

## 2.3- Teaching- Learning Process

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<b>Key Indicator:</b> 2.3- Teaching- Learning Process	
<b>2.3.1</b>	<b>Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences</b>
<b>File Description</b>	Any additional information



## 2.3- Teaching- Learning Process

2.3.1	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences	
Sr. No.	Details of Documents	Page No.
<b>A</b>	<b>LEARNING FACILITIES</b>	
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<b>B</b>	<b>EXPERIENTIAL LEARNING</b>	3-6
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<b>C</b>	<b>PARTICIPATIVE LEARNING</b>	18-19
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## 2.3- Teaching- Learning Process

### A. Learning facilities: Photos of learning facilities



**Classroom with LCD Projector Wi-Fi/LAN Facility**



**Conference Hall with LCD Projector Wi-Fi/LAN Facility**



**Pharmaceutics Lab**



**Pharmacognosy Lab**



**Machine Room**



**Biopharmaceutics Lab**

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Computer Lab



Computer Room With LCD Projector  
Wi-Fi/LAN Facility



Animal House Facility



Medicinal Garden



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### Sophisticated Instrument Facility



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## 2.3- Teaching- Learning Process

### Library Facility available in the Institutes



### Books Issue and Return Section

### Digital Library Section

### OPAC e-resources for data



### Stacking Area

### Reference Section

### Print, scan and Xerox facility



### Reading Room

### News Paper Reading facility

## **2.3- Teaching- Learning Process**

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**Index Sr. No.: 2**  
**(Laboratory Experiment)**



## 2.3- Teaching- Learning Process

### Laboratory Experiment


To evaluate student's perception, barriers and confidence, practical session routinely conducted in order to enhance their practical skill, students use to perform experimentation like manufacturing dosage form, Limit tests ,Qualitative and quantitative analysis of Drug from dosage forms ,Stability studies, study of drug properties, identification of drug incompatibility, isolation and extraction of drug from dosage forms, study of drug properties, identification of drug incompatibility, isolation and extraction.

**Government College of Pharmacy, Karad.**  
Pharmacology - IV Laboratory Journal

Name Rohan Megdum class Final yr harm. \_\_\_\_\_ Roll No. 435  
Examination Seat No. 4018 Year 201 - 201

**INDEX**

Serial No.	Title of the experiment	Date of Expt.	Page No.	Remarks & Initials
1.	To study laboratory instruments & apparatus.	23/7/19	1-2	<u>Prade</u>
2.	To study anti-inflammatory property of indomethacin against carrageenan induced acute paw edema in rat	30/7/19	13-16	<u>Prade</u>
3.	Demonstration of anti-helminthic activity of albendazole on Indian worm.	13/8/19	17-18	<u>Prade</u>
4.	Determination of acid phosphate activity in cecum	20/8/19	19-21	<u>Prade</u>
5.	Estimation of alkaline phosphate activity in given serum / plasma	27/8/19	22-24	<u>Prade</u>

  
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## 2.3- Teaching- Learning Process

**GOVERNMENT COLLEGE OF PHARMACY, KARAD**

**\* Vision and Mission \***

**Vision**  
To be recognized globally for academic excellence to cater to the needs of pharmacy profession and the society

**Mission**

- To impart high-quality technical education and training which can enable students to gain expertise in the field of pharmacy
- To provide state of the art infrastructure to meet the challenges of pharmacy profession
- To promote overall development of students by creating excellent learning environment
- To create a centre of excellence for research and development in the field of pharmacy

**Programme Educational Objectives (PEO)**

PEO 1. To imbibe the fundamental knowledge, skills and competencies of National and International Standards

PEO 2. To inculcate professional ethics, responsibilities among the students and render healthcare service to society

PEO 3. To become a competent and successful pharmacist in order to effectively demonstrate research, leadership and entrepreneurship qualities

PEO 4. To participate in life-long learning process in different disciplines of pharmacy

