Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the last five years

Name of the Programme	Name of the Course	Course code	Year of Introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of offering
M.Sc. Forensic Science	Forensic Science	FS 101 T	2023	This course will develop employability skills through crime scene investigation training, courtroom simulations, and internships with law enforcement agencies, entrepreneurial skills by designing innovative forensic tools, developing forensic consulting services, and creating crime prevention mobile apps, and practical skills in forensic analysis techniques, such as DNA and fingerprint analysis, crime scene photography, and expert testimony presentation, preparing students for careers in forensic science, law enforcement, and legal professions.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 102T	2023	This course develops skills in operating analytical instruments like chromatography, spectroscopy, and mass spectrometry, enabling students to analyze substances, detect trace evidence, and solve crimes, with hands-on training in GC-MS, HPLC, and FTIR, preparing them for careers in forensic labs and research institutions.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 103T	2023	This course covers the application of biological principles to forensic science teaching students to analyze biological evidence, interpret results, and present findings in legal proceedings, preparing them for careers in forensic laboratories and crime scene investigation.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 104T	2023	This course applies physical principles to forensic science, covering accident reconstruction, image analysis, and materials failure, with hands-on training in 3D modeling, photogrammetry, and materials testing, preparing students for careers in forensic investigation and accident reconstruction.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 151P	2023	This course develops practical skills for processing and analyzing crime scenes, and applying psychological principles to understand criminal behaviour, including profiling and eyewitness testimony.	2023-2024

M.Sc. Forensic Science	Forensic Science	FS 152P	2023	This course provides hands-on training in techniques like GC-MS, HPLC, FTIR, and spectroscopy to analyze evidence and identify substances.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 153P	2023	This course provides practical skills in identifying individuals based on bones, teeth and hair evidence, using fibre evidence in crime investigation and wildlife forensics.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 154P	2023	This course will apply physical principles to analyze evidence, reconstruct crimes, and test materials, using techniques like 3D modeling, photogrammetry, and materials failure analysis.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 201T	2023	This course will equip skills of analyzing fingerprints, footprints, tire tracks, and biometric data (like facial recognition and iris scans) to identify individuals and link them to crime scenes.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 202T	2023	This course develops skills in analysis of chemical evidences like drugs, poisons, explosives, and trace materials to aid in criminal investigations, using techniques like chromatography, spectroscopy, and chemical analysis.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 203T	2023	This course will provide knowledge about applying anthropological and medical expertise to analyze human remains, determine cause and manner of death, and aid in identification, using techniques like osteology, trauma analysis, and autopsy.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 204T	2023	This course develops proficiency in examining firearms, ammunition, and bullet evidence to reconstruct shooting scenes, identify weapons, and link them to crimes, using techniques like bullet trajectory analysis, gunpowder residue detection, and firearms identification.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 251P	2023	This course develops practical skills in development and comparison of fingerprints, impressions such as footwear impressions, tire impressions, lip prints, ear prints, bite marks and biometrics. It will aid in forensic investigations and identification.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 252P	2023	This course develops practical skills in analyzing chemical evidence like drugs, poisons, and explosives using techniques like chromatography and spectroscopy. It provides practical skills to identify and quantify substances, interpret results, and draw	2023-2024

				conclusions, gaining expertise in chemistry, pharmaceutical analysis, and trace evidence examination to aid in criminal investigations and prosecutions.	
M.Sc. Forensic Science	Forensic Science	FS 253P	2023	This course develops skills in analyzing human remains to determine identity, age, sex, and ancestry, and estimating post-mortem interval. It provides practical skills to examine trauma and injury patterns, conduct autopsies, and analyze medical evidence to reconstruct circumstances of death and aid in criminal investigations.	2023-2024
M.Sc. Forensic Science	Forensic Science	FS 254P	2023	This course develops practical skills in analyzing firearms, ammunition, and bullet evidence to reconstruct shooting scenes, identify weapons, and link them to crimes. It provides knowledge in examination of bullet trajectories, detect gunpowder residue, and compare firearm markings to aid in criminal investigations and prosecutions.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 301 T	2023	This course develops skills in examining and analyzing questioned documents for handwriting identification, forgery detection, detection of alterations and estimating age of documents. It provides expertise in examining computer printouts, Fax messages and xerox documents. It provides mastery in distinguishing genuine security documents from counterfeit documents. It prepares for role as forensic document examiner in GEQD.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 302 T	2023	This course develops advanced knowledge of forensic toxicology, pharmacology, analytical toxicology and clinical toxicology. It teaches identification of poisons and their effects, gives knowledge on pharmacological principles of drugs and poisons, and interpretation of toxicological data. It provides role in hospitals, clinical laboratories, poison information centres, healthcare, medical colleges, and forensic laboratories.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 303 T (ELECTIVE A)	2023	This course develops skills in applying nanotechnology principles to forensic analysis, including nanoscale material analysis and nano-device applications.	2023-2024

