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A NATIONAL FORENSIC SCIENCES UNIVERSITY NEWSLETTER

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'PADMA SHRI' AWARDED TO DR. J.M. VYAS VICE CHANCELLOR, NFSU



Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU, has been bestowed with one of the highest civilian awards of the country, 'Padma Shri', by the Government of India in recognition of his distinguished contribution to the nation. An announcement made on the eve of the Republic Day, 26th January 2022, brought in a great sense of pride, achievement and recognition amongst the Forensics fraternity as well as academia of the country and abroad. He is the first forensic scientist of the country and one of the few Vice Chancellors to be conferred with this prestigious award.

Born on 6th November 1951, Dr. Vyas hails from Junagadh in Gujarat. He joined the Gujarat's Directorate of Forensic Science in 1973, rose to be its Director in 1993, and since 2020, appointed as its Director General. Over the years, Dr. Vyas has specialised in varied branches of forensic science and undertaken innumerable scientific investigations of heinous crimes in the country. Equally significant contribution has been as a pioneer in the vital area of professional forensic education for the FSL staff, officials from police, judiciary and prosecution, to name a few. His vast experience of 48 years makes him the senior most serving Forensic Scientist of the country.

In 2009, Dr. Vyas took up the major challenge of translating the vision of the Hon'ble Prime Minister, Shri Narendra Modi, of setting up the world's first forensics university. In the absence of any such university in the world, he developed his own structure to create a state-of-the-art, skill based institution of higher learning of international standard. Adopting a novel approach, Dr. Vyas focused on handling live cases, introduced training for serving officials, initiated consultancy for capacity building and undertook wide-ranging collaboration. Since inception, he has been at the forefront of this university, leading to its upgradation as the national university and recognition as an 'Institution of National Importance' (INI) by the Government of India.

On becoming NFSU, Dr. Vyas has not only got its first campus running in New Delhi but also established campuses in Goa and Tripura. Plans are afoot to set up more campuses in other states and abroad too. Continuing in a Mission Mode, Dr. Vyas has also started number of dedicated schools and Centres of Excellence. Today, NFSU boasts of 70 specialized P.G. courses being run in every possible branch of the forensic science and its allied subjects. Needless to mention, Dr. J.M. Vyas has revolutionised the forensics arena in India.

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IMPORTANT EVENTS

NFSU HOSTS INTERNATIONAL SUMMIT ON HUMANITARIAN FORENSICS



International Centre for Humanitarian Forensics (ICHF), established jointly by ICRC and NFSU, organised the International Summit on Humanitarian Forensics - 2021 on 1st – 2nd December 2021 at NFSU. During the Inaugural Session, Welcome Address was delivered by Mr. Jan Miskoc, Acting Head of Regional Delegation, ICRC New Delhi. Keynote address was given by Dr. J.M. Vyas, Hon'ble Vice-Chancellor, NFSU. The Presidential Address was delivered by the Chief Guest, the Hon'ble Justice Ravi R. Tripathi, Chairperson of Gujarat State Human Rights Commission. The Vote of Thanks was given by Prof (Dr.) S. O. Junare, Campus Director, NFSU. During the two-day long conference, there were 12 sessions with 3 sub-themes. First session was on 'Geopolitical and socio-cultural consideration in the Management of the Dead'. In this, presentations on sub-themes were made by Dr. S Venkata Raghava, Professor, Bangalore Medical College and Research Institute, Dr. Pramod Shrestha, HoD, Department of Forensic Medicine, Nepalese Army Institute of Health Sciences Nepal, Dr. Vina Vaswani, Professor, Yenepoya University, Mangalore, and Dr. Melahat Elif Gunce Eskikoy, Co-Head ICRC-NFSU, ICHF. The Chairpersons for the session were Dr. Dharmesh Silajiya, Dean, School of Forensic Sciences and Air Commodore K.R Thaakar, Dean, School of Police Science & Security Studies.

The theme for the Second session was 'Conceptualization of database management for successful forensic human identification'. During this, the presentations were made by Dr. Kimmo Himberg, Rector, Police College Finland, Dr. Luis Bernardo Fondebrider, Head of Unit, Forensic, ICRC Geneva, Dr. Abhishek Yadav, Additional Professor, AIIMS, New Delhi, and Dr. Ashith Acharya Professor, SDM College of Dental Sciences & Hospital Dharwad, Karnataka. The Chairpersons were Prof. Harish Pathak, Head, Dept. of Forensic Medicine, King Edward (VII) Memorial Hospital Mumbai, and Dr. Naveen Chaudhry, Dean of School of Cyber Security & Digital Forensics.

Third session was on 'Pragmatic approach to address the psychosocial impact of COVID-19 deaths'. The presentations were made by Dr. Udo Krenzer, Regional Forensic Manager, ICRC Bangkok, Director Hishmath Ibrahim, Serious & Organized Crime Department, Maldives, Dr. Norbu, Head of Department of Forensic Medicine, Jigme Dorji Wangchuk National Referral Hospital, Thimphu, Bhutan and Ms. Mungreiphy Shimray, Lead - Training and Development & Risk Communication and Community Engagement (RCCE) Program, Caritas India. The Chairpersons were Dr. Sasikala K., HoD, Government Medical College (GMC) Thiruvananthapuram, and Ms. Fathimath Himya, Secretary-General, Maldives Red Crescent (MRC), Maldives.

The theme for the fourth session was 'Social, political and economic considerations for COVID-19 affected families'. The presentations were made by Dr. Selina Leow, Vice-President, Australian Society of Forensic Odontology (AuSFO), Dr. Hassan Umar, Chief Inspector of Police, Serious & Organized Crime Department, Maldives, Dr. Shailesh Mohite, Dean, HBT Medical College & Cooper Municipal General Hospital, Mumbai and Dr. Rajesh Babu Co-Head, NFSU-ICHF and Associate Dean, School of Medico Legal Studies. The Chairpersons were Prof. Vinod Menon, Founder Member, National Disaster Management Authority, and Dr. Yogender Singh Bansal, Professor & Head, Postgraduate Institute of Medical Education and Research. The deliberations were very well oriented, conceptualized and thought provoking for the effective management and preparedness of the pandemic in the future.