**Govt. College of Pharmacy, Karad.**

Pharmaceutics - I Laboratory Journal

Which Satish Pisal CLASS M p harm. I Roll No. 18

ation Seat No. 01


Year 2018 - 2019

**(INDEX)**

Title of the experiment	Date of Expt.	Page No.	Remarks & Initials
To microencapsulate charcoal by Coacervation phase separation	18/11/19	1-2	
To prepare & evaluate calcium alginate beads	25/11/19	3-6	
Formulation of gelatin microsphere	8/12/19	7-8	
To prepare & evaluate herbal shampoo	11/12/19	9-14	
To prepare & evaluate cream shampoo	13/13/19	15-18	
Development & evaluation of toothpaste	14/13/19	18-19	
Improvement of dissolution characteristics of slightly soluble drug by solid dispersion technique using K100M polymer	3/14/19	20-22	

**(INDEX)**

Serial No.	Title of the experiment	Date of Expt.	Page No.	Remarks & Initials
8.	Improvement of dissolution characteristics of slightly soluble drug by dispersion technique	3/14/19	23-25	
*	Demonstrations			
9.	Formulation data analysis using design expert software	22/13/19	26-29	
10.	Quality by design approach for pharmaceutical company	23/13/19	30-33	
11.	To study computational modeling of drug disposition	15/13/19	34-37	
12.	To address dry skin, acne, ble, wrinkles, bleeding	8/2/19	38	



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**Govt. College of Pharmacy, Karad.**  
Pharmaceutical Chemistry Laboratory Journal

Name Sachdeo Rahul Ashok Class M. Pharm. I Roll No. 07  
Examination Seat No. 119 Year 2018 - 2019

**INDEX**

Serial No.	Title of the experiment	Date of Expt.	Page No.	Remarks & Initials
1.	To demonstrate and calibrate UV-spectrophotometer	24/08/18	1-8.	
2.	Demonstration of IR Spectrophotometer	24/08/18	9-19.	
3.	Demonstration of Gas Chromatography	31/08/18	20-26.	
4.	Demonstration of HPLC	31/08/18	27-32.	
5.	Demonstration of Column Chromatography	01/09/18	33-37.	
6.	Demonstration of Fluorimetry	01/09/18	38-41. 42-47.	
7.	Demonstration of flame Photometry.	07/09/18		



  
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**Index Sr. No.: 3**  
**(Students Industrial Training)**



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### STUDENTS INDUSTRIAL TRAINING

As per syllabus prescribed by Shivaji University Kolhapur, four weeks (1month) industrial training is mandatory for B.Pharm and 3 month Medical store training for D. Pharm students. College training and placement cell keeping the record of students training in industry, the student are exposed to various pharmaceutical industry as per their willingness in areas as;

- Manufacturing: Tablets, Capsules, Parenteral, Semisolids dosage forms
- Quality control department
- Quality assurance department
- Marketing
- Packaging
- Analytical department



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**Index Sr. No.: 4**  
**(Industrial Tour)**



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Industrial Visit: Date- 09/02/2024 ACG Capsules

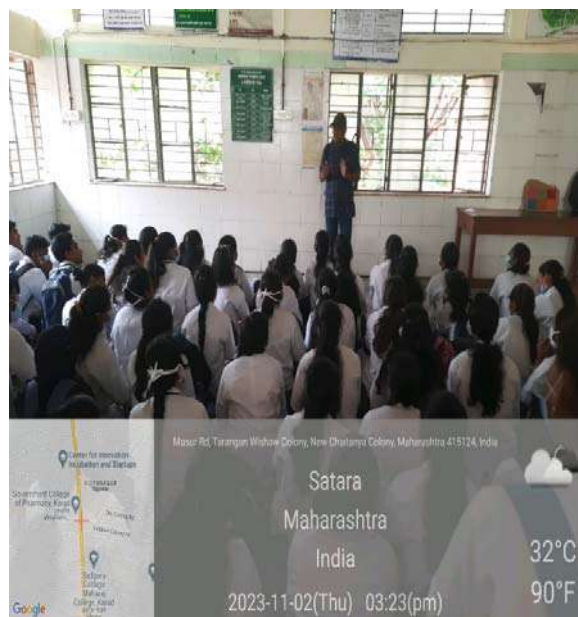


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Hospital Visit, Karad: Date 02/11/2023



Nurses giving the information about the vaccinations.



