



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS



75
Azadi Ka
Amrit Mahotsav



National Forensic Sciences University

Knowledge | Wisdom | Fulfilment

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

NFSU TRIPURA CAMPUS



INFORMATION BOOKLET



ABOUT NATIONAL FORENSIC SCIENCES UNIVERSITY



The National Forensic Sciences University NFSU erstwhile Gujarat Forensic Sciences University (GFSU) is the world's first and only University dedicated to Forensic Science and its allied subjects. This unique university was envisioned by the Hon'ble Prime Minister of India Shri Narendra Modi as the then Hon'ble Chief Minister of Gujarat in 2008 to be an institution of higher learning of international standards and to meet the huge shortfall of expert in different fields of Forensic Science across the world came into being on 11th February, 2009 at Gandhinagar Gujarat with the appointment of Dr J.M. Vyas as its first Director General. On 1st October 2020, the Government of India elevated the university into a National University and established NFSU through National Forensic Sciences University Act. Simultaneously, NESU has also been accorded the status of an Institution of National Importance (INI). On upgradation, the erstwhile GFSU has become the Gujarat Campus of NFSLU and the Lok Nayak Jayprakash Narayan National Institute of Criminology and Forensic Sciences (LNIN-NICFS) at Rohini, New Delhi as another campus. NFSU is progressing under the dynamic leadership of its founder Vice Chancellor, Padma Shri Dr. J.M Vyas, globally renowned and senior-most Forensic Scientist of India with a rich experience of five decades in this field. The highest body of the University is the Board of Governors with the Vice Chancellor as its Chairman.

NATIONAL FORENSIC SCIENCES UNIVERSITY - TRIPURA CAMPUS

Inauguration of NFSU, Tripura (transit) Campus as well as the Bhoomi Pujan and Shilanyas of the main Srinagar Campus was done by the Hon'ble Union Home Minister and Minister of Co-operation, Government of India Shri Amit Shah on 8th March, 2022. The Transit campus is the erstwhile old campus of B. Ed. College, Near Buddha Mandir, VIP Road, Agartala, Tripura. The permanent campus will be established at Srinagar area of Tripura on a sprawling 49.21-acre land generously allocated by the Government of Tripura. Presently two programs B.Sc.-M.Sc. Integrated Forensic Science and M.Sc. Forensic Science) with total seats of 90 are being conducted in the transit campus. Unique programs like Drone Forensics, DNA Fingerprinting, Wildlife Forensics, Fraud Investigation, Cybercrime and Digital Forensics, Narcotic Drugs analysis, Criminology, Forensic Food Investigation, Homeland Security and others related to Undergraduate and Postgraduate programs are to be introduced at the NFSU-Tripura campus. In the next 4-5 years more than 30-40 Undergraduate and Postgraduate courses related to Forensic Science and allied branches including Ph.D. courses will be conducted at Tripura campus. NFSU Tripura Campus will also provide training to the Police Officers, Judges, Security Officials, Banker's, CA and Government Officials from Tripura and neighbouring states as well as countries. Centre of Excellence in Narcotic Drugs Analysis, Wildlife Crimes, Cyber Security, Forensic Food Analysis, Nanotechnology, Forensic Anthropology, Toxicological Research Centres will be established at Tripura campus in near future.



MESSAGE FROM THE VICE CHANCELLOR



"It gives me immense pleasure to state that National Forensic sciences University with the status of an Institution of National Importance (INI) is the world's first and only university dedicated to forensic 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 centres. 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."



Padma Shri 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 the Government of India. He served as a 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 a vast experience of 47 years of working in the Forensic field out of which, 27 years as Director of Forensic Science Lab.

He served as a member of Task Force for Railway safety audits by the Ministry of Railways, Government of India. He also served as a consultant to C.B.I., New Delhi for the establishment of "International Centre of Excellence in Forensic Science" (ICEFS), Ghaziabad.

