

MD ARZOO

Assistant Professor | Medical Laboratory Science

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📍 Hyderabad, Telangana, India

PROFESSIONAL SUMMARY

Dedicated and detail-oriented Medical Laboratory Science postgraduate and Assistant Professor with a strong academic background, clinical laboratory training, teaching experience, and research experience in A Retrospective Study of spectrum of cervical lesion a single Center Study. Currently serving as an Assistant Professor in Medical Laboratory Science at Maulana Azad National Urdu University (MANUU), Hyderabad, under the Allied Health Programme. Experienced in classroom and practical teaching, student guidance, academic assessment, laboratory-based training, departmental coordination, academic documentation, and other faculty responsibilities. Committed to student-centred learning, academic development, research, and continuous professional growth in Medical Laboratory Science.

PROFESSIONAL EXPERIENCE

Assistant Professor 08/2026 - Present

Maulana Azad National Urdu University (MANUU)

- Teaching undergraduate students in Medical Laboratory Science through classroom-based and practical sessions
- Planning and delivering lectures, practical demonstrations, presentations, and other academic activities
- Preparing lecture materials, presentations, assignments, practical teaching resources, and assessment materials
- Guiding and supporting students in academic learning, practical training, assignments, presentations, and related activities
- Conducting and evaluating internal assessments, practical assessments, assignments, and other academic evaluations
- Supporting laboratory-based teaching and practical learning activities within the department
- Participating in departmental academic activities, meetings, examinations, student-related activities, and institutional responsibilities

Postgraduate Internship 01/2025 - 07/2025

Omega Hospitals, Gachibowli, Hyderabad

- Performed sample collection, processing, and handling
- Assisted in Pathology, Biochemistry, Microbiology
- Maintained laboratory quality control and documentation
- Followed laboratory safety and infection control protocols
- Assisted in routine diagnostic procedures and reporting

Undergraduate Internship & Lab Technician 10/2022 - 05/2023

Medicover Hospitals & AIG Hospital, Hyderabad

- Gained hands-on experience in clinical laboratory operations and specimen processing
- Worked as trainee Technician in the dept of laboratory (Medicover Hospitals)
- Worked as Histopathology Lab Technician in AIG Hospital Gachibowli
- Worked as Senior lab technician in Renova Century Hospital Banjara Hills

EDUCATION

M.Voc Medical Laboratory Technology 07/2023 - 07/2025

MANUU, Hyderabad, India

CGPA: 8.25/10

B.Voc Medical Laboratory Technology 05/2020 - 08/2023

MANUU, Hyderabad, India

CGPA: 8.33/10

CERTIFICATIONS

- **Awareness of Quality Control in Medical Laboratories**
Foundation for Quality India (FQI)
- **Personality Development Program English Communication Skills**
U.S. Consulate
- **Certificate of Registration**
Telangana State Para Medical Board
- **Fundamentals of Quality Assurance**
Alison

RESEARCH & ACADEMIC PROJECTS

Postgraduate Research Project

05/2025 - Present

- **Topic:** A Retrospective Study of spectrum of cervical lesion a single Center Study
- To evaluate the prevalence and spectrum of non-neoplastic, pre-neoplastic, and neoplastic cervical lesions.
- To analyze the age-wise distribution and clinical presentation (e.g., white discharge per vagina, abnormal uterine bleeding, post-coital bleeding).
- To correlate cytological findings (Pap smear) with histopathological biopsy diagnosis (where available).

Undergraduate Research Project

05/2022 - Present

- **Topic:** Bone marrow aspiration & Biopsy finding
- **Hypercellular:** Acute Leukemia, Myeloproliferative Neoplasms (MPN), Hemolytic Anemia.
- **Normoblastic:** Iron Deficiency Anemia ya Anemia of Chronic Disease.
- **Megaloblastic:** Nucleo-cytoplasmic asynchrony
- **Hypocellular:** Aplastic Anemia, Post-chemotherapy marrow suppression.

CORE SKILLS

Medical Laboratory Skills

Pathology Biochemistry Microbiology

Sample Collection & Processing Laboratory QC

Quality Assurance (QA) Instrument Handling

Academic & Teaching Skills

Classroom Teaching Academic Presentations

Assessment & Evaluation Academic Documentation

Event Coordination

PROFESSIONAL REFERENCES

- **Dr. Arpita Mishra**
Consultant Biochemistry, Medcover Hospital
Mob. 9673390706
- **Dr. Ashra Nausheen**
Consultant pathologist, Omega Hospital
Mob. 9830877920
- **Dr. S Maqbool Ahmed**
Nodal Officer B voc Program, MANNU
Mob. 9440366462
- **Dr. Umama**
Consultant pathologist, AIG Hospital
mob. 8686526310

LANGUAGES

English Hindi Urdu