



TEERTHANKERMAHAVER UNIVERSITY

COLLEGE OF PARAMEDICAL SCIENCES

Introducing

Narcotics Drugs and Drugs of Abuse
(Certificate Course)

SESSION- 2022-23

About the Course

Drug abuse and its consequences remain a significant public health issue. An increasing number of individuals are present in the emergency room with life-threatening drug intoxication.

This course will provide students with information on Narcotics drugs, drugs of abuse, analysis of drugs and recent advancement in drug industry. The course will provide students with the opportunity to obtain international certification in this area.

PATRON- Prof. Navneet Kumar, Vice Principal College of Paramedical Sciences

COURSE COORDINATOR - Mr. Ravi Kumar, Faculty of Forensic Science
E-mail-Ravi.paramedical@tmu.ac.in

COURSE FACULTY - Mrs. Chintakayal Purnima

REGISTRATION LINK- <https://forms.gle/zFzvAWyrYWpcrxSb7>

STARTING DATE OF REGISTRATION- 25th January 2023

LAST DATE OF REGISTRATION- 10th February 2023

VENUE- Nursing Building 4th Floor,
College of Paramedical Sciences,
Room No.515

DAY & TIME- SATURDAY 02:00PM TO 03:00PM

Participants: Students from below mentioned colleges / department can enroll in this course-

- *College of Nursing*
- *Department of Physiotherapy*
- *College of Pharmacy*
- *Faculty of Education*

CERTIFICATION CRITERIA-

- 75% attendance is compulsory
- No fee will be charged from students
- Duration of the course is sixteen hours (16 hrs)

After completion of the course, student will receive a certificate by College of Paramedical Sciences, Teerthanker Mahaveer University

Course Code: PVAC-IV	Course Name: Narcotics drugs and drugs of abuse Total Duration: 16 Hours Resource Person: Prof. Navneet Kumar	
CO 1	Understanding the Narcotics drugs and their abuse.	
CO 2	Understanding the ADME of drugs.	
CO 3	Analyzing the narcotics drugs.	
CO 4	Investigating the new Psychoactive drugs.	
Unit-1:	Introduction to Narcotics Drugs Narcotics and Psychotropic Substances, Narcotics, Drug and Cosmetics Act, Classification and Characteristics of Narcotics Drugs.	3 Hours
Unit-2:	Drug of Abuse Drugs and Classification of Drugs, Drugs of Abuse, Drug Addiction, Drug Dependency; Synergistic Effect of Drugs, Drug Trafficking.	3 Hours
Unit-3:	Pharmacology of Drugs- Pharmacological Studies: Absorption, Distribution, Metabolism, Pathways of Drug Metabolism, Mechanism of Action of Drugs,	3 Hours
Unit-4:	General Study Barbiturates, alcohol, Amphetamines, LDS, Heroin.	4 Hours
Unit-5	Recent Advancement in Drugs- Rave Drugs, Doping, Drug Discovery Program, Structural Modification In Drugs, Drug Monitoring Agencies.	3 Hours
Textbook	4. Aggrawal A. Textbook of Forensic Medicine and Toxicology. India ,Avichal Publishing Company.	
References	1. Preliminary Examination of Drugs Used for Committing Drug Facilitated Sexual Assaults. 2. Systematic Extraction and Identification of Narcotic/ Sedative/ Tranquilizer Drugs from Viscera/ Blood/ Urine (Simulated Sample). 3. Reddy K.S.N. (2014). Forensic Medicine 3rd edit. India, Jaypee Brothers	