		+			
			1 1	+	+	+	+	+	+	+	+	+	+	+	+	-				+			
			+	+	+	+	+	+	+	+	+	+	+	+	+	\vdash	-		+	+			
			+ +	+	+	+	+	+	+	+	+	+	+	+	+	\vdash		+	+	+			
				+	+	+	+	+	t	+	1	+	+	+	+	H		+	+	+			-
				+	+	1	1	1	t	1			+	+	+			+	+	-			/
				+	+	1	1	\vdash	+	\vdash	\vdash	+	1	+	1				+	+			-

STUDENTS' ATTENDANCE

STUDENTS' CERTIFICATE

	S.No.	Reg. No. 202 /KCA/SDC/18101264
Esta NEPR	KHALSA COLLEGE (An Autonomous College) KHALSA GLOBAL	
	SKILL DEVELOPMEN Certifica This is to certify that Mr./Ms. Hannoon Singh	
	S/d/of Manjeet Singh and Mrs. Nimp having pursued the prescribed course in Textile Printing in the Department of Fashion designing has been	Techniques
	Registrar/Head, Department of Director Amritsar.fsbMarch2022 Skill Development Ce	Principal

S.No. Reg. No. 202 /KCA/SDC/2270101
KHALSA COLLEGE AMRITSAR (An Autonomous College) KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE Certificate
This is to certify that Mr./Ms. Ramandeep Kautu S/d/of Guudev Singh and Mrs. Dalbise Kautu having pursued the prescribed course in Painting Techniques in the Department of Fashion designing has been placed in A grade.
Registrar / Head, Department of Director Principal Amritsarf.ab

VALUE ADDED COURSE

IN

DISASTER MANAGEMENT



SESSION 2021-22

DEPARTMENT OF GEOGRAPHY

KHALSA COLLEGE AMRITSAR

(An Autonomous College)

PUNJAB-143002

NOTICE

<text><text><text><text><text><text><text><text>

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' ATTENDANCE:

	Class	KHALS BA Sem F Val												£20.	22			Class		3.P	K	H	A	LS	SA		20	L	LE	EG	ìE	A		SAR	200
S. No.	Roll No.	Name	Attendance B.F.	24/08	26/08			031/08	Ĩ							Total	Remarks	Roll No.	1	60/91	60/61	0 18/09	21/09	23/09	01/100	25/09	20 109	30 109	01/10	01/10	05/10	04/10	Lectures	Lectures Brought Forward	1
1. 2. 3. 4.	10/2	Nouray singh keepad Schal Rohan Jiyo sharm Whant kuman	 		P P P P P P	PPP PPP PPP	P P P I	PP PP P	P I P I	P P 0 . P 0 0	P P P P	P F P F · F		P P P P	P P P				P	P P P	P P P F		P P P	P P P P I	P P P P P P P		P P P P P P	P P	P P	PP	P P P P	P P P	30 33 29 25		
5 6 7 8 9.	1325	Simanuit singh Anna lit Lingh Manareet kaur		. P P P 1 P 1 2 P	P P P P	P P P P P 0	P P P P P	P P P P P	P I	PPOP	P P P	P P P	, .	P	2				P P P	P P P	P P P P	PPP	P	P P P P P P P P	P P P		P P P P P P	1	P	0	P	P	30 09 27 20		
10.	1584	Aymen Sirgh Jeisardrep kaw Saurinprilit Sigh kangabin Sigh Ramayit Sirgh			P P P	р р р р р	P	P P	P P	P P P P P		PP PP	P	P P P					P P P	P P P P	P P P 0 0	P P P	P P P	P 1 P · P	P P	PP · I	PPP		r 1 	P	2 P 2 ·	P	27 22 20 18 15		
		1920/104																															.,		
	Scan	ned with Ca	msc	zan	nina																1000														the second second

Boll Name Boll Total Boll Total Boll Lectures Lectures	KHALSA COLLEGE A	oct 2021-2022	Class	5AR	20			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8 No. 8 No. 8 No. 8 No. 8 1/10 1 8/10 1	Total			Lectures	Brought	Total	Remarks
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1. 3004				00	30	30	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							39	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		<u> </u>						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	4 1148 P P P					25		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					06	30	36	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				<u> </u>	02	09		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				12 11 12 11 12 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13 13	02	27		
					00	20	27	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					03	27	30	
					06	22		
			1			20		
							20	
	<u>13 1679</u>				02	15		
				i ii i			1	
				1 2 2 2 2 2 2 2 3 3 2 3 3 2 2 2 3 3 3 3				
							1	
Sparpod with CapoScience				u in 15 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16				
				<u>, , , , , , , , , , , , , , , , , , , </u>				
Sparpod with CapSidane								
Sparked with CapoSidanne								
Sparpod with CapSudane								
- Searned with CapStidne		الا تحديد و و و و و و و و و و و	-				- Andrews	
	(Searned with Camerannes		-					
	Storanica mar be unidit c		_	و و ک ک کر و کر کر کر کر کر کر کر کر کر				

STUDENTS' CERTIFICATES:

S.No.	Reg. No. 202 /KCA/SDC/ Greo-10
	OLLEGE AMRITSAR
Earth, TREP. KHALSA	A GLOBAL REACH
SKILL DEV	ELOPMENT CENTRE
	rtificate
This is to certify that Mr./MsNovray	Singh
s/d/of Hazyit Singh	and Mrs. Sukhwant kaw
having pursued the prescribed course in	Disaster Management
in the Department of Greography	has been placed in <u>A</u> grade.
Registrar / Head, Department of CS samed with Amritsar	Director Skill Development Centre

REC. SER	(A)	Autonomous College) GLOBAL REACH	SAR
		ELOPMENT CENTR etificate	E
	S/d/of Rom Chenitan having pursued the prescribed course in _ in the Department of Geography	and Mrs. Sunita Disaster Management has been placed in A+	grade.
CS canned with	Registrar / Head, Department of AmritsarloNax,2021 CamScanner	Director Skill Development Centre	M-L- Principal

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. Webester, Studying History, Maicmillan, 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.

