

Handwritten notes in the top left corner, including "ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ" and other illegible text.

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

ਨੰ. 1316 / ਕਾਲਜ ਸ-3

ਮਿਤੀ 22/11/2009

ਪ੍ਰਿੰਸੀਪਲ,

ਸ਼੍ਰੀਮਤੀ ਕਮਲਾ

ਗੋਲਡਨ

ਵਿਸ਼ਾ:- ਗੋਲਡਨ ਕੋਲ ਫਾਰਮਾਇੰਗ ਪੀਐਚ ਡੀ. ਆਰ. ਡੀ.

ਸ਼੍ਰੀਮਤੀ ਜੀ.

ਆਪ ਜੀ ਦੇ ਦਫਤਰ ਦੇ ਪੱਤਰ ਨੰ. 4822 ਮਿਤੀ 6-5-2009 ਦੇ ਜਵਾਬ ਵਿਚ ਦੱਸਿਆ
ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਵਾਈਸ-ਚਾਂਸਲਰ ਸਾਹਿਬ ਨੇ ਆਪ ਜੀ ਦੇ ਕਾਲਜ ਵਿਖੇ ਸੈਸ਼ਨ 2009-10 ਤੋਂ ਕੈਰੋ ਅਰ
ਉਰੀਐਂਟਡ ਸਕੀਮ ਅਧੀਨ ਫਾਰਮਾਇੰਗ ਪੀਐਚ ਡੀ. ਆਰ. ਡੀ. ਦਾ ਵਿਸ਼ਾ
ਸ਼ੁਰੂ ਕਰਨ ਦੀ ਪ੍ਰਵਾਨਗੀ ਅਕਾਦਮਿਕ ਕੌਂਸਲ ਦੀ ਪ੍ਰਵਾਨਗੀ ਦੀ ਆਸ ਵਿਚ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ। ਇਥੇ ਇਹ
ਨੋਟ ਕਰਨਾ ਹੈ ਕਿ ਕਾਲਜ ਯੂ.ਜੀ.ਸੀ. ਅਤੇ ਯੂਨੀਵਰਸਿਟੀ ਦੀਆਂ ਸ਼ਰਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨ ਦਾ ਪਾਬੰਦ ਹੋਵੇਗਾ।

ਵਿਸ਼ਵਾਸਯੋਗਤਾ

ਸਹਾਇਕ ਰਾਜਿਸਟਰਾਰ ਕਾਲਜ

Harjeet Gargal
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 2019.

Thanking you

Yours sincerely

Harjeet Goyal

Principal
SMHS Govt. College
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 2019-20. 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 2019. Classes will commence from 1st september 2019 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.

Principal

Harjeet Anjial

S.M.H.S Government College, Mohali

Principal
SMHS Govt. College
Sanibzada Ajit Singh Nagar

LESSON PLAN FOR B.Sc. 2nd year (Diploma course)

