

AISSMS COLLEGE OF PHARMACY  
KENNEDY ROAD PUNE-01

Employer CURRICULUM FEEDBACK

Date: 24-May-2023

Name: Pooja Takudage

Course: B.Pharm/M.Pharm

Academic year: 2014 - B.Pharm  
(2022-23) passout


Name of Subject:

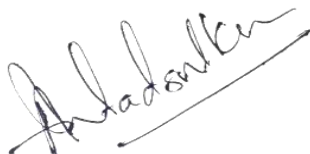
Class: FY/SY/TY/Fn.Y

Tick whichever is applicable:

S.N	Parameter	Excellent	Very Good	Good	Average
1	Content and Coverage	✓			
2	Adequacy of the subjects	✓			
3	Practical content in the curriculum	✓			
4	New Technical knowledge/skill		✓		
5	Independent thinking & problem solving Ability	✓			
6	Semester system	✓			
7	Credit pattern system		✓		
8	Usefulness of tests and assignments	✓			

Any other comments regarding the curriculum

Students should be aware about the different fields in the pharma industry. One such booming field is medical communications (Medical writing). We can have introductory lectures for students to create awareness about this field. Sign 



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COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
Accredited by NAAC with A Grade

**Event:** Coffee and Conversation with our alumni Mrs. Pooja J. Takudage

**Day and Date:** Friday, 20<sup>th</sup> October,2023

**Time:**3:00 to 4:00 pm

**Organized for:** Third year B.Pharm and M.Pharm students.

**Coordinator Name:**

Dr. S.V. BHANDARI (APGA ADVISOR)

Dr. RESHMA MIRAJKAR(APGA MEMBER)

Dr. RAHUL PADALKAR(APGA MEMBER)

Mrs. AMRUTA AVALASKAR(APGA MEMBER)

Dr. ASHWINI R. MADGULKAR (PRINCIPAL)

**Description of Activity:**

The session started with a warm welcome of our guest Mrs. Pooja J. Takudage and the audience by Dr. S.V. Bhandari followed by a brief introduction of the guest who is an Assistant Manager at the Medical Content Services India. The students were enlightened with an illuminating and edifying talk by our alumni on the topic Medical Writing. She gave a detailed elucidation of types and scope of Medical Writing. Moreover, emphasized on 'being the best at whatever you choose' and to explore more opportunities. The session proceeded with a short Q n A segment and an exhilarating rapid fire round. The guest was presented with a souvenir on the behalf of APGA which included a cap embroidered with



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a logo of APGA, a certificate and a gift box by Dr. Reshma Mirajkar. The time came to an end with a vote of thanks.


**Highlight of the Event:**

- Felicitation of the alumni
- Alumni's pep talk
- Rapid fire round

**Outcomes:**

This pleasing and informative session made students to think out of the box and opened doors to ~


- Scope of Medical Writing
- Career as Research Associate
- Scope as Medical Business Associate

  
Dr. Shashikant Bhandari

Advisor APGA

  
Dr. Reshma Mirajkar


APGA Member

  
Dr. Rahul Padalkar

APGA Member

  
Mrs. Amruta Avalaskar

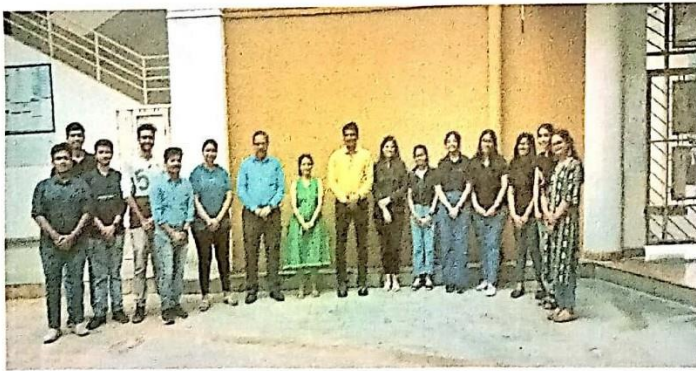
APGA Member

  
Dr. Ashwini Madgulkar

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# Photographs



*Abhaskar*

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KENNEDY ROAD PUNE-01**

**CURRICULUM FEEDBACK**

Date: 29-Apr-2022

Name: Devendra K. Jain

Course: M.Pharm

Academic year: 2007

Class: FY/SY/TY/Fn.Y  
P'centic's (Employ)