NFSU TEAM ATTENDS ANNUAL INTERPA CONFERENCE IN TURKEY



NFSU Team comprising Dr. Naveen Kumar Chaudhary, Dean of School of Cyber security & Digital Forensics and Dr. Purvi Pokhriyal, Dean of School of Law, Forensic Justice & Policy Studies, participated in the 10th Annual INTERPA Conference and Executive Board meeting which was held between 11-14 November 2021 in Antalya, Turkey. The theme for INTERPA conference was "Effects of COVID-19 Pandemic on Policing and Police Education". Both the faculty members presented paper in the conference. On 12th November 2022, Dr J. M. Vyas, Hon'ble Vice Chancellor, NFSU addressed INTERPA General Council meeting in online mode and offered to host the 2023 Annual INTERPA conference at NFSU, Gandhinagar.



NFSU TEAM VISITS UNIVERSITY OF ISTANBUL

A two-member team from NFSU consisting of Dr. Naveen Kumar Chaudhary, Dean of School of Cyber security & Digital Forensics and Dr. Purvi Pokhriyal, Dean of School of Law, Forensic Justice & Policy Studies visited University of Istanbul and met their International Affairs team. Prof. Ilyas Topsakal, Head of the International Affairs, took in interest and discussed the way forward in the spirit of the signed MoU between both the universities.

NFSU PARTICIPATES IN 'STUDY IN INDIA' PROGRAMME IN AFRICAN NATIONS

NFSU was invited to participate in the Government of India organised 'Study In India' Education Fairs in the African nations of Uganda, Tanzania and Zambia. A 2-member team comprising Air Commodore K.R. Thaakar, Dean of School of Police Science & Security Studies, and Dr. Abraham Johnson, Asst. Professor, represented NFSU and participated in the events at Kampala, Dar Es Salaam, and Lusaka from 13th to 22nd November 2022.

NFSU TEAM IN KAMPALA, UGANDA



The 'Study In India' programme in Africa began in Uganda at Imperial Royale Hotel in Kampala on 14th – 15th November 2021. It was inaugurated by the High Commissioner of India in Uganda, Shri A. Ajay Kumar, IFS. The High Commissioner also visited the NFSU enclosure. Initially, Air Commodore K.R. Thaakar briefed all the students about NFSU, its programmes and facilities. Later, large number of Ugandan students visited NFSU enclosure on both the days and showed lot of interest. On 15th November 2021, Air Commodore Thaakar called on Shri A. Ajay Kumar at the High Commission of India in Kampala to brief in detail about the activities of the University and discuss feasibility of setting up a NFSU campus in Uganda. NFSU memento was also presented to the High Commissioner.

NFSU TEAM IN DAR ES SALAAM, TANZANIA



The next stop of 'Study In India' programme in Africa was Tanzania at Dar Es Salaam, the biggest city of Tanzania as well as East Africa at the Dar Es Salaam Serena Hotel on 17th – 18th November 2021. The Education Fair was inaugurated by Shri Raj Ganger, the officiating High Commissioner of India. Shri Ganger visited the NFSU enclosure where he was apprised by the NFSU Team about unique features of NFSU, its various courses, and facilities. 'Study In India' event at Dar Es Salaam witnessed large turnout of Tanzanian students from schools and colleges on both the days, wanting to seek admission in NFSU and learn about getting scholarship for the same. Some of the NFSU alumni also visited the NFSU enclosure and helped in apprising the students about the university.

NFSU TEAM IN LUSAKA, ZAMBIA



The last stop of 'Study In India' programme in Africa was Zambia which was organised at NIPA Information & Conference Centre at Lusaka on 20th – 21st November 2021. The Education Fair was inaugurated by Shri Ashok Kumar IFS, the High Commissioner of India in Zambia. Shri Ashok Kumar visited the NFSU enclosure and took update from the NFSU Team about the activities being conducted at the university. NFSU enclosure witnessed overwhelming response from the Zambian students on both the days to learn about the various courses being run at the University. After the event, on 22nd November 2021, both the members called on Shri Ashok Kumar at the High Commission of India, discussed the feasibility of collaborations in Zambia, and presented a NFSU memento.



MEETING IN KAMPALA WITH UGANDA'S CHIEF OF DEFENCE FORCES

During a visit to Kampala on 15th November 2021, the NFSU Team called on the Chief of the Defence Forces of Uganda, Lt Gen Wilson Mbadi. This was facilitated by Group Captain Vivek Gupta VM of Indian Air Force who had earlier visited NFSU and coordinated NFSU's Air Force Project, and was now posted to Indian Military Training Team in Uganda. Air Commodore K.R. Thaakar gave a detailed presentation on NFSU which was attended by the Chief of Defence Forces (CDF) and other Generals such as the Chief of Training & Recruitment, Chief of Military Intelligence, Chief of Education, Chief of Cyber Security and the Military Advisor to the CDF. After a 45-minute presentation on NFSU, an hour long discussion took place on feasibility of various collaborative activities in Uganda, mainly on setting up NFSU's campus for courses in Forensic Science, Cyber Security and Homeland Security. Besides this, feasibility of extending NFSU's expertise in Cyber Security and granting admission to Ugandan officers for courses in India were also explored. In the end, Air Commodore Thaakar presented the NFSU memento to General Wilson Mbadi and in turn, he hosted a High Tea.



NFSU TEAM VISITS UNIVERSITY OF ZAMBIA IN LUSAKA

After the 'Study In India' event at Lusaka, on 22nd November 2021, a 2-member NFSU Team comprising Air Commodore K.R. Thaakar, Dean of School of Police Science & Security Studies, and Dr. Abraham Johnson, Asst. Professor of Forensic Odontology, visited the University of Zambia which is the oldest and the largest university in Zambia. The team held discussions with team of the University of Zambia comprising the Vice Chancellor, Prof. Luke Evuta Mumba, Deputy Vice Chancellor, Dr.(Ms.) Tamala Tonga Kambikambi, and In Charge Registrar of the university. Both the teams briefed each other about their respective activities and expertise, and explored the feasibility of academic collaboration especially, about setting up of NFSU campus or centre in Zambia within the University. At the end of the meeting, both the teams presented their mementos to the other team members.



