



D.S.T.S. Mandal's

# College of Pharmacy, Solapur

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(Affiliated to Solapur University & Approved by AICTE, DTE, PCI)

**PROSPECTUS**



**Founder**



**Late HON. Shri. V.G. Shivdare**  
(Founder President) ▶



**HON. Shri. Rajshekhar Shivdare**  
(President) ◀

# Principal Desk



**Prof. R. Y. Patil**

Principal

## Principal Desk

D.S.T.S.Mandal's College of Pharmacy, Solapur (COPS) is an institute that introduced pharmaceutical education to Solapur. Having established the Diploma in Pharmacy course in 1980 and B Pharm in 1993 we now impart Pharmaceutical education up to PG and Ph. D. We have exhibited excellence since inception, as evident by excellent performance of our students at the university examinations, GATE, GPAT and other competitive examinations including Public Service Commission examinations. Our alumni are spread all over the globe and are known for their strong basic pharmaceutical knowledge and skills, the profession needs. "COPS" is an arena for the students from diverse backgrounds to develop academically, professionally, emotionally, and transform into a good pharmacist and above all a wonderful human being. While we create state of the art educational facilities we nurture our rich cultural heritage. We strive to provide an atmosphere where each and every student is given the attention necessary to achieve his/her individual success through our highly experienced and dedicated faculty.

Although it is said that "nothing is perfect in this world" we strive towards perfection. Post independent India has done exceedingly well in the product oriented pharmacy and still lot needs to be done in addition, in the patient oriented pharmacy and in the R & D. While the global demand for quality drugs from India is constantly and intensely increasing, we stand committed to present quality pharmacists to this world.

## COURSES OFFERED :

- ▶ B.PHARMACY (100 Seats)
- ▶ M.PHARMACY (Pharmaceutics, 18 Seats)
- ▶ M.PHARMACY (Quality Assurance, 18 Seats)

Ph.D. IN PHARMACY

Approved by: DTE, AICTE, PCI, DTE, Ministry of HRD, Solapur University, Solapur.

## Eligibility For B. PHARMACY :

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics,

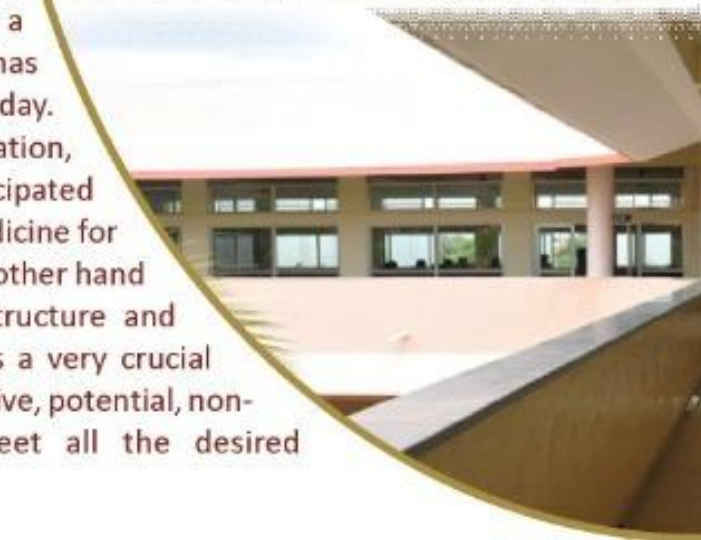
Chemistry and Biology / Mathematics / Biotechnology with 50% marks (not less than 149 marks ) and in case of reserved category (not less than 134 marks) and must have non zero score in MHT-CET of current year.

**Infrastructure:**

**Department of Pharmaceutics :** Pharmaceutics is a branch of pharmacy field that carries the impression of pharmacy profession. In general it encompasses the areas that involve designing, formulation and presenting a therapeutically useful chemical entity in a most appropriate drug delivery system such as tablets, capsules, syrups, etc. The comprehensive study of this subject necessitates integration of physical, chemical and biological principles, as applicable to all the components of drug delivery systems. In the present scenario, the discovery of various drug entities has enabled the development of new drug delivery system, advanced production processes and the latest machinery for manufacture of superior quality products.

**Department of Pharmaceutical Chemistry:**

Medicinal chemistry is an interdisciplinary science, which has seen enormous growth in the past decade. Traditionally accepted as a branch of organic chemistry, the subject has reached a tremendous level of complexity today. It involves many aspects like synthesis, isolation, purification and characterization of anticipated organic compounds that can be used in medicine for the treatment and cure of diseases. On the other hand it establishes a link between chemical structure and biological activity. Medicinal Chemist plays a very crucial role in the design and development of selective, potential, non-toxic, new chemical entities which meet all the desired pharmacokinetic properties.






### **Department of Pharmacology:**

Pharmacology is the study of drugs, their nature, properties & effect on living systems. The Pharmacology Department is well equipped at par with other departments and has proved to be an asset to this institute. In addition, there is a separate store cum preparation room aiding the routine practical work. The department is provided with four computers along with Internet connection to facilitate departmental work. Also, a separate CPCSEA approved spacious animal house, is another asset wherein housing of experimental animals as per standard guidelines is followed.



