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

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A NATIONAL FORENSIC SCIENCES UNIVERSITY NEWSLETTER

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ARMY CHIEF, GENERAL M.M. NARWANE VISITS NFSU



National Forensic Sciences University had the rare honour to host the Chief of the Army Staff. On 13th April 2022, General M.M. Naravane PVSM AVSM SM VSM ADC, the then Chief of the Army Staff, became the first Service Chief to visit the university. The General arrived at an appointed time of 10.00 A.M. and he was warmly received by the Hon'ble Vice Chancellor, Dr. J.M. Vyas. The Army Chief was accompanied by Army Commander of the Shimla based Army Training Command (ARTRAC), Lt Gen S.S. Mahal AVSM VSM, who arrived just before the General. Hon'ble Vice Chancellor thereafter introduced the Army Chief with Campus Director of NFSU's Gujarat Campus, Prof. (Dr.) S.O. Junare; Executive Registrar of NFSU, Shri C.D. Jadeja; and Chief Coordinator of the visit and Dean, School of Police Science and Security Studies, Air Commodore K.R. Thaakar. Soon on arrival, an introductory meeting was held in the office of the Vice Chancellor which was attended by Gen Naravane, Lt Gen Mahal, Dr. Vyas and Air Commodore Thaakar.

The visit began with a detailed presentation on NFSU by Air Commodore Thaakar. It was also attended by accompanying senior Army officers, Major General (now Lt Gen) Vivek Kashyap AVSM VSM, Major General Vikrant Naik VSM and Major General Bikramdeep Singh VSM. Other NFSU team members who participated in the briefing were Campus Director of Delhi Campus, Dr. S.K. Shukla; Dean of School of Cyber Security & Digital Forensics, Prof. (Dr.) Naveen Kumar Chaudhary; Dean of School of Law, Forensic Justice & Policy Studies, Prof. (Dr.) Purvi Pokhariyal; Joint Registrar of Delhi Campus, Air Commodore R.N. Gaekwad; and Head, Centre for Futuristic Defence Studies, Group Captain Ajay Purandare. Hon'ble Vice Chancellor highlighted the training imparted to the Service personnel. Thereafter, Dr. Vyas suggested the courses that could be offered and various short term training courses that could be organised for the Army officers. He laid special emphasis on the various technologies and projects that could be beneficial to the Army for varied purposes, and offered to





collaborate. In this regard, Group Captain Purandare briefed in detail about the different defence related areas. At the end of it, Hon'ble Vice Chancellor and the Army Chief exchanged the mementos.

After the presentation, Gen Naravane and his team visited the Centre for Futuristic Defence Studies where Group Captain Purandare showcased the varied defence related projects especially the ones with possible applications for the Army. This was followed by a visit to the Cyber Defence Centre where Dr. Chaudhary briefed about the recent upgradations. In particular, the Army Chief was impressed with the Cyber Kiosk that scans the mobile devices and not only detects the malware but could also remove it. The next visit was to the Forensic Psychology Laboratory where the team witnessed different systems being employed for criminal investigation. Dr. Vyas explained the possible uses of these systems for the Army such as for mass scanning for access control, investigation of intruders feigning as mentally deranged, recruitment, etc. Thereafter, the Army Chief visited the Ballistics Research Centre and Testing Range where he was apprised about the different types of testing being undertaken especially the bullet-proof materials being used for jackets, helmets, vehicles, tyres, glass, etc. The last stoppage was a High Tea with the senior faculty members and the staff where the General briefly interacted with them.

As the visit came to an end, Gen Naravane, Lt Gen Mahal and other senior officers of the entourage were seen off by the Hon'ble Vice Chancellor, Dr. J.M. Vyas, accompanied by Dr. Junare, Shri Jadeja and Air Commodore Thaakar. The Army Chief went back, carrying with him number of ideas for collaboration with NFSU.



TOP LEADERS APPRECIATES NFSU

Hon'ble Prime Minister Narendra Modi highlighted about the world's first and the only Forensic Sciences University, the NFSU, on 12th March 2022 during his speech at Rashtriya Raksha University. On another occasion, Hon'ble Union Home Minister, Shri Amit Shah, brought out the importance of National Forensic Sciences University during his reply on The Criminal Procedure (Identification) Bill, 2022 in the Rajya Sabha on 6th April, 2022. Excerpts of both the speeches could be accessed at the given Q Codes.



NFSU TRIPURA CAMPUS TEAM CALLS ON HON'BLE C.M. OF ASSAM



A team from NFSU's Tripura Campus comprising Dr. Prasenjit Maity, Dean-Academics and Shri Sagar Bhowmik, Assistant Registrar of Tripura Campus, paid a courtesy visit to Dr. Himanta Biswa Sarma, Hon'ble Chief Minister of Assam for establishing an NFSU Campus in Assam on 22 April, 2022. Hon'ble C.M. was briefed about various activities of NFSU as well as the advantages of setting up NFSU campus to create skilled manpower in Forensic Science for strengthening the forensic capabilities of Assam. Dr. Sarma expressed desire to establish the campus in Assam and assured all required support on his part.

IMPORTANT EVENTS

PRESIDENT OF INDIA PRESENTS 'PADMA SHRI' AWARD TO DR. J.M. VYAS



In a glittering but dignified investiture ceremony held at the magnificent Darbar Hall of the Rashtrapati Bhavan on 21st March 2022, Hon'ble President of India, Shri Ram Nath Kovind conferred one of the country's highest civilian awards, 'Padma Shri' to the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas. This was in recognition of his lifelong distinguished service to the nation in the field of forensics investigation and training. As is well known, besides being the founder Vice Chancellor of NFSU, Dr. Vyas is a veteran forensic scientist with vast experience of 48 years, making him the senior-most Forensic Scientist of the country. Some of the high points of a shining career spread across five decades are serving Gujarat's Directorate of Forensic Science since 1973, heading it from 1993 - now as its Director General, successfully undertaking innumerable scientific investigations of high profile heinous crimes of the country, becoming pioneer in the vital area of professional forensic education, translating the vision of the Hon'ble Prime Minister, Shri Narendra Modi, to establish the world's first forensics university, its upgradation to be the National University, its recognition as an 'Institution of National Importance' (INI) by the Government of India, embarking upon major expansion to launch campuses from scratch in other states and abroad, etc.