MONTH	TOPICS COVERED
6 th sep-10 th sep	1.Photochemistry Introduction, consequences of light absorption.
12 th - 17 th sep	The Jablonski diagram, Lambert beer law,
19 th -24 th sep	Grothus draper law, Photochemical reactions
26 th -30 th sep	2.Biochemistry Transport processes across cell membrane.
1 st oct-8 th oct	enzymes: nomenclature, enzyme kinetics & mech. Of action.
10 th -15 th oct	Mech. Of inhibition, Isozymes, Co-enzymes
17 th -22 nd Oct	3.Name reactions Aldol condensation, Claisen Schmidt condensation.
24 th -31 st oct	Grignard reaction, wurtz reaction, wurtz-fittig reaction, Diazotization reaction, Cannizzaro's reaction
1 st nov- 5 th nov	4.Antiulcer drugs- Classification of drugs and structure of omeprazole, pantoprazole, cimetidine
7 th -12 th nov	5.NSAIDS- Classification of drugs and structure of Aspirin, Ibuprofen.
14 th -19 th nov	Paracetamol, Nimesulide, Indomethacin, Diclofenac.
21 st -26 th nov	6.Antihistamines- Classification of drugs and structure of Diphenhydramine, Chlorphenhydramine
28 th -30 th nov	7.General and local Anaesthetic- Classification of drugs and structure of thiopentone and propofol, benzocaine
1 st dec-3 rd dec	8.Antiseptics and disinfectants- Classification and structure of povidone-iodine, benzalkonium chloride
5 th -10 th dec	9.Antihypertensive- Classification of drugs and structure of Propranolol, verapamil
12 th -17 th dec	10.Chemotherapeutic agents- Classification of antibiotics and structure of tetracycline, amoxicillin
19 th -24 th dec	11.AntiTB- Classification of drugs and structure of nicotinamide, ethionamide, isoniazid
26 th -31 st dec	12.Chromatography
2 nd jan-7 th jan	Thin Layer Chromatography- Introduction, Principle and Application
9 th -14 th jan	Column Chromatography- Introduction, Principle and Application
16 th -21 st jan	Column Chromatography- Introduction, Principle and Application
23 rd -31 st jan	13.Advanced analytical techniques
1 st feb-4 th feb	¹H NMR- General introduction, chemical shift, factors affecting chemical shift
6 th -11 th feb	X-Ray Crystallography- Principle
13 th -18 th feb	Bragg's law and application
20 th -28 th feb	IR spectroscopy- Principle
1 st mar-4 th mar	Characteristic absorption bands of some organic functional groups Carbonyl, C-C double bond, C-C triple bond, Phenyl ring
6 th -11 th mar	1.To carry out synthesis of Chalcone from Acetophenone and Benzaldehyde 2.Monitoring of Chalcone formation from TLC 3.To carry out synthesis of formation of epoxide of Chalcone

	4. Monitoring of epoxychalcone formation from Chalcone by TLC
13 th -18 th mar	5. To carry out acid catalization of epoxychalcone and monitoring of reaction by TLC
20 th -25 th mar	6. To carry out base catalization of epoxychalcone and monitoring of reaction by TLC 7. To determine the calcium content by complexometric titration using EDTA
27 th -31 st mar	8. Synthesis of Schiff's bases from Amine and Benzaldehyde
1 st apr-8 th apr	9. Column chromatography of Dye and spinach
10 th -15 th apr	10. Introduction to soxhlet apparatus (Demonstation) 11. Introduction to Clevenger apparatus (Demonstation)
17 th -22 nd apr	12. Various stereochemical (E & Z, Cis & Trans, R & S, Boat and Chair conformations of Cyclohexane)
24 th -29 th apr	13. General NMR spectrum problems

**SYLLABUS OF
DIPLOMA COURSE IN PHARMACEUTICAL CHEMISTRY**

For 2016-17, 2017-18 and 2018-19 session

Continued for session- 2019-20, 2020-21, 2021-22, 2022-23

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. **Photochemistry**
Introduction, consequences of light absorption, The Jablonski diagram, Lambert beer law, Grothus draper law, Photochemical reactions
2. **Biochemistry**
Transport processes across cell membrane, enzymes: nomenclature, enzyme kinetics & mech. Of action. Mech. Of inhibition, Isozymes. Co-enzymes
3. **Name reactions**
Aldol condensation, Claisen Schmidt condensation, Grignard reaction, wurtz reaction, wurtz-fittig reaction, Diazotization reaction, Cannizzaro's reaction
4. **Antiulcer drugs-** Classification of drugs and structure of omeprazole, pantoprazole, cimetidine
5. **NSAIDS-** Classification of drugs and structure of Aspirin, Ibuprofen, Paracetamol, Nimesulide, Indomethacin, Diclofenac.
6. **Antihistamines-** Classification of drugs and structure of Diphenhydramine, Chlorphenhydramine

SECTION-B

7. **General and local Anaesthetic-** Classification of drugs and structure of thiopentone and propofol, benzocaine

8. **Antiseptics and disinfectants**- Classification and structure of povidone-iodine, benzalkonium chloride
9. **Antihypertensive**- Classification of drugs and structure of Propranolol, verapamil
10. **Chemotherapeutic agents**- Classification of antibiotics and structure of tetracycline, amoxicillin
11. **AntiTB**- Classification of drugs and structure of nicotinamide, ethionamide, isoniazid
12. **Chromatography**
 - a. **Thin Layer Chromatography**- Introduction, Principle and Application
 - b. **Column Chromatography**- Introduction, Principle and Application
13. **Advanced analytical techniques**
 - a. **¹H NMR**- General introduction, chemical shift, factors affecting chemical shift
 - b. **X-Ray Crystallography**- Principle, Bragg's law and application
 - c. **IR spectroscopy**- Principle, Characteristic absorption bands of some organic functional groups Carbonyl, C-C double bond, C-C triple bond, Phenyl ring

