



NFSU BULLETIN

ISSUE NO. 1/2021 : JAN-2021

A NATIONAL FORENSIC SCIENCES UNIVERSITY NEWSLETTER

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Shri Pradeepsinh Jadeja, Hon. Home Minister of Gujarat greeting DR. J.M.Vyas, Hon. Vice Chancellor on establishment of NFSU on 1st October 2020.

MESSAGE FROM DR. J.M. VYAS, HON. VICE CHANCELLOR

It has now been well established the world over that the field of Forensic Science has an infinite potential. Our Hon. Prime Minister, Shri Narendra Modi could visualise this unique opportunity well before anybody else and went on to establish the world's first Forensic Science University in 2009. I consider it as God's blessings and a great privilege that the task of establishing Gujarat Forensic Sciences University (GFSU) was bestowed on my shoulders.

We have come a long way since then. Making a humble beginning of GFSU with launching just five P.G. courses from the office complex of the Directorate of Forensic Science at Gandhinagar, today we have become a national university, designated as an 'Institution of National Importance', and are housed in a tailor-made infrastructure for a forensic university. It has been a huge task but so has been the enthusiasm and effort of our team. One thing was very clear in our mind that it had to be a technology driven university with complete focus on improving the existing techniques of crime investigation, thereby bringing in overall improvement in the criminal justice system of the country. Accordingly, besides studies, we embarked upon global academic collaborations, offering expert consultancy to government as well as private agencies, and training officials from across the world. Now, we will proceed even a step further by setting up centres and campuses of NFSU across the country and in the friendly foreign countries.

When you choose such a huge mandate for yourself, it is very important that the wide-ranging activities, research work, innovations and achievements are shared with the rest. It plays a major role in spreading the awareness about NFSU, thereby providing an opportunity to various agencies to tap the capabilities of the university. Besides this, it is also a platform for motivating the students and faculty members to excel. I am very happy that a university's newsletter, 'NFSU Bulletin', is being launched. My compliments to the Editorial Team for taking this initiative in such a short time and hope that it will very well serve its purpose in the years to come.

ESTABLISHMENT OF NFSU



1st October 2020 is a red letter day for expansion of expertise in the field of Forensic Science in the country. It marked the elevation of the world's first and only Forensic Sciences University, Gujarat Forensic Sciences University (GFSU) into a national university with a status of an Institution of National Importance (INI). It was culmination of a long term vision, sustained performance and a dedication of many, led from the front by its founder Vice Chancellor, Dr. J.M. Vyas.

It was a chilling winter of December 2015 at Dhordo, The White Desert of Kutch in Gujarat where a 3-day All India Conference of Director Generals of Police was in progress. Hon'ble Prime Minister of India, Shri Narendra Modi laid out his vision and emphasised about the importance of forensic investigation in smart and sensitive policing. As Dr. J. M. Vyas, Director General of Gujarat Forensic Sciences University, gave a presentation during the conference highlighting the activities and accomplishments of GFSU, there was a serious consideration to upgrade GFSU from a State University to a National University. In the following months, several rounds of meetings and deliberations took place between the Ministry of Home Affairs (MHA), Government of India (GoI), and Government of Gujarat, leading to a proposal to elevate GFSU as a national level university with the status of "Institution of National Importance" (INI). The GoI was already considering to

strengthen forensic capabilities in the country by establishing a national institution. In order to ascertain the feasibility of upgrading GFSU as a national institution in terms of adequate infrastructures and requisite credentials, on 1st October 2019, a team of MHA, Govt. of India comprising concerned Joint Secretary, Director, and a representative of Lok Nayak Jayaprakash Narayan National Institute of Criminology and Forensic Sciences (LNJN NICFS) at New Delhi visited GFSU campus. After a detailed presentation, discussions and visit, the team was satisfied with its infrastructure, credentials and work culture. On the basis of its recommendations, MHA, GoI decided to elevate the GFSU to a national university. On 23rd March 2020, "The National Forensic Sciences University Bill, 2020" was introduced in Lok Sabha by the Minister of State for Home Affairs, Shri G. Kishan Reddy to combine GFSU and LNJN NICFS to establish National Forensic Sciences University (NFSU) with the status of INI. Though the bill was tabled on 23rd March 2020, it could not be discussed as Parliament session was adjourned due to COVID-19 pandemic. After six months, when the monsoon session of Parliament started, the bill was taken up for consideration. Under the guidance of Dr. J.M. Vyas, a university team comprising Dr. S.O. Junare (Director of Institute of Forensic Science and Institute of Management & Training, GFSU), Shri C.D. Jadeja (Registrar, GFSU) and Dr. Satish Kumar (Associate Professor, GFSU) conducted presentations to sansitise and offer clarifications to the Members of Parliament about proposed NFSU. The Bill was passed in the Lok Sabha on 20th September 2020 and in the Rajya Sabha on 22nd September 2020. After the President of India accorded his assent on 28th September 2020, "The National Forensic Sciences University Act 2020" came into being as an Act No. 32 of 2020. This was promulgated in the Gazette of India on the same day and subsequently, through another Gazette notification of 30th September 2020, NFSU was officially established on 1st October 2020 under the visionary leadership of Dr. J.M Vyas as its first Vice-Chancellor.

