



(Approved by AICTE, PCI, New Delhi Recognized by Govt. of Maharashtra, DTE (MS) & affiliated to University of Pune).

#### VISION :

To be a premier institute in the field of pharmaceutical education, research and healthcare for the betterment of society.

#### MISSION:

To provide, nurture and maintain conducive environment for academic excellence, research and entrepreneurship to prepare competent, ethical and socially responsible pharmacy professionals.

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## J.S.P.Ms

### Rajarshi Shahu College of Pharmacy and Research.

# PHARMASPECTRUM

e- news letter

Jun-Jul-Aug - 2015-16

## B.Pharm & M.Pharm [Pharmaceutics & Quality Assurance Technique].

#### President's Message



**Prof. T. J. Sawant,  
Founder Secretary,  
JSPM.**

*It gives me immense pleasure to congratulate Rajarshi Shahu College of Pharmacy and Research on publication of college News Bulletin Pharmaspectrum. I appreciate this remarkable excellent journey of the college in academics as well as extra-curricular field. I wish you bright future and All the Best for successful academic upcoming years.*

#### Principal's Message



**Dr. K.R. Khandelwal,  
Principal**

*The successful journey of Rajarshi Shahu College of Pharmacy and Research has begun in the year of 2006 with the vision to satisfy the aspirations of youth force, team of skilled faculty members and supporting staff offer 'Quality Education' to the students. Their dedication to service is the best advertisement in today's competitive world.*

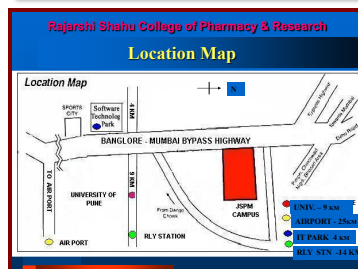
#### Salient features of the college:

- Personal attention to students by Guardian Faculty Members.
- Excellent Result every year.
- College Certificate Course in Clinical Research at no extra cost.
- Availability of research fund.
- Highly qualified, experienced and dedicated teaching faculty.
- Well equipped small scale research laboratory [Pilot Plant]
- Availability of reputed International & National Journals in library.
- Guest lectures by eminent personalities from academia & industry.
- Journal Club Activity to inculcate research interest in students.

**Nilima A. Chaudhari.**

**Asst. Prof, Pharmaceutics Dept.**

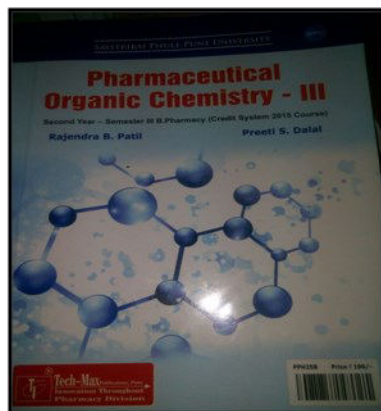
**[Chief Editor].**



M.Pharm  
Students  
Working  
in  
Research lab.

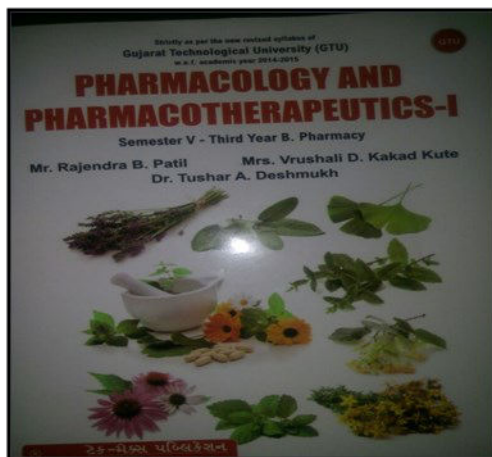


### Pharmaceutical Organic Chemistry – III - A Book Authored by Prof. Rajendra B.Patil and Prof. Preeti S.Dalal.



**Pharmaceutical Organic Chemistry – III** - Book for Second Year B.Pharm students has been authored by our staff member Prof Rajendra B.Patil V and Prof. Preeti S.Dalal., Department of Pharmaceutical Chemistry. Book is as per revised syllabus of Savitribai Phule Pune University w.e.f academic year 2015 - 16 for Semester III – Second Year B. Pharmacy ( Credit System 2015 Course), w.e.f academic year 2015 – 16, published by Techmax Publication.

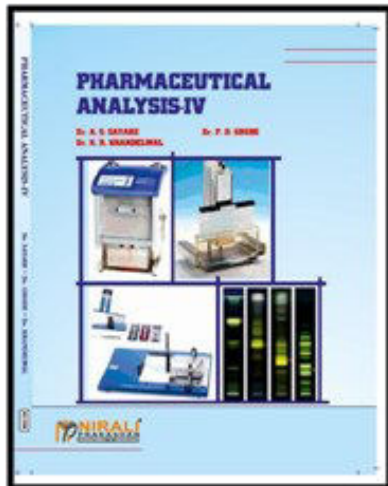
### Pharmacology & Pharmacotherapeutics – I - A Book Authored by Prof. Rajendra B.Patil and Prof. Vrushali Kakad – Kute



**Pharmaceutical Analysis – I** – A Book for Third Year B.Pharm (Semester V) students has been authored by our staff member Prof Rajendra B.Patil and Prof. Vrushali Kakad – Kute. Book is as per revised syllabus of Gujarat Technological University (GTU), w.e.f academic year 2014 - 15 for First Year

B. Pharmacy, published by Techmax Publication. They have been congratulated by our Founder Secretary Prof.T.J.Sawant Sir, Principal Dr.K.R.Khandelwal and all the staff members for his achievement.

**Pharmaceutical Analysis - IV- A Book Authored by  
Dr.K.R.Khandelwal, Dr.A. S Sayare & Dr.P.D Ghode**



Pharmaceutical Analysis - IV - Book for B.Pharmacy students has been authored by Dr.K.R.Khandelwal, Dr.A. S Sayare & Dr.P.D Ghode. Published by Nirali Prakashan.



**Industrial Visit to Maharashtra Ayurved Centre Pvt. Ltd., Pune.**

Industrial Visit was organized for Final Year B.Pharm and M.Pharm students to Maharashtra Ayurved Centre Pvt. Ltd., Pune, on 31.08.2015. It is an Industry Centre by Dept. of AYUSH (Govt. of India). Dr.Sunita Belgamwar, Director and Mr. Govind Gawade, Quality Control Incharge explained all the departments of the industry to the students. All the processes from raw material storage to the formulation along with quality control and packaging were explained and shown to the students. Dr.Sunita Belgamwar gave a presentation on the infrastructure and facilities provided by the Industry.



### Program Outcomes (POs)

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

### Program Educational Objectives (PEOs)

Graduate shall have successful pharmacy career and exhibit team work, leadership and communication abilities.

Graduate shall possess an ability to address healthcare, safety and environmental issues by applying ethical principles.

Graduate shall be abreast with ever-changing professional challenges and research by using modern tools and have flair for life-long learning.

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