While the Padma Awards are announced on the occasion of the Republic Day, they are conferred by the President of India subsequently on two separate ceremonial functions at the Rashtrapati Bhavan. The Awards are conferred in various disciplines such as art, social work, public affairs, science and engineering, trade and industry, medicine, literature and education, sports, civil service, etc. This year, a total of 128 Padma Awards were conferred. In this Civil Investiture Ceremony-I held at Rashtrapati Bhavan on 21st March 2022, besides Dr. J.M. Vyas, President Ram Nath Kovind presented Padma awards to former Chief of Defence Services, General Bipin Rawat (posthumously), Chairman of the famous Gita Press at Gorakhpur, Radhey Shyam Khemka (posthumously), veteran leader Ghulam Nabi Azad, Tata Sons Chairman N. Chandrasekharan, M.D. of the Serum Institute of India Cyrus Poonawalla, welfare activist Swami Sachchidanandji and 125-year-old yoga enthusiast of Varanasi Swami Sivanand. Hon'ble Vice President Shri M. Venkaiah Naidu, Hon'ble Prime Minister Shri Narendra Modi, and Hon'ble Home Minister Shri Amit Shah were amongst the several dignitaries were present. Family members of the awardees were also invited to witness this occasion and it can be watched at the given Q Code.



MORE LAURELS FOR DR. J.M. VYAS...

After being conferred with the prestigious 'Padma Shri' Award, Dr. J. M. Vyas, Hon'ble V.C. of NFSU was bestowed with the special 'Gujarat Nu Gaurav' - Pride of Gujarat Award. It was presented by Shri Bhupendra Patel, Hon'ble Chief Minister of Gujarat state on 28th April 2022 in a event organized by Mantavya News Channel. A day later, Dr J.M. Vyas, received another special felicitation, 'Drona Education Award Gujarat 2022' from Shri Jitubhai Vaghani, Hon'ble Education Minister of Gujarat state on 29th April 2022 in a ceremony organized by VTV News Channel.



INTERNATIONAL WOMEN'S DAY CELEBRATED AT NFSU

International Women's Day is celebrated the world over on 8th March every year. While the women's day is being observed in a variety of ways for a long time and the earliest known celebration goes back to 1909 in New York, it has become a mainstream global celebration following its adoption by the United Nations in 1977. This year, NFSU also decided to celebrate the International Women's Day with number of activities, the top event being the felicitation of women forensic scientists. Various events conducted are enumerated below.

SENIOR WOMEN FORENSIC SCIENTISTS FELICITATED



Eleven senior women forensic scientists from all over the country, were felicitated by Dr. Nimaben Acharya, Hon'ble Speaker of the Gujarat Legislative Assembly as part of the celebration of International Women's Day on 15th March, 2022 at NFSU, Gandhinagar. Welcome speech was delivered by Prof. (Dr.) Purvi Pokhriyal, Dean-School of Law, Forensic Justice and Policy Studies. Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU, welcomed Dr. Nimaben Acharya and felicitated her by presenting her with a bouquet, shawl and the NFSU memento. Shri H.P. Sanghvi, Addl. Director, DFS, Gujarat was also welcomed on this occasion. Subsequently, the Chief Guest, Dr. Nimaben Acharya felicitated the women Forensic Scientists by presenting a bouquet, shawl and a framed citation.

The eleven senior women Forensic Scientists who were felicitated were Dr. Rukmani Krishnamurthy, former Director of DFS Mumbai, and Chairperson & CEO Helik Advisory ; Dr. Sukhminder Kaur, former Director, CBI CFSL Delhi; Ms. Deepa Verma, Director, Forensic Science Laboratory, New Delhi; Dr. Archana Tripathi, Director FSL, Lucknow; Dr. Beulah Shekhar, Chair Professor at LNJS NICFS Delhi Campus of NFSU; Dr. Sangeeta Ghumatkar, Director (I/C), FSL, Maharashtra; Dr. Sharda Avandhanam, Deputy Director, Andhra Pradesh Police Academy; Dr. Amita Shukla, Dy Director at Directorate of Forensic Science, Gujarat; Dr. N. Mahalakshami, Deputy Director, FSL, Chennai; Dr. Madhulika Sharma, Forensic Scientist, FSL New Delhi; and Dr. Asha Shrivastava, PSO & HoD CBI CFSL, New Delhi. Dr. J.M. Vyas as well as Dr. Nimaben Acharya addressed on the occasion and congratulated the women achievers for their contribution. They also motivated other women forensic scientists and the faculty to excel in their field. After this, Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU, was felicitated in turn by the senior Women Forensic Scientists on being conferred with the prestigious 'Padma Shri' Award, to which the audience gave a standing ovation. The vote of thanks was given by Prof. (Dr.) Naveen Kumar Chaudhary, Dean-School of Cyber Security and Digital Forensics. The comparer for the entire event was Dr. Astha Pandey, Associate Professor, NFSU. Other Deans, Associate Deans and faculty members attended the event.

SEMINAR ON WOMEN POWER IN TECHNICAL DEVELOPMENT



NFSU's School of Cyber Security and Digital Forensics organised a one day technical event as a part of International Women's Day celebration in collaboration with Google Developers Group, Gandhinagar on 16th April 2022. The event showcased women power in the field of technical development and the advancements brought in the world. More than 50 students participated in the program. The event also provided visibility on the Google's Women Techmakers Program.