GANDHINAGAR CAMPUS OF NFSU



Launching of First Courses of GFSU on 25th August 2009 by Shri Narendra Modi, the then Hon. C.M. of Gujarat. Also present were Shri Amit Shah, the then Hon. H.M. of Gujarat, Dr. J.M. Vyas, Hon. D.G. of GFSU and other dignitaries

World's first and only Forensic Sciences university, Gujarat Forensic Sciences University (GFSU) was envisioned by the then Chief Minister of Gujarat and the current Hon'ble Prime Minister of India, Shri Narendra Modi to be an institution of higher learning of international standard to produce experts in different fields of Forensic Science. It was established by the Government of Gujarat through an Act passed by the Gujarat Legislative Assembly on 30th September, 2008 and came into being on 11th February, 2009 at Gandhinagar, the capital city of Gujarat with the appointment of Dr. J.M. Vyas as its first Director General. On its upgradation from GFSU to the National Forensic Sciences University (NFSU), it has become the Gandhinagar Campus of the NFSU. Within a short span of eleven years, today it offers 46 specialised Post-Graduate courses covering every branch of Forensic Science and allied subjects. It has also entered into academic collaboration across the world with more than hundred multi-disciplined institutions. One of its unique features is that it conducts number of special Training Programmes, including for 68 friendly foreign countries. Another special feature is that it offers expert consultancy in setting up or upgrading various laboratories in the country as well as abroad. The University boasts of some state-of-the-art infrastructure, such as Cyber Defence Centre (CDC), Ballistics Research Centre & Testing Range, Centre of Excellence for Narcotics Drugs and Psychotropic Substances (NDPS) and the first-ever International Centre for Humanitarian Forensics (ICHF) in collaboration with the ICRC.

NEW DELHI CAMPUS OF NFSU (ERSTWHILE LNJP-NICFS)

The LNJP-NICFS campus located in Rohini, New Delhi has become a distinct campus of NFSU after establishment of the National Forensic Sciences University on 1st October, 2020. It was established in the year 1972 by the Government of India under the aegis of BPR&D, following the recommendations of UGC to set up a central institute for promoting Criminology and Forensic Science pursuant to UNESCO Resolution 1955. In 1976, it became an independent department and started functioning as CPO under the Ministry of Home Affairs. In 1991, the Institute was upgraded as a National Institute and in 2003, it was renamed as Lok Nayak Jayaprakash Narayan National Institute of



Criminology & Forensic Science. The Institute has two active campuses, both in Rohini area of New Delhi. Its prime objectives are to act as a Nodal Centre of NFSU towards advancement of the study in the field of Criminology & Forensic Science and to act as a centre of in-service training for officers engaged in the Criminal Justice System & Correctional Services. Accordingly, it offers 2-year Post-Graduate programmes. In addition, it offers P G Diploma courses and short term courses for in-service personnel in Forensic Physics, Ballistics, Chemistry & Toxicology, Forensic Biology, Serology and DNA profiling. It also provides consultancy services and serves as a hub of training for Judges and Police officials from around the world.

EVENTS : INAUGURATION OF NFSU



The inauguration ceremony was held at the main foyer of the university on 1st October 2020 in the presence of Hon. Vice Chancellor, Dr. J. M Vyas, all the faculty members, staff and research students. All the personnel participated in the 'Maha Aarti' and prayed for the prosperity and growth of NFSU. Later, in another event held at the University Auditorium, Dr. S.O. Junare addressed the staff and students, outlining the genesis of the university and paid tributes to the past and present university staff who had contributed in the establishment of this unique institution. A specially made video about GFSU was also screened. Finally, the Hon. Vice Chancellor, Dr. J.M. Vyas addressed the gathering, highlighting the role of NFSU and the new responsibilities assigned by the Government of India towards expanding the expertise across the country, setting up campuses within and outside the county, bringing in innovations, undertaking research, and contributing in improving in particular, the criminal justice system, and in general, the national security. The event came to an end with a cup of tea and refreshments.