NFSU TEAM VISITS DUBAI & SHARJAH IN UAE

While returning from Lusaka in Zambia on culmination of the 'Study In India' programme, the NFSU Team consisting of Air Commodore K.R. Thaakar, Dean of School of Police Science & Security Studies, and Dr. Abraham Johnson, Asst. Professor of Forensic Odontology, had a day long layover at Dubai in UAE on 23rd November 2021. As such, NFSU team visited the Skyline University College in Sharjah which is a 30-year old reputed institution. The team was briefed about the institution by Dr. Deepak Kalra, Director of Learning Resources, and thereafter was taken on a tour of the institution before holding a meeting with the Vice Chancellor, Prof. (Dr.) Mohammad In'airat to explore the feasibility of academic collaboration. Later, the NFSU Team called on Mr. Khalid Sharif Al Awadhi, CEO of Dubai Municipality, Government of Dubai. Being in-charge of Environment, Health & Safety Control Sector, the CEO looks after the public health department, natural resources protection, food inspection and various laboratories, to name a few. On being briefed about the expertise within the NFSU and the consultancy being undertaken by the university, he signalled interest in undertaking joint projects.



NFSU PARTICIPATES IN INDIA INTERNATIONAL SCIENCE FESTIVAL

NFSU participated for the first time in the India International Science Festival. This 7th edition of IISF 2021 was held at Panaji, Goa from 10th to 13th December 2021. It was organised by the Ministry of Earth Sciences, Ministry of S&T and Vijnana Bharati along with the Government of Goa on the theme of 'Celebrating Creativity in Science, Technology and Innovation for Prosperous India'. Nearly 10,000 young and enthusiastic students and visitors across India visited the NFSU stall during the four-day event. The response of the visitors was very enthusiastic and they were keen to know about the activities of NFSU and its new campus in Goa. Overall, it proved to be a great opportunity for the NFSU to showcase its potential to the prospective students and general public which in turn, can contribute towards prosperous India.

ACTIVITIES

NFSU DEVELOPED EQUIPMENT DISPLAYED DURING NAVY DAY CELEBRATION



As part of the Navy Day celebrations on 4th December 2021, NFSU put up on display the equipment jointly developed by NFSU and the Indian Navy towards 'Atmanirbhar Bharat' at Navy House. The visitors included Late General Bipin Rawat, the first CDS of India, the three Services Chiefs, senior defence and MoD officials, and Defense Attache of friendly foreign countries.

NFSU HOSTS COLLOQUIUM ON 'CRIMINOLOGY & CRIMINAL JUSTICE REFORMS'



On 21st - 22nd December, 2021, NFSU's School of Law, Forensic Justice & Policy Studies and School of Forensic Psychology, in association with the Gujarat National Law University (GNLU) and the Indian Society of Criminology, organized a two-day Colloquium on "Criminology and Criminal Justice Reforms". The colloquium aimed to understand the nuances of the criminal justice system at the intersection of law and criminology. Esteemed speakers from all over India were invited. The Colloquium was inaugurated on 21st December 2021 in the presence of Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU; Prof. (Dr.) S. Shanthakumar, Hon'ble Vice Chancellor, GNLU; Justice Kalpesh S. Jhaveri, Hon'ble Former Chief Justice of Orissa High Court; Shri Priyank Kanoongo, Hon'ble Chairperson, National Commission for Protection of Child Rights; and Ms. Jagruti Pandya, Hon'ble Chairperson, Gujarat State Commission for Protection of Child Rights, amongst others. The dignitaries were welcomed and presented a bouquet, a memento and a copy of the Indian Constitution by the Campus Director of NFSU, Prof.(Dr.) S.O. Junare and the Executive Registrar, Shri C. D. Jadeja. Dr. J. M. Vyas, gave a welcome speech. He highlighted that every action taken by human beings is motivated by the sense of achieving happiness and the motive behind a crime is not very different, and is actually driven by the want of happiness. Speaking as a co-host of this event, Prof (Dr.) S. Shanthakumar thanked NFSU for providing an opportunity for co-hosting and discussed the steep increase in crime rates and the decrease in conviction rates in the country. Speaking as a Keynote Speaker, Justice Kalpesh S. Jhaveri highlighted the gaps in the justice delivery system and discussed the status of children in conflict with the law, and how the system needs to be improved to accommodate and understand the socio-legal aspects of child, law and delinquency. This was followed by the address of Shri Priyank Kanoongo who cited the importance of Gandhian philosophy to understand the relationships between society, morality and crime. He elaborated on the initiatives being taken by the present Government on the POCSCO legislation. The inauguration ceremony ended with a vote of thanks given by Prof. (Dr.) Purvi Pokhriyal, Dean, SLFJPS and SFP.

The first session of the Colloquium centered on the theme of Violence against Children and Juvenile Justice. The session was moderated by Dr. Priyanka Kacker, Assistant Professor, SFP, NFSU. The participants for the panel discussion were Prof. (Dr.) Asha Bajpai, Former Dean, School of Law, Tata Institute of Social Sciences, Mumbai, Prof. (Dr.) R. Thilagaraj, President, Asian Criminological Society, Macau; and Mr. Renjith Thomas, Executive Director, Center for Child Rights Advocacy, National Law University, Jodhpur. On the second day, 22nd December, 2021, the session began with the theme "Gender Based Violence". The session was moderated by Dr. K.K. Mishra, Assistant Professor, SFP, NFSU. Prof.(Dr.) Poonam Saxena, Vice Chancellor, National Law University, Jodhpur, Prof.(Dr.) Shashikala Gurpur, Director, Symbiosis Law School, Symbiosis International (Deemed University), Pune, and Dr. Latha Subramainyam, Associate Professor, Department of Criminology, University of Madras, Chennai were the participants.