Designation: Sr. Manager TSMMS (Research)

(Eli Lilly, Mumbai)

S.N	Parameter	Excellent	Very Good	Good	Average
1	Content and Coverage		✓		
2	Adequacy of the subjects		✓		
4	Practical content in the curriculum			✓	
5	New Technical knowledge/skill			✓	
6	Independent thinking & problem solving Ability			✓	
7	Semester system	✓			
8	Credit pattern system		✓		
9	Usefulness of tests and assignments			✓	
10	Availability of text books/study materials	✓			
11	Value added education (Education Tour, Industrial Visit, Field trip)		✓		

Any other comments regarding the curriculum

.....Theoretical knowledge during academic is good platform for future practical implementation. However I suggest to include more of practical syllabus / training / visit so that student get practical understanding & apply during these college learning.

*(Signature)*

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Regards  
*(Signature)*



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### REPORT ON INDUSTRIAL VISIT BY FACULTY AISSMS COLLEGE OF PHARMACY PUNE-01

**Activity Name:** - INDUSTRIAL VISIT

**Day and Date:** - Wednesday 12<sup>th</sup> & 13<sup>th</sup> January 2022

**Organized for:** - M-Pharm Student

**Details of Industrial Visit/Contact Details):** -Synergen Bio Pvt. Ltd. Research institute Sai chambers,101-104, Old Mumbai –Pune Hwy, Opp. Bajaj Showroom, Wakadewadi, Shivaji Nagar Pune, Maharashtra 411003

**Coordinator Names:** T & P Cell AISSMS College of Pharmacy Pune-01

**Description of Activity (Detail, Attendance, etc):**

AISSMS College has organized an Industrial visit of two days for M-Pharm students of Semester IV at Sai chambers, 101-104, Old Mumbai –Pune Hwy, Opp. Bajaj Showroom, Wakadewadi, Shivaji Nagar Pune, Maharashtra 411003 on 12<sup>th</sup> & 13<sup>th</sup> Jan.2022 (Thursday & Friday) accompanied by 4 staff members viz., Mr.Jitendra Gajbe, Mr. Omkar Devade, Dr.Santosh Gandhi &, Dr. Monica RP Rao, The purpose of the visit was getting exposing the student to industrial clinical study concerns i.e., Clinical Guideline, bioequivalence study, Quality control, pharmacy department and medical coding. The key insights of the visit were different departments of clinical testing, documentation, diagnostics, sample withdrawing, dosing, inpatient data and record keeping. Facility systems utilized there like Centrifugation, Deep freezer, LCMS, HPLC, etc.They guided the entire visit physically at the different departments and in-depth information had given on various studies, sophisticated instruments/equipment, Operation method and technology. The Entire program has been Co-ordinated by TP Cell under the Guidance of Principal Dr.Ashwini. Madgulkar.