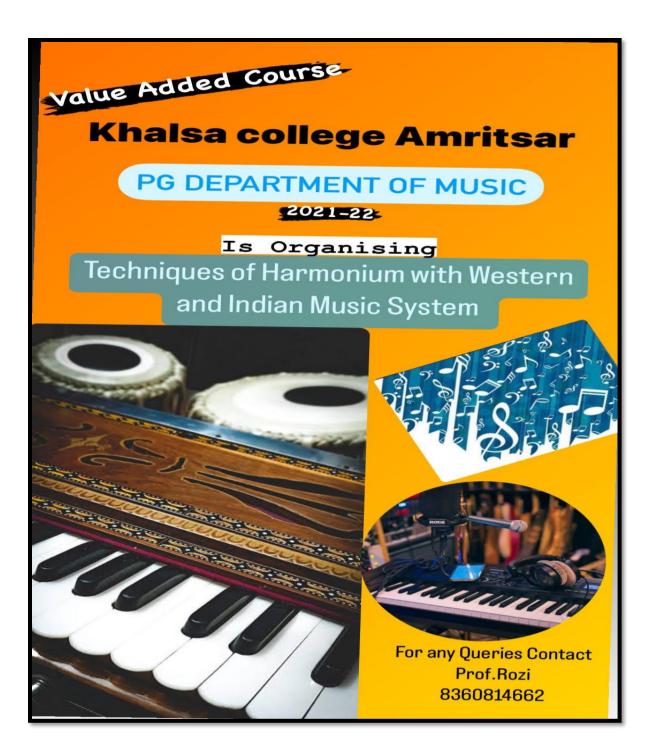
STUDENTS ATTENDANCE:

	Class_	BA Sem I	A COLLEGE AMRITSAR Nalue - Added Course August Sept 2001, NOV 202 Class HI STORY & HISTORIO & RAPHY. (1-4) Aug. Sept. 002202	-1
S. No.	Roll No.	Name	acumpute (1) acumpute (1)	Remarks
		Jaideep Cull	PPPPAPPAPPPAPPPAPPPA	
	1920 1381		PPAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
03	19201387	Jaggeet Singh	PPPPPPAAPPAPPPA	
		Manpreet Kaun	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	*
		Jobanjeet Sigh	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
		Shuthampreet kou		123
		Sandeep Kaur	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	1
		Kirandeep Kaur	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	
		Jagdeep Kaur Roshan Kumar	$\frac{1}{1} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{9} \frac{1}{1} \frac{1}{9} \frac{1}$	
_			PPPPPAPPPPAPPPPPPPPPPPPPPPPPPPPPPPPPPP	
		Ramandeep Singh	PPPPIAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	1.1
		Sukhdeep Singh	$\begin{array}{c} P \\ P $	1.1
		Jaskaranjeet Kaur Ramandeep Bsar		1.6
		Supriya Sharma	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Akamdeep Sigh	P P P P P P P P P P P P P P P P P P P	1.8
	11-10-	in sign	PPREPRAPPAPPPPAPP PPAPAPPPPPPPPPP30	1. A.M.
-				
-				
-				
-				
-				

KHALSA COLLEGE A Class BA Sem I value - Added Course	MRITSAR	KHALSA COLLEGE A Class HISTORY & HISTORIO GRAPHY : (1-4)	MRITSAR 9 November 2021
0. No. No. No. No. No. No. No. No. No. No.	Total	Roll	Lectures Attended OS
01 19201379 Jaideep Crill PPPPPP			08 31 39
02 1920 1381 Indergit Singh PPAPPP			07 30 37
03 1920 1387 Jagreet Singe PPPPP			07 28 35
04 1920 1900 Manpreet Kaur PPPPPPPPP			08 30 38
05 1920 1414 Jobanyeet Suger PPPPPP			08 30 38
06 19201460 Shubhanpreet Koun PPPPPP			08 30 38
07 19201475 Sandeep Kan PPPAPPP			07 31 38
08 19201503 Kirandeep Kan PPPPPPP			07 30 37
09 19201553 Jagdeep Kann PPAPPPP			07 32 39
10 19201649 Roman Kennan PPAPPP			07 32 39
11 19201668 Ramandeep Suyl PPPAPPP			07 30 37
12 1920 1681 Sukendeep Sugh PPAPPPP			0) 32 39
13 19201750 Jaskaranjeet Kaun PPPAPPP			07 31 38
14 1920 1820 Ramandeep Bran PPAPPP			07 32 39
15 1920 1821 Supriya Sharma APPPPPP			07 32 39
16 19201822 Akarhdeep Smith PPPPAPP			07 30 37

Certificates

	S.No.	Reg. No. 202 /KCA/SDC/
	(An Au	LEGE AMRITSAR
je L	Cert	OPMENT CENTRE
	This is to certify that Mr ./Ms. Suferiya S/d/of having pursued the prescribed course in His	and Mrs.
	Registrar Head, Department of	has been placed in <u>B</u> ⁺ grade. Diffector Ell Development Centre



ABOUT DEPARTMENT:

The Department of Music offers music (Vocal and Instrumental) as subject in degree classes and two year pg degree in vocal. Form 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: musicdkca1982@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:

		lded Course	
Tec	hniques of Harmonium with (Session 20)		n Music System
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
			n, Aurices & Social Sciences Ilsa College, Amritsar
		Km	

COURSE CONTENTS:

P.G. Department of Music SYLLABUS

VALUE ADDED COURSE

(Session: 2021-22) TECHNIQUES OF HARMONIUM WITH WESTERN AND INDIAN MUSIC SYSTEM

(THEORY)

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 ogemented 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.
- $8. \quad \text{Two cinematic song on Harmonium with chords.}$
- 9. Alankar in different Taal.