The third session progressed on the theme "Criminal Justice Reforms". It was moderated by Prof. (Dr.) Purvi Pokhriyal. Dr. G.K Goswami, Chief of ATS, Uttar Pradesh, Prof. (Dr.) G. S. Bajpai, Vice Chancellor, Rajiv Gandhi National University of Law, Patiala, Dr. Jyotsna Yagnik and Prof. (Dr.) S. Shanthakumar, were the resource persons. The fourth and the last session of this colloquium was on the theme "Victimology", moderated by Dr. Minakshi Sinha, Associate Professor, LNJS NICFS, NFSU Campus, Delhi. Prof. (Dr.) G. S. Bajpai, Prof. (Dr.) Beulah Shekhar, Chair Professor (proposed) LNJP Chair of Criminology, NFSU, and Shri. Shailendra Mishra, Zonal Director, Narcotics Control Bureau, Ahmedabad were invited for the discussion.

In the Valedictory function, Prof. (Dr.) Purvi Pokhriyal welcomed all dignitaries. The Chief Guest, Hon'ble Justice Ravi R. Tripathi, Chairperson, State Human Rights Commission, Gandhinagar; Dr. G. K. Goswami, Prof. (Dr.) G. S. Bajpai, Prof. (Dr.) Poonam Saxena and Dr. J.M. Vyas graced the occasion. Dr. Jagdish Chandra, I/C Registrar, GNLU, Prof. (Dr.) S. O. Junare, Shri C. D. Jadeja, Deans of different Schools, faculty members and students were also present. The colloquium ended with a vote of thanks given by Dr. Jagdish Chandra.

ETHIOPIAN DELEGATION VISITS NFSU

A 4-member Ethiopian delegation visited NFSU from 17th to 19th November 2021. Mr. Tolcha Megersa Yadetie, Asst. Commissioner, Oramia Police College headed the delegation. Mr. Girma Gelan Bera, Dy. Commissioner, Oramia College, Mr. Getachew Megersa Ayane, Commander, Dire Dawa Police College and Mr. Anteneh Refera Weldeyes, Inspector, Dire Dawa Police College accompanied him. The delegation discussed the mutual areas of interest, especially training and establishment of a Forensic Laboratory. A MoU was signed on the occasion by Mr. Yadetie and Dr. J. M. Vyas, Hon'ble Vice-Chancellor on behalf of NFSU.



VISIT BY TEAM FROM LLOYD LAW COLLEGE, GREATER NOIDA



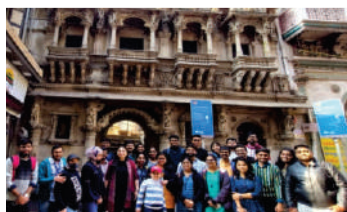
On 14th December 2021, a team from Lloyd Law College, Greater Noida, U.P., comprising Shri. Manohar Thairani, President, Lloyd Law College and Prof. (Dr.) S. Sivakumar, Senior Professor-Indian Law Institute, New Delhi visited NFSU. The team was welcomed by Hon'ble Vice Chancellor, Dr. J.M. Vyas. The team visited the campus infrastructure and its facilities.

CRPF OFFICERS FROM MOUNT ABU VISIT NFSU

On 24th December, 2021, fifteen CRPF officers of the rank of Assistant Commandant from Mount Abu paid a visit to NFSU HQs at Gandhinagar. During the familiarisation visit, Shri R.N. Guna, Dy. Director (Training) briefed the team about various activities of NFSU and conducted them on a visit to different facilities and infrastructure. The members of the team appreciated the progress made by the university.



FORENSIC STRUCTURAL ENGG STUDENTS VISIT HERITAGE STRUCTURES OF AHMEDABAD



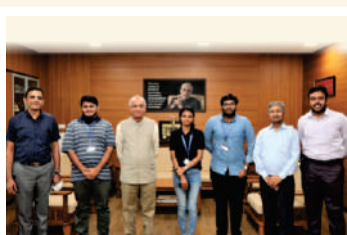
NFSU's Students, research scholars and faculty members of M. Tech. (Civil Engineering - Forensic Structural Engineering) program visited UNESCO certified heritage structures in Ahmedabad city on 16th December, 2021. The students gained practical insights about the structural system of old historical structures such as Pol (narrow streets) houses, Havelis, Temples, Mosques, Derasars, etc. They also learnt about the timber and stone construction systems, design aspects, damage and deterioration to these heritage structures.

STUDY VISIT BY HOSPITAL & HEALTHCARE MANAGEMENT STUDENTS

As a part of Study Visit, NFSU's students of MBA (Hospital & Healthcare Management) visited Sterling Hospital, a major hospital of Ahmedabad, on 3rd December 2021. Students gained practical insights about the facilities and managerial aspects of healthcare and hospital management. Interactive session with hospital staff and walk-through of in-house facilities at the hospital were the major highlights of this visit. A detailed orientation was given by Mr. Kanan T.R. Assistant Manager, Training & Development of Sterling Hospital. The visit was organised by Dr. Ashwini Pandit, Course Co-coordinator.



MICROSOFT SELECTS NFSU STUDENTS WITH A HUGE PACKAGE



Continuing with ever increasing demand to employ NFSU students, global tech giant, Microsoft picked up four students from the School of Cyber Security & Digital Forensics, for a full-time employment, offering a whopping annual package of Rs.43 Lakhs. Hon'ble Vice Chancellor, Dr. J.M. Vyas congratulated the four bright students - Naman Shah of M.Tech. (Cyber Security), Samarth Desai of M. Sc. (Digital Forensics & Information Security), Anindita Ghosh of MSc (Cyber Security), and Jeet Rami of MSc (Cyber Security), as also the Placement Coordinator, Dr. Digvijaysinh Rathore. Campus Director, Prof. (Dr.) S.O. Junare also conveyed his good wishes to them.

COMBINED CULTURAL PROGRAMME BY UNIVERSITY OF LADAKH AND NFSU

On 27th December 2021, University of Ladakh (UoL) and NFSU jointly put up a cultural programme to celebrate the 'Azadi Ka Amrit Mahatsav - Ek Bharat, Shreshtha Bharat' at the Auditorium of NFSU. The UoL contingent led by its Hon'ble Vice Chancellor, Dr. S.K. Mehta, comprised Mrs. Konchok Angmo (Director of Leh Campus of UoL), Ms. Kaneez Fatima (Director of Kargil Campus of UoL), Dr. Amjad Ali Abassi (Dean, Student Welfare of UoL), and a number of officials and students. The UoL team presented glimpses of Ladakhi culture through variety of local songs, dances and rituals. NFSU students also put up an impressive programme, showcasing Gujarati culture by way of different dances and songs as well as the spirit of national integrity.

