



NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(PHARMACY INSTITUTE), GREATER NOIDA, U.P. 201306

A Report on Fundamentals of Medical Coding

The Noida Institute of Engineering and Technology (Pharmacy Institute), Greater Noida, organized a short-term certification course for Bachelor of Pharmacy students on the topic “Fundamentals of Medical Coding” from December 11, 2023, to December 13, 2023.

Sixty-five students from the Bachelor of Pharmacy program participated. This **3-day certification course on the Fundamentals of Medical Coding** provided participants with a strong foundation in medical coding principles, equipping them with essential skills to accurately classify diagnoses, procedures, and medical services using standardized coding systems. The course covered **ICD-10-CM, CPT, and HCPCS Level II coding**, along with an introduction to medical terminology, anatomy, and the role of coding in healthcare reimbursement. Through expert-led instruction, hands-on coding exercises, and real-world case studies, participants gained practical knowledge and applied coding guidelines effectively.

The course began with an **introduction to medical coding**, given by **Mr. Pawan Chawla**, Senior Manager, Pharmaleap Pvt. Ltd., where participants explored its significance in healthcare, key classification systems, and the responsibilities of a medical coder. The second and third-day session was organized by **Mrs. Sweta Gupta**, Medical Coder, CodEvo, who **focused on diagnostic and procedural coding**, allowing participants to assign ICD-10-CM codes for diagnoses and CPT/HCPCS Level II codes for medical procedures and services. They also examined how coding impacts medical billing and insurance claims. Further, the focus shifted to coding compliance, regulations, and reimbursement processes, covering claim submissions, coding audits, common errors, and regulatory requirements such as HIPAA and fraud prevention. Participants engaged in a **final coding assessment and hands-on case study**, applying their learning to real-world scenarios.

Throughout the course, interactive discussions, coding exercises, and quizzes reinforced understanding, ensuring participants-built confidence in medical coding practices. Upon successful completion, participants received a **certification in the fundamentals of medical coding**, validating their ability to accurately translate medical records into

standardized codes. This program benefited **aspiring medical coders, healthcare professionals, and administrative staff**, providing them with foundational coding skills for career advancement in the healthcare industry.