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Water filtration plant visit:



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**Index Sr. No.: 5**  
**(Guest Lecture)**



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### Guest lecture 2023-24

Sr. No	Name of Faculty	Organization	Date	Topic
1	Dr. Prasad Patrekar	Principal, Eklavya College of Pharmacy, Tasgaon.	27/02/2024	Accountancy for community pharmacy
2	Shri. Vikas Patil	Alumni of GCOPK, Advocate legal consultant	15/02/2024	Entrepreneurship Development
3	Shri. Mahendra Kashid	Owner, Chirayu Health Store, Alumni of GCOPK	15/02/2024	Setup of Retail Pharmacy Finance to setup retail shop.
4	Shri. Rahul Jamdar	Owner, Jamdar Ayurvedic stores	15/02/2024	Opportunities for Ayurvedic Entrepreneurship.
5	Mr. Vaibhav Jambhale	Jambhale Medicals	15/02/2024	Registration of Pharmacists
6	Shri. Sagar Patil	Owner, Chirayu Wholesale, Malkapur Alumni of GCOPK	15/02/2024	Opportunities and challenges for establishing wholesale
7	Mr. Dilip Baburao Patil	Owner Shreekrishna medical stores, Masur	30/01/2024	Insights on Consumer Protection Act.
8	Mr. Vikram Ramchandra Shinde	Principal, Dadasaheb Institute of Pharmacy, Masur	30/01/2024	Opportunities in Higher Education.
9	Mr. Vinayak B. More	Jeevan Vidya Mission	02/11/2024	Life skills and stress management



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## 2.3- Teaching- Learning Process



## **2.3- Teaching- Learning Process**

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**Index Sr. No.: 6**

**(State Level Paper Presentation Competition)**



## 2.3- Teaching- Learning Process

### PARTICIPATIVE LEARNING

#### MSBTE Sponsored State Level Quiz Competition

Government College of Pharmacy, Karad had organized a State level Paper presentation Competition sponsored by Maharashtra State Board of Technical Education (MSBTE), Mumbai on 15 April 2023. The objective of competition to enhance research attitude, creativity, innovation, skills in students, various poster were presented by students of D. Pharm.



#### MSBTE Sponsored State Level Paper Presentation Competition



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**शासकीय महाविद्यालयात राज्यस्तरीय टेक्निकल पेपर प्रेझेंटेशन स्पर्धा**

**कराड : पुढारी वृत्तसेवा**

शासकीय औषधनिर्माणशास्त्र महाविद्यालय, कराड येथे महाराष्ट्र राज्य तंत्रशिक्षण मंडळ, मुंबई पुरस्कृत राज्यस्तरीय ऑनलाइन टेक्निकल पेपर प्रेझेंटेशन स्पर्धा आयोजित करण्यात आली होती. सदर स्पर्धेसाठी राज्यातील २५ महाविद्यालयातील विद्यार्थ्यांनी सहभाग घेतला होता. या स्पर्धेचे उद्घाटन महाराष्ट्र राज्य तंत्रशिक्षण मंडळाचे उपसचिव शाहिद उस्मानी यांच्या हस्ते करण्यात आले.

प्राचार्य डॉ. के.बी. बुराडे यांनी स्वागत केले तर पदविका विभागाचे विभागप्रमुख डॉ. रेमेय डायस आणि स्पर्धेचे समन्वयक डॉ. कुलदीप बनसोड यांनी विद्यार्थ्यांना मार्गदर्शन केले. स्पर्धेमध्ये प्रथम पारितोषिक रोख