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

	KHALS.	AC	20	LL	EC	ìE	A	ЛК	an	SA	IK				-	H	ALS	A	Ç	DL	LEĢ	E A	hwestern	SAR	29	
Class	Add on Course	Cleck	hni	ques	of	Har	dim	Hun	A	uge	uxt	_202	1	Class Dd	don	Paus	se	nd I	indi	an	Music	-]	In western	ugust	2021	_
Roll No.		andance B.F.										17 18	Total	Roll No.	9 20 2	222	3 24 25 2	4 27	28 00	30 3			Lectures Attended	Lectures Brought Forward	Total	Remarks
20101	0.		~		11		1					Π	1	19201011	120-	11		PP	PI	PI			5	-	5	
	19 Korabbir Singh			H	Ħ			H	++			X	Sec.	19201029				PP					5	-	5	
	SI Gigandeep dingh			\vdash	Ħ	+		H	++			VI	1.000	19201029	++	tit		pp					LU L	-	ч	
42010	9 Parlamient Lingh	+		++	++	+		H	++				1.5			Ht		PP		P			L	-	4	
12010	82 Hushamort Kaur		+	++	++	+	-	+	tt		1			19201053	++	ttt		A		P			U U	-	ч	1
		1	+	++	H	+		+	++	Ħ	1			19201082	++	ĦŦ		P					5	-	5	1
92010	90 Bitsran slingh	\vdash	+	++	++	+		+	++	1	-	+		19201090	++	5		PP	0	PI			5	1-	5	
92011	13 Arshpel Songh		+	++	H	+		+	++	H		++		19201113	++	e		PA				+++	4		ц	1
42012	221 Rahul Bhatti	+	+	++	++	+		+		H	-	+		19201229	++	C		- n	4	+			1		1	1
		+	+	++	↔	+		+	+¥	H	-	++	-	18.93	++	A	+++	+	F		++	+++		1	1	+
		+	+	++	++	+		-	H	+	+	++	-	1 00	++	Z	+++	+	-		++	$\left \right $	-		-	+
		+	+	++	++	+		-	X +	+	+		-	-	++	++	+++	++	- 7	4	++	+++	-		-	+
		+	+	++	++	+		-1	++	+	-	++		1	++	Э	+++	-			++-	$\left \right $			-	+
-		+	+	++	++	+	-	A	++	+	-		- G.		++	6	+++	+		++	++-	$\left \right $			-	+
		+	+	++	++	+		4	++	++	-		_		++	1.1	+++	+	5	1		$\left \right $		-	-	-
		+	+	++	++	+	-14	-	++	++		\square				111	+++	+		++		\square				-
-		+	+	++	++	+	1	+		+				TOT TO	++	111	+++			++	++	$\left \right $			-	-
			+	++-	++	+	4	-	\square	+					++	111	+++	+		\square	++					+
		+	+	++	++	A		+		\square								+		\square	\square				-	-
-	-	+	+	++	++	1	+	-	\square	\square				In the second	11	111	+++	\downarrow	1	\square	\square			-	-	-
-			+	++-	1	4		-								111	111	+	1	\square					-	-
_		+	+	++	11	++	-											+	-	\square					-	-
-		+	+	\vdash	\mathbb{V}	+	-			IT				254				\square		\square					-	-
			-		41	1		1		Π																-
		+	+	ΗV	++	+				T									11						-	-
			+	IA-	11	11				T				1 gale												_
					11	\downarrow				TT				341310						IT						-
			-1/	\square		1			\square	Ħ				C A STALL		III		T	1	T						_
	and the second second		1		\square					$^{++}$	+			141		III				T						_
			4		1		T			+	+				++	111		\top		T						
										++	+	+	-			ttt				Ħ	11					
					IT	T	++	-		++	+	+			++	+++	+++			++	++-					1

STUDENTS' ATTENDANCE

2. 3. 1 4. 1	19201011 19201029						_					a	_				-	1	Fotal	Remarko		Roll No.																Atten	ided	Lectu Broug Forwa	ht	Total	Remarks
2. 3. 1 4. 1	19201029		Attendance B.F.		2 3	4	E C	p	P	110		17	2	0					_	+-		-	p	1	21	22	23	24	25	2512	72	8Z	130	+	+	++	+	21	~	5		26	-
3. 4. 5.	19201029	Riya	_	PI					17	PF		H	P	P			P			1	192				18	A	P	P	P	╢	H.	P	D	H	+	++	+	22		5	-	23	1
4. 5.		Karombir Singh		+++	PP	+++	P			PP							P		-	+-	192							P		₩	F			++	+	++	+	21		4	-	25	+
5.1	19201051	Gagendeep Singh	4	P 1	PP	+++	P		++++							PF		+	-	1	192				P			Ρ	P	++-	F			++	+	⊢⊢	+	20		н	-	24	+
	19201069	Paramint Singl		PI	PA.	P	P		P	PF	44						A	+		+-		0106					P			++-			+-	+	+	++	+	22	-	4	-	26	+
		Hushanpunot Kaur		PI	-	+++	1 P	1	A	PP	P				Pf	PF	TP2	1		+-		0108		P				P		₩	F		P	+	+	++	+	21	-	5	-	26	+
	19201090			PI	PP	P	A	44	P	PF		+++		PI	P /	A F	11	1		1		0100		P					P	110				\vdash	+	++	+	21		5		26	+
		Asappal Gingh		P	AP	P	1 P		P		PP				PF		P	1	11h	1		011		P			9		A	11	r		+	\vdash	+	\vdash	+	20	-	4		24	+
		Rohul Bhatte		PI		101	P		P	PP							P	-	214	1		012							P	4	7.5		1	\vdash	+	++	+	20		4		22	+
		Mamta		PI				DI		AF					PI			1	_	1	192	0125	10					P		+	± F		-	++	+	++	+			-	-	23	+
		Gurseauch Singh		P				a		PP					A F					ŀ		0128		¢P	P	2	P	P	P	- (=I			\vdash	+	\vdash	+	23		-	-	21	+
		Karanjeet Singh		PI					PI			C			PI				1-1		192	013	11	P	P	A	P	Ρ	P	9	F			\vdash	+	\vdash	+	21		-		21	+
121	9201456	devented Singh	-	P	PP		P		A	PF	PP		PP	21	PI	PA	P		1		192	014	56	F	P	29	P	P	A	1		PP	P	\vdash	+	\vdash	+	2	1	-		21	+
-		1 0				\square	ZP		1	+	1	Z		1	1				11		1			7					-		Ċ	-	-	\square	+	\vdash	+	_	_	-	-		+-
+						\square	-	d	-														1	~							2			\square	-	\square	+		_	_	_	-	+
+	_			\square		\downarrow	1	10	-		1	-	1	1	1	L						1	1	0						-	6		1	\square	-	\square	+		_		_	+	+
+						\square	R	15				In	ſ	T		1			-12		110									-	I						+				_	-	+
-						1		10		T		1	T	T	T	T						1		6					T	5	2						\square				-	-	+
+					1	4		Ш				T		T		Т							T	1						1	1						\square				_	-	+
-						L		IIT		T		T	T	T	T	T				-	-			T	Т					Π													-
+						1		Ш	T			1	T	T	1	t				-	- 51			T					T	Π		Γ											1
-										T			T	T			H		-	-	1			T	Т	T				T	1								_		_		-
1					\square	J		IT	T	T	П	11	t	+	+	1	+	-	-	-	100			11	T	1			T	T	1												
1		and the second second			IT		П	T	T	+	H	1	+	+	+	1	H	-		_	1	2.0	-	tt	t	1				11	1	T			T								
					IT		T	TT.	T	Ħ	H	+	+	+	+	+	+	-	-+	-		-	+	11	t	1			+	tt	1	1							1.15				
					T	T	T	T	+	Ħ		++-	+	+	+	\vdash	\vdash	_	-+	-	-	-	+	++-	t	+			+	tt	1	t	1	H	+	H			1				
1					T	T	T	t	+	H		#-	+	+			\vdash	_	-+	~		-	+	++-	+	+		H	+	Ħ	1	+	+	H	+	H			-				
1					T	T	H	tt	+	H		+-		-				_	-	-	-	-	+	+	+	+		H	+	Ħ	+	+	+	H	+	++		-					T
			1	T	T	T	H	th	+	+	+		-		\vdash				_	-			+	-	+	+	\vdash	+	+	₩	1	+	+	++	+	++	+	-		-			T
-			-		H	+	H	++-	+	++	+	11-						_	_	~	-		+	+	+	+	+	+	+	₩	+	+	+	+	+	++	+	-		-	-	-	+

