

ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
(1961 ਦੇ ਪੰਜਾਬ ਐਕਟ ਨੰਬਰ 35 ਤਹਿਤ ਸਥਾਪਤ)
(ਕਾਲਜ ਸੈਕਸ਼ਨ)

ਨੰ. 1316 / ਕਾਲਜ 'ਸ-3

ਮਿਤੀ 22/11/2011

ਪ੍ਰਿੰਸੀਪਲ,

ਸ਼੍ਰੀਮਤੀ ਕਮਲਾ

ਮਾਮਲਾ

ਵਿਸ਼ਾ:- ਸ਼੍ਰੀਮਤੀ ਕਮਲਾ ਦੇ ਪੁੱਤਰ ਨੰ. 4822 ਮਿਤੀ 6-11-2011 ਦੇ ਹਵਾਲੇ ਵਿਚ ਸੂਚਿਤ

ਸ਼੍ਰੀਮਤੀ ਜੀ.

ਆਪ ਜੀ ਦੇ ਦਫਤਰ ਦੇ ਪੱਤਰ ਨੰ. 4822 ਮਿਤੀ 6-11-2011 ਦੇ ਹਵਾਲੇ ਵਿਚ ਸੂਚਿਤ
ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਵਾਈਸ-ਚਾਂਸਲਰ ਸਾਹਿਬ ਨੇ ਆਪ ਜੀ ਦੇ ਕਾਲਜ ਵਿਖੇ ਸੈਸ਼ਨ 2009-10 ਤੋਂ ਕੈਰੀਅਰ
ਉਰੀਐਂਟੇਡ ਸਕੀਮ ਅਧੀਨ ਟੈਕਸਟ ਬੁਕ ਰੀਵਿਜ਼ਨ ਦਾ ਵਿਸ਼ਾ
ਸ਼ੁਰੂ ਕਰਨ ਦੀ ਪ੍ਰਵਾਨਗੀ ਅਕਾਦਮਿਕ ਕੌਂਸਲ ਦੀ ਪ੍ਰਵਾਨਗੀ ਦੀ ਆਸ ਵਿਚ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ। ਇਸੇ ਵਿਸ਼ੇ
ਲਾਪਸਟ ਹੈ ਕਿ ਕਾਲਜ ਯੂ.ਜੀ.ਸੀ. ਅਤੇ ਯੂਨੀਵਰਸਿਟੀ ਦੀਆਂ ਸ਼ਰਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨ ਦਾ ਪਾਬੰਦ ਹੋਵੇ।

ਵਿਸ਼ਵਾਸਯੋਗਤਾ,

ਸਹਾਇਕ ਰਜਿਸਟਰਾਰ (ਕਾਲਜ)

Harjeet Gajjar

Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

TRANSLATED VERSION

PUNJABI UNIVERSITY, PATIALA

(Established under Punjab Act No. 35 of 1961)

(College Section)

No. 1316/college/s-3

Date: 22/4/09

Principal

Government College

Mohali

Subject: Permission to start Add-on course in Pharmaceutical Chemistry

Respected Sir,

In response of this letter no. 9822, date: 6/3/09, it is said that the Vice- Chancellor has given the permission to start "Add-on course in Pharmaceutical Chemistry" under the career oriented scheme in our college from session 2009-10. The permission is given under the anticipatory approval of the Academic Council. Further, it is important to mention that college is bound to abide by the conditions and norms of university and UGC.

Yours faithfully,

Assistant Registrar

(colleges)

To,

The Principal

S.M.H.S. Government College

S.A.S. Nagar Mohali

Respected Ma'am,

We plan to start Add-on Course in Pharmaceutical Chemistry, UGC Sponsored course for B.Sc. (medical) and B.Sc. (non-medical) students. The duration of the course is one year which includes theory and practical classes. Kindly grant us permission to start this course from 1st September 2022.

Thanking you

Yours sincerely

Harjeet Arjhal
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar
Sahibzada Ajit Singh Nagar

SMHS Govt. College Mohali

Chemistry Department

NOTICE FOR STUDENTS

This is for the information of the students that the college is going to start Add-on course in Pharmaceutical Chemistry , UGC sponsored course for session 2022-23. B.Sc. (medical) and B.Sc. (non-medical) students are eligible. The course will be of one year. Students can apply from 15th August to 31st August 2022. Classes will commence from 1st september 2022 in Chemistry Lab.