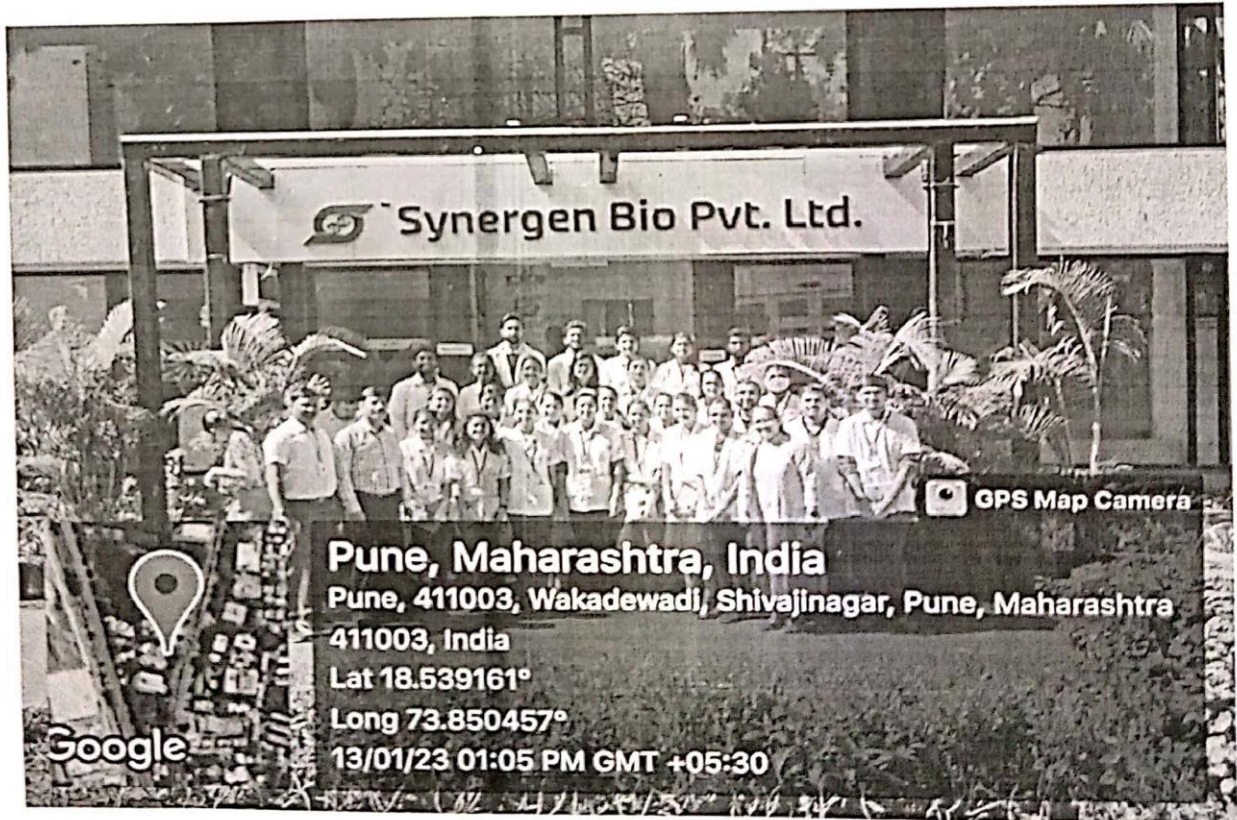
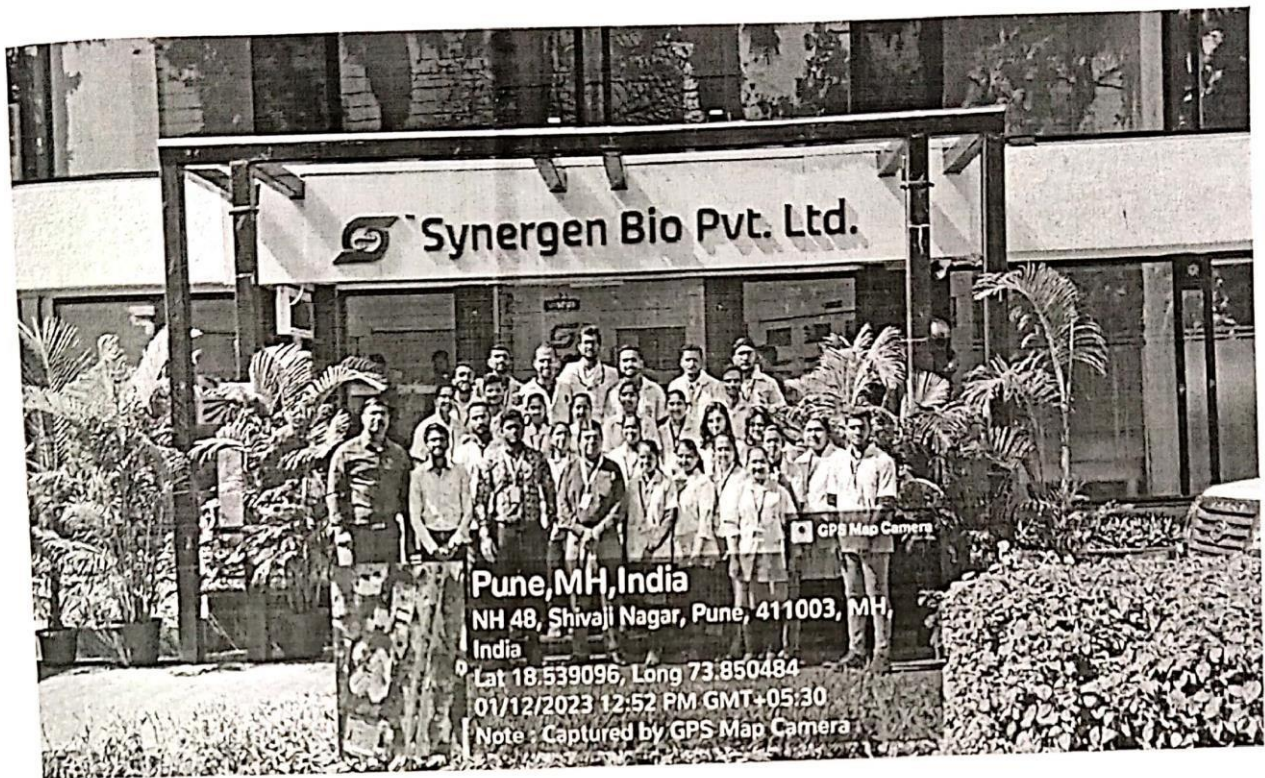
**Glimpses of Industrial Visit at Synergen Bio Pvt.Ltd**