SEMINAR ON 'IDENTIFICATION OF ABUSIVE RELATIONSHIPS'

School of Law, Forensic Justice and Policy Study (SLFJPS) of NFSU conducted a day-long seminar on the theme 'Identification of Abusive Relationships' to celebrate the International Women's Day on 8th March 2022 in collaboration with the National Commission of Women. The seminar was opened to a wide audience of international speakers, judges, students, and delegates by Prof. Beulah Shekhar, Chair Professor at NFSU's Delhi Campus by delivering the welcome. Miss Jill Callahan Engle and Miss Mel Flanagan discussed about women's rights in marriage. Representing the judiciary, Dr. Jyotsna Yagnik, former Principal Judge, Ahmedabad, and Justice Abhilasha Kumari, Judicial Member, Lokpal Committee of India, highlighted the legal aspects related to domestic violence. The event was successfully held under the overall guidance of Prof. (Dr.) Purvi Pokhriyal, Dean, SLFJPS in which more than 120 participants physically attended the event.



INTERNATIONAL CONFERENCE ON LAW & FORENSIC JUSTICE IN COLLABORATION WITH ICSSR



On 5th-6th March, 2022, the School of Law, Forensic Justice and Policy Studies (SLFJPS) of NFSU organised an International Conference on "Law & Forensic Justice" in collaboration with the Indian Council of Social Science Research. The conference aimed to provide a premier interdisciplinary platform to discuss the most recent innovations, trends and concerns in delivering justice and highlight the practical challenges encountered and the solutions adopted. The inaugural session was graced by many esteemed national and international dignitaries such as Professor Emeritus of NFSU, Dr. Henry C. Lee, Founder-Director of the Henry C. Lee Institute of Forensic Science at the University of New Haven, Connecticut; Prof. (Dr.) Stephen Barnes of Penn State Law; Judge Mel Flanagan, Former Circuit Judge from Sarajevo, Bosnia; Dr. G.K. Goswami, Additional Director-General of Police & Anti-Terrorist Squad, State of Uttar Pradesh; and Justice Abhilasha Kumari, Judicial Member, Lokpal Committee of India and former Chief Justice of the Manipur High Court who was the Chief Guest of this event. At the outset, Prof. (Dr.) Purvi Pokhariyal, Dean, SLFJPS welcomed the distinguished guests and all the participants to the conference. After that, Prof. (Dr.) Purvi Pokhariyal, Prof. (Dr.) Navin Chaudhary (Dean, School of Cyber Security and Digital Forensics), Air Commodore K.R. Thaakar (Dean, School of Police Science and Security Studies) and Dr. Navtika Singh Nautiyal (Asst Professor) welcomed the different guests with a bouquet of flowers and memento.

As a keynote speaker, Professor (Dr.) Henry C. Lee, discussed the importance of law and forensic justice in contemporary times; and how this can benefit the society. Another speaker, Prof. (Dr.) Stephen Barnes focused his talk on procedure of justice and how various social reformers such as Mahatma Gandhi, Martin Luther King Jr., and Rosa Parks emphasised on attaining justice through their acts and deeds. Judge Flanagan highlighted the blending of forensic science and law. Dr. Goswami discussed the darker sides of investigation and the need for identifying innocence. He also discussed the misconduct in legal procedures. The chief guest of the inaugural ceremony, Justice Abhilasha Kumari, laid emphasis on the significance of forensics, DNA mapping, and other aspects of Law and Forensics, in investigative procedures. The entire conference was divided into seven sessions where numerous researchers, practitioners and educators presented their views specifically aimed at exploring the versatility of forensic justice and law and held deliberations on the need of forensic science in the examination of evidence and its admissibility in the judicial system.

The first session was chaired by Mr. Mitesh Amin. The guest speaker, Mr. Yili Dautaj who spoke on the topic 'E-discovery and Forensic Evidence in International Arbitration'. The session had four presentations which were on interesting topics such as application of LIDAR, and use of insects for understanding post mortem intervals. The second session started with an introductory discussion on 'Racial profiling in Europe and the response by the EU and European Court of Human Rights' by the guest speaker, Prof. Adam Dubin. The chair of the session was Dr. Jyotsna Yagnik. The session also had three presenters who spoke on a wide range of topics of forensic science and its application in the legal system. The Session ended with the felicitation of the chair of the session by Dr. Nandita Chaube. The third session was chaired by Dr. Beulah Shekhar, Chair Professor (Proposed), LNJP Chair of Criminology. There were seven presentations in this session. The topics ranged from 'Neurological Evidence' and 'Examination of Cortex' to 'Challenges of Forensic Sciences' and 'Forensic Investigative Procedure'.

The fourth session was chaired by Dr. G.K. Goswami which started with the introductory discussion by the guest speaker Dr. Jill Callahan Engle, who talked about domestic violence, its different forms, and the tactics used in cyberspace. The presentations included interesting and informative topics such as acceptance of the BEOS system in court proceedings, discretion of using forensic evidence by court and the role of forensic science in access to justice. The fifth session was chaired by Dr. Archana Bahuguna, Scientist 'E', High Altitude Regional Centre, Zoological Survey of India. There were many presentations by vivacious participants ranging from 'Neuro Profiling of victimisation' to 'Suicidal hanging' and 'Wildlife Protection Covering'.

The sixth session was chaired by Justice Abhilasha Kumari. The guest speaker was Judge Ms. Mel Flanagan who primarily discussed juvenile violence, the vulnerability of children in the social and legal realms, and the problems of intergenerational violence which needs to be addressed adequately. The seventh and the last session of the conference was chaired by Dr. Rukmani Krishnamurthy, Chairperson and CEO, Hemlock Advisory Ltd. The session had presentations on many captivating topics like 'Analysis of Inhalants', 'Development of Cyber Forensics', 'Expert Evidence', 'Credibility of Forensic Evidence' and 'Organised Crime'. Soon after the seventh session, the valedictory function was organized in which Dr. Rukmani Krishnamurthy graced the occasion as a chief Guest. She was welcomed and felicitated by Justice Abhilasha Kumari. The researchers and paper presenters were felicitated with certificate and memento by Dr. Rukmani Krishnamurthy and Justice Abhilasha Kumari. The session came to a conclusion with the felicitation of the chair by Dr. Navtika Nautiyal.