Checking and Indian Wasic Colo ber 2021	KHALSA COLLEGE AMRITSAR 31 (Learningua of Harmonian auth) Class Add on Causter and Andrean Music October 2032
2 Roll Name 5 Li ウマル ちょくコ タ の III には にんぽう ほう	Class Fract Am Lectures Lectures Brought Total Source Roll No. No. (i) (ii) (iii) (iii) (iii) (iii) (iii) (iii) (iii) (iii) (iiii) (iii) (iiii) (iii) (iiii)
1 19201011 Rive 26 P PPAPPA PPAPPPPP	13 26 39
2. 19201029 Koronbir shingh 27 P PAPPAPAPAPAPP	10 27 37
3 19201051 Engendeep lingh 25 P PPPAPAPAPAPAPPPPP	12 25 37
4 19201069 Paramiest dingh 24 At- PPPAPP PPPPPPPPPP	HORNING P P
5 19201082 Hubbournet Rave 26 PC A PAPPA PPAPPPP	1221182 8 8
- 6 19201090 Bitram Singh 26 PT PPPPAPPPPPPPPPPPPPPP	10 20 1090 P P
- 7.1920113 Arshon Sonah 26 PTPAPPPPPPPPPPPPPPP	1001117 00 0 0 0
- 8 19201229 Robut Bhatte 24 PITEPPPAPP APPPAPPAPPAP	10701220 PW 4 4 4 5t
-9.19201250 Manta 22 PT-APPPPPAPPPAPPPAPP	10201250 9 9 9 9
-10/19201284 Bursewat Singh 23 A - PPPPA PPPIA PPPPA - PPPA	10 2412811 10 10 12 23 02
11 19201371 Karoniet Simon 21 PG-10 0 PP0 0 Z P 0 0 PP0 Z	
- 12 1920 1456 Noveprent flingh 21 P- PPAPPP PPPPAPP	19201371 FT Z II4 21 35
1	
-	
-	
-	
-	

STUDENTS' CERTIFICATES:



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

(0): +91-183-6577719 +91-183-6577722 +91-183-2258097 DEPARTMENT OF PHYSICS Fax: +91-183-2255619 KHALSA COLLEGE AMRITSAR * AWARDED STATUS OF 'COLLEGE WITH POTENTIAL FOR EXCELLENCE' BY UGC * * NAAC ACCREDITATION 'A' GRADE * ISO 9001-2000 * ISO 14001-1996 * Estd. 1892 e-mail: principalkca@khalsacollegeamritsar.org www.khalsacollegeamritsar.org 9877 /Phy-Ref. No. 10-8-2021 Dated 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). gan (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

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.

Time: 1 Hour

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:

		KHALS. B.Sc.(Hons) Physics	A			Ail LI	ne Li	E	Ad	ded E	A	C IN v	and All	RI	T E	S.	A	R						
	Class_	B. &. (Hous) Physics	Sem-	Y		-		-				_	-	A	ugu)ep	20		20	21		-	
S. No.	Roll No.	Name	Attendance B.F.						21 2 25	21 8 26	2/2/20	2100/31	2191-	21012	719100	7/17/9	21 9/3	21-1-14	21 9/ 16	21 01 2	21012		otal	Remarks
	1970500	Dilvaj Singh		1	2	3	A	4	5	6	7	8	-	-		12	3	14	15		16	-		
2	19705002	Ajneesh gazg		1	2	3	4	5	6		A	8		_			_	A		-	-	-	1.1	
3	19705003	Manneet Kawy		1	2	A	3	4	5	6	7	8	9	10		12		14	-	-	-	-		
_ 4	19705005	O wais Nisar		1	2	-	3		5	6	1	8	٩	A	-	_	12		19	15	-	-		
5	19705008	Tamanha		1	2	3	4	5	A	6	7	8	9	-	-	12	13	A	19	15	-	-		
_ 6	19705009	Karam bin		1	2	3	4	5	A	6	7	8	9	A	10		12	-	-	-	-	+		-
	19705011	Ishwarpreet Singh		1	A	A	2	3	4	5	6	7	8	9	-		-		14		_	>		-
8	19705013	Raibin Singh		A	1	2	3	-	A	4	5	_	1	8	٦	_	11	A		-	-	1		\vdash
_ 9	19705015	Navdeep kawi		1	2	3	4	5	6	A	1	8	9	(0	-	12	-	-	15	-	-	6		
- 10	19705016	Sana		1	2	3	4	5	C	1	8	-	-	11	12	-	+	14	-	-	-	1		-
_ 11	19705017	Sikhpreet Kaur		1	2	3	4	A	5	6	7	8	9	10	-	A	12	-	-	· · ·	-	5		
-12	19 705018	Pandeep Kawy Manjot Kawy		1	2	3	4	5	6	\$	-	8	9	10	11	12	-	13	_			6		
_13	19705019	Manjot Kaun		11	A	2	3	4	A	5	6	1	8	9	10	A	11	12	- 1.	3 1	41	15		1
14				-	-		\vdash			-														
						\vdash																		-
						\vdash		_											-					1
1	1.																		T					
		at a start start																						
4														T							-		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
14	<u>.</u>				-										T									
Sec. 1					1						-	-	-	-	-		-	-	-	-		-		

