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NAAC Accredited

Sandip Institute of  
Pharmaceutical Sciences



Add on / Value added  
Certificate Courses

*Enrolled students can choose a course that aligns with your academic and career goals. Take up to two courses per year to expand your horizons. Our courses are designed to meet the needs of students at B. Pharma and M. Pharma levels.*

Courses Offered

Under  
**IQAC**  
SIPS

2018-19

# APPLICATION OF COMPUTER IN PHARMACY

Campus: Mahiravani, Trimbak Road, Tal & Dist. Nashik-422213, Maharashtra, India.

☎ 1800-233-2714

✉ sandipfoundation@gmail.com

🌐 [www.sips.sandipfoundation.org](http://www.sips.sandipfoundation.org)

## COURSE OBJECTIVE

- **Pharmacy Information Systems:** Understand the role of computer applications in managing and organizing pharmacy information.
- **Electronic Prescription Processing:** Familiarize students with electronic prescription systems and their integration into pharmacy workflows.
- **Clinical Decision Support Systems:** Introduce the use of computer applications for clinical decision support in pharmaceutical care.
- **Drug Interaction and Allergy Checking: Learn the application of computer programs to identify and manage potential drug interactions and allergies.**

## COURSE OUTCOMES

- **Efficient Pharmacy Operations:** Demonstrate competence in utilizing pharmacy information systems for streamlined inventory management.
- **Accurate Electronic Prescription Processing:** Process electronic prescriptions accurately and efficiently using relevant computer applications.
- **Informed Clinical Decision-Making:** Utilize computer-based clinical decision support systems to make informed decisions in pharmaceutical care.
- **Enhanced Patient Safety:** Apply computer applications to identify and manage drug interactions and allergies, contributing to improved patient safety.

### CHIEF PATRON

**Hon'ble. Dr. Sandip N. Jha**  
Chairman  
Sandip Foundation

### PATRON

**Prof. Pramod Karole**  
Academic Facilitator  
Sandip Foundation

### CONVENER

**Prof. Dr. Anil G. Jadhav**  
Principal  
SIPS, Nashik

### COORDINATOR

**Prof. Shweta Gedam**

### REGISTRATION DETAILS

**Dr. V. T. Pathan**  
9766294041

**Dr. L. B. Borse**  
(Academic Dean)



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**COMMUNICATION  
SKILLS**

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## COURSE OBJECTIVE

- **Effective Verbal Communication:** Develop clear and concise verbal communication skills for professional and patient interactions.
- **Active Listening Proficiency:** Cultivate active listening techniques to better understand patient needs and concerns.
- **Professional Written Communication:** Improve written communication skills for prescriptions, labels, and patient education materials.
- **Interprofessional Collaboration:** Foster effective communication with other healthcare professionals for comprehensive patient care.

## COURSE OUTCOMES

- **Clear Communication:** Demonstrate improved verbal communication skills for clarity in professional interactions.
- **Enhanced Listening Abilities:** Exhibit active listening skills leading to improved patient-pharmacist relationships.
- **Professional Documentation:** Produce accurate and professional written documentation.
- **Interprofessional Effectiveness:** Engage in effective communication with healthcare professionals for collaborative care.

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**Courses Offered**

# ENVIRONMENTAL SCIENCES

Under  
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## COURSE OBJECTIVE

- **Foundational Knowledge:** Develop a comprehensive understanding of key concepts and principles in environmental sciences, including ecosystems, biodiversity, climate change, and sustainability.
- **Research and Analysis Skills:** Acquire skills to conduct environmental research, collect and analyze data, and interpret findings to address real-world environmental challenges.
- **Interdisciplinary Understanding:** Foster an interdisciplinary perspective by integrating knowledge from biology, chemistry, geology, and social sciences to comprehend complex environmental issues.
- **Environmental Policy Awareness:** Gain insight into environmental policies and regulations at local, national, and global levels, and understand their impact on conservation and sustainable development.

## COURSE OUTCOMES

- **Comprehensive Understanding:** Demonstrate a deep understanding of foundational environmental science concepts and their interconnectedness.
- **Research Competence:** Conduct independent environmental research, collect and analyze data, and present findings effectively.
- **Interdisciplinary Application:** Apply interdisciplinary knowledge to address complex environmental challenges, promoting holistic problem-solving.
- **Informed Environmental Advocacy:** Utilize knowledge of environmental policies to advocate for sustainable practices and contribute to conservation efforts

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**Dr. Atul Bendale**

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# Nutrition And Human Health

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## COURSE OBJECTIVE

- **Fundamental Nutrition Knowledge:** Acquire a solid understanding of the principles of nutrition, including macronutrients, micronutrients, and their roles in human health.
- **Dietary Assessment Skills:** Develop skills in assessing dietary patterns, nutritional needs, and creating personalized nutrition plans for individuals and communities.
- **Nutritional Biochemistry:** Understand the biochemical processes involved in nutrient metabolism and their impact on human health.
- **Health Promotion Through Nutrition:** Learn how to promote health and prevent nutrition-related diseases through appropriate dietary practices and lifestyle choices.

## COURSE OUTCOMES

- **Clear Communication:** Demonstrate improved verbal communication skills for clarity in professional interactions.
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# ROLE OF PHARMACIST IN PUBLIC HEALTH

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## COURSE OBJECTIVE

- **Health Promotion and Education:** Educate the public on health-related topics, including medication management, preventive care, and healthy lifestyle choices.
- **Disease Prevention and Immunization:** Participate in public health campaigns for disease prevention, including promoting immunizations and providing education on contagious diseases.
- **Medication Management and Adherence:** Enhance medication adherence through counseling, education, and monitoring, contributing to better public health outcomes.
- **Collaboration with Healthcare Teams:** Collaborate with other healthcare professionals to improve patient care, especially in areas such as chronic disease management and public health initiatives.

## COURSE OUTCOMES

- **Increased Health Literacy:** Contribute to improved health literacy by providing clear and accessible information on medications and health-related topics.
- **Improved Immunization Rates:** Contribute to increased immunization rates through active involvement in vaccination campaigns and public education.
- **Enhanced Medication Adherence:** Improve overall medication adherence rates in the community through effective counseling and monitoring.
- **Effective Collaboration:** Demonstrate effective collaboration with healthcare teams, fostering comprehensive and patient-centered care.

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