He was appointed and has remained as the Organizing Committee member for INTERPOL for three consecutive terms. He is appointed as a 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 also invited by "Parliamentary Standing Committee on Science & Technology, Environment, Forests & 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 credit such as "Distinguished International Forensic 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 (NTERPA), Turkey on 11th February, 2019, "Humanitarian Forensic Award" in recognition of exceptional services 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, "Life time Achievement Award" in the area of Forensic Chemistry by Amity University-Uttar Pradesh & 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 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 a globally renowned Forensic Expert who holds large number of publications in various journals of national & international repute.

- Padma Shri. Dr. J.M. Vyas, NFSU

MESSAGE FROM EXECUTIVE REGISTRAR



I am honored to extend a warm welcome on behalf of the National Forensic Sciences University (NFSU). As the Executive Registrar, it brings me great joy to share the unique story and essence of our distinguished institution, a beacon of excellence in Forensic Science education, research, and professional training. National Forensic Sciences University stands as a testament to our unwavering commitment to fostering innovation, integrity, and academic excellence. Our university is not merely a place of learning; it is a vibrant community dedicated to shaping the future of Forensic Science in India and beyond. At NFSU, we take immense pride in providing a cutting-edge Infrastructure that mirrors our commitment to providing a world-class education. Our laboratories are equipped with state-of-the-art technology, offering students a hands-on and immersive learning experience. The heartbeat of NFSU lies in the dynamic and inclusive student life that thrives within our campus. Here, students embark on a journey of self-discovery, surrounded by a diverse range of cultural, academic, and extracurricular activities. NFSU stands at the forefront of advancing Forensic Science Education in India.



Our curriculum is carefully crafted to encompass the latest industry trends and methodologies, ensuring that our graduates are well-prepared to meet the challenges of the ever-evolving field of forensic science. Together, let us embark on a journey of knowledge, discovery, and transformative education. Whether you are a prospective student, a dedicated faculty member, or a valued partner, your presence adds to the richness of our academic community.

As an effective administrator with the best conceptual skill, he is a strategic decision maker to run the university efficiently by maintaining high standards. He has vast experience of working as an academic administrator.

He is serving as an Executive Registrar of NFSU, an "Institution of National Importance". He is also a member secretary to various committees and boards to provide leadership, planning, organizing and managing all the activities related to records with regard to registry. He has vast experience of working as an academic administrator. Before serving at the world's first and only Forensic Sciences University, i.e. NFSU from 26 August 2014 and continuing, he had served in the premium institute like the IIM-Ahmedabad at a Higher Position where he had contributed as a researcher in the World Bank Project.

He has 33 years of vast experience of working at premier education institute. All the experiences in the varied field of Academia and Administration made him a proactive professional and a congenial individual to make the Institution world-class.

- SHRI C.D. JADEJA
Executive Registrar - NFSU



MESSAGE FROM THE DIRECTOR



“Established by the Government of India through ACT, 2020 with the objective of fulfilling the acute shortage against the increasing demand for forensic experts in the country and around the world. The Tripura Campus of National Forensic Science Universities holds the torch of enlightenment giving shape to ideas and fostering innovation. In a fast - changing world, along with impact of scientific research, technological development, the nature of crime is rapidly varying. Criminals are using advanced tools and techniques, making it harder for investigative forces. Therefore, this campus envisions in providing advanced solutions to complex problem using legal, forensic and technological tools. The campus is also dedicated to assist students in acquiring industry relevant niche skills. I wish all the best to all prospective students”



Dr. H. K. Pratihari completed his Ph.D. in chemistry from Utkal University. He started his career as a forensic scientist in the State F.S.L., Odisha. He joined as founder Director of State FSL, Imphal, Manipur in the year 1992. Dr. Pratihari was selected to undergo overseas training under United Nations International Drug Control Programme (UNDCP). He is the recipient of the Home Ministry Award, MHA, Govt. of India in 1997 for his valuable contribution in the field of Forensic chemical science. Dr. Pratihari got the lifetime contribution award in 2012 by the Indian Academy of Forensic Sciences and Health Ultimate Research Organization. He joined as founder director in state FSL, Agartala in 2001 to organize and establish a model laboratory in the state and is continuing the same. He is on the one of the senior most forensic scientist in India. He has the credit of publishing a large number of research papers in reputed journals. He has also published a book on Forensic Evidence & Investigation Methods in the year 2022.