ACTIVITIES

NFSU SECURITY COLLOQUIUM - PARTICIPATION BY INDUSTRY AND THINK TANKS



The first-ever NFSU Security Colloquium was organized by the School of Police Science and Security Studies (SPSSS) of NFSU at its Gujarat Campus on 2nd-3rd March 2022. The main aim of the colloquium was to enhance the cooperation between the Industry fraternity and the Academia for synchronizing the demands of the industry with the skill sets and knowledge being imparted to the students. Towards that, the colloquium comprised signing of MoUs with major industries and security-oriented think-tanks, talks by eminent personalities, panel discussions between industry leaders and faculty members, and interaction between students and security heads of industries. The Colloquium was inaugurated by the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas, by traditional lighting of lamp along with the dignitaries on the dais. This included Shri Shekhar Dutt, SM, former Governor of Chhatisgarh, ex-Deputy National Security Advisor and ex-Defence Secretary; Air Marshal (Dr.) M Matheshwaran AVSM, VM (Retd.), Founder President of The Peninsula Foundation; Shri. Sanjeev Tripathi, IPS (Retd.), former Chief of RAW; Col Samrendra Mohan Kumar, Co-founder & MD, MitKat Advisory Services Pvt. Ltd; Col VS Chandrawat, SM, CPP, President Security, Adani Group; Smt. Neeru Abrol, former CMD of National Fertilizers Limited; and Shri Aditya Tikoo, Founder Convenor of Global Counter Terrorism Council (GCTC). The dignitaries were welcomed and presented a floral bouquet and memento by Shri. C.D Jadeja, Executive Registrar, Prof. (Dr.) N.K. Chaudhary, Dean of School of Cyber Security and Digital Forensics, and Air Commodore K.R. Thaakar, Dean of SPSSS. The event began with Air Commodore Thaakar delivering the welcome address.

The Inaugural Address was delivered by Hon'ble Vice-Chancellor, Dr. J.M. Vyas who called this event a landmark occasion. He enlightened the gathering with the genesis of Homeland Security courses in the university and the unique concept of Preventive Forensics and its linkage with the security. Shri Shekhar Dutt discussed the growth of terrorism in detail and touched upon the Jihadi terrorism in Kashmir. Air Commodore K.R. Thaakar presented a vote of thanks. The second session comprised expert talks. Air Marshal (Dr.) M Matheshwaran delivered a talk on 'India's balancing act in the context of its security in the aftermath of Russia-Ukraine conflict'. He stated that India needs to maintain its Strategic Neutrality in order to strengthen its military and strategic relations with Western countries as well as Russia. Another guest talk was delivered by Shri. Sanjeev Tripathi, IPS (Retd.) on 'Need to counter false Pakistan narrative on Kashmir issue' and highlighted that social media is becoming a major tool for Pakistan to set counter development narrative over Kashmir issue.

In the third session, a panel discussion and two expert talks were planned. The first Panel Discussion was on the topic "Trends in Geo-politics & Corporate Security, Industry Academia Cooperation and Careers in Intel & Security" which was moderated by Col S.M. Kumar. This was followed by an expert talk by Lt Gen K.J. Singh PVSM, AVSM & Bar, former Army Commander of Western Army Command, on 'Emerging Dynamics in Afghanistan' and emphasized that India needs to further strengthen its soft power in order to manage Islamic extremism. Shri Zafar Sareshwala, former Chancellor of Maulana Azad National Urdu University, delivered an expert talk on 'Communal Harmony and De-radicalization'. The speaker stated that community focus should be on creating education, business opportunities, entrepreneurship and jobs to make them financially strong. The fourth and final session of the day had a second panel discussion on "Trends in cyber security, convergence of physical and cyber security and bridging the skill gap", which was again moderated by Col S.M. Kumar. In the evening a dinner was hosted by NFSU for the delegates and the faculty members of SPSSS.

On Day-2 of the NFSU Security Colloquium, the delegates visited various Centers of Excellence of NFSU. In addition, special 45-minute interactive sessions with the students were held throughout the day by industry leaders such as Col S.M. Kumar, Col Sanjeev Relia, Shri Vikas Goyal, Shri Adhiraj Banerjee, Shri Sachin Punni, Capt Shakil Ahmed, Shri Shekhar Nalawade, and Shri Samir Kumar Jha.



GOLD MEDALS PRESENTED TO ERSTWHILE GFSU STUDENTS



The last and fifth convocation of the erstwhile Gujarat Forensic Sciences University (GFSU) was held in a virtual mode on 26th November 2020 due to COVID-19 restrictions. As such, the Gold medals to the deserving toppers of the course could not be presented at that time. In order to felicitate the deserving students of 2018-20, a Gold Medal Presentation Ceremony of erstwhile GFSU (Now NFSU) was held on 7th April, 2022. The ceremony was presided over by Dr. J. M. Vyas, Hon'ble Vice Chancellor of NFSU who presented Gold Medals to the students and congratulated them for their outstanding performance.

ROUND TABLE MEET ON COURSE STRUCTURE FOR 'LAW & FORENSIC SCIENCE

On 6th April 2022, a Round Table Meet was conducted by National Forensic Sciences University to deliberate on the common course structure for the subject 'Law & Forensic Science'. The event was organised with an object to have common standard to teach 'Law & Forensic Science' in all the National Law Universities to meet the contemporary challenges faced during the modern crime investigation. This virtual round table meet was chaired by Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU and had the august presence of Prof.(Dr) S.Shanthakumar (Director, GNLU), Prof.(Dr.) Dilip Ukey (Vice-Chancellor, MNLU Mumbai), Prof.(Dr) Poonam Pradhan Saxena (Vice-Chancellor, NLU Jodhpur), Prof.(Dr.) Purvi Pokhariyal, Dean, School of Law, Forensic Justice & Policy Studies of NFSU, and various faculty members from different National Law Universities.