COURSE OFFERED

- 1) Certificate course for B.Sc. 1st year
- 2) Diploma course for B.Sc. 2nd year
- 3) Advanced Diploma for B.Sc. 3rd year

ASSESSMENT CRITERIA

Maximum Marks- 100

Theory paper- 40

Theory Internal Assessment- 20

Practical Paper – 30

Practical Internal Assessment- 10

Certificates for this course will be awarded by Punjabi University, Patiala.

Harjeet Anjpal

Principal

S.M.H.S Government College, Mohali
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

LESSON PLAN FOR ADD-ON COURSE IN PHARMACEUTICAL CHEMISTRY

Session- 2018-2019,20,21,22,23

For B.Sc. 1st year (Medical and Non- medical) (sem 1 and 2)

Subject: Add on Certificate course in Pharmaceutical Chemistry

Start of course: 2nd week of September 2022

End of course: 1st week of May 2023

MONTH	TOPICS COVERED
6 th sep-10 th sep	1. Acids & Bases: acid base theory, specification of acidity and basicity
12 th - 17 th sep	Official inorganic acids (Boric Acid, Hydrochloric Acid, Nitric Acid, Phosphoric Acid). Non-official inorganic acid (Sulphuric Acid),
19 th -24 th sep	Official inorganic bases (Strong Ammonia Solution, Calcium Hydroxide, Potassium Hydroxide, Sodium Carbonate, Sodium Carbonate, Soda lime).
26 th -30 th sep	2. Buffers: Theory and Mechanism
1 st oct-8 th oct	Pharmaceutical Buffer selection, Pharmaceutical buffer systems.
10 th -15 th oct	3. Essential and Trace Ions: Iron
17 th -22 nd Oct	Copper, Zinc, Chromium
24 th -31 st oct	4. Gastrointestinal Agents: Acidifying agents
1 st nov- 5 th nov	antacids (antacid products: Sodium Bicarbonate, Aluminium containing antacids.
7 th -12 th nov	Aluminium Hydroxide, Tribasic Calcium Phosphate, Magnesium containing Antacids
14 th -19 th nov	Magnesium Carbonate, Magnesium Hydroxide. Practical- 1. The student should be introduced to the main analytical through demonstrations. They should have a clear understanding of a typical analytical balance, the requirement of good balance, weights, care and use of balance methods of weighing and error on weighing. The student should also be acquainted with general apparatus required in various analytical procedures.
21 st -26 th nov	5. Topical Agents: Astringents: Official compounds of Aluminium and Zinc.
28 th -30 th nov	6. Dental products Anticaries agents: Fluorides, Phosphates
1 st dec-3 rd dec	7. Nuclear Chemistry: Nuclear composition Practical- 2. Standardization of analytical weights and calibrations of volumetric apparatus.
5 th -10 th dec	Force and stability, isotopes, radioactive emission, measurement of radioactivity,
12 th -17 th dec	model of decay, half-life period, artificial radioactivity, application in pharmacy
19 th -24 th dec	8. Coordination Compounds and Complexation: Theoretical consideration
26 th -31 st dec	8. Coordination Compounds and Complexation: Theoretical consideration Practical- 3. Acid Base Titrations: Preparation and standardization of acids and bases.
2 nd jan-7 th jan	8. Coordination Compounds and Complexation: Theoretical consideration