LABORATORY

Practical Carries 30 marks +Internal assessment-10

1. To carry out synthesis of Chalcone from Acetophenone and Benzaldehyde
2. Monitoring of Chalcone formation from TLC
3. To carry out synthesis of formation of epoxide of Chalcone
4. Monitoring of epoxychalcone formation from Chalcone by TLC
5. To carry out acid catalization of epoxychalcone and monitoring of reaction by TLC
6. To carry out base catalization of epoxychalcone and monitoring of reaction by TLC
7. To determine the calcium content by complexometric titration using EDTA
8. Synthesis of Schiff's bases from Amine and Benzaldehyde
9. Column chromatography of Dye and spinach
10. Introduction to soxhlet apparatus (Demonstration)
11. Introduction to Clevenger apparatus (Demonstration)
12. Various stereochemical (E & Z, Cis & Trans, R & S, Boat and Chair conformations of Cyclohexane)
13. General NMR spectrum problems

Books Recommended

1. I.L. Finer, Organic Chemistry, Vol. I & II, The English Language Book Society, London and Longman Group Limited, London (Latest edition).
2. R.T. Morrison and R.N. Royd, Organic Chemistry, 6th Edition, Prentice Hall of India, Private Limited, New Delhi (Latest edition).
3. R. N. Acheson, An Introduction to the chemistry of Heterocyclic Compounds, Inter-Sciences Publishers, New York (Latest edition).
4. A. W. Martin, J. Swarbrick and A. cammarata, Physical Pharmacy, 4th Edition, Lea and Febiger, Philadelphia, 1993.
5. Remington: The Science and Practical of Pharmacy, Mack Publishing Co., USA. 2005.

6. M.J. Pelezar, Reid and Chan Microbiology, 4th Edition, Tata Mc Graw Hill Publishing Co., New Delhi.
7. S. J. Carter, Cooper and Gunn's Dispensing for Pharmaceutical Students, Pitman Medical Publishing Co., 12th Edition, Chapters 20 to 28.
8. A. L. Gennaro, Remington: The Science and Practice of Pharmacy, Lippincott Williams and Wilkins, USA, 2000, 108.
9. S.J. Carter Cooper and Gunn, Tutorial Pharmacy, 6th Edition, Pitman Medical, 1972.
10. W.B. hugo and A.D. Russel Pharmaceutical Microbiology, Blackwell Scientific Publications, Oxford, 1987.
11. McCabe and Smith, Unit Operations for Chemical Engineering, 6th Edition McGraw Hill N.Y.
12. G. Gunn and S.J. Carter and Gunn's Tutorial Pharmacy, Pitman Medical Publishing Co., London, 1972.
13. L.A. Lachman, H.A. Liberman and J.L. Kanig, The Theory and Practice of Industrial Pharmacy, 3rd Edition Lea and Febigar, Philadelphia, USA.
14. Badger Introduction to Chemical Engineering McGraw Hill Co., Interracial Student Edition (Latest Edition).
15. E.A. Rowlins, Bentley's Text book of Pharmaceutics, Bailliere Tindall and Cox, London (Latest Edition).
16. K. Sambamurthy, Pharmaceutical Engineering New Age Int. Publishers, New Delhi. 2003.
17. T.E. Wallis, Textbook of Pharmacognosy, J & A Churchill Ltd. London. 1967.
18. W.C. Evans, Trease and Evans Pharmacognosy (15th Ed.). W.B. Saunders Limited. 2002.
19. V.E. Tyler, L.R. Brady & J.E. Robbers, Pharmacognosy (9th Edition) K.M. Varghese Company Bombay, India 1988.
20. C.R. Craig and R.E. Stizal Modern Pharmacology, Little Brown and Company. 6th Edition (2003).
21. Goodman & Gilman's "The Pharmacological basis of Therapeutics", 9th edition, Eds. A.G. Gilman, J.G. Hardman, L.E. Limbird, P.B. Molinoff, R.W. Ruddon, Macmillan publishing Co., Inc (2001).
22. B.G. Katzung, Basic and Clinical Pharmacology, Lange Medical Publications, 8th Ed. (2000).