DELHI CAMPUS OF NFSU FELICITATES DR. J. M. VYAS



During the visit to the LNJNI Delhi Campus of NFSU on 22nd March 2022, Dr. J. M. Vyas, Hon'ble Vice Chancellor of NFSU, was felicitated on being honoured with the award of Padma Shri. The event was attended by Dr. S.K. Shukla, the Campus Director, faculty members and staff of the Delhi Campus, and some family members of Dr. Vyas. Thereafter, the Hon'ble V.C. visited the teaching facilities and laboratories at the Campus, accompanied by Prof. (Dr.) S. K. Shukla, Air Commodore R.N. Gaekwad, Prof. (Dr.) S.O. Junare and Prof. (Dr.) Purvi Pokhariyal. In the evening, a Music show was organized where performances from different singers were greatly appreciated by the Hon'ble V.C., family members, staff and students of NFSU Delhi campus. Dignitaries and guests from Academia, Industry and Defence Services were also attended the programme.

NFSU TRIPURA CAMPUS VISIT TRIPURA UNIVERSITY

On 28th April 2022, Dr. Prasenjit Maity (Dean-Academics, NFSU Tripura Campus) along with the entire team of faculty members of the Tripura Campus visited the Tripura University at Agartala, which is a Central University. The team was hosted by Prof. (Dr.) S. A. Hussain (Professor and Head of the Department of Physics) who is a leading academician. He gave the faculty members an detailed tour of the Physics Department along with the instrumentation facility. Besides visit, the team also held discussions regarding future collaborations with NFSU Tripura Campus in various upcoming projects.

STUDENTS OF SCHOOL OF PHARMACY VISIT TORRENT RESEARCH CENTRE

School of Pharmacy of National Forensic Sciences University organized a Industrial Visit for students of Forensic Pharmacy, Forensic Chemistry and Environmental Science to Torrent Research Centre, Bhat, Gandhinagar on 30th March 2022.



KNOWLEDGE SHARING

MoU SIGNED WITH LONDON POLICING COLLEGE, U.K.



London Policing College (LPC) of UK signed a MoU in a virtual mode with NFSU on 24th March, 2022. Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU and Mr. Rod Jarman, President of London Policing College, signed the MoU in a virtual mode. However, Mr. Sutinderjit Mahil from LPC, UK was present for the MoU. The event was also attended by Prof. (Dr.) S.O. Junare, Campus Director of NFSU's Gujarat Campus; Shri C.D. Jadeja, Executive Registrar of NFSU; Prof. (Dr.) Purvi Pokhariyal, Dean of School of Law, Forensic Justice & Policy Studies; Air Commodore K.R. Thaakar, Dean of School of Police Science and Security Studies; Dr. Divyesh Bhagat, Deputy Registrar (Examination); and Dr. Abraham Johnson, Coordinator of the International Cell.

MoU SIGNED WITH VARNA UNIVERSITY OF MANAGEMENT, BULGARIA



The Varna University of Management (VUM), Bulgaria has signed a MoU with NFSU on 25th March 2022 for academic collaboration. Dr. J.M. Vyas, Hon'ble Vice-Chancellor, NFSU, India and Prof. Todor Radev, President, VUM, Bulgaria signed the MoU. Earlier, Prof. (Dr.) S.O. Junare, Campus Director of NFSU's Gujarat Campus and Shri C.D. Jadeja, Executive Registrar of NFSU, welcomed Prof. Todor Radev with a bouquet of flowers, and Dr. Vyas felicitated him with a shawl and a memento. Dr. Haresh Barot, Associate Professor, and Dr. Pranav Dave, Assistant Professor, both from the School of Management Studies, were present on the occasion.

MoU FOR ADVANCED CENTER FOR RESEARCH IN FORENSIC JUSTICE

NFSU and Rajiv Gandhi National University of Law, Punjab signed a MoU virtually for setting up a Digital Forensics Laboratory as a part of the 'NFSU-RGNUL Advanced Center for Research in Forensic Justice' on 17th March 2022. The agreement was signed by Dr J.M. Vyas, Hon'ble V.C. of NFSU and Prof. (Dr.) G. S. Bajpai, Hon'ble V.C. of RGNUL.



MoUs WITH FOUR MAJOR SECURITY THINK TANKS AND INDUSTRIES



During a two-day NFSU Security Colloquium organised by School of Police Science and Security Studies of NFSU, four MoUs were signed with different security related Think Tanks and Industries on 2nd March 2022. The MoUs were signed in the presence of Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU. The first MoU was signed with Adani Enterprises Ltd., in effect, with the Adani Group Security department which provides security to all its group companies. President, Security of Adani Group, Col V.S. Chandrawat, SM, CPP, signed the MoU. The next MoU was signed with MitKat Advisory Services Pvt. Ltd, an international firm which provides integrated Security and Risk Mitigation Solutions and Services to the top corporate entities. Col S.M. Kumar, Co-founder and M.D. of MitKat Advisory Services Pvt. Ltd. signed the MoU. The next MoU was signed with the Global Counter Terrorism Council (GCTC), an International non-profit Think Tank, devoted to conflict resolution on issues of national security especially terrorism, cyber security, energy security, etc. The MoU was signed by Shri Aditya Tikoo, the Founder Convener of GCTC. The last MoU was signed with The Peninsula Foundation (TPF), an international think tank based at Chennai and working on public-policy research, international relations, security and technologies. It was signed by its Founder Chairman & President, Air Marshal (Dr.) M Matheshwaran AVSM, VM. The MoUs with these security entities and think tanks will facilitate the Homeland Security Students in enhancing knowledge, undertaking research, organizing academic & professional training programs, and internships.

NFSU SIGNS FIVE MoUs AT DELHI CAMPUS



On March 22, 2022, NFSU signed MoUs with five leading companies engaged in work related to the University's various interests at the LNJNI Delhi Campus in the presence of the Hon'ble Vice Chancellor, Dr. J.M. Vyas. Amongst these companies, one was ANCOR which is a known for developing indigenous Electronic Warfare (EW) systems in India. Another was Aspirify Enterprises Pvt Ltd which is a Startup India certified organization specializing in Cyber Security Domain. DILABS is a leading solution provider for wide ranging applications in Aerospace and Avionics for civil as well as military applications. India Internet Foundation is a not-for-profit organization which provides Critical Internet Infrastructure, multilingual Internet, Network Forensics, Quantum Internet & Internet standard. Another company, MapMyIndia is India's leading digital mapping, geospatial software and location-based IoT deep-tech company, offering proprietary digital maps as a service ("MaaS"), software as a service ("SaaS") and platform as a service ("PaaS"). The MoUs were signed by the Campus Director of the Delhi campus, Prof (Dr) S.K. Shukla, and representatives from the respective companies.

