

## GUEST LECTURE ON MEDICAL CODING

**Date** : 08-10-2026

**Class** : I, II B.Sc. Hons. Zoology and III B.Sc. Hons. Aquaculture

**Resource Person** : **Mr. MD Suraj Saddam- Operations Manager and Training Team Lead. Smart Minds Academy**

**MD Shabna- Director and Training Team Lead.  
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### **Brief Report:**

The Department organized a **Guest Lecture on “Medical Coding – Certification, Training, Career Opportunities and Placements”** to create awareness among students about medical coding as an emerging career option in the healthcare and allied-healthcare sectors. The resource persons explained that **medical coding is the process of converting medical information such as diagnoses, diseases, procedures, investigations and healthcare services documented in patient records into standardized alphanumeric codes.**

The speakers explained that medical coding training generally covers **anatomy and physiology, medical terminology, pathology, ICD/CPT/HCPCS coding, coding guidelines, practical case studies, assessments and interview preparation.**

A significant part of the session focused on **certification and non-certification pathways.** Students were informed that professional certification, such as **CPC (Certified Professional Coder)** offered by AAPC, can demonstrate coding knowledge and strengthen a candidate's professional profile. Certified candidates may have an advantage when applying for certain coding positions. At the same time, students can begin their careers through **non-certified/trainee pathways**, depending on employer requirements, and may subsequently pursue professional certification after gaining knowledge and experience.

The session also highlighted **placement and career opportunities** in hospitals, healthcare BPOs, medical billing organizations, insurance companies, revenue cycle management companies and healthcare support organizations. Possible entry-level positions include **Medical Coding Trainee, Junior Medical Coder, Medical Coding Associate, Medical Billing Associate and Claims Associate**, with opportunities for progression to Senior Coder, Quality Analyst, Coding Specialist and Team Leader with experience and additional skills.

The programme provided students with valuable awareness of **medical coding, coding systems, training requirements, certification and non-certification pathways, placement opportunities and career growth.** It motivated students to consider medical coding as a **non-clinical healthcare career option** and encouraged them to acquire industry-relevant skills and professional qualifications to improve their employability.