- Dr. H.K. PRATIHARI, NFSU, Tripura Campus



DEPARTMENT OF FORENSIC SCIENCE



The Department of Forensic Science, NFSU Tripura Campus has been established with the aim of creating world-class forensic scientists through peerless teaching and training. Since criminals are in a constant state of flux, when it comes to their mode of operation, or types of crimes they commit, the forensic fraternity has to be one step ahead of such criminals to ensure there is no miscarriage of justice. The Department of Forensic Science at NFSU Tripura Campus endeavours to instil recent trends and advances in forensic science, along with discipline and decorum in the minds of its students by being the epitome of excellence in forensic education and research. Through its highly qualified faculty members having experience of having worked in the finest academic institutes of the globe, specifically curated curriculum, and State-of-the-art infrastructure, the Department of Forensic Science, NFSU Tripura Campus has established a sound learning environment. The Department of Forensic Science's entire focus is on making sure that its students learn only the best practices of forensic science, and develop a logical and rational sight that is indispensable and vital in the field of forensics.

The Department of Forensic Science also provides world-class training in various aspects of forensic science to the officers of the Criminal Justice System of India. It endeavours to educate trainees in different facets of crime scene investigation, NDPS cases, etc. so that justice may be delivered.



OUR FACULTY MEMBERS

DEPARTMENT OF FORENSIC SCIENCE



DR. ARPAN DATTA ROY

ASSISTANT PROFESSOR

Email: arpan.dattaroy_tripura@nfsu.ac.in

Highest Qualification: Ph.D. in Physics

Experience : 5+ years

Specialization : Physics

Research Area : Digital electronics, Ballistics, FRET, Developing biosensors, Molecular logic gates, Fabrication of thin films and their application in forensic science.



DR. JYOTI ROY CHOUDHURI

ASSISTANT PROFESSOR

Email : jyoti.choudhuri@nfsu.ac.in

Highest Qualification : Ph.D. in Chemistry

Experience : 5+ years

Specialization : Chemistry

Research Area : Theoretical Physical Chemistry
(Molecular simulation of liquids and drug designing)



DR. BAPI DEY

ASSISTANT PROFESSOR

Email : bapi.dey@nfsu.ac.in

Highest Qualification : Ph.D. in Physics

Experience : 5+ years

Specialization : Electronics

Research Area : Optical and Electrical characterizations of organic molecules onto ultra thin films for their device application like Switching devices, WORM, RRAM memory devices.