Harjeet Arjyal
Principal
S.M.S. Govt. College
Sahibzada Ajit Singh Nagar

GOVERNMENT COLLEGE SAHIBZADA AJIT SINGH NAGAR, MOHALI									
LIST OF STUDENTS WHO PAID FEES FOR EXAMINATION OF ADD-ON DIPLOMA COURSE (2019-2020)									
NO.	ROLL NO.	NAME	FATHER'S NAME	MOTHER'S NAME	CATEGORY	SEX	MEDIUM	COURSE	FEES
18-239	5540	Abhilasha Rathore	Kuldip Singh	Sonu	General	F	English	Diploma Course	600
18-959	5541	Jasmeen Kaur	Anoop Singh	Narinder Kaur		F	English	Diploma Course	600
18-279	5542	Jasmeet Kaur	Sukhvinder Singh	Jasvir Kaur	OBC	F	English	Diploma Course	600
18-280	5543	Kamalpreet Kaur	Bhupinder Singh	Rajinder kaur	OBC	F	English	Diploma Course	600
8-955	5544	Karamjot kaur Kang	Joga Singh kang	Kamaljit Kaur	General	F	English	Diploma Course	600
8-250	5545	Kiranpreet Kaur	Sukhwinder Singh	Kuldeep Kaur		F	English	Diploma Course	600
8-281	5546	Kiranpreet Kaur	Kanwaljit Singh	Mandeep Kaur		F	English	Diploma Course	600
8-832	5547	Manisha Shukla	Satpal	Banita	General	F	English	Diploma Course	600
8-254	5548	Manpreet Kaur	jaswinder Singh	Davinder kaur	General	F	English	Diploma Course	600
8-284	5549	Mehak	Satpal Singh	Krishna	General	F	English	Diploma Course	600
8-957	5550	Prabhjot Sarao	Manmohan Singh	Manpreet Kaur	SC	F	English	Diploma Course	600

Abhilasha Rathore
 Jasmeen Kaur
 Jasmeet Kaur
 Kamalpreet Kaur
 Karamjot Kaur
 Kiranpreet Kaur
 Kiranpreet Kaur
 Manisha Shukla
 Manpreet Kaur
 Mehak
 Prabhjot Sarao

H. Singh
 Principal,
 SMHPSSCV. Govt. College,
 Sahibzada Ajit Singh Nagar.

ਪ੍ਰਤਿ-ਪਰਚੀ
ਪਰੀਖਿਆ R.S. Ind. 13th / 2012
ਵਿਸ਼ਾ Diploma Course
ਪਰਚਾ Chemical Chemistry
(Theory) 40
ਅਧਿਕਤਮ ਅੰਕ
ਪਾਸ ਅੰਕ 14

[illegible]

प्राप्त ॥ दिनांक -

Harjeet Arjyal
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

ਪਰੀਖਿਅਕ ਦੇ ਪੂਰੇ ਹਸਤਾਖਰ

ਸੈਂਟਰ ਨੰਬਰ.....

ਪਰੀਖਿਅਕ ਦੁਆਰਾ ਛੇ ਮਹੀਨਿਆਂ ਲਈ
ਰੱਖਣ ਤੇ ਸੰਭਾਲਣ ਲਈ ਪ੍ਰਤਿ ਪਰਚੀ

ਪ੍ਰਤਿ-ਪਰਚੀ

ਪਰੀਖਿਆ 2014

विभाग Diploma Course

ਪਰਚਾ Pharmaceutical Chemistry
(Internal Assessment)

ਅਧਿਕਤਮ ਅੰਕ..... 20

ਪਾਸ ਅੰਕ 07.....