M.Sc Forensic Science	Forensic Science	FS 303 T (ELECTIVE B)	2023	This course will develop skills in the principles of microbiology and teaches about various methods used for the identification of microbes. It prepares for role as experts in identification of bioterrorism.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 304 T (ELECTIVE A)	2023	This course develops skills in designing research studies, applying statistical analysis, and understanding intellectual property rights in forensic science research.	2023-2024
M.Sc Forensic Science	Forensic Science	FS304 T (ELECTIVE B)	2023	This course will develop skills in managing forensic laboratories, ensuring quality control, and maintaining a safe working environment.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 351P	2023	This course provides practical skills in analyzing handwriting, signatures, and documents, identifying alterations, and assessing digital evidence.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 352P	2023	This course will provide practical skills in isolation and identification of poisons and drugs, report writing and presentation in the courtroom.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 353 P (ELECTIVE A)	2023	This course provides proficiency in practical application of nanotechnology principles to forensic analysis, including nanoscale material analysis and nano-device applications.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 353 P (ELECTIVE B)	2023	This course develops skills in collection and analysis of suspected microbial cultures, interpretation and presentation of the data in the court room.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 354 P (ELECTIVE A)	2023	This course develops practical skills in designing research studies, applying statistical analysis, and understanding intellectual property rights in forensic science research.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 354 P (ELECTIVE B)	2023	This course provides practical skills in managing forensic laboratories, ensuring quality control, and maintaining a safe working environment.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 401T	2023	This course develops mastery in identification of various body fluids, isolation of DNA and applications in forensic cases for paternity testing, identifying a person, kinship analysis, etc. It provides proficiency in collection and analysis of body fluids and linking the suspect to crime scene. It provides role in clinical laboratories, forensic laboratories, and centres for drug analysis.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 402T	2023	This course develops skills in investigating cybercrimes, analyzing digital evidence, and responding to cyber incidents. This course	2023-2024

				develops skills in understanding the basics of computers and cyber forensics, provides expertise in collecting, preserving and analysing digital evidence, identifies and prevents the cyber related crimes. It provides a job role in banking sector, software companies, legal departments and corporate institutions.	
M.Sc Forensic Science	Forensic Science	FS 403 T (ELECTIVE A)	2023	This course develops skills in detecting and investigating financial crimes, including fraud and embezzlement, using forensic accounting techniques.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 403 T (ELECTIVE B)	2023	This course helps understand the importance and methods of application of principles of linguistics and stylistics in analyzing the audio and video analysis related crime cases. It provides expertise in extracting and analyzing the audio and video evidences in identifying suspects. It prepares for role in police departments, investigation departments, detective institutions, etc.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 451P	2023	This course develops practical skills in analyzing biological evidence, including serology and DNA profiling, to aid in criminal investigations.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 452P	2023	This course provides practical hand on expertise in investigating cybercrimes, analyzing digital evidence, and responding to cyber incidents.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 453 P (ELECTIVE A)	2023	This course provides proficiency in practical methods in detecting and investigating financial crimes, including fraud and embezzlement, using forensic accounting techniques.	2023-2024
M.Sc Forensic Science	Forensic Science	FS 453 P (ELECTIVE B)	2023	This course develops practical skills in analysing the audio, video and image files for identification of person and provides expertise in the analysing both media and provides capability in helping the police personnel in investigation of crimes like kidnapping, theft etc.,	2023-2024