



National Forensic Sciences University

Knowledge | Wisdom | Fulfilment

An Institution of National Importance
(Ministry of Home Affairs, Government of India)

NFSU
DHARWAD CAMPUS



**INFORMATION
BOOKLET**





NATIONAL FORENSIC SCIENCES UNIVERSITY

National Forensic Sciences University, the erstwhile Gujarat Forensic Sciences University, is the brainchild of Govt of Gujarat. It was established by the Hon'ble Prime Minister of India Shri. Narendra Modiji, then Chief Minister of Gujarat, in 2009 with a sole objective of creating professional experts in the field of forensic sciences. Though the university started with conventional courses related to forensic sciences, university further introduced novel courses which are based on the requirement of the country to solve the issues related to the society. Based on the impressive successes achieved by this university within a short span of thirteen years, the Government of India has recognized its services to the student community and the professionals of the national and international origin, and has accorded the status of Institution of National Importance and also as a Central University in October 2020.

Currently NFSU has nine campuses in India, located in the states of Gujarat, Delhi, Goa, Tripura, Madhya Pradesh, Maharashtra, Assam, Manipur and Karnataka and one campus abroad located in Uganda.

The university comprises various academic schools, departments, research centres and centres of excellence spread across wide range of disciplines including Forensic Science, Cyber Security and Digital Forensics, Behavioural Sciences, Forensics Psychology, Engineering & Technology, Pharmacy, Management Studies, Homeland Security, Police Science and Security Studies, Medico-Legal Studies and Law, Forensic Justice and Policy studies, Doctoral studies and Open learning. Presently, the university offers more than 65 post graduate courses as well as integrated courses. Besides this, it conducts variety of short-term training programs for the officers from diverse fields such as the police, investigating agencies, judiciary, armed forces, banking and financial institutions etc. Consequently, till date NFSU has trained 30,000 officers, including more than 3000 foreign officers from 70 different countries.



Why NFSU?

- It promotes teaching and research to achieve excellence in the field of forensic science in association with applied behavioural science, law, criminology and other allied areas.
- It conducts innovative experiments and develops new methods and technologies in the field of science, technology and management in relation to the domains of investigation, prevention and detection of crimes.
- It provides training, skill-development, research and extension work in forensic science, applied behavioural science, law, legal studies and criminology to all the stakeholders of the criminal justice delivery system of India and abroad.
- The status of INI confers it a national and global outreach allowing it to provide more services in the areas of academics, research, training and consultancy in forensic and allied sciences.
- In order to create skilled manpower in the field of forensic science and criminal investigation it accommodates students across the country without any discrimination.



NATIONAL FORENSIC SCIENCES UNIVERSITY DHARWAD CAMPUS

NFSU Dharwad is the first campus of NFSU in the southern region of India. It has been a long-cherished dream to set up NFSU Dharwad in South India. The Dharwad city is located in the north western part of the Indian state of Karnataka and is an administrative district and educational hub of the state of Karnataka. Hon'ble Union Minister of Home Affairs, Shri Amit Shah laid the foundation stone for the NFSU campus at Dharwad on 28th January 2023. NFSU Dharwad Campus will be constructed on an area of 45 acres 19 gunta of land at Dharwad, Karnataka. NFSU Dharwad campus is established with the objective of strengthening Forensic Science Education in Karnataka and neighbouring states.

As a part of its mission, the University is presently offering four specialized academic programs in the niche areas of Forensic Sciences, Pharmacy, and Cyber Security, namely B.Sc.-M.Sc. Forensic Science, M. Pharm. Forensic Pharmacy, M. Sc. Environmental Science (Specialisation in Environmental Forensics) and B. Tech-M. Tech Computer Science & Engineering (Specialization in Cyber Security). The campus is planning to offer more programs in the coming years. NFSU Dharwad campus also intends to offer short term training programs and need based workshops for police personnel, judiciary, security officials, bankers, chartered accountants, and government officials. The vision is to develop NFSU Dharwad Campus as a "Centre of Excellence" offering education and research opportunities of very high standards in Forensics, Cybersecurity, Pharmacy & Allied Sciences.