ਰੋਲ ਨੰਬਰ	ਮੰਕਾ
5540	15
5541	17
5542	17
5543	16
5544	18
5545	17
5546	18
5547	16
5548	17
5549	18
5550	17

ਪਾਸ !! ਫੇਲ੍ਹ —

ਪਰਿਵਿਅਕ ਦੇ ਪੂਰੇ ਹਸਤਾਖਰ

PLUP(O)-9095-25000-10-14

Harjeet Anjial
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

UP(O)-8703-5,000/2-07

ਪਰੰਪਰਿਕ ਦੁਆਰਾ ਛੇ ਮਹੀਨਿਆਂ ਲਈ
ਰੱਖਣ ਤੇ ਸੰਭਾਲਣ ਲਈ ਪ੍ਰਤਿ ਪਰਚੇ

ਪ੍ਰਿਤ-ਪਰਚੀ

प्राप्ति B.S. II, 2007. 2007
/ 2007

विषय Pharmaceutical Chemistry-1

पठना Diploma (Practical)

ਅਧਿਕਾਰਤਮ ਅੰਕ 10

ਪਾਸ ਅੰਕ

ਰੋਲ ਨੰਬਰ	ਅੰਕ
55 40	7
55 41	7
55 42	6
55 43	5
55 44	7
55 45	6
55 46	8
55 47	7
55 48	5
55 49	6
55 50	8

ਪਾਸ ਫੇਲ੍ਹ

ਪਰੀਖਿਅਕ ਦੇ ਪੂਰੇ ਹਸਤਾਖਰ

Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

GOVERNMENT COLLEGE SAHIBZADA AJIT SINGH NAGAR, MOHALI										
LIST OF STUDENTS WHO PAID FEES FOR EXAMINATION OF ADD-ON DIPLOMA COURSE (2019-2020)										
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Jasmeen
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Kamalpreet
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Kiranpdeep Kaur
Kiranpreet
Manisha
Manpreet
Mehak
Prabhjot

Harpreet Singh
Principal,
SMHPSSCV, Govt. College,
Sahibzada Ajit Singh Nagar.

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

Final Theory Examination

UGC Add on Course in Pharmaceutical Chemistry

Course: Diploma course in Pharmaceutical Chemistry

Subject: Pharmaceutical Chemistry

Session: 2019-2020

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 Jablonski diagram.
- Q. 2) What is chemical shift? What are the factors affecting chemical shift?
- Q. 3) Explain the different types of transport processes across a cell membrane.
- Q. 4) What are anti TB agents? Give any 2 examples of anti TB agents.
- Q. 5) Explain Lambert's Beer law.

Section A, B, C, D and E carries 2 long answer type questions of 5 marks each. Attempt only one of them.

SECTION B

- Q. 6) What are anti-ulcer drugs? Explain any two anti-ulcer drugs in detail.

OR

- Q. 7) Explain general and local anaesthetic drugs and classify them by giving examples of each with structure.

SECTION C

- Q. 8) What are NSAIDS? Explain any two NSAIDS agents in detail.

OR

- Q. 9) Explain in detail:
 - a) Thin layer chromatography
 - b) Column chromatography

Harjeet Arora

Principal
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SECTION D

Q. 10) Explain X-Ray chromatography with principle and its applications. What is Bragg's law?

OR

Q. 11) Explain the following named reactions: a) Claisen-Schmidt condensation

b) Cannizzaro's reaction

c) Grignard's reaction

d) Wurtz-Fittig reaction

SECTION E

Q. 12) Explain anti hypertensive agents and anti histamines by giving one example of each agents in detail.

OR

Q. 13) Explain IR spectroscopy in detail.

Harjeet Gargal
Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

Diploma

ਗੁਜਰੀ ਰਜਿਸਟਰ - Certificate Course in Pharma ਵਾਲਜ਼ - C.C. Mehali

ਨੰ	ਨਾਂ	26	27	31	4	5	6	7	8	9	10	11	12	13	14	15
ਨੰ	ਨਾਂ	01	01	01												
815	Kiranpreet Kaur	P	P	P												
814	Kamalpreet K.	A	P	P												
811	Jasmeet K.	P	A	P												
818	Mehak	P	A	P												
601	Abhilasha Rathore	A	A	P												
602	Ankita	A	P	P												
614	Manpreet Kaur	A	A	P												
685	Manisha Shukla	P	P	P												
628	Kirandeep Kaur	P	P	P												
607	Jashanpreet Kaur	A	A	P												
618	Sukhjot Kaur	A	P	A												
3657	Jasmeen Kaur	A	A	A												
3652	Karamjit K. Kang	A	A	P												
3660	Simranjeet Kaur	A	A	A												
3663	Heena	A	A	A												
3655	Prabhjot Saroa	P	A	A												
856	Harmanpreet K.	A	P	P												
624	Kamalpreet Kaur	A	P	P												

Principal
Govt. College
Sahibzada Ajit Singh Nagar

Govt. College, Sahibzada Ajit Singh Nagar

Diploma

उत्तरी बल्लभर Certificate Course in Pharma बल्लभ C.C M.

