



OFFICE OF THE JAMMU & KASHMIR STATE PARAMEDICAL / NURSING COUNCIL

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PROGRAMME GUIDE/ COURSE DESCRIPTION

Course Name: Diploma in Medical Assistant/ Pharmacist

Issued by: Jammu & Kashmir State Paramedical/Nursing Council

Duration: 2 Years (Full-Time)

Program Overview:

The Two Years Diploma Course in “**Medical Assistant/Pharmacist**” is a full-time paramedical and allied health program approved and regulated by the Jammu & Kashmir State Paramedical/Nursing Council.

The program is designed to impart comprehensive education and practical training in pharmacy practice, pharmacology, pharmacotherapeutics, community pharmacy services, medication safety, basic medical sciences, hospital services, and patient care, strictly in accordance with the official syllabus prescribed by the Council.

The curriculum contains substantial pharmacy-oriented academic and practical components, enabling graduates to perform professional pharmacy functions as “**Registered Pharmacist**”.

For academic clarity and international credential evaluation, the curriculum components are presented thematically while fully retaining the officially prescribed syllabus content.

Course Duration:

Two academic years of full-time instruction Includes theory, practical, community pharmacy exposure, and hospital-based clinical training as prescribed

Medium of Instruction:

English

Eligibility:

10+2 (Science Stream) from a recognized board, as per Council norms.

Academic Structure: The program includes theoretical, practical, and clinical training components aligned with core domains of pharmacy and allied health sciences.

Course Objectives:

- Provide comprehensive knowledge of pharmacy practice, pharmacology, and pharmacotherapeutics in accordance with the approved syllabus.
- Develop professional competence in dispensing medicines, prescription interpretation, dose calculation, and pharmacy documentation.
- Prepare students to deliver community and hospital pharmacy services, including patient counselling and medication guidance.
- Promote safe and rational use of medicines through training in drug safety and pharmacovigilance.
- Equip graduates for professional practice as "**Registered Pharmacists**".

Subjects and Curriculum Structure:

ASSESSMENT

Students are evaluated through:

Written examinations

Practical examinations

Viva-voce

Internal assessments

Continuous clinical evaluation

As prescribed by the Jammu & Kashmir State Paramedical/Nursing Council

Curriculum Coverage Overview (Based on Official Syllabus)

(Prepared for academic clarity and credential evaluation purposes only.

The contents below are derived strictly from the officially approved syllabus of the Jammu & Kashmir State Paramedical & Nursing Council.)

A. Basic Medical Sciences

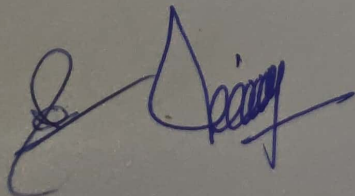
Anatomy & Physiology

Public Health & Hygiene

Diseases and National Health Programmes

Basic Medical Information

Coverage Description: This component provides foundational knowledge of human anatomy and physiology, public health, hygiene, common diseases, and national health programmes, supporting the understanding of clinical conditions, patient care, and rational use of medicines relevant to pharmacy and healthcare practice.



B. Pharmacy Practice & Dispensing

Syllabus Topics Covered:

Drugs and antibiotics: preparation, classification, and uses
Pharmaceutical processes and dispensing methods
Prescription reading, interpretation, and legality
Dose calculation, weights and measures, and abbreviations
Physical, chemical, physiological, and therapeutic incompatibilities
Dosage forms including ointments, sprays, inhalations, suppositories, and pessaries
Drug storage, inventory management, and pharmacy records

Coverage Description:

This component provides structured training in core pharmacy practice, focusing on safe dispensing, medicine handling, storage, documentation, and compliance with professional standards

C. Community Pharmacy & Patient Counselling

Syllabus Topics Covered:

Community pharmacy practice and responsibilities
Prescription handling and patient counselling
Counselling for chronic diseases
Over-the-counter (OTC) medicines and safe self-medication
Health screening services (blood pressure, blood glucose, lung function)

Coverage Description:

The curriculum emphasizes patient-oriented pharmaceutical care, enabling graduates to deliver community pharmacy services and medication guidance responsibly.