FIFTH & LAST CONVOCATION OF GFSU



5th Convocation for 2018-20 batch of the erstwhile Gujarat Forensic Sciences University (GFSU), now NFSU, was held in a virtual mode on 26th November 2020. The Chief Guest was the Hon'ble Education Minister of Gujarat, Shri Bhupendrasinh Chudasama and the ceremony was presided over by Dr. J. M. Vyas, Hon'ble Vice Chancellor of NFSU. A total of 5 students were awarded Ph.D. degree and 812 students were awarded Masters degree in the e-convocation.

PARTICIPATION IN 'FORENSICS MIDDLE EAST & AFRICA'

The University partnered in the international event, 'Forensic Middle East and Africa' that was held in a virtual mode from 12th to 14th October 2020. Dr J. M. Vyas, the Hon'ble Vice chancellor of the University delivered a keynote address on 'Preventive Forensics' on 13 October 2020. Forensic Subject Matter Experts (SMEs) covered a wide spectrum of Forensic topics and number of faculty members from NFSU participated in the event.

PARTICIPATION IN INTERPA EXECUTIVE BOARD MEETING

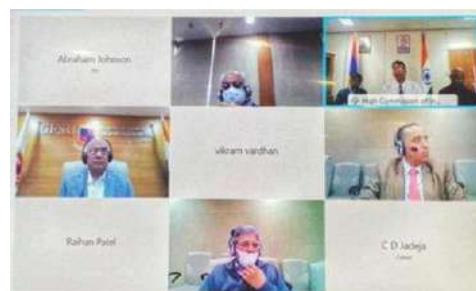
The University was invited to 18th Executive Board and General council meeting in the 9th Annual INTERPA Conference virtual event held this year from 11- 13 December 2020. The University presented a paper on 'Drone Forensics: Way Ahead' under the sub-theme "Implementation of New Technologies in Criminal Investigations" in the conference entitled; "Challenges of Police Academies for the Near Future" on 12 October 2020.

RECORD NUMBER OF INTERNATIONAL ENROLMENTS

A major restructuring in the University took place with the elevation of University to a Central status in October 2020. The University International Cell has been upgraded to a full-fledged Centre with an enhanced charter of duties. The Centre successfully steered the admission related formalities of international students and assisted them in admission process. As a result, a total of 94, international students have taken admission in the academic session beginning in the year 2020 and more international students are expected to join in the near future. The Zimbabwe President Scholarship Department, Harare has sponsored 45 professionals for post graduate and doctoral studies this year.

VIRTUAL MEETING WITH HIGH COMMISSIONER OF INDIA AT PORT LOUIS

NFSU officials held a Virtual meeting with High Commission of India, Port Louis for strengthening Forensic Sciences and Cybersecurity on 29th December, 2020.



RESEARCH PAPERS IN INDIAN JOURNAL OF CRIMINOLOGY & CRIMINALISTICS (IJCC)

Number of Research Papers and articles by faculty members of NFSU have been published in the latest issue of 'Indian Journal of Criminology & Criminalistics'. Dr. Minakshi Sinha, Hunny Matiyani, Garima Puri, Deepak Raj Rao, and G Kumarshankar Raychaudhary of New Delhi campus of NFSU, the erstwhile LNJP-NICFS, have made four contributions. Similarly, a Research Paper by Dr. Surbhi Mathur and her Research Scholar, N.K. Manaswini from Gandhinagar Campus of NFSU, the erstwhile GFSU, has been published in this prestigious journal.

TRAINING IN ACCESSING VARIOUS LIBRARY PORTALS

Mrs Sheela Devi, Librarian at New Delhi campus of NFSU, the erstwhile LNJP-NICFS, trained researchers and students on how to access IJCC and other scientific literature through SCC online, EBSCO and ProQuest from 16th to 22nd December 2020.