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*Ar. Adarsh*

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*Monica*

Dr. Monica RP Rao

In Charge- T & P Cell

*Santosh*

Dr. Santosh Gandhi

*Jitendra*

Mr. Jitendra Gajbe

*Omkar*

Mr. Omkar Devade

Members- T & P Cell

*Ashwini*

Dr. Ashwini R Madgulkar

Principal





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**CURRICULUM FEEDBACK**

Name Riddhosh Kharche

Date: 19/4/2020

Name of the company/Institute.....

Designation..... D. Pharm 7 year

Contact details.....

Address: -

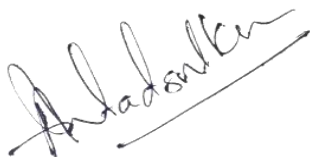
(Mobile):-

S.N	Parameter	Excellent	Very Good	Good	Average
1	Content and Coverage			✓	
2	Adequacy of the core courses			✓	
3	Ordering of the course			✓	
4	Practical content in the curriculum			✓	
5	Inclination with New Technical knowledge/skill				✓
6	Independent thinking & problem solving Ability			✓	
7	Semister system				,
8	Credit pattern system				
9	Value added education (Education Tour, Industrial Visit, Field trip)			✓	

Your valuable suggestion to add any additional information which you may want to share with us for the improvement of both the learning of the students and the curriculum

PCI syllabus normal Excellent

  
Sign



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**Subject: Revision of Course Objectives of BP701T and BP 811 ET at Final Year B Pharm syllabus wef 2021-22**

From: Mrinalini Damle <mrunal.damle@rediffmail.com> on Mon, 29 Mar 2021 20:45:18

To: "sohan chitlange" <sohanchitlange@rediffmail.com>

Cc: "damle\_mc@aissmscop.com" <damle\_mc@aissmscop.com>

2 attachment(s) - MCD-BP701T.docx (19.12KB) , MCD-BP\_811\_ET.docx (17.35KB)

Dr. Chitlange Sir,

I have revised the Course Objectives in the word files of syllabus BP701T and BP811ET, using action verbs as per Revised Bloom's Taxonomy.

These are attached herewith for your perusal.

Regards,

Dr. Mrinalini Damle  
AISSMS College of Pharmacy.