Dr. J. M. VYAS

Hon'ble Vice-Chancellor, NFSU

Padma Shri Awardee

"Higher education is that which does not merely give us information but also makes our life harmonious"

Dr. J. M. Vyas is the founder and first Vice Chancellor of unique and highly specialized, "National Forensic Sciences University" (erstwhile GFSU) Gandhinagar (An Institution of National Importance) established by Government of India. He served as Director General of Gujarat Forensic Sciences University (GFSU) from February-2009 to September-2020.

He is the senior-most forensic scientist of the country and possesses vast experience of 50 years of working in forensic field out of which, 27 years as director of forensic science lab. He has served as the member of "The Task Force" for railway safety audit by the Ministry of Railways, Government of India. He has also served as consultant to C.B.I., New Delhi for the establishment of "International Center of Excellence in Forensics Science" (ICFS), Gaziabad.

He has been appointed and remained as the organizing committee member for INTERPOL for three consecutive terms. He is the member of "Governing Council of Association of Indian Universities (AIU)", New Delhi, member of Governing Council of International Institute of Digital Technology (IIDT), Tirupati headed by Hon'ble Chief Minister of Andhra Pradesh, member of "Governing Council of Indian Council of World Affairs (ICWA)", New Delhi headed by Hon'ble Vice President of India. He was invited by "Parliamentary standing committee on Sciences and Technology, Environment, Forests and Climate change", Rajya Sabha Secretariat, Parliament of India for giving his view on various provisions of the DNA Technology Regulation Bill, 2019.



He has many international and national awards to his credits such as “Distinguished International Forensics Scientist Award”, in recognition of leadership and excellence in forensic science and education in the international community by the Henry C. Lee institute of Forensic science, University of New Haven, West Haven, USA, in October 2018, “Lifetime Achievement Award” for outstanding contribution in the field of Forensic and Investigative Sciences at international level by International Association of Police Academies (INTERPA), on 11th February, 2019, Humanitarian Forensics Award”, in recognition with exceptional service in the field of Humanitarian Forensics by International Centre for Humanitarian Forensics (ICHF) on 5th September 2019, “President’s Police Medal” for meritorious services on the eve of Republic Day, in the year 1997, “ Best Forensic Science Laboratory Director of the Country” in 2004, “Lifetime Achievement Award” in the area of forensic Chemistry by Amity University -Uttar Pradesh and All India Institute of Medical Sciences- New Delhi, in October 2008, “Bharat Mata Award” by Indian Institute of Oriental Heritage in 2014 to name a few. Recently, Dr. Vyas was presented with the prestigious “Padma Shri” award which is one of the highest civilian awards of the country, for his distinguished service to the nation in the field of forensic science.

He is globally renowned Forensic Expert who holds large number of publications in various journals of national and international repute.

Message From Vice-Chancellor

It gives me immense pleasure to state that the National Forensic Sciences University with the status of Institution of National Importance (INI) is the world’s first and only university dedicated to forensics and allied sciences. With the motto “Education through investigation”, the University is strengthening the investigative capabilities across the world by its unique academic programs and centers. We will be delighted to welcome all interested in joining us and in fostering an academic atmosphere at our various university campuses. We look forward to seeing you at National Forensic Sciences University and being a part of our family.



Prof. Manjunath Ghate

Campus Director, NFSU Dharwad Campus

Prof. Manjunath Ghate is Professor and Dean of School of Pharmacy at National Forensic Sciences University, Gandhinagar, Gujarat. He obtained his PhD degree from Karnataka University, Dharwad, India. After obtaining a PhD in 2003, He worked for Postdoctoral Research in National Dong Hwa University, Hualien, Taiwan; and Changwon National University, Changwon, South Korea (2003-06).