MoU WITH FSL DELHI



NFSU and FSL, Government of National Capital Territory of Delhi signed a Memorandum of Understanding on 16th March 2022 for promoting academics, training and research. The MoU was signed in the presence of Dr. J.M. Vyas, Hon'ble V.C. of NFSU by Ms. Deepa Verma, Director, FSL-GNCT of Delhi and Shri C.D. Jadeja, Executive Registrar of NFSU.

MoU SIGNED WITH CHANDIGARH POLICE

NFSU signed a landmark MoU with Chandigarh Police on 27th March 2022. Shri Amit Shah, Hon'ble Union Home Minister and Minister for Cooperation graced the occasion at Chandigarh Police Complex, Dhanas, at Chandigarh. Hon'ble Governor of Punjab cum Administrator of Union Territory of Chandigarh, Shri Banwarilal Purohit, along with the Union Home Secretary, Govt. of India, Shri Ajay Kumar Bhalla IAS, also graced the occasion. The MoU was signed by Prof. (Dr.) S.O. Junare of NFSU and Shri Praveer Ranjan IPS, DGP of Chandigarh. The MoU will facilitate training for Chandigarh Police personnel on the subjects of Forensic Sciences and Cyber Crime investigations as well as deploying NFSU trained students to help the Chandigarh Police in forensic investigation of crimes. Shri Amit Shah highlighted the task being undertaken by the NFSU and hoped that this MoU will go a long way in helping the Chandigarh Police in improved scientific investigation. Excerpts of the speech could be accessed at the given Q Code.



MoU FOR SETTING UP OSINT LABORATORY



NFSU signed a Memorandum of Understanding (MoU) on 18th April 2022 with TechConPro, a technology consultancy company, for establishing an OSINT Laboratory. The MoU was signed in the presence of Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU by Shri Sanjay Sahay, Director of TechConPro, Karnataka and Prof. (Dr.) S.O. Junare, Campus Director, NFSU. The event was also attended by Shri C.D. Jadeja, Executive Registrar of NFSU, Prof.(Dr.)Purvi Pokhariyal, Prof. (Dr.) Naveen Kumar Chaudhary, Air Commodore K.R. Thaakar, Dr. Dharmesh Silajiya, Dr. Rajesh Babu, Shri. R.N. Guna, and Dr. Surabhi Mathur.

MoU TO PROMOTE INDIC KNOWLEDGE SYSTEM

A MoU was signed with Bharat Shodh Sansthan (BSS), Ahmedabad to promote Indic Knowledge System on 6th April 2022. The MoU was signed by Prof. (Dr.) S.O. Junare of NFSU and Shri Bharat Pandya of BSS. The aim of the MoU is to collaborate for promoting academics and research in the Indic subjects such as History, Sociology, Astronomy, National Security, Medicine, etc.



MOU SIGNED WITH MAHINDRA DEFENCE SYSTEMS LTD

Mahindra Defence Systems Limited (MDSL) signed MoU for wide ranging activities with NFSU on 28th April 2022 in the presence of Dr J.M. Vyas, Hon'ble Vice Chancellor of NFSU. MoU was signed by Prof. (Dr.) Purvi Pokhariyal, Campus Director, NFSU and Mr. Jasbir Singh Solanki, CEO- Homeland & Cyber Security, MDSL. Besides internship for Homeland Security students, various areas such as conduct of joint training, undertaking joint projects, and even development of a Mobile Forensic Van were considered. The event was coordinated by Air Commodore K.R. Thaakar, Dean of School of Police Science and Security Studies (SPSSS). Dr. Pooja Ahuja, Associate Professor at School of Forensic Science, Dr. Digvijaysinh Rathod, Associate Professor of School of Cyber Security and Digital Forensics, and Shri Keval Pandya, Faculty of SPSSS were also present.



TRAINING ACTIVITIES

TRAINING FOR CBI OFFICERS AND ATS OFFICERS OF U.P.



A 5-Day training programme for officers of Central Bureau of Investigation (CBI) and Anti-Terrorism Squad (ATS) officers of Uttar Pradesh was conducted by NFSU's School of Cyber Security and Digital Forensics (SCSDF) on "Drone Forensics, Cryptocurrency and Internet of Things" from 7th March to 11th March 2022. A total of 36 officers were provided hands-on training on key aspects of Cyber Security & Digital

Forensics including Drone Forensics, IoT Forensics, Cryptocurrency Forensics, Dark Web & Deep Web Forensics, and Mobile Security & Forensics. The officers were addressed by the Hon'ble Vice Chancellor, Dr. J. M. Vyas.

TRAINING TO IDENTIFY CRIMINALS USING IMAGES

School of Forensic Science of NFSU conducted a 5-day online training programme on "Using Images to Identify & Convict Criminals & Terrorist" in collaboration with Super Recognisers International (SRI), U.K. from 18th April to 22nd April, 2022. The training was conducted by Dr. Surabhi Mathur, Senior Asst. Professor of SFS and was attended by number of Indian forensic scientists, police officers and academicians.

TRAINING ON 'PREVENTIVE FORENSICS' FOR CHIEF VIGILANCE OFFICERS

The Chief Vigilance Officers (CVOs) of Nationalized Banks, Insurance Companies and officers from Central Vigilance Commission underwent training at NFSU from 27th April to 29th April 2022. A total of 26 CVOs participated in the training on 'Preventive Forensics' which included training on digital forensics, trends in insurance frauds, crypto currency investigation, dark web and dark net investigation, etc.



TRAINING FOR OFFICERS OF ENFORCEMENT DIRECTORATE

The Officers of the Enforcement Directorate (ED) underwent training at the National Forensic Sciences University, Gandhinagar on the subject of 'Cyber Forensic Tools'. A total of 21 officers of ED from all over the country participated in the training from 25th April to 30th April 2022.