क्र. सं.		26/07	27/07	31/07	4	5	09/08	10/08	24/08	9	10	11	12
815	Kiranpreet Kaur	P	P	P			P	P	P				
814	Kamalpreet K.	A	P	P			A	A	A				
811	Jasmeet K.	P	A	P			P	P	P				
818	Mehar	P	A	P			A	A	A				
601	Abhilesha Rathore	A	A	P			P	A	P				
602	Ankita	A	P	P			A	A	A				
614	Manpreet Kaur	A	A	P			P	A	A				
635	Manisha Shukla	P	P	P			A	P	A				
625	Kirandeep Kaur	P	P	P			A	A	P				
607	Jashanpreet Kaur	A	A	P			P	P	A				
618	Sukhjot Kaur	A	P	A			A	A	A				
3657	Jasmeen Kaur	A	A	A			P	A	P				
3652	Karamjeet K. Kang	A	A	P			A	P	A				
3660	Simranjeet Kaur	A	A	A			P	A	A				
3663	Heena	A	A	A			P	P	P				
3655	Prabhjit Saxena	A	A	A			A	A	A				
856	Harmanpreet K.	P	A	A			P	P	P				
624	Kamalpreet Kaur	A	P	P			P	P	P				

Principal
G. C. M. College
Bhimnagar

(DIPLOMA COURSE)

ਸਟਾਟਿਸਟਿਕਸ ਡਾ. ਸਿ. ਵਿ. ਨੰ. 52

BSc Indyear

[Add-on course in
Pharmaceutical Chemistry]

ਰਾਜਸਰੀ ਰਜਿਸਟਰ

February, 2020

ਕਾਲਜ

Theory

ਰੋਲ ਨੰ.	ਸ਼	1 11/2/2020	2 12/2/2020	3 13/2/2020	4 14/2/2020	5 15/2/2020	6 17/2/2020	7 18/2/2020	8 19/2/2020	9 20/2/2020	10 22/2/2020	11 24/2/2020	12 25/2/2020	13 26/2/2020	14 27/2/2020	15 29/2/2020	16	17
653		.	.	.	.	.	P	.	.	.	.	P	.	.	P	P		
654		P	P	P	.	P	.	.	P	.	.	.	P	P	P	P		
659		.	.	P	P	.	P	.	P	.	.	.	P	P	P	.		
669		P	P	P	.	P	.	P	.	P	P	P	.	P	P	P		
673		P	P	P	P	.	P	.	P	P	P	.	P	.	P	P		
857		P	P	P	P	P	P	P	P	P	P	.	P	.	P	P		
858		P	P	P	.	.	.	P	.	P	.	P	.	P	.	.		
860		P	P	P	P	P	P	.	P	P	.	P	.	P	P	P		
862		P	P	P	.	.	P	.	P	P	P	.	P	.	.	P		
3701																		
3703		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
3704		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
3706		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		

Signature

Harjeet Singh

Principal
SMHS Govt. College
Sahibzada Ajit Singh Nagar

{ Add on course in
Pharmaceutical Chemistry }

क्र.सं.	2/3/2020	3/3/2020	5/3/2020	6/3/2020	9/3/2020	11/3/2020	14/3/2020	17/3/2020	19/3/2020	20/3/2020	1	12	13	14	15	16	17
653	P	A	P	P	P	A	A	P	P	A							
654	P	P	P	A	A	P	A	A	P	P							
659	A	A	A	P	P	P	P	A	A	P							
664	P	P	P	P	P	A	A	P	A	P							
673	P	A	A	P	A	P	P	P	A	A							
857	P	P	P	P	P	A	P	P	P	P							
858	A	P	A	P	P	A	A	P	A	P							
860	P	A	P	P	A	P	A	A	P	A							
862	A	P	P	P	P	P	A	P	P	A							
3702	A	A	A	A	P	A	A	A	A	A							
3704	A	A	A	A	P	A	A	A	A	A							
3766	A	A	A	A	P	A	A	A	A	A							