१५००० रुपये के. एन. गोकुळदास व नायक रामहारी ए.एफ.एम.सी. कॉलेज ऑफ फार्मसी पुणे, द्वितीय पारितोषिक १०००० रुपये प्रतीक्षा पवार व सुहानी लतावडे शासकीय औषधनिर्माणशास्त्र महाविद्यालय, कराड आणि तृतीय पारितोषिक रुपये ५००० साक्षी पटोले व किरण पवार, आण्णासाहेब डांगे कॉलेज ऑफ फार्मसी, आष्टा यांना मिळाले. स्पर्धेसाठी परीक्षक म्हणून डॉ. प्रशांत हंबर, डॉ. सचिन नीटवे, डॉ. मिथुन मनियार व डॉ. राहुल उंबरकर यांनी काम पाहिले. स्पर्धा यशस्वी करण्यासाठी डॉ. के. बी. बुराडे, डॉ. रेमेय डायस, डॉ. कुलदीप बनसोड, डॉ. ए. एस. सवळी प्रा. सुशांत पांडे, संस्थेचे प्रबंधक डी. ए. कांबळे यांनी परिश्रम घेतले.

**हे. प्रमुख दि. २५/०४/२०२३**

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**MSBTE Sponsored State Level Paper Presentation Competition**

## **2.3- Teaching- Learning Process**

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**Index Sr. No.: 8**  
**(Cultural and Gymkhana Activity )**



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### Cultural activities



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### Ganapati festival celebration



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### Sports events





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**Index Sr. No.: 9**  
**(NSS Activities)**



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### NSS ACTIVITIES

Name of the Activity	Date
Blood donation Camp	14/03/2023
Shivswarajya Din	06/06/2023
International Yoga Day	21/06/2023
Meri mitti Mera Desh	09/08/2023
Tree Plantation	11/08/2023
Swacchata Abhiyan	20/09/2023
Voters' registration	06/10/2023
World AID's Day	01/12/2023
Medicinal Tree Plantation	11/12/2023
Dental Check-up	18/01/2024
Eye Check-up	19/01/2024
Health Check-up	20/01/2024



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### Camp Site Cleaning



### Inauguration of Camp



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### Dental Camp : Date: 18.01.2024



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### “Free Eye Examination camp” for villagers - Date: 19.01.2024



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### Health Checkup Camp for School Students - Date: 20.01.2024



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**Index Sr. No.: 11**  
**(Use of Digital Library)**



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## 2.3- Teaching- Learning Process

### DIGITAL LIBRARY

**Learning facilities:** All students and staff members access e-journals from DELNET Science. National Digital Library, E-Shodhsindhu, Knimbus, SWAYAM Facilities are available for all students, which helps in research Project.





## 2.3- Teaching- Learning Process

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**Index Sr. No.: 10**

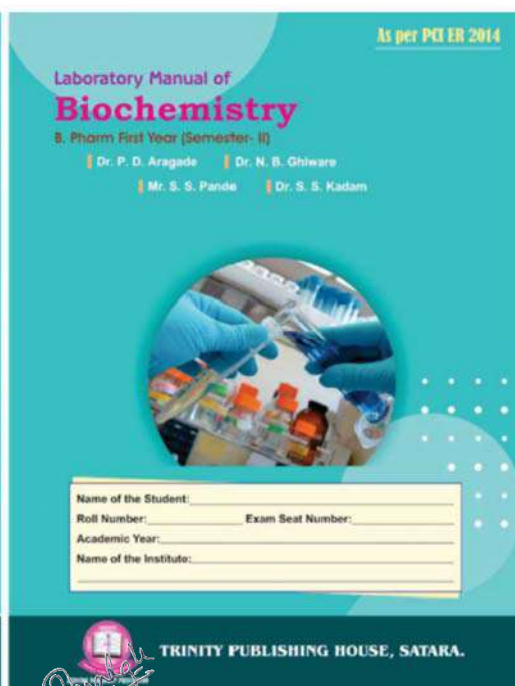
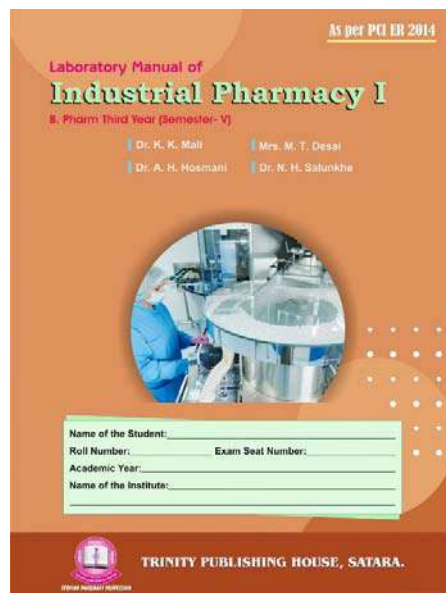
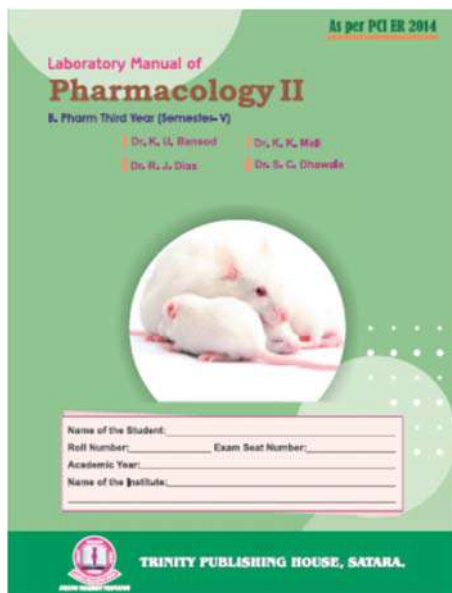
**(Laboratory manuals published by faculties)**