He worked as a Research Professor at Changwon National University, Changwon, South Korea (2005-06). During his academic career, he has undertaken four projects from the Departments of Science and Technology; SERB- DST, Indo Bulgarian Collaborative project; GUJCOST and DST-FIST.

He has extensive experience of more than 25 years in the field of pharmaceutical science and research. Before joining the University, he was a Dean and Director, at the Institute of Pharmacy, Nirma University, Ahmedabad. He was a visiting professor, at Southwest University, Chongqing, China (2018 - 2020). His primary domains of expertise are design, synthesis of new molecules for Cancer, Tuberculosis and Diabetes.

Message from Campus Director

Welcome to the National Forensic Sciences University (NFSU) Dharwad Campus. It gives me great pleasure to extend a warm welcome to all of you who are considering joining our esteemed institution. As the Campus Director, I am thrilled to have the opportunity to introduce you to National Forensic Sciences University, Dharwad Campus, Karnataka State. Hon'ble Union Minister of Home Affairs, Shri Amit Shah ji laid the Foundation Stone for the National Forensic Sciences University (NFSU) campus at Dharwad on 28th Jan 2023. In the presence of The Then Honorable Chief Minister of Karnataka Shri Bhasavaraj Bommai.

NFSU Dharwad will be built at an area of approx. 45 acres of land at Dharwad. The NFSU Dharwad campus has a plan to create world class Infrastructure towards academics, training and consultancy at Dharwad in a phased manner. At present NFSU Dharwad has started its operations from a transit campus at the Water Resource Management Institute (WALMI) Campus. At NFSU Dharwad our focus is to provide conducive environment for academic excellence, innovation and personal growth. We regularly organise conferences, seminars, workshops and symposia to impart updated knowledge in the field of Forensic Sciences and Cyber Security. Moreover, beyond academics, we offer a rich blend of extracurricular activities, community engagement initiatives, and opportunities for personal development.

We believe in the holistic development of our students, ensuring they graduate not only exceling in academics but also with the character, resilience, and adaptability needed to become socially responsible individuals. Students are encouraged to take part in the curricular, extracurricular and sports activities at the campus to empower individual students to realise their fullest potential and become leaders in their chosen fields. We take pride in our distinguished faculty who are not only experts in their respective disciplines but also mentors committed to nurturing the talents and aspirations of our students. Our curriculum is designed to challenge minds, encourage critical thinking, and instil a lifelong passion for learning. As you browse through this brochure, I encourage you to explore all that NFSU Dharwad has to offer from state-of-the-art facilities to a supportive community, we are committed to providing an enriching educational experience that will shape your future and leave a lasting impact.



DEPARTMENT OF FORENSIC SCIENCE

B.Sc. -M.Sc. FORENSIC SCIENCE (5 YEARS INTEGRATED)

INTAKE

60

ELIGIBILITY

Passed or appeared in 10+2 (or its equivalent) in Science, Physics/Chemistry/Biology/Mathematics with at least 60% for General/OBC/EWS category candidates and 55% or equivalent for SC/ST and PwD category candidates.

MAJOR SUBJECTS

- * Crime Scene Management & Criminal Profiling
- * Fingerprint Science
- * Forensic Psychology
- * Forensic Medicine
- * Questioned Document
- * Forensic Ballistics
- * Forensic Anthropology
- * Forensic Serology
- * Forensic Chemistry & Toxicology
- * Forensic Photography

CAREER OPPORTUNITIES

- Forensic Scientist in FSLs
- Crime Scene Officer
- Forensic Toxicologist
- Questioned Document Expert
- Fingerprint Expert
- Wildlife Forensics Expert
- Forensic Biology Expert
- Academics & Research