10/11/2020

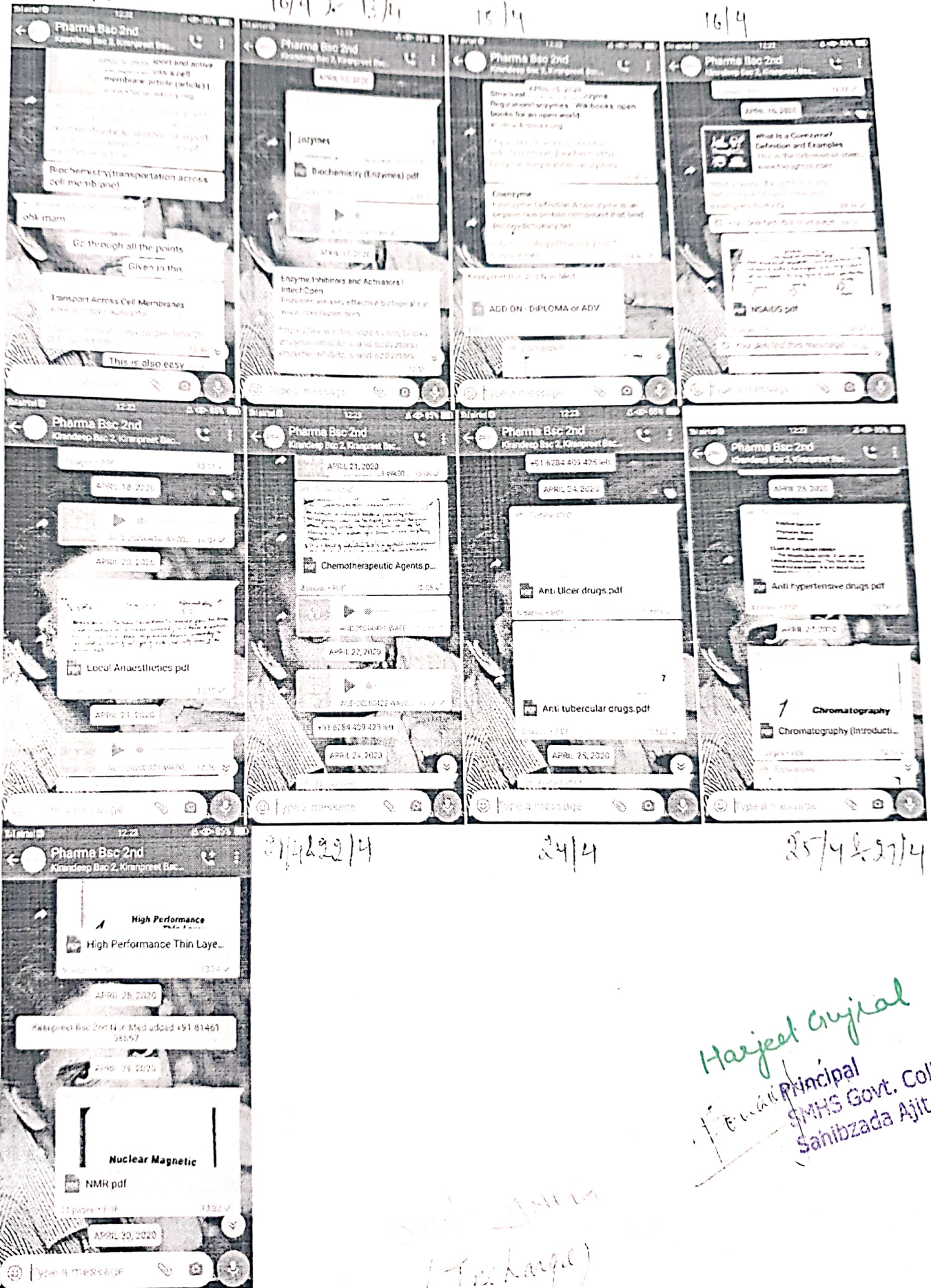
Principal
Smt. S. Govt. College
Sambhalda Dist. Singur, West Bengal

2/4

16/4 & 13/4

15/4

16/4



18/4

20/4

21/4 & 22/4

24/4

25/4 & 27/4

Harjeet Gajal
Principal
SMHS Govt. College
Sahibzada Ajit Singh

28/4 & 29/4

(Incharge)

