



SULTAN-UL-ULOOM COLLEGE OF PHARMACY

(Estd. by Sultan-ul-Uloom Education Society)

Approved by AICTE & Pharmacy Council of India

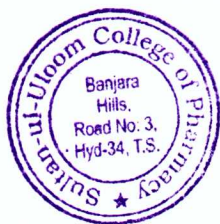
Affiliated to Jawaharlal Nehru Technological University, Hyderabad

B.Pharm Program Accredited by NBA

Recognized under Section 2(f) & 12(B) of the UGC Act, 1956

PROGRAM OUTCOMES (POs)

PO No s.	Program Objective	Program Outcomes
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



PRINCIPAL

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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
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PROGRAMME SPECIFIC OUTCOMES (PSOs)

B.PHARMACY

PSO Nos.	Program Specific Outcomes
1	To develop the knowledge in technical or professional careers in various pharmaceutical industry and/ or institute and /or Health care system through excellent real time exposure to rigorous education.
2	To apply the skills of manufacturing, formulation/preparation and quality control of various pharmaceutical preparations
3	To design the modern tools to integrate health care systems, design an effective product with commercial advantage and societal benefit, perform risk analysis and become entrepreneur

PROGRAMME SPECIFIC OUTCOMES (PSOs)

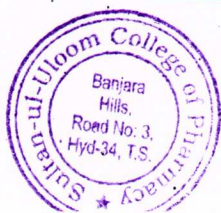
PHARM.D

PSO Nos.	Program Specific Outcomes
1	Work with medical practitioners in hospitals and clinics to improve pharmacotherapy for better patient compliance.
2	Explore opportunities with pharmaceutical industries and government organizations as medical writer, pharmacovigilance associate and clinical research associate.
3	Educate patients and other communities for safe and rational use of medications.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PHARM.D (P.B.)

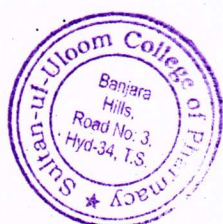
PSO Nos.	Program Specific Outcomes
1	Work with medical practitioners in hospitals and clinics to improve pharmacotherapy for better patient compliance.
2	Explore opportunities with pharmaceutical industries and government organizations as medical writer, pharmacovigilance associate and clinical research associate.
3	Educate patients and other communities for safe and rational use of medications.



PROGRAMME SPECIFIC OUTCOMES (PSOs)

M. PHARMACY

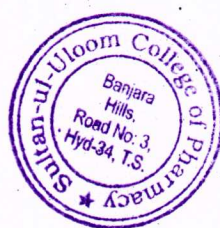
Pharmaceutics	
PSO Nos.	Program Specific Outcomes
1	Work in different divisions of pharmaceutical industry like manufacturing, quality control, quality assurance, analytical research, formulation research and regulatory affairs.
2	Become an entrepreneur in the areas of formulation research and development, pharmaceutical manufacturing, pharmaceutical consultancy services, drug sales and distribution.
3	Explore opportunities in different government and non-government organizations as drug analyst, academician, research scientist and drug inspector.
Pharmaceutical Chemistry	
PSO Nos.	Program Specific Outcomes
1	Work in different divisions of pharmaceutical industry like manufacturing, quality control, quality assurance, analytical research, active pharmaceutical ingredient synthesis and regulatory affairs.
2	Become an entrepreneur in the areas of new molecule development, analytical method development, pharmaceutical consultancy services, drug sales and distribution.
3	Explore opportunities in different government and non-government organizations as drug analyst, academician, research scientist and drug inspector.
Pharmaceutical Quality Assurance	
PSO Nos.	Program Specific Outcomes
1	To Understand the applications of Quality assurance and Quality control throughout product life cycle
2	To Analyze the Application Based Importance of Emerging Quality Building Concepts in Product Manufacturing.
3	To Perform Procedures like Method Validation, Process Validation, Equipment /Facilities/Utilities Validation, Documents and Records Designing as per the Regulatory Standards Leading to Compliance of cGMP.

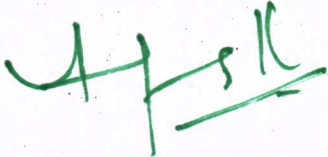


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Pharmacology	
PSO Nos.	Program Specific Outcomes
1	Work in different divisions of pharmaceutical industry like manufacturing, quality assurance, analytical, preclinical research, pharmacovigilance and regulatory affairs.
2	Become an entrepreneur in the areas of clinical research, preclinical development, pharmaceutical consultancy services, drug sales and distribution.
3	Explore opportunities in different government and non-government organizations as clinical research associate, academician, research scientist and drug inspector.
Pharmacy Practice	
PSO Nos.	Program Specific Outcomes
1	Students elucidate patient care in performing medication counseling, medication history, medication chart review, drugs and poison information and interpretations of Clinical laboratory data which impacts on Pharmacotherapy.
2	Students assist physician to analyze and provide solution for the critical cases in hospitals/Clinics for improved therapy outcome and better patient compliance.
3	Students will Possess ethical and moral values in the delivery of health care in multifaceted environment.




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