From: "sohan chitlange" <sohanchitlange@rediffmail.com>  
Sent: Sat, 27 Mar 2021 14:45:40  
To: "sawantri" <sawantri@yahoo.com>, "vchatpalliwar" <vchatpalliwar@yahoo.co.in>, "mrunal.damle" <mrunal.damle@rediffmail.com>, "S Jadhav" <sbjadhav\_pharma@yahoo.co.in>  
Cc: "Mrs Asha" <asha.thomas@dypvp.edu.in>  
Subject: Fw: Fwd: Revision of Final Year B Pharm syllabus

Dear All  
Please go through the attached corrected copies of syllabus.  
Please correct/ design the objectives as required from NBA/ Naac point of view and check the content and do the needful.

Thanks & Regards  
Dr.Sohan Chitlange  
(M) 09922904305

"A diamond is just a piece of coal, which did well under pressure!!! "

Sent from RediffmailNG on Android

From: Principal Pharmacy <principal.pharmacy@dypvp.edu.in>  
Sent: Sat, 27 Mar 2021 14:39:57 GMT+0530  
To: sohanchitlange@rediffmail.com  
Subject: Fwd: Revision of Final Year B Pharm syllabus

----- Forwarded message -----  
From: Mrs. Asha Thomas Pharmacy <asha.thomas@dypvp.edu.in>  
Date: Sat, 27 Mar 2021, 2:30 pm  
Subject: Revision of Final Year B Pharm syllabus  
To: Principal Pharmacy <principal.pharmacy@dypvp.edu.in>

Respected Sir,  
PFA the revised syllabus modified as per the inputs of the BOS meeting.  
We can forward to Dr Ramesh Sawant, Jadhav madam, Dr Chatpalliwar and Damale madam for their inputs.  
Then we can take inputs of other members if required.



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I have removed Nepheloturbidimetry( applications are limited)

**UNIT –III**

**10 Hours**

**Introduction to chromatography**

**Adsorption and partition column chromatography-Methodology, advantages, disadvantages and applications.**

**Paper chromatography-Introduction, methodology, development techniques, advantages, disadvantages and applications**

**Thin layer chromatography- Introduction, Principle, Methodology, Rf values, advantages, disadvantages and applications.**

**HPTLC: Introduction, Instrumentation and applications**

I have put electrophoresis in elective

**UNIT –IV**

**08 Hours**

**Gas chromatography - Introduction, theory, instrumentation, temperature programming, advantages, disadvantages and applications**

**High performance liquid chromatography (HPLC)-Introduction, theory, instrumentation, advantages and applications.**

**UNIT –V**

**07 Hours**

**Ion exchange chromatography- Introduction, classification, ion exchange resins, properties, mechanism of ion exchange process, factors affecting ion exchange, methodology and applications**

**Gel chromatography- Introduction, theory, instrumentation and applications**

I have removed Affinity chromatography

**BP705P. INSTRUMENTAL METHODS OF ANALYSIS (Practical)**

**4 Hours/Week**

**Objectives: Upon completion of this course, students will be able to acquire the skills**

- a) to operate UV-Visible spectrophotometer, Fluorimeter, Flame photometer
- b) to refer pharmacopoeia with respect to analytical applications
- c) to develop paper chromatography/TLC methods for resolution of components in the given sample



*Handwritten signature of the Principal*

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- 1 Determination of absorption maxima and effect of solvent on absorption maxima of organic compounds
- 2 Assay of Drug product as per IP (Assay of paracetamol Tablets by UV- Spectrophotometry)
3. Assay of Drug product by Calibration curve method
- 3 Simultaneous estimation of multicomponent formulation by UV spectroscopy(SE/Q analysis)
- 5 Estimation of quinine sulfate by fluorimetry
- 7 Study of quenching of fluorescence
- 8 Determination of sodium by flame photometry
- 9 Determination of potassium by flame photometry
- 10 Separation of amino acids by paper chromatography
- 12 Separation of sugars by thin layer chromatography
- 13 Separation of plant pigments by column chromatography
- 14 Demonstration experiment on HPLC
- 15 Identification of organic compounds by IR spectroscopy ( any two compounds)