STUDENT'S ATTENDANCE:

Class	ß	·\$	K	П µ	I -1	N)Pu	L.S.	S/	I Se	0	Va	lu Da	e I ta	A	dd CC nal	od ill yn	E	Ca A u	MRITS sily Exce	SAR	9 2021	
	7 012	ろしてい	2/0-100	21012	2/0100	2181V	21210	71001	21 11 14	지의고	215	21012	21 12 27	21012	オーショ	21 21 50	지리-	として	Lectures Attended	Lectures Brought Forward	Total	Remarks
19705001	h	18	19	20	21	22	23	24	25	26	A	27	23	29	30	A	31	32		32		
19705002	17					22														33		
19705003	18		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		35		
19705005	A					19												29		29		
19705008	-					21														31		
19705009	16	17				20														31		
19705011	17	- 18	19	.20	21	22	23	24	25	26	27	2.8	29	30	31	31	33	34		34		
19705013	15	16	17	A	18	19	20	21	22	23	24	A	25	26	27	28	A	29		29		
19705015	17	18	19	20	21	22	23	A	24	25	26	.21	28	27	30	31	32	33		33-		
1970 5016	18	19	20	4	22	23	24	25	26	21	A	28	29	30	31	32	33	34		34		
19705017		17		19	20	21	22	23	24	25	A	26	27	28	29	30	A	31		31		
19705018	17	A				21														31		
	16	17	18	A	19	20	21	22	23	24	25	26	27	A	28	29	A	30		30		
	•										-				•							
																,						·
																	-					1. A.
								-												-		1 2 7
															4							
												-										
	-																					

STUDENT'S ATTENDANCE:

		KHALS B. Sc. (Hay.) Physics Se	A	C	lal Q	L		AE	G	E	Fu	(M	MI	RI	T Ce	S	A	R	1				
	Class_	B.Sc. (Has.) Physics St	m-I	1	alo	-	a	na	Ju			0				_/	Ura	4		20	21	_	
S. No.	Roll No.	Name	Attendance B.F.	コレーシ	エレニノエ	シーレ	コー	オーの	オーヨー	21=10	コニニ		シーニ									eques	Remarks
-1	1970 5001	Dilnaj Singh	32	33	34	35	36	37	A	38	39			_	_	_	-	-	-	+	-	41	
2	1970 5002	Ajneesty gaog	33	34	_	35	_	_	_				40	_	-	_	_	-	-	\rightarrow		10	
31	9705003	Ajneesh Jarg Mayneet Kawy	35									-	40	_	_	-	_	-	-	+	-	40	
		Owars Nisar	29		30								A	_	_	_	_	-	-	\dashv		35	
5	9705008	Yama nna	31		33							31		_	_	_	_	_	_	$ \dashv$	-	40	
	97050 09		31		33				36	31	38		39	_	_	_	_	_	_	\vdash	+	39	-
71	9705011	Ishwankeet Singh	34	35		36				40			42	_	_	_	_	-	-	\vdash	+	42	-
8 1	9705013	Rajbin Singh	29		A			_	_	34	_	"	36		_	_	_	_	-	\vdash		36	-
9 10	9705015	Navdeep Kawy	33		34									_	_	_	_	_	-	\vdash	-	49	-
10 1	9705016	Sana	34	35	36	31	38	39	40	41	42		44	_	_	_	_	_		\vdash	_		+
11 19	1705017	Suchpreet kawy	31	32	A	33	34	35	H	H	36	31	38	_	_		_	_		H	_	38	+
12 19	9705018	Pardeep Kaur	31	32	33	34	A	35	36	31	H	38	31		_		_	_	-	\vdash			+-
13 1	97050 19	Manjot Kawi	30	31	32	33	A	34	35	36	H	31	38	_				_	-	\vdash	_	38	+
		0					_		_	-		7.	٨	-					_	\vdash			+
										-	1	He	,			5.	-	16		-	1.		+
								4	04)	Fo	ne	-	lec	tu	Nes		por	L	pe	erc.		+
												-	-		_		Ľ	-	-	-	-		+
													-	-	_					-			+
				L										_	-				-	\vdash	-		+
																	_			-	-		+
-																			-	1			+
	17 A 1										L									\perp	-		+
																					-		+
S. Par																							1

STUDENT'S CERTIFICATES:

S.No. 001	Ren No 202 /KCA/SDC/
KHALSA COLLEO	
(An Autonomous (
KHALSA GLOB	AL REACH
SKILL DEVELOPM	IENT CENTRE
Certifi	cate.
ceaqu	and
This is to certify that Mr./Ms. Dilnaj Singh	
Sidiof Davinder Singh and Mrs.	Kamaljeet Kawi
having pursued the prescribed course in Data analysi	s using Excel Spreadsheet
in the Department of Physics ha	s been placed in <u>A</u> t grade.
	1961 - Dan 17 Cardination (Branch, Brann, 1976 - 1977)
Registrar / Head, Department of Direct	F M -
Amritsar	or Principal pent Centre
S.No. 002	Reg. No. 202 /KCA/SDC/ Roll. No. 1970 Sop 2-
(An Autonomous C KHALSA GLOB	college)
(#3)Ci, 1(8)28	
SKILL DEVELOPM	
Certifi	cate
	2 WE LOUGHT
This is to certify that Mr./Ms. Ajneesh goig	
S/d/of San jeev kumon gorg and Mrs.	shelly gag
having pursued the prescribed course in Data analy	n's using Excel spreadsheet
in the Department of Phy Aics ha	s been placed in Agrade.
Registrar / Head, Department of Amritsur	or 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.