D. Pharmacology

Syllabus Topics Covered:

General pharmacology
Pharmacokinetics and pharmacodynamics
Drugs acting on major body systems (CNS, CVS, respiratory, gastrointestinal)
Chemotherapeutic agents and antimicrobials
Adverse effects, indications, and contraindications

Coverage Description:

This area develops a comprehensive understanding of drug actions, therapeutic uses, and safety, supporting rational and effective medication use.

E. Pharmacotherapeutics

Syllabus Topics Covered:

System-wise disease management
Drug therapy principles
Medication counselling points for common diseases

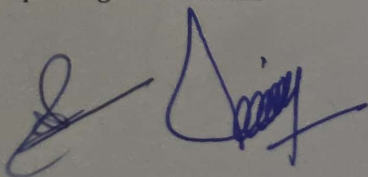
Coverage Description:

Integrates clinical disease management with pharmacological treatment principles relevant to pharmacy practice.

F. Patient Safety & Pharmacovigilance

Syllabus Topics Covered:

Adverse Drug Reactions (ADR)
ADR reporting mechanisms



Coverage Description:

Ensures competence in medicine safety monitoring, adverse event reporting, and responsible pharmaceutical practice.

G. Hospital & Clinical Exposure

Syllabus Topics Covered:

Hospital services and workflows
Infection control and sterilization procedures
Operation theatre assistance
Pre-operative and post-operative patient care

Coverage Description:

Provides practical exposure to hospital-based pharmacy and clinical support services, reinforcing applied professional skills.

OFFICIAL NOTE

This Program Guide is prepared in accordance with the officially approved syllabus prescribed by the Jammu & Kashmir State Para-Medical/Nursing Council.

A detailed description of the course, including subjects, training components, and academic requirements, is available in the official syllabus published on the Council's official website.

Assessment:

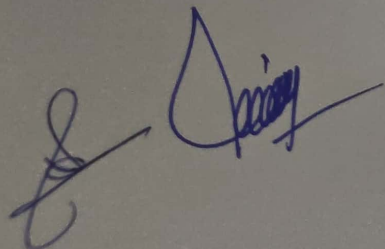
Students are evaluated based on written examinations, viva voce, practical assessments, internal assessments, and final comprehensive evaluation conducted by Jammu & Kashmir State Paramedical & Nursing Council. Attendance in theoretical and clinical sessions is mandatory.

Program Key Learning Outcomes :

Upon successful completion, candidates are awarded the Diploma in Medical Assistant/Pharmacist and become eligible for registration as "**Registered Pharmacist**".

Students will be able to:

- Dispense medications as per prescriptions and regulatory guidelines
- Assist in drug storage, inventory control, and procurement
- Understand basic pharmacological principles, formulations, and side effects
- Support clinical professionals in patient care, vital signs monitoring, and minor procedures
- Handle and manage medical records, patient data, and ethical healthcare practices
- Perform safe and efficient first aid and emergency response



Training & Internship:

Location: Associated Hospitals of Government Medical Colleges across the Region

Focus Areas:

- Inpatient and outpatient dispensing
- Hospital inventory and drug store management
- Medication counseling under supervision
- Documentation and report maintenance
- Assisting in emergency units and casualty care when required.
- Exposure to minor surgical support, sterilization techniques, and patient care services.
- Technical support and aid in diagnostic procedures and first aid application

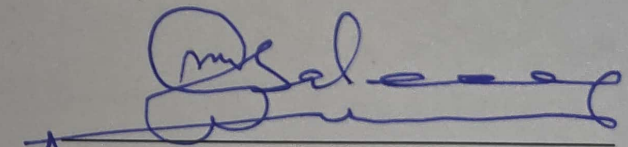
Issuing Authority:

Diploma Medical Assistant/Pharmacist: Jammu & Kashmir State Paramedical/Nursing Council

Registration: Jammu and Kashmir Para Medical Council

Pharmacist License: Jammu and Kashmir pharmacy council

(Under Department of Health & Medical Education, Government of Jammu & Kashmir, India)



CONTROLLER OF EXAMINATIONS
Jammu & Kashmir state paramedical & Nursing Council