KNOWLEDGE SHARING

MoUs SIGNED WITH GNLU, SYMBIOSIS LAW SCHOOL, LLOYD LAW COLLEGE, RGNUL & NLU JODHPUR



During a two-day Colloquium on "Criminology and Criminal Justice Reforms" at NFSU, five academic MoUs were signed between NFSU and Gujarat National Law University, Gandhinagar; Symbiosis Law School, Pune; Lloyd Law College, Greater Noida, Uttar Pradesh; Rajiv Gandhi National University of Law, Patiala and the National Law University, Jodhpur on 21st - 22nd December 2021. The MoUs were signed on behalf of the NFSU by Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU, and for other institutions by Prof. (Dr.) S. Shantakumar, Hon'ble Vice Chancellor, GNLU; Prof.(Dr.) Poonam Saxena, Hon'ble Vice Chancellor, NLU, Jodhpur, Prof.(Dr.) Shashikala Gurple, Director, Symbiosis Law School of Symbiosis International (Deemed University), Pune, Mr. Manohar Tahirani, President, Lloyd Law College, Greater Noida, U.P. and Prof. (Dr.) G. S. Bajpai, Hon'ble Vice Chancellor, RGNUL, Patiala.

UNIVERSITY OF LADAKH SIGNS MoU WITH NFSU

A team of University of Ladakh at Leh, led by Hon'ble Vice Chancellor, Prof. (Dr.) S.K. Mehta visited NFSU on 30th November 2021. During the visit, a MoU was signed by Dr. S.K. Mehta and Dr. J.M. Vyas, Hon'ble V.C. of NFSU. Prof. (Dr.) V.K. Jain of Gujarat University, Director of Leh Campus, Mrs. Konchok Angmo, Campus Director, Prof. (Dr.) S.O. Junare, Executive Registrar of NFSU, Shri C.D. Jadeja, and other officials were present.



MoU WITH MAHARASHTRA NATIONAL LAW UNIVERSITY MUMBAI



A team of Maharashtra National Law University Mumbai (MNLUM) visited various facilities at NFSU. Later, a MoU was also signed on 31st December, 2021 for academic and research collaboration by Prof. (Dr.) Dilip Ukey, Hon'ble V.C., MNLUM and Dr. J.M. Vyas, Hon'ble V.C. of NFSU, and thereafter, a tree plantation was also done jointly by both the VCs.

MoU SIGNED WITH SPACE APPLICATIONS CENTRE, ISRO



A Memorandum of Understanding was signed between NFSU and Space Applications Centre (SAC), ISRO, Ahmedabad on 30th December 2021 to achieve common goals for strong academic and research collaboration. MoU was signed by Dr J.M. Vyas, Hon'ble Vice Chancellor of NFSU and Shri Nilesh M. Desai, Director, SAC (ISRO), Ahmedabad. On this occasion, the NFSU Team comprising the Hon'ble V.C., Campus Director, Prof.(Dr.) S.O. Junare; Executive Registrar, Shri C.D. Jadeja; Dean of School of Cyber security & Digital Forensics, Dr. Naveen Kumar Chaudhary; Dean of School of Law, Forensic Justice & Policy Studies, Dr. Purvi Pokhriyal; Dean of School of Forensic Sciences, Air Commodore K.R. Thaakar; and Asst Professor, Dr. Bhargava Patel visited the SAC Complex to familiarise with the activities being undertaken at this reputed national institution.

TRAINING ACTIVITIES

NFSU CONDUCTS 14-WEEK TRAINING FOR FSL OFFICERS OF KARNATAKA

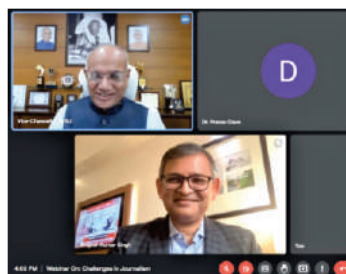
NFSU conducted a 14-week training for the Scientific Officers of Karnataka FSLs at Gandhinagar. A total of 53 Scientific Officers underwent the training from 13th September to 24th December 2021 at NFSU. They were given theoretical as well practical hands on training on various subjects of forensic sciences such as Forensic

Questioned Documents, Forensic Chemistry, Narcotics & Psychotropic Substances, Forensic Physics, Forensic Ballistics, Mobile Forensics, Forensic Cyber, Forensic Toxicology etc. During a Valedictory Function, Dr. Ashoka Chittagari of SFSL, Karnataka, appreciated the training as well as the administrative arrangements, especially the effort put in by the Dy. Director, Shri R.N. Guna. Speaking on the occasion, Hon'ble Vice Chancellor, Dr. J.M. Vyas highlighted on the basic qualities of a Forensic Expert, ethics, morality and its impact on real life.



WORKSHOPS / SEMINARS / CONFERENCES

WEBINAR TO COMMEMORATE 'NATIONAL PRESS DAY'



A webinar was organized by NFSU on 16th November 2021 to commemorate the National Press Day. The topic of the webinar was 'Challenges in Journalism'. Dr. Brajesh Kumar Singh, Managing Editor, Network 18 Group, gave the keynote address. Speaking on the occasion, Dr. Brajesh Kumar Singh said that one of the major challenges of journalism is the fake news and with the sudden spurt of fake news, the role of Forensic Journalism will be decisive in detecting the origin of viral videos. Dr. J. M. Vyas, Hon'ble Vice-Chancellor of NFSU delivered the presidential address and highlighted that NFSU is the first institution in the country to launch a course on

Forensic Journalism. He explained that Forensic Journalism is basically a reflection of two aspects - credibility and quality. The event was coordinated by Dr. Pranav Dave, Asst. Professor of Forensic Journalism.