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Principal
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	Practical- 4. Oxidation–Reduction Titrations: Preparation and standardization of some redox titrants e.g potassium permanganate, potassium dichromate, iodine, sodium thiosulphate
9 th -14 th jan	official products (Calcium Disodium EDTA). Practical- 5. Use of Gravimetric Analysis shall be covered like estimation Nickel and Copper
16 th -21 st jan	9. Acid Base Titrations: Acid base concept. Role of the solvent, Relative strengths of acids and bases
23 rd -31 st jan	Law of action. Common ion effect, ionic product of water, pH, Hydrolysis of salts, Handerson-Hasselbach equation.
1 st feb-4 th feb	Buffer and buffer capacity. Acid Base indicators, Practical- 6. The student should be introduced to the various laboratory techniques through demonstration involving single step synthesis of some selected organic compounds of medicinal importance.
6 th -11 th feb	Theory of Indicators, Choice of indicators. Practical- 7. Identification of Organic compounds having functional group: Acidic, Phenolic, Aldehyde, Ketone.
13 th -18 th feb	Neutralization curves (Strong acid strong base, strong acid weak base, weak acid strong base and weak acid weak base).
20 th -28 th feb	10. Oxidation –Reduction titrations: Concept of oxidation and reaction.
1 st mar-4 th mar	Redox reactions, equivalent weight of oxidizing and reducing agents, electrochemical cells
6 th -11 th mar	Reduction potential, standard reduction potential, Nernst equation
13 th -18 th mar	Cell representations, measurement of electrode potential Practical- 8. Introduction to the use of stereo models. 9. Limit test for Chloride, Sulphate, Lead, Iron
20 th -25 th mar	measurement of electrode potential and its application in determining the equilibrium constant of a reaction.
27 th -31 st mar	11. Theoretical basis of qualitative detection of inorganic cations and anions. Practical- 10. Quantitative Inorganic analysis.
1 st apr-8 th apr	12. Stereochemistry: Introduction, Stereoisomerism, Enantiomerism,
10 th -15 th apr	Diastereoisomerism, optical activity, chiral centre, Racemic modification
17 th -22 nd apr	Meso-structure, Configuration, Reaction involving stereoisomers, Stereospecific reactions.
24 th -29 th apr	13. Add Structure nomenclature Preparation & Reaction of: Alkane, Alkene,
1 st may- 6 th may	Alkynes and their cyclic analogs, Alkyl Halides Benzene

SYLLABUS

CERTIFICATE COURSE IN PHARMACEUTICAL CHEMISTRY

For 2018-19, 2019-20 and 2020-21, 2021-22, 2022-23 session

3Hrs./Week

Max. Time: 3 Hrs.

Max. Marks: 40

Internal Assessment: 20

Total Marks: 60

INSTRUCTIONS FOR THE PAPER SETTERS

The question paper will consist of three sections A, B and C. Section A and B each will have four questions from the respective sections of the syllabus. Each question shall carry 4 marks. Section C will consist of 8 short answer type questions which will cover the entire syllabus uniformly and will carry 16 marks in all.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt three questions each from section A and B. Section C is compulsory

SECTION A

1. Acids & Bases: acid base theory, specification of acidity and basicity, Official inorganic acids (Boric Acid, Hydrochloric Acid, Nitric Acid, Phosphoric Acid). Non-official inorganic acid (Sulphuric Acid), Official inorganic bases (Strong Ammonia Solution, Calcium Hydroxide, Potassium Hydroxide, Sodium Carbonate, Soda lime).
2. Buffers: Theory and Mechanism, Pharmaceutical Buffer selection, Pharmaceutical buffer systems.
3. Essential and Trace Ions: Iron, Copper, Zinc, Chromium.
4. Gastrointestinal Agents: Acidifying agents, antacids (antacid products : Sodium Bicarbonate, Aluminium containing antacids. Aluminium Hydroxide, Tribasic Calcium Phosphate. Magnesium containing Antacids, Magnesium Carbonate, Magnesium Hydroxide.
5. Topical Agents:
Astringents: Official compounds of Aluminium and Zinc.
6. Dental products
Anticaries agents: Fluorides, Phosphates.
7. Nuclear Chemistry: Nuclear composition, Force and stability, isotopes, radioactive emission.

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measurement of radioactivity, model of decay, half life period, artificial radioactivity.
application in pharmacy.