FACULTY MEMBERS

Department of Forensic Science



Dr. Saroj Babar, M.Sc., PhD

Assistant Professor

Program Coordinator

Specialization: Cell Biology & Biochemistry

Research Area: Cancer cell Biology, Forensic Biology & Serology



Dr. Priyanka Shah, M.Sc., PhD

Assistant Professor

Specialization: Analytical Chemistry

Research Area: Quantitative bioanalysis, Bioanalytical Chemistry



Dr. Pramod S. Giniwalad, M.Sc., PhD

Assistant Professor

Specialization: Biological Anthropology

Research Area: Biological Anthropology, Forensic Anthropology



DEPARTMENT OF CYBER SECURITY & DIGITAL FORENSICS

B. TECH -M. TECH COMPUTERS SCIENCE & ENGINEERING (CYBER SECURITY)

INTAKE

60

ELIGIBILITY

Passed or appeared in 10+2 (or its equivalent) in Physics and Mathematics as compulsory subjects along with one subject out of Chemistry / Biology /Information Practices /Biotechnology/ Technical Vocational Subjects / Business Studies / entrepreneurship or any other equivalent subjects with a minimum of 60% marks (55 % for SC/ST/PwD category) in the above subjects taken altogether (aggregate) 60% aggregate will be calculated on the basis of marks of Physics, Mathematics and maximum marks secured in Chemistry or Biology or Information Practices or Biotechnology or Technical Vocational Subjects or Business studies or Entrepreneurship or any other equivalent subjects.

MAJOR SUBJECTS

- * Fundamentals of Cyber Security
- * Programming in C, C++, Java, Python and .Net
- * Data Structure
- * Database Management System
- * Computer Networks and Wireless Communication
- * Artificial Intelligence
- * Cryptography
- * Information & Network Security
- * Mobile Phone Security
- * Blockchain Technology and Security

CAREER OPPORTUNITIES

- Cyber Security Firms
- State Forensics Science Labs
- MNC Like Microsoft, Google and Amazon
- Financial Institutions
- Software Development
- Data Science & Analytics
- Cyber Security Analyst
- Network Engineering
- Artificial Intelligence & Machine Learning
- Academics & Research

FACULTY MEMBERS

Department of Cyber Security and Digital Forensics



Dr. Kashinath Chandelkar, M.Sc., PhD

Assistant Professor

Program Coordinator

Specialization: Database systems, Cloud Computing

Research Area: Database Systems, Cyber Security



Dr. Goutam Veerapur, M.Sc., B.Ed., PhD

Assistant Professor

Specialization: Topological indices, Spectral Graph theory,
Chemical Graph theory, Distances in Graphs.

Research Area: Graph theory



Mr. Anil Naik, M. Tech, (PhD)

Assistant Professor

Specialization: Internet of Things and Machine Learning

Research Area: Internet of Things, Wireless Communication
And Education Technology



Mr. Kaushik G. N, M.Sc.

Assistant Professor

Specialization: Cyber Security

Research Area: Incident Response, Digital Forensics,
Ethical Hacking, Mobile Forensics



DEPARTMENT OF PHARMACY
M.PHARM IN FORENSIC PHARMACY

INTAKE

20

ELIGIBILITY

Bachelors of Pharmacy from a recognized university with minimum 55% or equivalent marks or equivalent grade, (50 % or equivalent marks for SC/ST and PwD category).

MAJOR SUBJECTS

- * Forensic Toxicology
- * Advanced Drug and Gene Delivery System
- * Nano-medicines and Nano-Toxicity
- * Research Methodology and Statistics.
- * Controlled and Targeted Drug Delivery
- * Pharmaceutical Biotechnology
- * Development and Characterization of Nanostructures
- * Fundamentals of Pharmacotherapeutics

CAREER OPPORTUNITIES

- Forensic Pharmacy Expert
- Toxicologist
- Drug Analyst
- Pharmaceutical consultant for Law Enforcement
- Regulatory Compliance Officer
- Clinical Forensic Pharmacologist
- Academics & Research



DEPARTMENT OF PHARMACY

M.Sc ENVIRONMENTAL SCIENCE (ENVIRONMENTAL FORENSICS)

INTAKE

20

ELIGIBILITY

Bachelor's degree in environmental science or any discipline of science (except mathematics and statistics) / B.E./B.Tech in Civil, Chemical, and Environmental Engineering and allied branches with 55% or equivalent marks (50 % or equivalent marks for SC/ST and PwD category).