WORKSHOP ON 'FORENSIC AUDITING - THROUGH IDEA'



NFSU's School of Management Studies organised a 3-day workshop on 'Forensic Auditing' from 1st to 3rd December 2021. The workshop highlighted newer technologies and software to fight financial crime, providing an in-depth understating of analytics which in turn, helps detect financial frauds. The Guest Faculty, Mr. Amish Thakkar, a C.A. with vast experience in handling financial crimes, shared cases in identifying the crimes, and various techniques in the Tool IDEA such as Benford's law.

WORKSHOP ON 'FINANCIAL DATA ANALYTICS USING PYTHON'



A 5-day workshop on 'Financial Data Analytics using Python' was organised by NFSU's School of Management Studies during 11th to 15th December 2021. The interactive session gave the students a deep understanding about data analytics via Python and about various Machine Learning Models. Mr Ankur Sharma, a senior Data Scientist in TCS, shared the basics of Machine Learning using the case studies, and its use. The students also learnt about making the concept of business intelligence.

WORKSHOP ON 'FINANCIAL FRAUD ANALYTICS USING ADVANCE EXCEL'



School of Management Studies conducted a 2-day workshop on 'Financial Fraud Analytics' from 16th to 17th December 2021. The workshop conducted by Chartered Accountant Shri. Nirav Kankrecha spoke about various financial functions as well as effective ways to analyze data in order to identify and prevent financial fraud. He shared case studies, and various tools like pivot tables, duplication etc.

GUEST TALKS

GUEST TALK BY VICE CHANCELLOR, O.P. JINDAL GLOBAL UNIVERSITY



A 4-member team of O.P. Jindal Global University at Sonipat, Haryana, led by its Founder Vice Chancellor, Prof.(Dr.) Raj Kumar visited NFSU on 6th December 2021 and held discussion with Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU and other senior officials. Subsequently, a Guest Talk by Prof. (Dr.) Raj Kumar, was organized by the School of Law, Forensic Justice and Policy Studies. The Guest Speaker and emphasised on reading law and legal language to discover areas of interest, explore the issues involved and further their academic and professional opportunities.

GUEST TALK ON VICTIMOLOGY BY HON'BLE DR. JUSTICE K.J. THAKER



A Guest Talk on 'Victimology' was organized by the NFSU's School of Law, Forensic Justice and Policy Studies (SLFJPS) and the School of Forensic Psychology (SFP), on 8th December 2021. The talk was delivered by the esteemed speaker, Hon'ble Dr. Justice Kaushal Jayendra Thaker, Sitting Judge of the Allahabad High Court, Uttar Pradesh; Dr. J. M. Vyas, Hon'ble Vice Chancellor, NFSU presided over the event. Expert Speaker discussed various contemporary issues and explained how the

legal learners should partake responsibilities and contribute in the legal system by carving out a solution to the challenges faced by the legal profession while having a stable but critical view point to the existing problems.

GUEST TALK ON BLOCKCHAIN BY DR. DEVEN SHAH



NFSU's School of Cyber Security & Digital Forensics (SCSDF) organized a Guest Talk on 'Blockchain - A Disruptive Innovation' on 14th December 2021. The expert session was conducted by Dr. Deven Shah, Professor and Vice Principal, Thakur College of Engineering and Technology, Mumbai. Prof. (Dr.) Naveen Kumar Chaudhary, Dean of SCSDF, welcomed the guest speaker and Dr. Digvijaysinh Rathod, Associate Dean of SCSDF presented the vote of thanks.

EXPERT TALKS

Dr. G. Rajesh Babu, Associate Professor at School of Forensic Science, was invited as a Guest of Honour at the International Conference of Forensic Odontology and Human Rights on 6th November 2021. He delivered online expert talk on 'Rescue, Rights, and Dignity of the Dead'. He also delivered a Keynote Address at the International e-conference on Forensic Physics organized by the International Association of Science and Research on 12th December 2021.

Dr. Malay A. Shukla, Assistant Professor, School of Forensic Science, delivered two expert talks on "Wildlife Crime Scenario in India : Strategies for Collection and Processing of Samples from Scene of Crime" during the Training Program on Wildlife Conservation for officers of Gujarat Forest Department at Gandhinagar on 11th November and 26th November 2021.

Dr. Digvijaysinh Rathod, Associate Dean at School of Cyber Security and Digital Forensics conducted online hands-on workshop on 'Mobile Forensics' organized by Pandit Deendayal Energy University (PDEU) on 14th November, 2021.

Dr. Tanya Chauhan, Assistant Professor (Mol. Bio.) at School of Forensic Science of NFSU Delhi Campus, delivered an expert talk on various topics during "Capacity building Training programme on Wildlife Trafficking" organised by Haryana Police Academy at Madhuban on 18th November, 2021.

Shri Dharmesh Dave, Assistant Professor, and Shri Ramya Shah, TRA, both at School of Cyber Security and Digital Forensics, delivered an expert talk on 24th November 2021 at KARAI Police Academy, Gandhinagar on 'Investigation of Cyber Crime Against Women & Subsequent Steps to be taken by the IO'.

Mr. Ramya Shah, TRA at School of Cyber Security and Digital Forensics, delivered an expert talk at KARAI Police Academy, Gandhinagar on 'Online Crime & Abuse on Social Networking Sites' and 'Cyber Pornography and Steps to Take Down Offensive Content' on 25th November 2021.

Prof. (Dr.) Naveen Kumar Chaudhary, Dean at School of Cyber Security and Digital Forensics, delivered an expert talk on 'Cyber Norms' on 25th November 2021 during the event organized by India Internet Governance Forum 1 (IIGF) under the theme of "Empower India through the Power of Internet."

Prof. (Dr.) Naveen Kumar Chaudhary, Dean at School of Cyber Security and Digital Forensics, delivered an expert talk on 'Future of Forensic Science, Challenges & Opportunities' on 27th November 2021 during the event organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.

Dr. Digvijaysinh Rathod, Associate Dean at School of Cyber Security and Digital Forensics, delivered an online expert talk on 'Machine Learning and its application in Cyber Security' during a webinar series organized by UGC-Human Resource Development Center of Gujarat University for the professors of various universities and colleges on 20th December 2021.