8. Coordination Compounds and Complexation: Theoretical consideration and official products (Calcium Disodium EDTA).

SECTION B

9. Acid Base Titrations: Acid base concept, Role of the solvent, Relative strengths of acids and bases, Law of action, Common ion effect, ionic product of water, pH, Hydrolysis of salts, Handerson-Hasselbach equation, Buffer and buffer capacity, Acid Base indicators, Theory of Indicators, Choice of indicators, Neutralization curves (Strong acid strong base, strong acid weak base, weak acid strong base and weak acid weak base).
10. Oxidation –Reduction titrations: Concept of oxidation and reaction, Redox reactions, equivalent weight of oxidizing and reducing agents, electrochemical cells, Reduction potential, Standard reduction potential, Nernst equation, Cell representations, measurement of electrode potential and its application in determining the equilibrium constant of a reaction.
11. Theoretical basis of qualitative detection of inorganic cations and anions.
12. Stereochemistry: Introduction, Stereoisomerism, Enantiomerism, Diastereoisomerism, optical activity, chiral centre, Racemic modification, Meso-structure, Configuration, Reaction involving stereoisomers, Stereospecific reactions.
13. Add Structure nomenclature Preparation & Reaction of : Alkane, Alkene, Alkynes and their cyclic analogs, Alkyl Halides Benzene.

LABORATORY

3Hrs./Week

Max. Time: 3 Hrs.

Max. Marks: 40

1. The student should be introduced to the main analytical through demonstrations. They should have a clear understanding of a typical analytical balance, the requirement of good balance, weights, care and use of balance methods of weighing and error on weighing. The student should also be acquainted with general apparatus required in various analytical procedures.
2. Standardization of analytical weights and calibrations of volumetric apparatus.
3. Acid Base Titrations: Preparation and standardization of acids and bases.
4. Oxidation –Reduction Titrations: preparation and standardization of some redox titrants e.g. potassium permanganate, potassium dichromate, iodine, sodium thiosulphate.

Handwritten signature
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

5. Use of Gravimetric Analysis shall be covered like estimation Nickel and Copper.
6. The student should be introduced to the various laboratory techniques through demonstration involving single step synthesis of some selected organic compounds of medicinal importance.
7. Identification of Organic compounds having functional group: Acidic, Phenolic, Aldehyde, Ketone.
8. Introduction to the use of stereo models.
9. Limit test for Chloride, Sulphate, Lead, Iron.
10. Quantitative Inorganic analysis.

BOOKS RECOMMENDED

1. J.H. Block, E. Roche, T.O. Soine & C.O. Wilson, "Inorganic Medicinal and Pharmaceutical Chemistry". Lea & Febiger, Philadelphia, P.A.
2. L.M. Artherden, Benteley & Drivers, "Textbook of Pharmaceutical Chemistry", 8th edition.. Oxford University Press, Delhi.
3. Pharmacopoeia of India, Govt. of India, Ministry of Health.
4. A.H. Beckett and Stenlake, "Practical Pharmaceutical Chemistry", part 1. 3rd edition.
5. J. Bassett, R.C. Denny, G.H. Jeffery, J. Mendham, Vogel's Textbook of Quantitative Inorganic Analysis including elemental instrumental/ Analysis, the ELBS and Longman. London (Latest edition).
6. F. G. Mann and B.C. Sunders, "Practical organic chemistry", The English Language Book Society and Longman Group London (Latest edition).
7. A.I. Vogel, "A textbook of practical Organic Chemistry", The English Language Book Society and Longman Group London (Latest edition).
8. E.I. Elien, "Stereochemistry of Carbon Compounds". Mc GrawHill Book Company, inc.. New York (Latest Edition).

Harjeet Arjyal
Principal
SMPS Govt. College
Sahibzada Ajit Singh Nagar

GOVERNMENT COLLEGE, SAHIBZADA AJIT SINGH NAGAR, MOHALI
LIST OF STUDENTS WHO PAID FEES FOR EXAMINATION OF ADD ON CERTIFICATE COURSE IN PHARMACEUTICAL CHEMISTRY (2022-2023)

S. NO.	REG. NO.	NAME	FATHER'S NAME	MOTHER'S NAME	CATEGORY	SEX	MEDIUM	COURSE	FEES	
21	1 612-22	Rahul Kumar	Surinder Kumar	Raj Ram	GENERAL	Male	MEDIUM	Certificate Course	600	Rahul Kumar
22	2 612-22-269	Siya	Suraj Pal	Anita Ram	GENERAL	Female	ENGLISH	Certificate Course	600	Siya
23	3 612-22-915	Manpreet Kaur	Lajja Ram	Harpreet Kaur	OBC	Female	ENGLISH	Certificate Course	600	Manpreet Kaur
24	4 612-22-	Harsimran Singh	Jasnail Singh	Sukhwinder Kaur		Male	ENGLISH	Certificate Course	600	Harsimran Singh
25	5 612-22-262	Dimpal Kumari	Manoj Mahto	Sita Devi	BC	Female	ENGLISH	Certificate Course	600	Dimpal Kumari
26	6 612-22-272	Simran	Rakesh Kumar	Suman Devi	BC	Female	ENGLISH	Certificate Course	600	Simran
27	7 612-22-268	Ankita	Birbal	Geeta	SC	Female	ENGLISH	Certificate Course	600	Ankita
28	8 612-22-265	Taranvir Kaur	Surjit Singh	Ramandeep Kaur	OBC	Female	ENGLISH	Certificate Course	600	Taranvir Kaur
29	9 612-22-264	Kirandeep Kaur	Bohar Singh	Gurpreet Kaur	OBC	Female	ENGLISH	Certificate Course	600	Kirandeep Kaur