NEWS

CELEBRATION OF CYBER SECURITY AWARENESS MONTH



In line with globally observed 'Cyber Security Awareness Month' in October of every year, the Gandhinagar Campus of the NFSU organized a Series of events including webinars, talks on All India Radio and painting competitions. The webinars covering following topics were broadcasted through YouTube and so far more than 2000 viewers have viewed them. Expert lectures on like Fake news detection and verification, Cybersecurity and Financial Fraud and Remedies for Cybercrime Financial Fraud Victims were delivered by Prof. S.O.Junare, Prof. Naveen Chaudhary, Dr. Parag Rughani, Dr. Digvijaysinh Rathod, Dr. Dharmesh Dave, Mr. Nilay Mistry, Dr. Haresh Barot delivered expert talk during various sessions. National Forensic Sciences University, Gandhinagar Campus had also organized a poster Competition on the same theme for the Students of National Forensic Sciences University.



VISIT BY HON'BLE M.P. FROM TRIPURA (WEST)

Ms. Pratima Bhoumik, Hon'ble Member of Parliament from Tripura (West) visited National Forensic Sciences University on 28th November 2020.



VISIT BY SENIOR PROGRAMME DIRECTOR, ICCR

Shri Awanish Tiwari, Senior Programme Director, Indian Council For Cultural Relations visited NFSU and expressed necessity of mutual activities and appreciated success.



Dr. Pranav Dave, Asst. Professor at NFSU is conducting course on Forensic Journalism.

FIRST TIME IN ASIA - COURSE IN FORENSIC JOURNALISM LAUNCHED

In the year-2020 when India is celebrating 100 years of Media and Journalism Education, a unique 'Certificate Course in Forensic Journalism' was launched by our Hon. Vice Chancellor Dr. J. M. Vyas. This is the first course in the entire Asia. This six month's certificate course imparts professional expertise in the field of Forensics and Journalism. The unique synergy of Forensic and Journalism will enhance 'Ethical Journalism' through scientific study. It prevents misleading or Fake News and encourages perfect and accurate reporting. It also covers all the issues related to verifying the truthfulness of the news.

EXPERT TALKS ON AKASHVANI

Special talks of NFSU faculties were broadcasted on Akashvani Ahmedabad-Vadodara Kendra (Radio Station) in two sessions as follows:

1. Cyber Crimes against Women and Children by Dr. Parag Rughani & Mr. Nilay Mistry on 22nd October at 9:30 AM.
2. Online Financial Frauds by Dr. Digvijaysinh Rathod & Dr. Haresh Barot on 23rd October at 9:30 AM.

POSTER COMPETITION ON "WORLD ANATOMY DAY"



Faculty of Forensic Odontology had organized a poster competition to celebrate "World Anatomy Day" on 15th October 2020. The winners of the competition were awarded with cash prizes.

KNOWLEDGE COLLABORATIONS

MoU between University of Nebraska-Lincoln and NFSU



The University of Nebraska-Lincoln and National Forensic Sciences University, India signed a Memorandum of Understanding (MoU) virtually on for developing academic exchanges and cooperation in teaching and research in the areas of forensic anthropology and odontology activities. This MoU creates unique research opportunities for research, student exchange, and faculty exchange for teaching in a variety of mutual areas of interest such as forensic

anthropology, forensic archaeology, and forensic odontology.

The University has also successfully concluded three MoUs in this unprecedented time with its international partners that include a MoU with University of Dhaka, Bangladesh, and Intelligence Research Institute (IRI), San Diego, USA.

IMPORTANT ACTIVITIES

Exhibition on NFSU at Dhordo, Kutch on 12-13 Nov. 2020



NFSU had put up an exhibition as a part of the Border Area Development Programme which was inaugurated by Shri Amit Shah, Hon. Home Minister at Dhordo, Kutch on 12th November, 2020. NFSU showcased its activities of academics in specialised subjects, conduct of training programmes, undertaking of consultancy,

entering into Knowledge Sharing, and most importantly, certain technologies and kits used for Border Security. The visitors, comprising all the functionaries, border police and public representatives from all the border districts of Gujarat, were explained about the activities being undertaken by NFSU.

EXPERT SESSION SERIES ON ENTREPRENEURSHIP & OPPORTUNITIES

NFSU-SSIP (Forensic Innovation Center) has started expert session series on startup and entrepreneurship ecosystem. This lecture series will involve expert sessions from owners, managers, CEOs of various startup companies which are rapidly growing. This experience sharing from experts is providing a unique opportunity to our current students to understand the challenges in startup functioning, opportunities

available in current scenario and basic principles of successful transformation of lab innovation to commercial products. Ms. Shikha Singh Chauhan, Owner of SOHA ORGANICS (New Delhi based organic food processing and distribution company with market presence across India) who is also our own alumni from Food Forensics (2017 Batch) has delivered the first expert session on 31st December 2020.