Dr. Deepak Rawtani, Associate Dean at School of Pharmacy delivered an expert talk on 'Scientific Methods (Recent Trends) For Water Quality Restoration' during an In-service Course for IFS officers on 'Environmental Methods For Water Quality Restoration' organized by Gujarat Environment Management Institute (GEMI) at Gandhinagar and sponsored by Ministry of Environment, Forest & Climate Change, Government of India on 20th December 2021.

PUBLICATIONS OF BOOKS / CHAPTERS / PAPERS

Dr. Ravikesh Tripathi, Assistant Professor, SBS, has published a book chapter in collaboration with Vishnu Sharan, Assistant Professor at UPPSC, titled as 'Clinical Psychology in the Contemporary Indian Context' in Psychology in Modern India in Springer in December 2021.

Dr. Prajesh Prajapati, Sr. Assistant Professor at School of Pharmacy, has published a review article in collaboration with Ms. Unnati Patel of University of Alabama and Ms. Farhin Kadri of FSL, Rajkot on 'Super-Critical Fluid: An Overview on Analytical Applications' in the volume 8, issue 3 of the Current Green Chemistry (Bentham Publishers) in November 2021.

Dr. Prasenjit Maity, Associate Professor at School of Engineering and Technology and Avijitsinh Parmar, Dixit Patel, Parvathy Hari, and Rajesh Babu from NFSU have published a research article on 'Efficacy study of non-lanthanide small luminescent molecules as gunshot residue indicators' in volume No. 331, of Forensic Science International, 2022 (Elsevier) (Impact Factor: 2.4)

Dr. Prasenjit Maity, Associate Professor at School of Engineering and Technology and Shashikana Paria, R. Siddiqui, R. Patra, S B. Maity and Atanu Jana from GITAM have published a Review Article on 'Nanostructured Luminescent Micelles: Efficient "Functional Materials" for Sensing Nitroaromatic and Nitramine Explosives' in Volume no. 2 of Photochem Journal in December 2022.

Dr. Pooja Ahuja, Associate Professor, School of Forensic Sciences (SFS), along with K. Mreenmayee, Research Scholar at SFS, have published an article titled 'Trigonometrical Verification and Authentication of Handwritten signatures: A New Forensic Approach' in International Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol.8, Issue 10.

Dr. Pooja Ahuja, Associate Professor along with M. Abedi, M.Sc. (Forensic Science) Student, D.O.M. Bonsu, and I.K. Badu, both Lecturers at the University of Cape Coast, have published a Review Article on 'Spectroscopic (Analytical) Approach to Gunshot Residue Analysis for Shooting Distance Estimation: A Systematic Review'. In Egypt J Forensic Sci 11, 34 (2021).

Dr. Sweety Sharma, Asst. Professor of Forensic Science at NFSU Delhi Campus along with Dulphy Garg, M.Sc. Student; Rito Chopi, Research Scholar; and Dr. Rajinder Singh, Associate Professor at Punjabi University, Patiala have published a Research Article titled 'On the Spectroscopic Investigation of Stamp Inks Using ATR FT-IR and Chemometrics: Application in Forensic Document Examination' in Vol 26, ID 100377; December 2021 of 'Forensic Chemistry' (Impact Factor: 2.676).

Dr. Sweety Sharma, Asst. Professor of Forensic Science at NFSU Delhi Campus along with Rito Chopi (Research Scholar), Jaskiran Deep Kaur Jossan (Research Scholar) and Dr. Rajinder Singh (Associate Professor at Punjabi University, Patiala) have published a Research Article On 'Rapid and Non-Destructive Analysis of Eye-Cosmetics Using ATR FT-IR Spectroscopy and Chemometrics' In Forensic Science International, Volume 329 in December 2021.

Dr. Sweety Sharma, Asst. Professor of Forensic Science at NFSU Delhi Campus, along with Karan Sharma (M.Sc. Student), Jaskiran Deep Kaur Jossan (Research Scholar) and Dr. Rajinder Singh (Associate Professor at Punjabi University, Patiala) have published a research article on 'ATR-FTIR Spectroscopy: A Confirmatory and Non-Destructive Approach for the Identification and Discrimination of Blood Stains from Look-Alike Non- Blood Substances' in 'Indian Journal of Physical Anthropology & Human Genetics' in December 2021.

Dr. Hirak Ranjan Dash, Asst. Professor of Forensic Science at NFSU Delhi Campus, along with Anubha Gang of Regional Forensic Science Laboratory, Indore, Ritesh Shukla of Ahmedabad University and Ankit Srivastava of Bundelkhand University, have published a Research Article on "Evaluation of Dialeleic STR Markers with Inter-Population Allelic Database for their Usefulness in Paternity Trios in the Central Indian Population" in "Annals of Human Biology" Journal in December 2021.

Dr. Hirak Ranjan Dash, Asst. Professor of Forensic Science at NFSU Delhi Campus, along with Ankit Srivastava of Bundelkhand University and Surajit Das of National Institute of Technology, Rourkela, have published a Research Article on 'Prevalence and Characterisation of Size and Sequence-Based Microvariant Alleles at Nine Autosomal STR Markers in the Central Indian Population' in the Journal, 'Annals of Human Biology' in December, 2021.

Dr. Hemen Dave, Assistant Professor at School of Pharmacy, has published a Research Article in collaboration with Dr. Bablu Prasad, Assistant Professor of Maharaja Sayajirao University of Baroda, Vadodara, Gujarat and Dr. Kumar Suranjit Prasad, Assistant Professor of University of Allahabad, Prayagraj, Uttar Pradesh, on 'Sorptive Removal of Aqueous Arsenite and Arsenate Ions onto a Low Cost, Calcium Modified Moringa Oleifera Wood Biochar (Cambc)' in the Journal 'Environmental Quality Management' (Wiley)' in December 2021.

Dr. Hemen Dave, Assistant Professor at School of Pharmacy, and Shruti Patel and Akanksha Pandey, both Research Scholars at School of Pharmacy, have published a chapter 'Air Pollution : A Curse to Environment, Human, Social and Economic Pillars of Countries Globally and its Control Measures' in a book 'Sustainable Development: Socio-Economic, Environmental and Energy Development' published by 'Bharti Publications, New Delhi' in December 2021.