MAJOR SUBJECTS

- * Basics of Environmental Science and Environmental Chemistry
- * Advanced Analytical Techniques for Environmental Science
- * Water Pollution: Monitoring, Control and Treatment
- * Environmental Legislation, EIA and Audit
- * Advanced Separation Techniques for Environmental Science

CAREER OPPORTUNITIES

- Urban or regional Planner
- Water Quality Specialist
- Forest Department
- Environmental Policy Analyst
- Climate Change Analyst
- Conservation Scientist
- Corporate Social Responsibility (CSR) Manager
- Wildlife Biologist
- Environmental Data Analyst
- Academic & Research

FACULTY MEMBERS

Department of Pharmacy



Dr. Manjunath Ghat, M.Pharm., PhD

Professor and Dean, School of Pharmacy, NFSU (HQ)

Specialization: Pharmaceutical Science

Research Area: Design & synthesis of new molecules



Dr. Bhupender Kumar, M.Sc., PhD

Assistant Professor

Specialization: Organic Chemistry, Material Science

Research Area: Synthesis of Novel Organic Molecules



Mr. Basavaraj S K, M.Sc., (PhD)

Lecturer

Specialization: Environmental Science

Research Area: Environmental Science

NON - TEACHING STAFF



Mr. Rajesh C, M.Com.

Assistant Registrar



FACILITIES AT NFSU DHARWAD CAMPUS

COMPUTER LAB



LIBRARY





HOSTEL



CANTEEN





AUDITORIUM



CLASS ROOM





BADMINTON COURT



BASKETBALL COURT





CRICKET GROUND



FOOTBALL GROUND





ACTIVITIES AT NFSU DHARWAD



National Seminar: Trends in Cyber security



Poster Competition During Cyber Crime Awareness Month Celebration October 2023



**Swachhta Hi Seva: Cleanliness Drive at Sub Urban Bus Station,
Dharwad**





FESTIVALS CELEBRATION



Krishna Janmashtami Celebration



Ganesh Chaturthi Celebration



Independence Day Celebration



Onam Celebration



**International conference on
“Recent Trends in DNA Forensics”**



**International Symposium on Cybers Suraksha-
Awareness and Vigilance for Digital Forensics**

Shri Pralhad Joshi
Hon'ble Union Minister of Parliamentary Affairs, Coal & Mines
as Chief Guest at
International Conference on Recent Trends in DNA Forensics



SPORTS AND CULTURAL EVENTS



FOOTBALL MATCH



VOLLEYBALL MATCH



CRICKET MATCH



Cultural Fest NFUSION



Fashion Show



STUDENTS' VISIT TO OTHER INSTITUTIONS



R.F.S.L HUBLI



REGIONAL FORENSIC SCIENCE LABORATORY BELAGAVI



SKILL DEVELOPMENT MUSEUM KLE MEDICAL COLLEGE, BELAGAVI

ICMR NITM BELAGAVI



SUPERINTENDENT OF POLICE OFFICE DHARWAD



DISTRICT ARMED RESERVE FORCE DHARWAD



BHOOMI POOJAN & FOUNDATION STONE LAYING ON 28-01-2023





National Forensic Sciences University Dharwad Campus

WALMI Campus, Near High Court P.B.Road,
Belur Industrial Area, Dharwad- 580011.



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(Ministry of Home Affairs, Government of India)

Contact Us

www.nfsu.ac.in

www.dharwad.nfsu.ac.in

www.nfsu.ac.in/admission

Email id : admissions_dharwad@nfsu.ac.in

Contact No : 9481515684, 8904461262



GUJARAT



DELHI



GOA



TRIPURA



BHOPAL



PUNE



GUWAHATI



MANIPUR



UGANDA