### **Department of Pharmacognosy:**

Pharmacognosy is an Applied Branch of science, which deals with the detail study of Crude drugs obtained from Natural Origin like Plants, Animals & Minerals. Is totally designed according to the practicals being conducted. Dept. of Pharmacognosy & Phytochemistry aims at improving the basic concepts like identification & authentication of plants of various families. Microscopical evaluation of crude drugs at First year B.Pharm level, more weightage is given to identification of crude drug by Morphological and Microscopical Analysis at third year B. Pharm. Various projects are assigned to know the advances in Pharmacognosy & Phytochemistry at final year B. Pharm the department focuses on the industrial application the subject. The detail of cultivation, collection & processing of the plant has been studied. The extraction of phytoconstituent from the crude drug is extensively studied. The extracted phytoconstituent further processed for purification, identification by means of TLC.



### **Department of Quality Assurance:**

Drugs being a very important component of healthcare, these need special attention especially with respect to quality, efficacy and safety. This

has always been a matter of concern from the consumer point of view. The quality control concept basically meant that the quality of the product conformed to the predetermined standards as given in the pharmacopoeia. But the concept was not enough as thereafter the concept GMP emerged in the 1960s in USA. It was however the WHO who played a major role in bringing awareness to the manufacturer of the drug product and national drug regulatory authorities through its certification scheme. The setting of global standard is required by WHO constitution. One of the organization function is that it should "develop, establish and promote international standard with respect to food, pharmaceutical and similar products". Responsibility of assuring product quality belongs principally to quality assurance personnel but involves team effort. The manufacturer fulfills his obligation to the consumer by following good manufacturing practices, which ensure that a product consistent high quality is manufactured by him every time. Good manufacturing starts from the time raw material enters the factory and continues into the final dosage form and takes care that it is delivered safely into the hands of consumer. In the recent past pharmaceutical manufacturing organizations world over have devoted a great deal of effort (resources) to ensure compliance with cGMP guidelines issued by licensing authorities. The Indian pharmaceutical industry in particular has demonstrated remarkably its ability to comply with the stringent requirements of regulatory authorities like the USFDA and UKMCA, etc. Still except for multinational companies and a few other pharmaceutical companies, GMP did not percolate to a large number of medium and small-scale pharmaceutical companies.

### **Ragging is Banned in the College Premises**

At the outset we are proud of the clean culture of our students for keeping our campus free from the very thought of Ragging. However as per rules we hereby declare.



*Candidate Selected in Campus Interview*



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**STUDENTS SELECTED IN CAMPUS INTERVIEW**

**TCS LTD. Pune**

Jamadar Firdaus    Katare Vinita    Gaikwad Pratik    Birajdar Sachita    Nagtlik Prajakta

**TATA**  
CONSULTANCY SERVICES  
**PHARMACO VIGILANCE**

**MYLAN Laboratories Bengaluru**

Anand Sangrade    Akash Bhogawar    Ashwarya Patil    Jaykumar Bhandari    Mahadev Gadhave  
Nadar Fadale    Himanshu Shingode    Nisha Ghule    Sangmeshwar Birajdar    Nihal Patel

**Validation**  
- Production  
- RA  
- QA  
- QC

**Aadhar Lifesciences, Solapur**

Yogesh Hanchate    Sryesta Mane    Varsha Jamakhandi    Sanket Kshirsagar

- R&D Scientist  
- Product Development  
- Analytical Development

**Macleods Pharma Mumbai Daman**

Gajul Vaishnavi    Gadhave Mahadev    Patil Pramod

- R & D (ADL)  
- PRODUCTION

**Advant-Med LLC Ahmedabad Pune**

Jujgar Krutika    Reure Arati    Bhandari Jugalkishor

**MEDICAL CODING**

**MYLAN Laboratories Bengaluru**

Ashish Arora    Harnaik Bhandari    Gadhikar Kiran    Gunde Harshesh    Patil Dhruvraj    Sankar Sankar  
Varadar Muthu    Himanshu Mane    Bhatkar Pooja    Suryagan Pravin    Ekam Mangal    Harshad Jethwani

- R & D  
- Production  
- RA  
- QA  
- QC

**TCS LTD. Mumbai Pune**

**TATA**  
CONSULTANCY SERVICES  
- Pharmacovigilance  
- Clinical Data Mgmt  
- Regulatory Affairs  
- Quality Assurance

**EPI SOURCE INDIA PVT. LTD. Mumbai**

Paraskar Sumedh

**EXCELRA KNOWLEDGE SOLUTIONS PVT. LTD. Hyderabad**

Birajdar Sachita    Nagtlik Prajakta

Junior Research Analyst

## Vision

“To Impart quality pharmaceutical education to cater to the growing needs of the profession of Pharmacy”



## Mission

- M1 ➤ To create conducive learning environment through modern infrastructure.
- M2 ➤ To incorporate the best available practices in teaching, training and research.
- M3 ➤ To develop responsible pharmacists to foster professional growth.
- M4 ➤ To make pharmacist a vital member of health care system.



## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1 ➤ To make graduates proficient and successful pharmacists, in all operational sectors.
- 2 ➤ To encourage graduates for higher education.
- 3 ➤ To instil values and professional ethics so as to provide the best possible health care services to the society.
- 4 ➤ To promote entrepreneurship amongst the graduates.