Dr. Proshanto Kr. Saha, Assistant Professor, SBS, in collaboration with Prof. Dr. Richard J Siegert, Ms. Kalpana Raman and Dr. Christian Krageloh from Auckland University of Technology, New Zealand, have published a seminal research article titled as 'Validation of the English-Language Version of the Five Facet Mindfulness Questionnaire in India: a Rasch Analysis' in the 'Mindfulness', Springer Journal in December 2021.

Dr. Jayrajsinh Sarvaiya, Sr. Asst. Professor, School of Engineering and Technology along with Poorti Mohindroo, TRA, School of Engineering and Technology and Neha Dhiman published an article "A drift on liposomes to proliposomes: recent advances and promising approaches" in Journal of Liposome Research in December 2021.

Dr. Deepak Rawtani, Associate Dean at School of Pharmacy (SPH) along with Garvita Parikh, Teaching and Research Assistant at SPH, Gargi Phadke, Aayush Dey and Piyush K Rao, all Research Scholars at SPH, Kriti Kaushik student at School of Engineering and Technology, Sejal Purohit, student at SPH, and Keya Vyas, SPH, have published various book chapters in a book 'COVID-19 in the Environment : Impact, Concerns, and Management of Coronavirus' published by Elsevier in November 2021.

ACHIEVEMENTS



Hon'ble Supreme Court of India has appointed, Dr Naveen Kumar Chaudhary, Professor and Dean, School of Cyber Security and Digital Forensics, as a Member of the Technical Committee to investigate allegations of Pegasus Spyware, in connection with writ petition (CrI.) No. 314 of 2021 dated 27 October 2021. The constituted committee will enquire, investigate and determine seven objectives and make necessary recommendations.

FROM THE FREEDOM MOVEMENT...

REMEMBERING NETAJI SUBHASH CHANDRA BOSE ON HIS 125TH BIRTH ANNIVERSARY



If there was one prominent leader of the Indian freedom struggle who has been denied his rightful place in the annals of Indian history, it was Subhas Chandra Bose, affectionately called Netaji. And yet, his raising of the Indian National Army (*Azad Hind Fauj*) to overthrow the British Empire from India, has come to acquire a legendary status among Indian masses. Born on 23 January, 1897 in Cuttack (Orissa), Netaji Bose passed the Indian Civil Services examination in 1920, securing fourth position in the order of merit but in April 1921, after hearing of the Jallianwalla Bagh massacre, he resigned and hurried back to India and joined Non-Cooperation Movement started by Mahatma Gandhi. He opposed the suspension of Civil Disobedience Movement, especially when Bhagat Singh and his associates were hanged. After couple of imprisonments and a stint as the President of the Indian National Congress (INC) in 1938, when he was re-elected as the President in 1939, he brought a bold resolution to give the British six months to hand over the reins to the Indians, failing which there would be a revolt. Expectedly, there was much opposition to his daring stand within the INC, and so he resigned and formed the Forward Block.

Subhas Chandra Bose now started a mass movement against utilizing Indian resources and men for World War II. There was a tremendous response to his call and he was put under house arrest in Kolkata. In January 1941, Subhas Chandra Bose escaped in disguise and made his way through Afghanistan, Central-Asia, the Soviet Union and then to Germany, reaching Berlin on 2nd April 1941. Working on the maxim that "an enemy's enemy is a friend", he sought cooperation from Germany and Japan against the British Empire. After meeting Hitler, he left Germany in a German submarine, U-180 on 8th February 1943 on a daring 3-month voyage. Off the coast of Madagascar, Bose climbed down from the German submarine, took a ride on a raft in the rough sea waters, and hopped aboard the Japanese submarine, I-29. It was a daring feat - the only submarine-to-submarine transfer of a passenger during World War II, in waters where the enemy was superior in air and naval power. He arrived in Singapore on 4th July 1943 and assumed the leadership of the Indian National Army (INA) or the *Azad Hind Fauj*. He famously proclaimed that "Give me blood and I will give you freedom" and made a number of radio broadcasts to Indians, exhorting them to join in the fight for India's independence. A striking feature of the *Azad Hind Fauj* was the Rani of Jhansi Regiment, the first women's contingent in Asia, where women were given complete combat training.

On 23 October 1943, *Azad Hind Fauj* declared war against Britain and the United States. Its first commitment was the opening of the Japanese offensive towards Manipur. In this 'U-Go Offensive,' a military operation aimed at capturing Manipur and the Naga Hills from the British, the INA played a major role. It was planned that, once Japanese forces had broken through British defences at Imphal, the INA would cross the hills of North-East India into the Gangetic plain, where it would work as a guerrilla army. This army was expected to live off the land, with captured British supplies, support, and personnel from the local population. Enroute, it liberated Andaman and Nicobar Islands, the I.N.A. Head quarters was shifted to Rangoon in January 1944 and *Azad Hind Fauj* crossed the Burma Border, and stood on Indian soil on 18th March, 1944. In 1945, the INA was again part of the Japanese deployments during the 'Burma Campaign,' a series of battles held in the British colony of Burma. Unfortunately, defeat of Japan and Germany in the Second World War forced INA to retreat and it could not achieve its objective.

Netaji Subhash Bose and his INA were the Man of Valour who had launched an audacious attack against the might of the British empire. Probably, we as a nation, have failed to honour adequately and fully acknowledge their contribution. But making amends in style, Hon'ble Prime Minister, Shri Narendra Modi has announced that his grand statue will be installed at India Gate. Till the statue is installed, a hologram statue was unveiled at the same place on 23rd January 2022, Netaji's 125th birth anniversary. Besides that, the government decided that January 23 will be called '*Parakram Diwas*' and Republic Day celebrations will now begin every year from that day instead of January 24. This has been a long awaited fitting tribute to Subhash Chandra Bose, one of the most influential freedom fighters with extraordinary leadership skills, daring approach and strong nationalist feelings.



UNIVERSITY OF LADAKH AND NFSU CELEBRATES 'AZADI KA AMRIT MAHOTSAV'



“ India is facing multiple challenges in the 21st Century and to successfully deal with them, we have to strengthen the criminal justice system of which Forensic Science is an integral part.”

- Shri Amit Shah

Hon'ble Union Minister of Home Affairs
& Minister of Co-operation



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