

DEVA MATHA COLLEGE, KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



Syllabus

ADD-ON COURSE

In

FORENSIC SCIENCE

Academic Year: 2021-22



DEVA MATHA COLLEGE KURAVILANGAD

DEPARTMENT OF CHEMISTRY

Add on Courses offered for Students : 2021-2022

- **Fundamentals of Polymer Synthesis and Characterization Techniques - *for II DC Students***
DMCK/CHEM/AD 03/2021
- **Forensic Science - *for II DC Students***
DMCK/ CHEM/AD 04/2021
- **Preparation and Marketing of Milk Products - *for III DC Students***
DMCK/ CHEM/AD 05/2021

Department Coordinator: Dr. Deepthi John

Title: Fundamentals of polymer synthesis and characterization technique

Instructional Hours: 30

Duration: 6 months

Mode of Instruction: Online and Classroom teaching

Intake Capacity: 50

Eligibility: UG/PG students from Science stream

FORENSIC SCIENCE

In association with www.learntoupgrade.com

Duration 30 hrs

COURSE OBJECTIVES

- To understand the importance of forensic science in crime investigation with respect to Process of Evidence Collection, Preparation & Presentation of Evidences and writing reports
- To understand the different methods of questioned document examination
- To evaluate handwriting and finger print cases

Syllabus:

Module 1: Introduction to Forensics

Basics of Forensic Science, Basics of Forensic Science, Class1 FS

Module 2: Forensic Documents

Module 3: Process of Evidence Collection

Module 5: Preparation & Presentation of Evidences

Module 6: Investigating Handwriting and Fingerprint Cases

Module 7: Writing Reports

Module 8: Fingerprint Developments

About the course:

This course was organized by Deva Matha college, Kuravilangad Kerala in collaboration with learntoupgrade.

Forensic science, or forensics, is concerned with gathering and analysing the evidence from a criminal case with the purpose of revealing the truth. By analysing fingerprints, footprints, blood spatter, traces and remains, forensic scientists seek to reveal the identities of criminals, as well as the complete facts related to criminal events

Career in Forensic Science:

Forensic science is the major study of science and criminal justice. Forensic Science is essentially a crime laboratory-based profession.

What is Forensic science?

Forensic science is the application of scientific knowledge and methodology to criminal investigations and legal problems. Forensic Science is a multidisciplinary subject, it

encompasses various fields of science such as chemistry, biology, physics, geology, psychology, social science, engineering, etc. Forensic science is used every around the world to protect public health, to enforce criminal laws and regulations and to resolve civil disputes.

Scope of Forensic Science

The scope of forensic science study is vast. You can get jobs in various governments & private sectors. The study will improve your skills and knowledge. After completing your degree, you can open your own forensic practice & forensic service offices. You also may employ in Forensic Laboratories, Detective Offices, Banks and other Govt. and private agencies. There are endless opportunities in this field because of unlimited crimes in the world is happening. So, the job opportunities in the field of forensic science are also endless. You can get a job in everywhere in India or in overseas.

Career & Jobs

Due to increase in crime rate and criminals, the scope of Forensic Science is increased exponentially. There are lots of job opportunities in the field of Forensic Science. The need of forensic scientists is huge all around the world, especially in India.

Job Profiles:

Below are some of the top designations in the field of forensic science:

- Investigative officers
- Legal counsellors
- Forensic Expert
- Forensic Scientist
- Crime Scene Investigator
- Teacher / Professor
- Crime Reporter
- Forensic Engineer
- Law Consultant
- Handwriting Expert

Top Recruiters:

Below are some recruiters in the field of forensic science:

- Intelligence Bureau (IB)
- Central Bureau of Investigation (CBI)
- Central Govt. Forensic Sciences Labs

- Hospitals
- Private Detective Agencies
- Law Firms
- Police Department
- Quality Control Bureau
- Banks
- Universities
- Defence/Army

Just after course finished all students were informed some career opportunity in this field and also a very valuable E- certificate was provided to every participant.

. COURSE OUTCOME

Students will be able to recognize diverse aspects of Forensic science, like Process of Evidence Collection, Preparation & Presentation of Evidences, questioned document examination, Investigating Handwriting and Fingerprint Cases and writing reports.

- Students will develop technical and professional skills, competencies, and thought processes sufficient to support further study or work in this field of Forensic Science.

Assessment Procedure: The add on course shall carry 60 marks with 50% Continuous Assessment (equal weightage to Assignment and viva voce) and 50% written examination of 1 hour duration.

Grading

The percentage of marks obtained by a candidate in a course will be indicated in a letter grade. Evaluation of the performance of the student will be rated as shown in the Table.

Letter Grade	Marks %
A	90 and above
B	80-89
C	70-79
D	60-69
E	50-59
RA(Reappearance)	< 50
W	Withdrawn from the examination




Principal
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