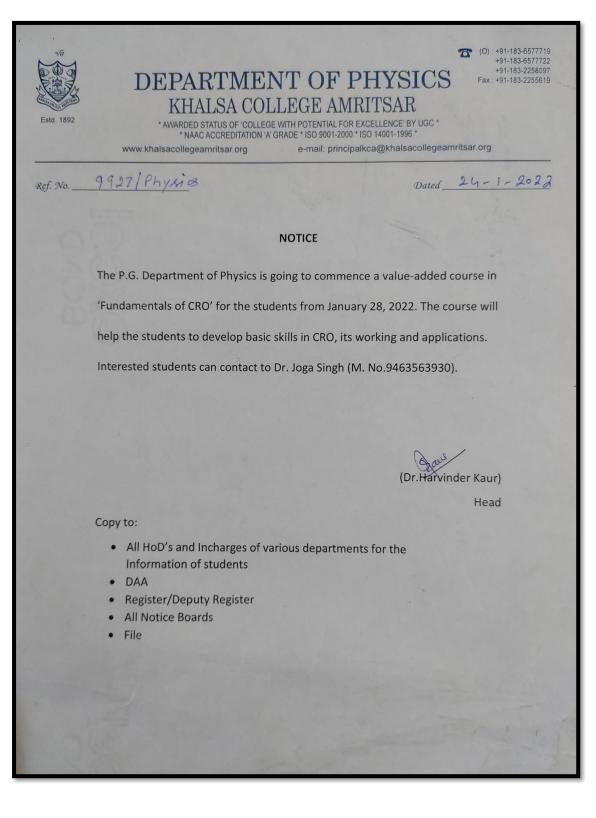
DURATION:

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:



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.

		KHALS	A	C	O Va	L	L	E	G		E .	A	M	R		rs	51		R		(Ð	
	Class_	B.Sc (Hons) Phy Seni IV		fu	nd	am	ien	ta	ls	0	, 4	RO		-					-	_20) <u>21</u>	-22	
S. No.	Roll No.	Name	Attendance B.F.	28-1-22	28-1-22	29-1-22	29-1-22	4/2/22	12/22	r rite	51212	11/2	112/2	12/2/22	12/2/22	18/2/2	18/2/22	12/2/2	21212	51212	26/2/22	Total	Remarks
1	20705002			1	2	X	X	3	4	5	6	×	×	7	8	9	10	11	X	M	12	12	
2	03	Jyoti		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	x	×	16	16	
3	05	Jysti Rupinder kaus Amanjeet singh Mansi		13	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	1
4	07	Amanycet singh		x	×	1	2	3	4	5	6	2	8	x	×	9	10	11	12	13	14	14	
5	10	mansi		1	2	×	×	×	×	3	4	5	6	7	8	9	10	11	12	13)4	14	
6	11	Nandni		1	2	3	4	x	×	s	6	7	8	9	10	11	12	13	14	15	16	16	
7	16	Simsanjeet kau Jashan		x	X	1	2	3	4	5	6	7	8	X	x	9	10	11	121	13	X	13	
8	17			1	2	X	x	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	
9	20	Amanat		X	X	X	×	1	2	3	4	×	×	5	6	7	8	9	10	11	12	12	
					_																2		-
-																					-	Tal.	/
					-	_	_														54		
					-	_																	
				_		_		-															
				-	-	-	-	-	-	_										1			
				-		-	-	_	_	-	_												
				-		-	-	-		_													and a
				-	-	-		-				_											
					-	-				_	_	-											
				_	_																		-

STUDENTS' ATTENDANCE:

(E)			K	H	A	L	Ś	A											MRITS	SAR	35	Ð
Class B. S	sc (Hor	ns)	Ph	y 8	em	IV			fi	ine	dar	nei	ta	ls	ef	cr	20	dires	2	0 21 - 22	2
Roll No.	6272	26/21/22	1132	=121(2	11 3/22	26 3 2	20/2/2	26/24/22	1 72	142	2512	21512	00/5/2	8/512	8/5/2	9/1/2	9/5/2	15/2/2	Lectures Attended	Lectures Brought Forward	Total	Remarks
1000	12	14	15	16	17	x	×	x	18	19	20	21	22	23	24	25	26	27	- A	27	2.1 2.5	201261
accent	_		_	_	_	22	_	-			25	26	27	28	24	30	31	22		32	E. S.	
	_	20	-			24				-			29	30	31	×	×	32	11	32	13	
¥-	15	16	X	-	×	17		-	-	-	×	×	×	×	×	22	23	24	dist	24	A	
	15		17		_	20			23		×	×	25	26	27	28	29	X		29	11 10	
1-	17	-		20	-	×	-		22	1	24	25	26	27	28	×	X	29		29	11	
16	-		15	-		18	No. of Concession, Name	20	21	22	10000	24		-	27	-	28	30	- ages	30	2	
16		18	-	20		1.000	23	24	25	20	27	28	×	×	×	28	30	31		31		1
		14	-	-		-	×	×	13	19	20	21	22	23	1 24	XI	×	25	-	25	1-9-1-9-1	
~0		1																		1		-
								1					2								tul	
									1													
		1																			1.1	
		-	+		+	1	1															
	-	-	-		-		1			T												-
	-	-	-	-	+		+															
-	-	-	-	-	+		1															
-	-	+	+	+	+	-	-			-												
1	+	+	-	+	+	-	+	-		-												
	+	+	+	+	+	-	T	1		T												
	+	+	+	+	+	+	+	-	-													
	+	+	+	+	+	+	-	-	-													
	+	+	+	+	+	-	+	+	-	-												

	5	KHALS	A	C	0	L		E	G	E		41	1R	11	rs	A	R		3)
	Class B	Se (How) Phy SemTV											-				(1.10	_20	21-22	<u> </u>
S. No.	Roll No.	Name	Attendance B.F.	15/5/22	5/5/2	10/512	ドレンン	21-91 22	21-512	22/5/22	21 312	27/5/2							Tota	Remarks
	9.705009	Sucha Suich	+	28	29	30	31	x	x	x	32	32	×	<			1	1	33	
2	n3	Tusti		3)	34	×	x	35	36	37	38	39	-	-				91.4	39	
3	05	Sucha Singh Jyoti Rupinda Kau Amanjeet Singh Mansi			34		_	_		_			145				-		41	
4	07	Amanieet Singh		25	26	27	28	29	30	31	x	X							31	
5	10	Manei		X	×	30	31	32				36	2	14		K	-		36	+
6	11	Nandni		30	31	32	33	34	35	36	37		X	-			1		38	
7	16	Simsanjæt kaur Jæshan		-	32	_	-	-	X	-		36	5	-		1.			36	
8	17	Jashan		-	33	-	_		-		39			-		-	-		40	
9	20	Amanat	1 Int	26	27	X	X	28	29	30	31	32							32	
-		F.															A			-
		212/2010	-																	
		P				-175					-								-	
																		7	Jus	
-																		-		
-																				
															-					
													-				-			
1		Cardena and the best of the	and and the		10.140	1				362										