Harijeet Garg
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar
Sahibzada Ajit Singh Nagar

Government College, S. A. S. Nagar, Mohali

Final Theory Examination

UGC Add on course in Pharmaceutical Chemistry

Course: Certificate Course in Pharmaceutical Chemistry

Subject: Pharmaceutical Chemistry

Session: 2022-2023

Max. Marks: 40

Max. Time: 2:00 hrs

SECTION A

This section carries 5 short answer type questions of 4 marks each and all are compulsory.

Q. 1) Explain radio-active decay? Mention units of radioactivity.

Q. 2) Explain the terms: a) Buffer solutions

b) Buffer Capacity

Q. 3) What are Chelating Agents? Give examples.

Q. 4) Define the following : a) Arrhenius Concept

b) Bronsted- Lowry Concept

Q. 5) Define half- life in detail.

SECTION B

This section carries 2 long answer type questions of 5 marks each. Attempt any one of them.

Q. 6) Explain the following terms: a) Law of mass action

b) common-ion effect

c) Acid- Base indicators

d) pH

OR

Q. 7) Explain the following: a) Lewis Concept

b) Conjugate Acid-Base pairs

Hareet Anjial

Principal

S. A. S. Govt. College

Salazada Ahl-e-Sunnat Nagar

- c) Strong Ammonia solution
d) Nitric Acid

SECTION C

This section carries 2 long answer type questions of 5 marks each. Attempt any one of them.

Q. 8) Define anticaries agents? Explain the following compounds with method of preparation, properties and their uses: a) Stannous Fluoride b) Sodium Fluoride

OR

Q. 9) What are topical agents? Explain the followings:

- Aluminium chloride
- Zinc Sulphate
- Alum

SECTION D

This section carries 2 long answer type questions of 5 marks each. Attempt any one of them.

Q.10) What are gastrointestinal agent? Explain the following:

- a) Tribasic Calcium Phosphate
- b) Magnesium Carbonate heavy

OR

Q. 11) Explain the following terms:

- a) Nernst Equation
- b) Redox Reactions
- c) Standard Electrode Potential

SECTION E

This section carries 2 long answer type questions of 5 marks each. Attempt any one of them.

Q.12) Explain the following:

- a) Difference between Diastereomers and Enantiomers
- b) Optical Activity
- c) Stereoisomerism

Harjeet Goyal
Principal
SMHS Govt. College
Sahibzada Ajit Singh

d) Chirality

OR

Q. 13) Explain the following terms with example:

a) Essential elements

b) Any three reactions of Alkanes and Alkynes

Harjeet Arjyal
Principal
SMHS Govt. Collene
Kandana Ajit Singh

ਪਰੀਖਿਅਕ ਦੁਆਰਾ ਛੇ ਮਹੀਨਿਆਂ ਲਈ
ਰੱਖਣ ਤੇ ਸੰਭਾਲਣ ਲਈ ਪ੍ਰਤਿ ਪਰਜੀ.

परीक्षा BSc IInd Sem... April 2023

ਪਰਚਾ Certificate Course

(Theory) 40
ਅਧਿਕਤਮ ਅੰਕ.....