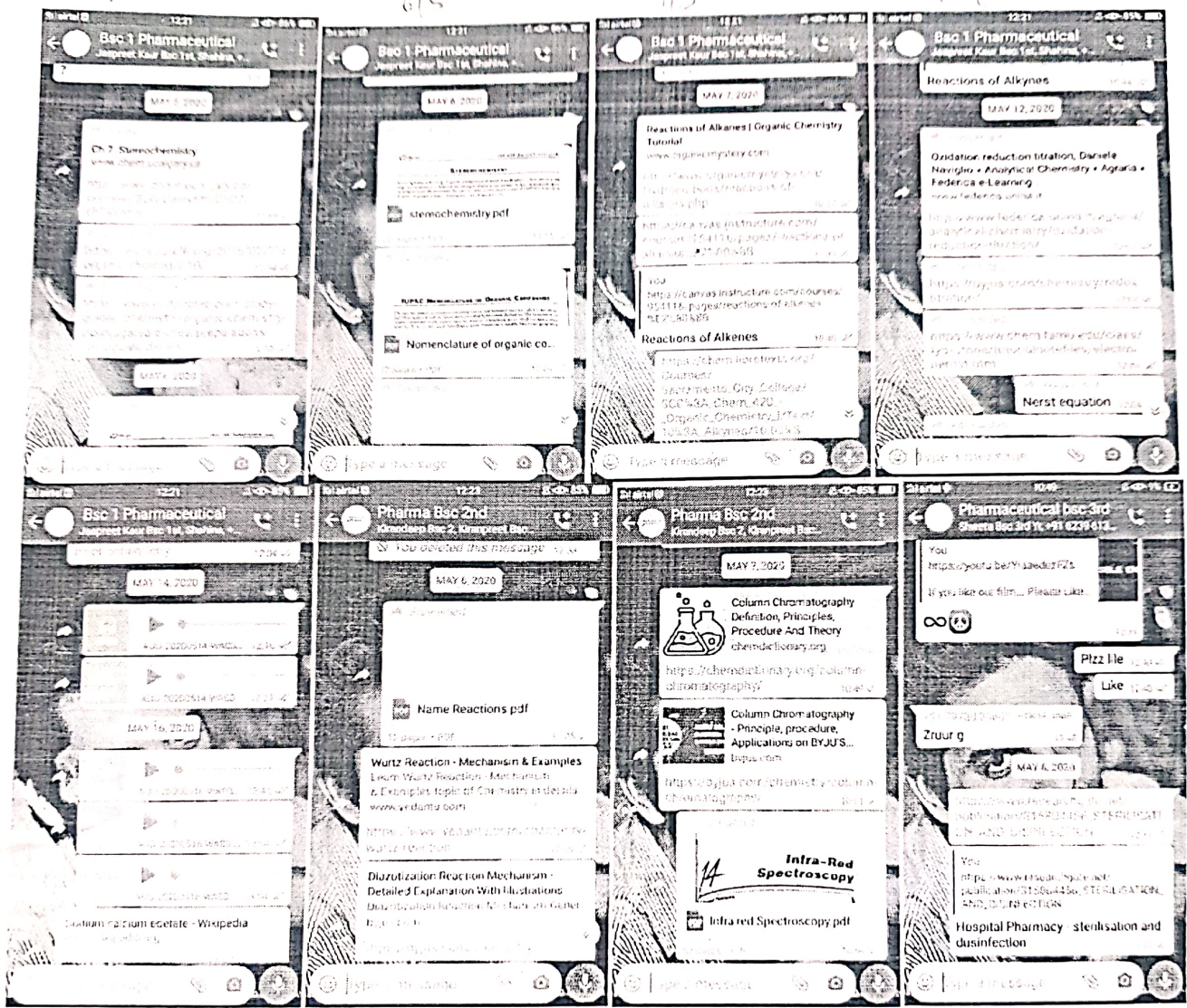
May 2020

6/5

6/5

1/5

12/5



14/5 & 16/5

6/5

1/5

6/5

(In exchange)

Harjeet Arjial
Principal
SMHS Govt. College
Sahibzada Aji Bhai Nagar