STUDENTS' CERTIFICATES:

S.No. O I	20705002 Reg. No. 202 /KCA/SDC/
	An Autonomous College)
KHALSA	GLOBAL REACH
	ELOPMENT CENTRE
This is to certify that Mr./Ms. SUCH	HA SINGH
Sidiof 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 <u>A</u> grade.
Registrar / Head, Department of AmritsarMAY2022-	Director Principal Skill Development Centre

S.No. 02	20705003 Reg. No. 202 /KCA/SDC/
(An Au	LEGE AMRITSAR tonomous College) LOBAL REACH
	OPMENT CENTRE
This is to certify that Mr./Ms. JYO	TLRANI
S/d/of Sh. PARVEEN KUMAR	and Mrs. NEELAM RANI
having pursued the prescribed course inF	undamentals of CRO
in the Department of Physics	has been placed in <u>A</u> grade.
برسویہ Registrar / Head, Department of Amritsar	Director Director Il Development Centre

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.





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.

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

LIST OF STUDENTS ENROLLED IN THE COURSE: Aerobic Training

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

Course Objectives:

- To develop insight into various values that necessarily helps 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

R.	2 Lectures por de 40 min / lecture Class Value au	blad company.	Ae	robic	Teca	inty	Oc	t.	20	2.		K	HALSA	COLL	EGE	AMRITS	SAR	13	
- 1	Class Valle u	8		T	Т	TTT	TT	TT			Class1						- NOV. 2		
	2 Roll N No. (MPT) 20611001 Kuluma	ame Attendance		678	9 10 1	12 13	14 15 14 0 1 1	1718	19 2021	Total	Roll • No.	00	A.	Nov.		Lectures Attended	Lectures Brought Forward	46 Total	Remarks
1	20611001 Kuluran 20611002 Joband	al Single		3 4 A	5 6	78	3 1	0 11	12 13 14		15	5161718	819-201	2122		2272 =	-	44	
2	20611004 Rareneel	Kourt	1.2:	345	6 7	891	0 1	1 12	13 14 15		15	16 17 18	8 19 20.	2122		22 X2 =		44	
4	20611005 Chitean	iset Kawa	1.2	345	6 7	89	0 1	1 12	13/14/15			17 18 10		22 23		2372 =		46	
1 -1	206/1006 Vanya	Seth	12:	345	6 7	891	0 11		A 13 14			17 18 1		22 23		2372=		46	
	CAPT- TT	year)							1314		15	5 16 17 1	8 19 20	2122		2272=		44	
1	17601032 Neoraj	Sharma	123	545	6 7	891	0 11	12	131415										
2	17601040 Ramanda	A Kour	12:	345	6 7	891	0 11		13/4/15			17181		22 23		23×2=		46	-
2	18601001 Harmeet	kaute	12:	345	6 A				12 13 14		11	17 18 1		22 23		2372=		46	-
9.	18601002 Harpree		123	345	6 7		0 11	12	13 14 15		15	17 18 1	18 19 20	2122		22 72=		44	
10.	03 Annalp		123	45	6 7	8 91	0 11	12	13 14 15			17 18 1		22 23		23×2=		46	-
	64 Ramanda		122	45	6 7		all		13 14 14			5 17 18 1		22 23		23 x2=		46	-
12	05 Decksha	Bindera	120				11		13 14 15		10	the last	192021	2223		2372=		46	
13	06 Aashmita	Ilbhal	123			8910			13 14 15		1		19 20 21	2223		2372=		46	
14	09 Mehabijat	kout	123				SOI		13 14 15				19 20 21 2	22 23		23 72=		46	
15	13 Vanshika	paule	123		527		_		13 14 15				1920210	22 23		23 72=		46	
16	15 Rabia SI	·	123		637				13 14 15				19 20 21 40	22 23		23 72=		46	
17	17 Anini	ingari				A 8 9			11 12 13				17 18 19	2021		21×2=		42	
18	18 Blawarbo		123	456		AAA	1.14		9 A A				1415 16 .	. 1718		1872=		36	
19	19 Nusbaan	Anna	123	4 5 6	HA	HHH			13 14 15				19 20 21	22 23		23 ×2=		46	
20	20 Arpandee	hai	123	720		0 9 10			13 14 15				19 20 21	22 23		23 72=		46	
21	21 Prabhio	haur.	1 2 3	7 5 6	11/	8 9 10		100	COLUMN DESIGNATION DESIGNATION				19 20 21	22 23		23 72=		46	
22	22 Arshdeep	Kaur.	1 2 3	756	7	8 9 10	1	-	13 14 15				18 19 20	2122		22 x2=		44	
23	23 Vishali 1	nawr.	123	4 > 6	7	0 4 10	A		12 13 14				192021	22 23		23×2=		46	
24	26 Hubtel	alhan	1 d 3	456	7	8910	0	1000	13 14 15				18 19 20	2122		2272=		44	
s	27 Kirpal	tala	23	A 4 6	6	789	10	C C C C C C C C C C C C C C C C C C C	12 13 14				18 19 20	2122		22 72=		44	
3	all niripal	eingh	123	AY S	6	789	01		12 13 14				18 19 20	2123		2272=		44	
	34 Amandeep 39 Babras	Kaus	23	456	7	8 9 10	A		12 13 14				19 20 21	22 23		2372=		46	
-	54 Babray	ingh 1	123	456	7	8910	11		13 14 15				19 20 21	22 23		2372		41	
	41 Jasmeen	Kaur 1	23	456	71	3 9 10	1		3 14 15				18 19 20	212		22 X2		4	1
	57 BKP Rajla	Ashmi 1	23	456	6 -	789	10	11	12 13 14	-		5 10 11	10111 POL	- pop					

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. <u>Arpandeep Kaur</u> S/d/of <u>S. Balwinder Singh</u> and Mrs. <u>Rajveinder Kaur</u>	
having pursued the prescribed course in <u>Aerobic Training</u> (Value Added Course) in the Department of <u>Physiotherapy</u> has been placed in <u>A</u> grade.	
Maru Vielist Registrar / Head, Department of Amritsar	

S.No. 02. Reg. No. 202 /KCA/SDC/
KHALSA COLLEGE AMRITSAR
KHALSA GLOBAL REACH
SKILL DEVELOPMENT CENTRE
Certificate
This is to certify that Mr./MsHarpreet Kaur
S/d/of.S. Daljit Sirgh and Mrs. Yurmej Kaur
having pursued the prescribed course in Aerobic Training (Value Added Course)
in the Department of Physic therapy has been placed in A + grade.
lan Vishit Opeter M-
Registrar / Head, Department of Director Principal AmritsarNowwardgra2021 Skill Development Centre

Khalsa College Amrítsar 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



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).