ਪਾਸ ਅੰਕ 14

Certificate Theory

ਪਾਸ 07 ਫੇਲ੍ਹ —

Savafis

ਪਰਿਵਾਰ ਦੇ ਪੁਰੇ ਹਸਤਾਖਰ

PUP(O)-9095-25000/10-14

Harjeet Gargal
Principal
S.D.S Govt. College
Sanibzada Ajit Singh Nagar

~~ਪ੍ਰਤੀਕਿਅਕ ਦੇ ਪੂਰੇ ਹਸਤਾਖਰ~~

Harjeet Arjpal
Principal
Sri GS Govt. College
Sanibzada Ajit Singh

ਪਰੀਖਿਅਕ ਦੁਆਰਾ ਛੇ ਮਹੀਨਿਆਂ ਲਈ
ਰੱਖਣ ਤੇ ਸੰਭਾਲਣ ਲਈ ਪ੍ਰਤਿ ਪਰਚੀ.

Uttifinn B. Sc. Indsen April 2022

ਪਰਿਚਾ Certificate Course
(Practical) Thermodynamics
ਅਧਿਕਤਾ (ਅੰਕ) 10

ਪਾਸ ਅੰਕ 04

Certificate
Rachael
Int. Ass.

ਰੋਲ ਨੰਬਰ	ਮੰਕ
231	Absent
232	6
233	6
234	Absent
235	6
236	7
237	7
238	8
239	9

ਪਾਸ 07 ਫੇਲ੍ਹ -

ਪਰੀਖਿਤ ਦੇ ਪੂਰੇ ਹਸਤਾਖਰ

Certificate Course (Theory) Date: 15 May 2023
ATTENDANCE

S.No.	Roll No.	Name	Signature
1.	231	Rahul Kumar	
2.	232	Siya	Siya
3.	233	Manpreet Kaur	manpreet kaur
4.	234	Harsimran Singh	
5.	235	Dimpal Kumari	Dimpal kumari
6.	236	Simran	Simran
7.	237	Ankita	Ankita
8.	238	Taranvir Kaur	<u>Tarun</u>
9.	239	Kirandeep Kaur	Kirandeep Kaur

BSc-1st year (Certificate course in Thermal Chemistry)

ਸਟੀਕਿਉ ਡਾ. ਸਿ. ਵਿ. ਨੰ. 52

ਗਾਜਰੀ ਰਜਿਸਟਰ - September 2022 - ਕਾਲਜ

ਰੋਲ ਨੰ.	ਨਾਂ	21/9/2022 1	22/9/2022 2	23/9/2022 3	27/9/2022 4	30/9/2022 5	6	7	8	9	10	11	12	13	14	15	16	17
	Siya	P	P	P	P	P												
	Manpreet	P	P	P	P	P												
	Ankita	P	.	P	.	P												
	Simran	P	.	.	.	P												
	Dimple	P	P	P	P	P												
801	Harsimran	P	.	P	.	P												
	Rahul	.	.	.	.	.												

~~Signature~~
27/9/22

ਹਾਜ਼ਰੀ ਰਜਿਸਟਰ

October 2022

-वालन

क्र.सं.	नाम	4/10/2021	6/10/2021	7/10/2021	8/10/2021	10/10/2021	10/10/2021	15/10/2021	17/10/2021	18/10/2021	19/10/2021	21/10/2021	26/10/2021	27/10/2021	28/10/2021	31/10/2021	16	17
810	Siya	P	.	P	P	P	.	P	.	P	P	P	P	P	P	P	.	.
805	Manpreet	P	P	P	.	P	.	P	.	P	P	P	P	P	P	P	.	.
	Ankita	P	P	.	.	P	.	.	.	.	.	P	.	P	P	P	.	.
	Simran	P	P	.	.	P	.	.	.	.	.	P	.	P	P	P	.	.
	Dinpal	P	P	P	.	P	P	P	P	P	P	P	.	P	.	P	.	.
801	Harshman	P	P	P	P	P	.	P	P	P	.	P	.	.	.	.	.	.
	Rahul	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

~~Principal~~

Harshman

Harshman

Principal
SMHS Govt. College
Sahabada, Am. Nagar, Amritsar

Add on course in
Pharmaceutical chemistry
Certificate course
(Theory)

Certificate course
(theory)