TRAINING ON "MATLAB FOR FINANCIAL APPLICATIONS"

School of Management Studies (SMS) of NFSU organized a workshop on "MATLAB (Matrix Laboratory) for Financial Applications" on 13th April, 2022. It was conducted by Mr. Dhiraj Jagtap of Mathworks for the students of MBA Forensic Accounting. MATLAB is a high-level language and interactive environment for numerical computation, visualization, and programming. The Technical Session was handled by Dr. Siddharth Dabhade, Assistant Professor of SMS and the event was coordinated by Dr. Haresh Barot, Dean, SMS.



WORKSHOPS / SEMINARS / CONFERENCES

JOINT WORKSHOP WITH VAMNICOM FOR CEOs/MDs OF COOPERATIVE BANKS



NFSU and Vaikuntha Mehta National Institute of Cooperative Management (VAMNICOM), Pune, jointly organised a 2-day National Workshop on Banking Regulations (Amendment) Act 2020 and Management of State Cooperative Banks for the Managing Directors and Chief Executive Officers of State Cooperative Banks. Dr. D.K. Singh IAS, Secretary, Ministry of Cooperation, Govt. of India, inaugurated the workshop on 1st March 2022, in the august presence of Dr. J.M. Vyas, Hon'ble V.C. of NFSU and Dr. Hema Yadav, Director-VAMNICOM. The dignitaries who joined in lighting the lamp for inauguration were Shri Konduru Ravinder Rao, Chairman, NAFSCOB; Shri Bhima Subrahmanayam, President, ICBA & MD, NAFSCOB; Dr. S.O. Junare, Campus Director, NFSU Gandhinagar; and Dr. Y.S. Patil, Programme Director, VAMNICOM, Pune. Besides these dignitaries, the workshop was addressed by Shri Satish Marathe, Director, Central Board of RBI; Shri Shaji K V, Deputy Managing Director, National Bank For Agriculture & Rural Development, Mumbai; Shri Ravikiran Mankikar, Advisory Consultant IT & Security and Dr. Y.S. Patil, Programme Director, VAMNICOM. Certain Group Presentations were also held during the workshop. In the concluding session, valedictory address was delivered by Shri Dileep Sanghani, President, National Cooperative Union of India (NCUI) & Chairman, IFFCO. Other dignitaries who spoke on the occasion were Shri G.H. Amin, Chairman, Gujarat State Cooperative Union, Ahmedabad; Shri Vijay Kumar IAS, Additional Secretary, Ministry of Cooperation, Govt. of India; Dr. Hema Yadav; Dr. Y.S. Patil; and Dr. S.O. Junare. The entire workshop was conceptualized and coordinated by Prof. (Dr.) S.O. Junare, Campus Director of Gujarat Campus of NFSU.

'GLOBAL LAW LEARNING WEEK' CELEBRATED AT NFSU



The School of Law, Forensic Justice and Policy Studies (SLFJPS) of NFSU celebrated the 'Global Law Learning Week' from 2nd March to 9th March, 2022, with an aim to discuss and understand the diverse aspects of law with reference to different countries. On this occasion, Prof. (Dr.) Purvi Pokhariyal, Dean of SLFJPS, welcomed the international guests with a bouquet of flowers and introduced Prof. Stephen G Barnes, who is an expert in litigation and the Assistant Dean, Graduate and International Programs, Penn State Law, Penn State University, Pennsylvania. She touched upon the importance of learning and comparing the Constitution of various countries. Prof. Barnes gave an introduction to the U.S. Constitution and Judicial Review. He focussed on the powers, federal structure, rights and responsibilities of the states, and the concepts embodying the U.S. government.

On the second day eminent speakers were Professor Adam Dubin and Dr. Jill Callahan Engle. Professor Dubin spoke on 'comparative human rights with a special focus on torture, solitary confinement and policing'. The central arguments of the discussion were prison management and their implications in terms of the rights of the prisoners experiencing torture and trauma. Dr. Engle discussed professional responsibility in legal practice and how it is critical to comprehend the relationship between ethics and professionalism. In remaining days, eminent speaker Dr. Jill Callahan Engle and Dr. Mel Flanagan discussed the importance of clinical education, the idea of responsibilities and ethics, contextualizing it in the legal domain and eliminating bias in the justice system and practising fairness, respect and accountability. The emphasis was on the deleterious implications of biases and how this impedes justice. The students of B.Sc.-LL.B. (Hons.), LL.B. (Hons.), and LL.M. were especially benefitted. The overall event was coordinated by Ms. Ayushi Sharma and Ms. Mradul Singh, both TRAs of the school.

WORKSHOP ON LEGAL STARTUPS

On 19th April 2022, the School of Law, Forensic Justice and Policy Studies of NFSU organised a day-long workshop on 'Legal Startups'. It was conducted by Mr. Kalpesh kumar L. Gupta, Associate Professor Law of Parul University. On this occasion, Mr. Shubham Pandey, Teaching and Research Assistant, extended a floral welcome to the guest. The esteemed speaker oriented the students on the various challenges and opportunities in the field of law to begin the Start up. He went on to cite various examples of small and big start-ups in the legal sector and later gave in-depth introduction of his own Startup, 'Pro-Bono India'. In subsequent sessions, some practical exercise on how to start a Start-up was given.