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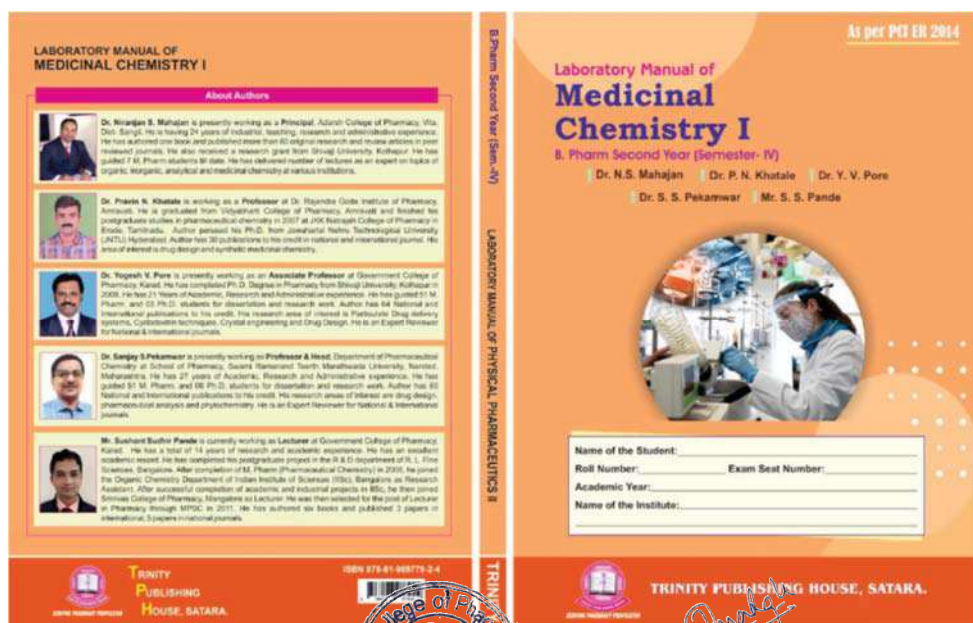
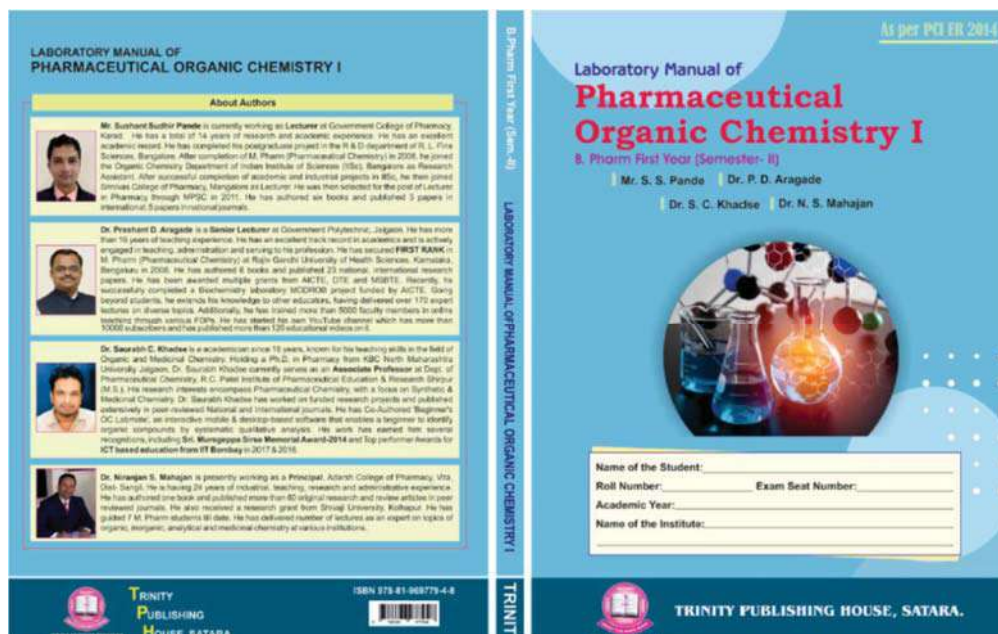
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### Publication Year - 2023-24