ਹਾਜ਼ਰੀ ਰਜਿਸਟਰ-

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		11/11/2022	10/11/2022	11/11/2022	14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022	19/11/2022	21/11/2022	22/11/2022	23/11/2022	24/11/2022	25/11/2022			
Siya	P	P	P	P	P	P	P	P	P	P	P	.	.	P	P			
Mahpreet	P	P	P	P	.	P	P	P	P	P	P	.	.	P	P			
Ankita	P	P	P	.	.	.	.	P	.	.	.	.	P	P	.			
Simran	P	P	P	.	.	.	.	P	.	.	.	P	P	P	.			
Dimpal	P	P	P	P	P	.	.	P	.	P	P	P	P	P	.			
Harsimran	P	.	P	P	P	.	.	P	.	.	.	.	.	.	.			
Rahul	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
Taran	.	.	.	.	.	P	P	P	P	P	.	.	.	P	P			
Kirandeep	.	.	.	.	.	.	.	.	P	.	P	P	P	P	P			

BSc-Ist year

ਸਟੀਰਿਉ ਡਾ ਸਿ. ਵਿ. ਨੰ: 52

ਗਜਰੀ ਰਜਿਸਟਰ

December 2022

ਕਾਲਜ

ਸੇਲ ਨੰ:	ਸ	4/12/2022	5/12/2022	6/12/2022	7/12/2022	8/12/2022	9/12/2022	10/12/2022	12/12/2022	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022	19/12/2022	23/12/2022
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Siya	P	.	P	P	P	P	P	P	P	P	.	P	P	.	.
	Manpreet	P	.	P	P	.	P	.	P	P	.	.	P	P	.	.
	Ankita	.	.	P	P	.	.	.	.	.	.	.	.	.	.	.
	Simran	.	.	P	P	.	.	.	P	.	.	.	.	.	.	.
	Dimpal	P	P	.	.	P	P	.	.	P	P	.	.	P	.	.
	Hassimran	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Rahul	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Taran	P	.	P	P	P	P	.	P	P	P	.	P	P	.	.
	Kirandeep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Principal

Principal
SMHPSSCV, Govt. College
Jhazada Ajit Singh Nagar.

BSc. 1st year

ਸਟੀਗਰਊ ਡਾ. ਸਿ. 14. 01. 2023

ਗਜ਼ਟੀ ਰਜਿਸਟਰ February 2023

ਕਾਲਜ

ਕ੍ਰਮ ਨੰ.	ਨਾਂ	13/2/2022	14/2/2022	15/2/2023	16/2/2023	17/2/2023	20/2/2023	23/2/2022	24/2/2022	27/2/2023	28/2/2023	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	Kirandeep	P	P	P	P	P	P	P	P	P	P																				
	Dimpal	P	P	P	P	P	P	P																							
	Siya			P					P	P	P																				
	Manpreet			P	P		P																								
	Ankita																														
	Simran																														
	Haarshika																														
	Rahul																														
	Taran			P	P		P		P																						

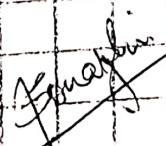
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BSc 1st year (Certificate course)

March 2023

ਕਾਲਜ

ਰਕਮ ਨੰ.	1	2	3	4	5	6	7	8
	6/3/2023	7/3/2023	13/3/2023	14/3/2023	15/3/2023	21/3/2023	22/3/2023	24/3/2023
Kirandeep	.	P	P	P	P	P	P	P
Dimpal	.	P	P	.	.	.	P	P
Liya	P	P	.	.	P	.	.	P
Mandeet	P	.	.	.	.	.	.	P
Shukita	.	P	P	P	.	P	P	P
Simran	.	.	P	P	.	P	P	P
Harsimran	.	.	.	.	.	.	.	.
Rahul	.	.	.	.	.	.	.	.
Taran	P	P	.	.	.	.	P	P


 Harpreet Singh

ਮਾਨਯੋਗ,
 ਮੁੱਖ ਮਾਮਲਾ ਅਫਸਰ, ਮੁੱਖ ਮਾਮਲਾ ਭਾਗ,
 ਮਹਾਂਨਗਰੀ ਮਾਮਲਾ ਅਫਸਰ, ਮੁੱਖ ਮਾਮਲਾ ਭਾਗ।

ਸਟੀਰਿਉ ਡਾ. ਸਿ. ੧੬. ੦. ੦. ੦.

ਹਾਜ਼ਰੀ ਰਜਿਸਟਰ

~~Sonally~~