OUR FACULTY MEMBERS

DEPARTMENT OF FORENSIC SCIENCE



DR. DEBI RANJAN TRIPATHY

ASSISTANT PROFESSOR

Email : debi.tripathy@nfsu.ac.in

Highest Qualification : Ph.D. in Chemistry

Experience : 5+ years

Specialization : Chemistry

Research Area : Biophysical Chemistry, Molecular Biology, Structural Biology



DR. MONISHA SAMUEL

ASSISTANT PROFESSOR

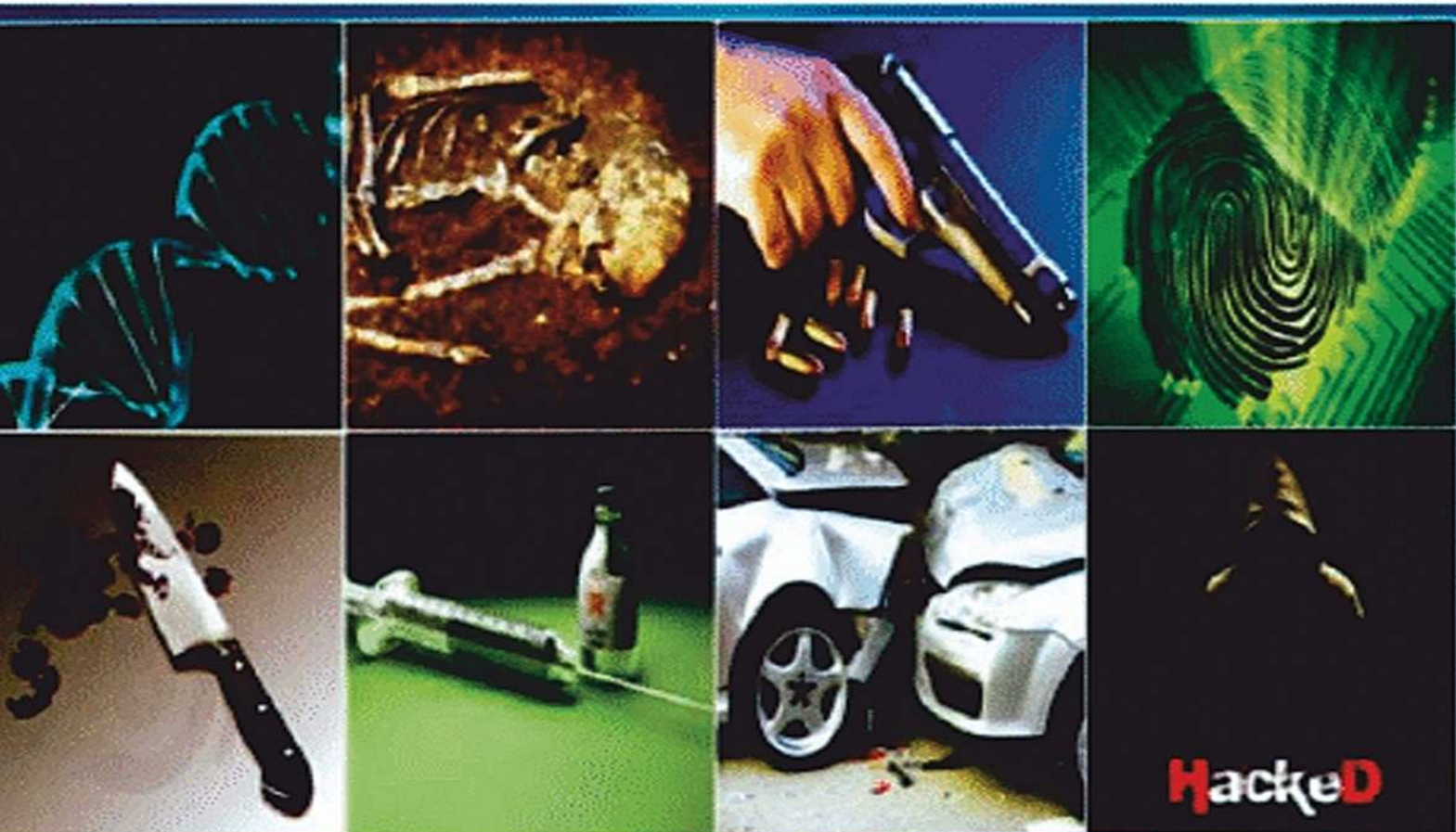
Email : monisha.samuel_tripura@nfsu.ac.in

Highest Qualification : Ph.D. in Biochemistry

Experience : 5+ years

Specialization : Biological Sciences

Research Area : Vesicle biology, wound healing, cell death and apoptosis and their application in Forensic Science



PROGRAMS OFFERED

CRIME SCENE INVESTIGATION

B.SC. – M.SC. FORENSIC SCIENCE

5-years integrated (10 semesters)

Full-Time Course

INTAKE	DURATION	MODE	FEE STRUCTURE
30	5 Years	Full Time	65,000/- per semester + other University fees

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.