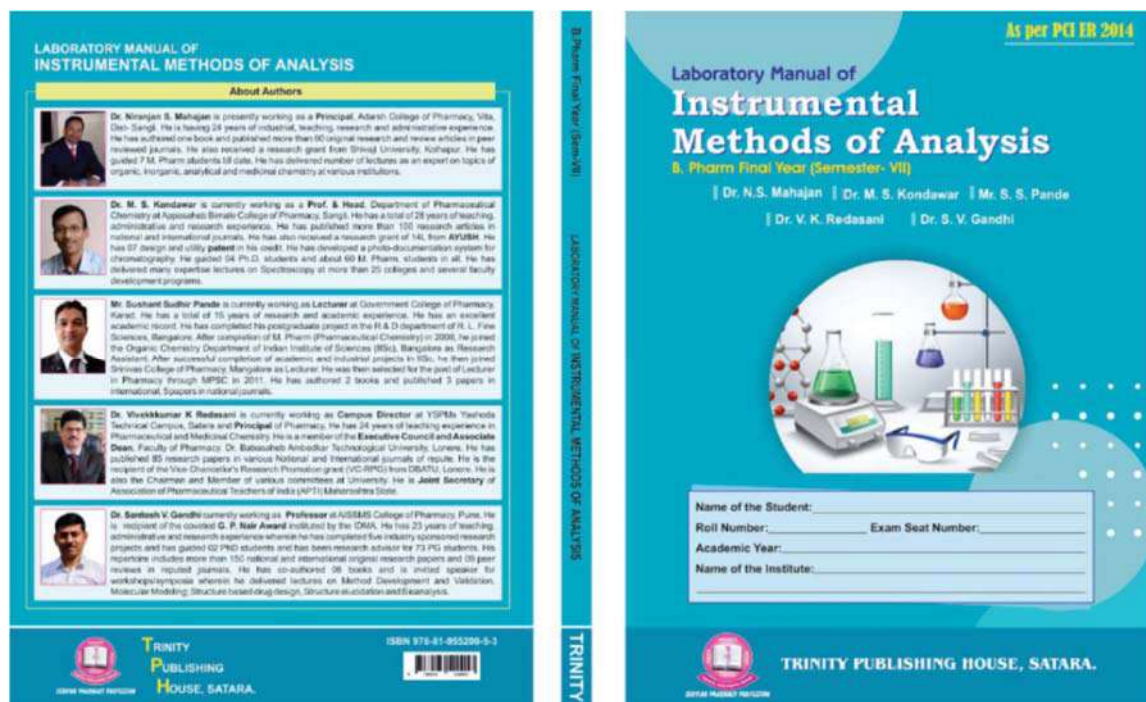
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