



D Y PATIL INTERNATIONAL UNIVERSITY, AKURDI, PUNE

School of Biosciences & Bioengineering

DEPARTMENT OF FORENSIC SCIENCE

B.SC. (HONS.) IN FORENSIC SCIENCES

Deciphering Truth Through Science: Physical Evidence, Forensic Biology & Cyber Crime Investigation

★ 4-Year Full-Time Honours Degree

UGC 2(f) Recognized State Private University

Approved Intake: 30 Seats

Mock Crime Scene & Courtroom Drills



The Department of Forensic Science at the School of Biosciences & Bioengineering (SoBB), DYPIU, Akurdi, Pune, delivers a comprehensive 4-Year Honours degree in modern criminalistics, physical evidence analysis, forensic biology, toxicology, and digital forensics. Established under Govt. of Maharashtra Act No. VI of 2018 and recognized by the UGC under Section 2(f), the program combines hands-on forensic simulation with rigorous legal methodology, training objective, ethically grounded forensic scientists for crime laboratories, corporate forensics, and judicial administration.

Visionary University Leadership



Hon. Dr. D. Y. Patil

Founder President, DYP Group
Former Governor (Bihar, WB)



Hon. Dr. Sanjay D. Patil

Chancellor, DYPIU Pune
President, DYP Pratishthan



Hon. Shri Tejas S. Patil

Trustee
DYPIU Pune



Prof. (Dr.) Manish Bhalla

Vice Chancellor, DYPIU Pune
FRSC (Royal Society of Chem)

Institutional Vision & Mission

Vision

Creating scientifically sound, highly ethical action leaders in forensic investigation committed to upholding justice, human rights, and the rule of law.

Mission

To impart futuristic education in forensic sciences through simulated crime investigation, advanced forensic biotechnology, cyber forensics, and courtroom testimony drills.

Programme Structure & Intake (2026–27)

Degree Awarded	Bachelor of Science (B.Sc. Hons.) in Forensic Sciences
Department	Department of Forensic Science (In-Charge HoD: Dr. Prafull Chavan)
Duration	4 Years (8 Semesters) Full-Time Optional 5-Year Integrated M.Sc. Pathway
Approved Intake	30 Seats (Guaranteed individual workstation & forensic kit access)
Eligibility	Passed 10+2 / XII (Science - PCM/B/CS) with min 45% aggregate marks (40% for reserved).
Tuition Fee	Rs. 75,000/- per Semester (Rs. 1,50,000/- p.a.) Caution Deposit: Rs. 10,000/- (Refundable)
Practical Focus	Hands-on crime scene processing, expert witness simulation & cyber forensic acquisition.

Academic & Executive Leadership Desk



Dr. Anupama V Patil
Dean, Faculty of Engg. & Tech.

"Our focus is on building strong fundamentals while encouraging hands-on learning, modern laboratories, innovation, and interdisciplinary thinking."



Prof. (Dr.) Ramendra Pati Pandey
Deputy Dean (R&D) & Director, SoBB

"Through crime scene reconstruction and mock courtroom trials, students master rigorous forensic chain of custody."



Dr. Prafull Chavan, Ph.D.
In-Charge Head, Forensic Science

"Our curriculum emphasizes ballistics, forensic serology, and digital evidence acquisition in fully equipped crime simulation environments."

Core Forensic Investigation Pillars

Crime Scene & Dactyloscopy

ALS latent fingerprint lifting, bloodstain pattern analysis (BPA), evidence documentation, footprint casting, and chain of custody.

Forensic Biology & DNA

Serological identification of body fluids, STR DNA typing, touch DNA extraction, and genetic paternity/kinship testing.

Toxicology, Ballistics & Cyber

Narcotic poison isolation, comparison microscopy of firearm striations, hardware write-blocker imaging, and mobile triage.

State-of-the-Art Forensic Laboratories



Simulated Crime Scene Suite: Staged physical crime investigation with ALS illumination.



Forensic Biology Lab: Student conducting biological evidence testing and analysis.

Specialized Investigation Facilities

Simulated Crime Scene Lab

Staged crime suites with forensic ALS lighting and evidence markers.

Dactyloscopy & Documents

Latent print development, optical comparison, and questioned handwriting.

Forensic Biology & DNA

Thermal cyclers, electrophoresis, and serological fluid testing.

Comparison Microscopy

Ballistic striation comparison, tool mark analysis, and fiber examination.

Cyber Forensics Suite

Hardware write-blockers, digital disk forensic imaging, and memory triage.

Chemical Toxicology Lab

Spectrophotometers, chemical fume hoods, and TLC narcotics profiling.

- ✓ **Courtroom Mock Testimony Drills:** Interdisciplinary mock trials in collaboration with DYPIU's School of Legal Studies.
- ✓ **Full-Semester Field Internship:** 8th-semester industry placement across forensic labs, police units, or cyber consultancies.

Investigative Hackathons

Student wins at regional criminalistics competitions, crime scene reconstruction challenges, and digital security hackathons.

Scientific Writing & Field Visits

Regular contributions of analytical forensic essays to *Scinion* magazine; structured visits to Regional Forensic Science Laboratories.

INNOVFEST Laurels: SoBB students winning 1st Prize at Entrepreneurship Summit in DYPIU Auditorium.

D Y PATIL INTERNATIONAL UNIVERSITY
Sector 29, Nigdi Pradhikaran, Akurdi, Pune, Maharashtra – 411044
Admissions Helpline: +91 8600091180 / +91 8600091190 | Email: admission@dypiu.ac.in
Vice Chancellor: Prof. (Dr.) Manish Bhalla, FRSC (vc@dypiu.ac.in)
Dean, Faculty of Engg. & Tech.: Dr. Anupama V Patil (anupama.patil@dypiu.ac.in)
Deputy Dean (R&D) & Director, SoBB: Prof. (Dr.) Ramendra Pati Pandey (dean.sobb@dypiu.ac.in)
In-Charge Head, Forensic Science: Dr. Prafull Chavan (prafull.chavan@dypiu.ac.in)
Official Web: www.dypiu.ac.in/bsc-forensic-science