Fundamentals of Science

- Basics of Physical, Chemical and Biological Science
- Introduction to Forensic Science



Crime Scene Management

- Introduction to Crime and theories of Crime
- Crime Science evidence and management techniques
- Crime Scene Reconstruction



Fingerprint Science and Questioned Document

- Visualization, development and analysis of Fingerprint
- Examination of altered, forged, disguised and anonymous documents
- Decipherment of secret writing, charred documents, and indentations



Forensic Biology, Serology and DNA profiling

- Forensic Entomology, Palynology, Limnology and Wildlife Forensics
- Collection, preservation and analysis of biological fluids
- Isolation and profiling of DNA from different biological tissues



Forensic Physics and Ballistics

- Collection, preservation and identification of Firearm evidences
- Characterization of glass, paint and soil evidences
- Speaker identification and tape authentication



Forensic Chemistry and Toxicology

- Analysis of narcotic drugs and psychotropic substances
- Fire and explosives investigation
- Forensic analysis of Food adulterants and contaminants



PROGRAMS OFFERED



M.SC. FORENSIC SCIENCE

2-years (4 semesters)

Full-Time Course

INTAKE	DURATION	MODE	FEE STRUCTURE
30	2 Years	Full Time	65,000/- per semester + other University fees

ELIGIBILITY : Bachelor's degree in Science / Forensic Science/ Medicine / Engineering / Pharmacy/Dentistry/Ayush with at least 55% for General/OBC/EWS category candidates and 50% or equivalent for SC/ST and PwD category candidates.

Fundamentals of Forensic

- Need and scope of Forensic Science,
- Roles, functions and responsibilities of Forensic Scientists
- Crime Scene Management



Instrumental Techniques

- Basics and application of spectroscopic techniques
- Fundamentals of Microscopy
- Essentials of Chromatographic techniques



Forensic Physics and Ballistics

- Collection, preservation and identification of Firearm evidences
- Characterization of glass, paint and soil evidences
- Speaker identification and tape authentication



Forensic Chemistry and Toxicology

- Analysis of narcotic drugs and psychotropic substances
- Fire and explosives investigation
- Forensic analysis of Food adulterants and contaminants



Forensic Biology, Serology and DNA profiling

- Forensic Entomology, Palynology, Limnology and Wildlife Forensics
- Collection, preservation and analysis of biological fluids
- Isolation and profiling of DNA from different biological tissues



Allied Subjects

- Introduction to Law and Criminal Justice System
- Psychology, Criminology
- FP & QD, Forensic Statistics, and Photography



DEPARTMENT OF CYBER SECURITY AND DIGITAL FORENSICS



Computer technology has changed the way people do things over the past years, including criminals who have adapted to the information age. Cyber-attacks are increasingly apparent to individuals and organizations across the globe, with threats ranging from hacking to phishing, scamming to grooming, and botnets to cyber-terrorism. The variety and ingenuity of exploits appear to expand constantly.

The increasing incidence of crimes in information and communication systems has created a need for experts in the field of Cyber Security and Digital Forensics. Specialized academic programs can sensitize people to protect themselves from landing in such scenarios and ultimately culminate in expertise. This academia imparts overall security measures required for protection through various misadventures with electronic systems. It provides comprehensive solutions for preventive care and post-traumatic measures to be taken, addresses system vulnerabilities, and outlines preventative measures that may counter cyber-attacks, including steps to repair system weaknesses, prevent repeat occurrences, and collect and examine digital evidence using a variety of digital and mobile forensics tools and technology.

The goal of these programs is to provide learners with essential expert technical knowledge, competence, and research skills in the most important technical concepts of computer science and technology, cyber security, digital forensics, and how they are applied in emerging areas for the benefit of mankind.

◀ OUR FACULTY MEMBERS | DEPARTMENT OF CYBERSECURITY AND DIGITAL FORENSICS



DR. PANEM CHARANARUR ASSISTANT PROFESSOR

Email : panem.charanarur_tripura@nfsu.ac.in

Highest Qualification : Ph.D.