SEMINAR / CONFERENCE / WORKSHOPS

INVITATION AS RESOURCE PERSON FOR WEBINARS ON BEHAVIOURAL SCIENCE

Dr. Biswajit Dey, Asst. Professor, was invited as a Resource Person for Webinars on "Single Parenting and Mental Health Challenges of their Children" conducted by Mansa Global Foundation for Mental Health on 10th October 2020, and on "Psychological Well Being of Parents having Children with Intellectual Disability" conducted by National Institute for the Empowerment of Persons with intellectual disability, Kolkata on 29th December, 2020.

Dr. Ravikesh Tripathi, Asst. Professor, was invited as a Resource Person for a Webinar on "A Battery to Evaluate Deficits in Behavioural, Emotional, Neuro-Cognition using Holistic Approach (BED-BENCH) in forensic population" held at NIMHANS, Bengaluru on 15th & 16th October, 2020.

ACHIEVEMENTS



Dr. P. Maity

Dr. Prasenjit Maity, Associate Dean, School of Engineering & Technology, Has delivered an invited talk on Luminescent Nanostructure and Nano-assemblies for Forensic Application at International e-Conference entitled "Advances in Science and Technology for Betterment of Health, Environment and Energy" on 1st to 3rd December, 2020 at GITAM School of Science, Bengaluru Campus.



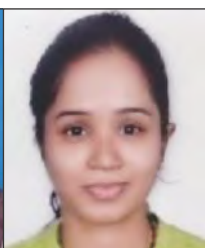
Dr. Abraham Johnson

Dr. Abraham Johnson, Asst. Professor for Forensic Odontology, was conferred with the "3D Technology Assisted Forensic Odontologist of the Year" at the 3D GRAPHY Medical Awards 2020 on 5th December 2020 for his commendable research works in the area of 3D forensics.



Mr. Pratik Kulkarni

Mr. Pratik Kulkarni, a Research scholar has delivered an invited oral presentation on "Niosomes as a bilayer nanocarrier for combinative drug delivery" at a reputed international conference series of Cancer Summit, United Research Forum, London, UK on December 07-08, 2020.



Dr. Anju Thomas & Dr. Sraddha Singh

Dr. Sraddha Singh & Dr. Anju Thomas (M.Sc. Forensic Odontology, Semester-II) stood First for the National level Virtual PG E-Poster Competition in Forensic Odontology for their presentation on Geometric Morphometric analysis for sex determination using Lateral Cephalograms in Indian population under the guidance of Dr Abraham Johnson that was organized by Yenepoya Dental College in association with Indian Association of Forensic Odontology among 185 registered participants.



Ms. Shruti Patel

Ms. Shruti Patel a newly admitted Research scholar has delivered an invited talk on "Conversion of waste Jute Fibers (Lignino-cellulosic Polymer) into an Effective Adsorbent Material and Application for Cationic Dye Removal" at International online conference on macromolecules (ICM 2020) 13th - 15th November 2020, jointly organized by Gdansk University of Technology, Gdansk, Poland and Mahatma Gandhi University, Kottayam, Kerala, India.



SCHOOLS OF HIGHER LEARNING

- SCHOOL OF DOCTORAL STUDIES & RESEARCH
- SCHOOL OF CYBER SECURITY & DIGITAL FORENSICS
- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF BEHAVIOURAL SCIENCE
- SCHOOL OF FORENSIC SCIENCE
- SCHOOL OF PHARMACY
- SCHOOL OF MANAGEMENT STUDIES
- SCHOOL OF OPEN LEARNING

CENTRES / CELLS / INSTITUTES

- TRAINING INSTITUTE
- CYBER DEFENCE CENTRE
- BALLISTICS RESEARCH & TESTING CENTRE
- COE FOR NARCOTIC DRUGS AND PSYCHOTROPIC SUBSTANCES
- CENTRE FOR FUTURISTIC DEFENSE STUDIES
- CENTRE FOR INTERNATIONAL RELATIONS
- FORENSIC INNOVATIONS CENTRE
- BUDDHA PSYCHOLOGICAL CENTRE
- INTERNATIONAL CENTRE FOR HUMANITARIAN FORENSICS
- STUDENTS' PLACEMENT CELL
- PUBLICATION CELL



National Forensic Sciences University

Knowledge | Wisdom | Fulfilment

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

