

Department of Zoology,
St. Joseph's college (Autonomous), Irinjalakuda, Thrissur, Kerala

in association with

**Best Academy for Forensic Science & Research (BAFSR),
Palakkad, Kerala**

**CERTIFICATE COURSE ON WILDLIFE FORENSICS AND
FORENSIC ENTOMOLOGY, 2021-22**

SYLLABUS/ COURSE CONTENT

Total: 30 Hours

Sl. No.	Topics	Hour
1.	Introduction to forensic science, forensic biology, environmental forensics.	2
2.	Introduction to wildlife, nature conservation, protected and endangered species of animals, reptiles, snakes and plants.	2
3.	Wildlife protection Act, Wildlife forensic expert.	2
4.	Nature conservation, protection of forest from fire and other threats, anti-poaching, census of wildlife population.	2
5.	Identification and examination of physical evidence, chain of custody, DNA analysis.	3
6.	Identification of pug marks of various animals/birds.	3
7.	Introduction to plant and snake poisons, DNA sample and examination.	4
8.	Forensic entomology- Study of insects in wildlife, forensic importance of insects, crime scene investigation- collection at the crime scene; estimating the time since death, the use of insects in death investigations.	3
9.	Expert witness and report writing.	2
10.	Field visit or institution visit*.	5
11.	Evaluation.	2

*Depending on the COVID-19 pandemic situation and protocol.