Experience : 5+ years

Specialization : Data communication and cyber security with AI

Research Area: Data communication and security,
Mobile Forensics, Drone Forensics



DR. PRIYA SAHA ASSISTANT PROFESSOR

Email : priya.saha@nfsu.ac.in

Highest Qualification : Ph. D in Computer Science and Engineering

Experience : 5 years

Specialization : Machine learning, thermal image analysis,
biometrics, medical image analysis



DR. MAMPI DEVI ASSISTANT PROFESSOR

Email : mampi.devi@nfsu.ac.in

Highest Qualification : Ph. D in Computer science and Engineering.

Experience : 5+ years

Specialization : Pattern recognition and Image Processing

Research Area: Image Processing, Pattern Recognition, IoT
(Internet of Things), Network Security

PROGRAMS OFFERED

B.TECH. – M.TECH. CSE (CYBER SECURITY)

5-years integrated (10 semesters)

Full-Time Course

INTAKE	DURATION	MODE	FEE STRUCTURE
30	5 Years	Full Time	65,000 (Semester 1 to 6) 90,000 (Semester 7 to 10) + other University fees

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 all together (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.

Fundamentals of Cyber Security

- Mobile Phone Security, Malware Analysis, Cloud Security
- Blockchain Technology, Artificial Intelligence & Language Processing, etc.



Fundamentals of Forensic Science and Cyber Law

- Introduction to Forensic Science, Law and Criminal Justice System
- Acts related to cyber law and security on cyber domains



Engineering Physics

- Laws of Motion, Nature and Properties of Wave Optics, Nuclear Physics
- Basics of Electrical Engineering
- Engineering Graphics



Engineering Mathematics

- Successive Differentiation, Expansion and its Applications,
- Reduction formula, Functions, Elliptic integrals, and Error functions
- Multiple integration, Differential equations and their applications



Computer Programming

- Fundamentals of C
- Object oriented programming with C++, Java and Python



Engineering Chemistry

- Basic chemistry, Atomic and molecular structure
- Basics of organic chemistry



ADMINISTRATIVE STAFF



DR. H. K. PRATIHARI

CAMPUS DIRECTOR

Email : director_tripura@nfsu.ac.in

h.k.pratihari@nfsu.ac.in

Highest Qualification : Ph.D. in Chemistry

Experience : 40+ years



MR. IMTIAZ AHMAD

Deputy Registrar

Email : dr_adm_tripura@nfsu.ac.in

Highest Qualification : M.Sc. in Chemistry

Experience : 15+ Years



MR. P. K. DAS GUPTA

Senior Accounts Officer

Email : dasguptapk2011@gmail.com

Highest Qualification : B.Sc. Physics (Honours)

Experience : 45+ years



MR. SHREEMAN GHOSH

Assistant Finance Officer

Email : shreeman.ghosh@nfsu.ac.in

Highest Qualification : M.Com

Experience : 25+ years

Visitors Diary

I convey my gratitude to Dr. Pratihari and all faculty as well as students of NFSU, Tripura. It is a wonderful experience for me to be here amongst scientists. The students are found to be responding to the questions. The faculty members are very experienced and potential. The premises are neat and clean. Dr. Pratihari is an extraordinary qualified and efficient personality dedicated his life in Tripura to establish TSFSL and now working as Director of this institution also. I convey my gratitude once again to Dr. Pratihari and to the institute as a whole. I hope it will produce efficient scientists in future.

Justice S.C. Das

Chairperson Tripura Human Rights Commission
and Tripura Police Commission

I had the pleasure of visiting NFSU Tripura Campus and I must say it was an incredible experience. As soon as I entered the University Premises, I was greeted with a sense of serenity and an atmosphere filled with knowledge and dedication towards profession.

D.K. Chauhan

IAS Dehradun

It was an honour to interact with the faculty of National Forensic Sciences University, Tripura Campus. Highly impressed with the passion, dedication of the faculty members. Looking forward for more such interactions.

Col. Vinod K Gawde

Deputy Commander 57 Mountain Artillery Brigade

It's an amazing University. It has come up so fast with many facilities. I really appreciate Director & team NFSU Tripura. With best wishes from FSL Manipur.

Dr. S. Joychandra Singh

Director FSL Manipur

I am really impressed by the activities of the NFSU Tripura. They are up to date and moving forward. I wish the success.