- solintal 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.

			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	Ridhi.
2.	Heena Gupta	21716002	Gurudutt Mahajan	Shukla Gupta	Inalyte
3.	Rupinderjeet Kaur	21716007	Kuldip Singh	Palwinder Kaur	Rupindegicet
4.	Loveleen Kour	21716010	Balvinder Singh	Davinder Kour	Loveleen
5.	Shikha Pathania	21716013	Ravinder Pathania	Arti Pathania	Shathan
6.	Gaganpreet Kaur	21716014	Jaswant Singh	Kashmir Kaur	Jaganpriset
7.	Maninderjit Kaur	21716015	Sukhdev Singh	Ravinder Kaur	Marundezittz
8.	Mandeep Kaur	21716016	Harinder Mohan Singh	Sarabjot Kaur	Kaul
9.	Ravneet Kaur	21716017	Bikramjit Singh	Bhupinder Kaur	Raincet
10	Alisha Thakur	21716019	Ranjeet Singh	Indu	Alish helan
11	. Kanavpreet Kaur	21716020	Gurmej Singh	Palwinder Kaur	Kanarpia
12		21716021	Janak Raj	Veena Devi	Sat she
13	. Charu Guleria	21716022	Shamsher Singh	Manju Bala	Chara Gule
14	. Kirandeep Kaur	21716024	Dalwinder Singh	Kanwaljit Kaur	Kiocandeepk
15	. Meghna Rana	21716025	Om Parkash	Suman Rana	Mestina Pore
16	. Simran Kaur	21716027	Rajinder Singh	Sukhwinder Kaur	Simonfil
17	. Azia Koser	21716029	Mohd Jabir Khan	Koser Begum	Azia kouer
18	. Sanjogdeep Kaur	21716031	Inderpal Singh	Livleen Kaur	Banjordeefur.

Course Coordinator Dr. Jaswinder Singh

Η Dr. Jasjit Kaur Randhawa

Attendance

KHALSA COLLEGE AMRITSAR Class_M.Sc. J. Sen Value added Course20	KHALSA COLLEGE AMRITSAR 20
Class M.Sc. Den Value added Course 20 $\frac{9}{20}$ Roll Name $\frac{9}{100}$ M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.	Roll 20 Roll 20 No. A A A A A A A A A A A A A A A A A A A

Class Mise-D Sen Vil			20	Class	KHALSA	COLLEGE	AMRITS	SAR 2		
No. Name unit of the second se	12112182412 ⁺¹³ 11/329/31/918/922/25/9		Remarks	Roll No.			Lectures Attended	Lectures Brought Forward	Total	Remarks
21716001 Nidhi 4	A 1 2 3 A 4 5 6 7 8									
02 Heena 1	1 2 3 A 4 5 6 A 7 8 9 A A 1 2 3 4 5 6 7 A 8									
07 Rupindonjest tauz 1 10 douvles tauz 3	A 1 2 3 4 5 6 7 A 8									
10 Lowlean town	123456A78910 HA12A345678									
13 Shikha Bathania	HA12A345678									
14 Gaganpret tour	123456784101									
15 Maninclesjit tous. 1	2345\$6789104									
16 Mandeep tour 1	2439367896									
17 Rownest tous	A 1 2 A 54 5 B + 6 1 2 3 4 56 7 8 9 6 11 2 3 4 56 7 8 9 6 10 2 3 4 56 7 8 9 6 A 2 4 8 4 56 7 8 9 6 A 4 1 2 8 4 56 7 8 9 6 A 4 1 2 8 4 56 7 8 9 A 4 2 3 4 56 7 8 9 A 4 2 3 4 56 7 8 9 A 4 3 4 5 6 7 8 9 A 4 4 5 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8									
19 Alishe Thakur -	22 456 7 094 10									
20 tensupret daur 2 21 Sakshi 2	2345678961			-						
21 Jakshi	1 4 2 3 4 5 6 7 8 9									
	A 1 2 3 4 5 A A 6 F									
24 Kirandrop Jaws A 25 Meeting Rang 1	234567A896									and the second second
27 Simzan Laur A	A A 1 2 2 A U S 6 A									
29 Asia 1	A A 1 2 3 A 4 5 6 A 2 3 4 5 6 7 8 9 6 A 2 3 A 4 5 A 6 7 8 9 6 A 2 3 A 4 5 A 6 7 8 9									
29 +1210 1	22 A V S A 6 7 8 9	1 1 1 1 1 1								
31 Sanjagduep Jaws. 4	2 JM ISING / - /									
								_		
									-	-
								_		-
				4				-	-	
									-	
										-
									_	-
						and a state of the		and the second second		State of the local division of the local div

Certificates

S.No. 1	Reg. No. 2021/KCA/SDC/ Z00-01
KHALSA COLLEGE	AMRITSAR
KHALSA GLOBA	
SKILL DEVELOPME	NT CENTRE
Certifica	ate
This is to certify that Mr./Ms. Nidhi Panhatia	(A
s/d/ofmi.Tej Ram Panhotsa and Mrs. Pin	ky Devi
having pursued the prescribed course in <u>Vermicomp</u>	asting (Value Added)
in the Department of Zoology has be	en placed ingrade.
Registrar / Head, Department of Zoology Director Amritsar	ML – Principal
S.No. 17	Reg. No. 2021/KCA/SDC/ Zoo-17
KHALSA COLLEGE	

Reci 1002	(An Autonomous College) KHALSA GLOBAL REACH
	SKILL DEVELOPMENT CENTRE Certificate
	This is to certify that Mr./Ms. Azia Koser S/d/of M. Mohd Jabir Khan and Mrs. Koser Begun
	having pursued the prescribed course in <u>Vernicomposting</u> (Value Added) in the Department of <u>Zoology</u> has been placed in grade.
	Registrar / Head, Department of Zoology Director Principal Amritsar