#### Recommended Books (Latest Editions)

1. Instrumental Methods of Chemical Analysis by B.K Sharma
  2. Organic spectroscopy by Y.R Sharma
  3. Text book of Pharmaceutical Analysis by Kenneth A. Connors
  4. Vogel's Text book of Quantitative Chemical Analysis by A.I. Vogel
  5. Practical Pharmaceutical Chemistry by A.H. Beckett and J.B. Stenlake
  6. Organic Chemistry by I. L. Finar
  7. Organic spectroscopy by William Kemp
  8. Quantitative Analysis of Drugs by D. C. Garrett
  9. Quantitative Analysis of Drugs in Pharmaceutical Formulations by P. D. Sethi
  10. Spectrophotometric identification of Organic Compounds by Silverstein
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	<b>BP 811 ET. ADVANCED INSTRUMENTATION TECHNIQUES</b> 45 Hours
<b>Scope:</b>	This subject deals with the application of instrumental methods in qualitative and quantitative analysis of drugs. This subject is designed to impart advanced knowledge on the principles and instrumentation of spectroscopic and chromatographic hyphenated techniques. This also emphasizes on theoretical and practical knowledge on modern analytical instruments that are used for drug testing.
<b>Objectives:</b>	Upon completion of the course the student shall be able to <ul style="list-style-type: none"> <li>• Express the principle of the advanced instruments used and justify its applications in drug analysis</li> <li>• Understand the chromatographic separation and analysis of drugs. (may be deleted since no chromatography in BP 801ET)</li> <li>• Explain the importance and method for the calibration of various analytical instruments</li> <li>• Formulate and justify techniques for the analysis of drugs using various analytical instruments.</li> </ul> Kindly revise as required
<b>Course Content:-</b>	
<b>UNIT-I 14 Hours</b>	
<b>Nuclear Magnetic Resonance spectroscopy-</b> Principles of <sup>1</sup> H-NMR, chemical shift, factors affecting chemical shift, coupling constant, Spin - spin coupling, relaxation, instrumentation and applications <sup>13</sup> C-NMR- Introduction to <sup>13</sup> C-NMR spectroscopy	
<b>Mass Spectrometry-</b> Principles, , Ionization techniques – Electron impact, chemical ionization, MALDI, FAB, Analyzers-Time of flight and Quadrupole, instrumentation, Fragmentation, applications	
<b>UNIT-II 07 Hours</b>	
<b>Thermal Methods of Analysis-</b> Principles, instrumentation and applications of Thermogravimetric Analysis (TGA), Differential Thermal Analysis (DTA), Differential Scanning Calorimetry (DSC)	
<b>UNIT-III 10 hrs</b>	
<b>Electrophoresis-</b> Introduction, factors affecting electrophoretic mobility, Techniques of paper, gel, capillary electrophoresis, applications	
<b>X-Ray Diffraction Methods-</b> Origin of X-rays; basic aspects of crystals, Xray Crystallography, rotating crystal technique, single crystal diffraction, powder diffraction, and applications.	
<b>Calibration of following Instruments-</b> Electronic balance, UV-Visible spectrophotometer, IR spectrophotometer, Fluorimeter, HPLC	
<b>UNIT-IV 06 hrs</b>	
<b>Radioimmuno assay:</b> Importance, various components, Principle, different methods, Limitation and Applications of Radioimmuno assay	



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**Extraction techniques-**

General principle and procedure involved in the solidphase extraction and liquid-liquid extraction

**UNIT- V**

**08 Hours**

**Hyphenated techniques-**

Introduction to hyphenated techniques and types of techniques  
Details of LC-MS, GC-MS, HPTLC-MS, MS/MS.

**Recommended Books (Latest Editions)-Revise as required**

1. Instrumental Methods of Chemical Analysis by B.K Sharma
2. Organic spectroscopy by Y.R Sharma
3. Text book of Pharmaceutical Analysis by Kenneth A. Connors
4. Vogel's Text book of Quantitative Chemical Analysis by A.I. Vogel
5. Practical Pharmaceutical Chemistry by A.H. Beckett and J.B. Stenlake
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9. Quantitative Analysis of Drugs in Pharmaceutical Formulations by P. D. Sethi
10. Spectrophotometric identification of Organic Compounds by Silverstein180



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