Prof. L. Fimate

UGC NET RESULT

Qualified for JRF & Assistant Professor



Aayush Dhaka
Score - 188
(2023)



Jovanna Esther
Score - 178
(2022)

Qualified for Assistant Professor Only



Arghyadeep Debnath
Score - 182 & 174
(2022 & 2023)



Adwaith R
Score - 180 & 180
(2022 & 2023)



Diksha Priyadarshani
Score - 168
(2023)

Glimpses of Activities



World Environment Day



Visit of Bihar Police Personnel at NFSU Tripura Campus



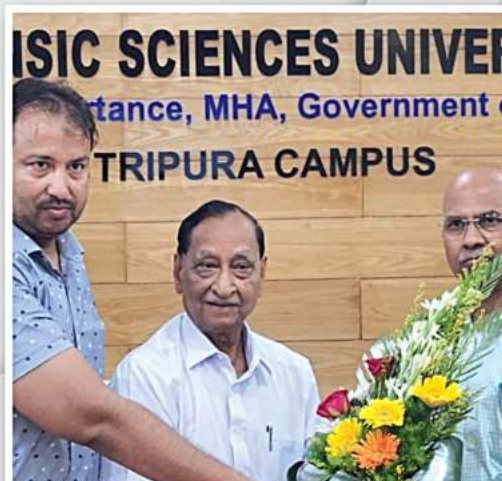
ADGP Tripura Police addressing in a Seminar



Moment of one day workshop on NDPS



Invited talk by Prof. Hussain, Tripura Central University



Invited talk by Former Finance Officer, TU (Central)

Glimpses of Campus Life



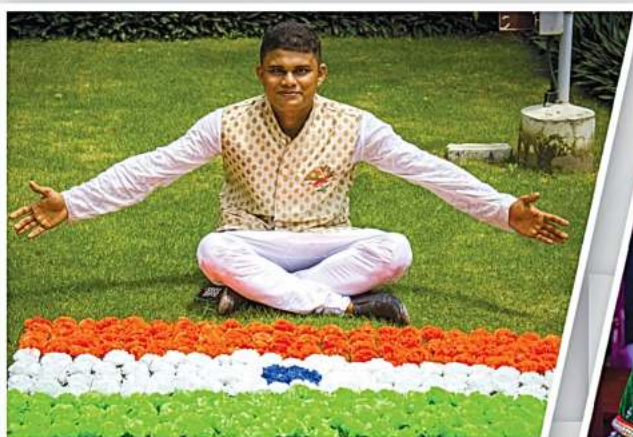
Inspiring the Future : A tribute to remarkable educators on Teachers' Day



Bridging Boundaries, Inspiring Harmony



Savoring Every Bite at Canteen



Celebrating Independence Day



A Kaleidoscope of Cultures

Glimpses of Activities



Unleash the Champion within : A Week of Sports Spectacular!



Unleashing the power of Physics at Lab



Students at NFSU-Gandhinagar (Head Quarter)



Students at Biology Laboratory.



Students at Cyber Security Lab



Rejoicing in the spirit of Holi



Students at Chemistry Lab

Glimpses of Activities



Students of NFSU-Tripura Campus at AIFS Conference 2023 at NFSU Gandhinagar (Head Quarter)



Witness the Magic of Culture



Saraswati Puja at Campus



Ganesh Puja at Campus

Glimpses of Activities



Inauguration of NFSU - Tripura Campus by Hon'ble Home Minister, Govt. of India



Bhumi Pujan at site for permanent Campus of NFSU - Tripura



Staff members of NFSU Tripura Campus



National Forensic Sciences University

(Tripura Campus)

VIP Road, Radhanagar, Adjacent to Buddha
Mandir, Agartala-799001, Tripura (West) India



**National Forensic
Sciences University**

Knowledge | Wisdom | Fulfilment

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



Website: www.nfsu.ac.in

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www.in.linkedin.com/company/nfsu

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Success is not an event, it's a continuous process