ONLINE WORKSHOP CONDUCTED ON EEG-NEUROFEEDBACK



An online Workshop on 'EEG-Neurofeedback-2022: Design, Methods & Applications' was organised by School of Behavioural Science (SBS) of NFSU in collaboration with Axxonet Systems Pvt. Ltd., Bengaluru on 23rd-24th March 2022. The workshop aimed to augment familiarization with common Electroencephalogram (EEG) methods, analysis of EEG signals and various EEG-Neurofeedback protocols with its clinical applications. Number of international and national speakers such as Dr. Andreas Wutz of University of Salzburg, Austria, Dr. Arun Sasidharan, Scientist C at NIMHANS, Bengaluru, Additional Prof., Dr. Kamlesh Jha of AIIMS, Patna, Mr. Sumit Sharma, Chief Technical Officer of Axxonet Systems Pvt. Ltd., Bengaluru, etc.

participated. The scientific sessions were chaired by eminent professionals like Prof. (Dr.) C.R.Mukundan, Emeritus Prof. of NFSU; Dr. Madhu Singh, Director, B. M. Institute, Ahmedabad; and Ms. Amita Shukla, Dy. Director, Directorate of Forensic Science, Gandhinagar. More than 135 participants including 40 professionals, joined the online workshop. During the valedictory session, Prof. (Dr.) S.O. Junare, Campus Director presented his insights to the participants.

WORKSHOP ON DRAFTING AND REVIEWING COMMERCIAL CONTRACTS

A 2-day workshop on "Drafting and Reviewing Commercial Contracts" was organised by the School of Law, Forensic Justice and Policy Studies (SLFJPS) of NFSU on 25-26, April 2022. Mr. Bhmesh Verma, Managing Partner, Corp Comm Legal, New Delhi was the Resource Person. Prof. (Dr.) Purvi Pokhariyal, Campus Director and Dean of SLFJPS, welcomed the guest and urged students to learn the actual work of a lawyer related to commercial contracts. The workshop was moderated by Ms. Lahama Mazumdar, Teaching and Research Assistant of SLFJPS. The workshop aimed to impart understanding of contracts in terms of current state of contract drafting process, shortcomings of conventional style, protecting client's interest, different kinds of contracts, and drafting different critical clauses. Mr. Bhmesh Verma helped the students review templates on Non-Disclosure Agreement, Service Agreement and Lease agreement.



GUEST TALKS

TALK ON 'DRONE REGULATIONS' DELIVERED BY INTERNATIONAL EXPERT PROF. RICKY LEE



The School of Law, Forensic Justice and Policy Studies (SLFJPS) of NFSU organised an expert talk on the topic 'Drone Regulations' by Prof. Ricky Lee, Professor of Law, University of Notre Dame, and Sydney, Australia on 13th April 2022. Prof. (Dr.) Purvi Pokhariyal, Dean of SLFJPS, welcomed the esteemed guest, presented a memento. Prof. Ricky Lee discussed the types of drones and its various usages in different countries in a very elegant way. Students from Law, Cyber security and Engineering participated in the talk and received contemporary knowledge on the laws and technologies related to the drones.

EXPERT TALK ON CLIMATE CHANGE AS SECURITY THREAT FOR INDIA

NFSU's School of Police Science and Security Studies (SPSSS) organized a guest talk on 'Climate Change as an Unconventional National Security Threat and Its Implications for India' on 3rd March 2022. The expert session was conducted by Group Captain S.N. Mishra, a veteran Indian Air Force Meteorological officer and Expert Consultant of Climate Change at FAMS. The Guest Speaker emphasized on impact of various strategic resources on Energy Security, Climate Change, and Food Security. Further, he highlighted the conflict over water resources, especially sharing of water of Indus River System between India-Pakistan, and of rivers originating in Tibet over India-China.



TALK ON SECURITY OF CRITICAL INFRASTRUCTURE BY SENIOR VP OF RELIANCE INDUSTRIES



A Guest Talk on 'Modalities of Managing a High Value Critical Infrastructure' was organized by School of Police Science and Security Studies (SPSSS) of NFSU on 3rd March 2022 by Col. Subin Balakrishnan, Senior V.P. of Security & Vigilance at Reliance Industries Ltd. He discussed various contemporary energy issues and increasing responsibilities of security professionals to protect critical infrastructures. He also covered the role of technology to strengthen a multi-tiered security architecture and emphasized on managing unplanned disruptions.

SPECIAL TALK ON INDUSTRIAL STEEL STRUCTURES

An expert session on 'Industrial Steel Structures : Conceptualization to Application' was arranged by Forensic Structural Engineering faculty on 2nd April 2022. Mr. Shashin Patel, Structural Consultant from S3M Design Consultancy was invited as a guest speaker. Participants from various government and private sectors attended the expert session besides the faculty and the students of the School of Engineering and Technology (SoET). Dr. MeroolVakil, Programme Coordinator of SoET, inaugurated the Session.

EXPERT TALKS

Dr. Dharmesh Silajiya, Professor and Dean, School of Forensic Science and Medico-legal Studies of NFSU presented a paper on "Retrospective Analysis of 1988 Indian Airlines Flight 113 Boeing 737-200 Crash at Ahmedabad: Medico-legal-Investigation of Mass Disaster" at the 43rd Annual National Conference Forensic Medicon 2022 organized by Indian Academy of Forensic Medicine (IAFM) held at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow. Dr. Silajiya was also a chairperson for two sessions at the Conference held from 28th April to 1st May 2022 at Lucknow.

Ms. Ashwini Satpute, Research Scholar, and Dr. Astha Pandey, Associate Professor at School of Forensic Science of NFSU, presented a paper on "Forensic Polycyclic Aromatic Hydrocarbons Profiling for Source Identification in Fire Investigation" during the 9th International Conference on Advanced Research and Innovation held on 4th - 5th March 2022.

Dr. Abraham Johnson and Dr. Gargi Jani, School of Medico-legal Studies of NFSU conducted a workshop on "3D Scanning and 3D Printing in Forensics" in the 4th International Conference on Forensic Odontology and Child Abuse at King's George Medical University on 31st March, 2022.

Air Commodore K.R. Thaakar, Dean, School of Police Science & Security Studies, delivered an online talk on 'Armed Conflict Prevention, Management & Resolution' for the students of Parul University on 16th April 2022.

Dr. Kalgi Shah, Assistant Professor at School of Management Studies conducted an expert session on 'Questionnaire Designing' at the Research Methodology Workshop organised by B.K.School of Professional and Management Studies on 5th March 2022.

Dr. Dharmesh Silajiya, Professor & Dean, School of Forensic Sciences & Medico-legal Studies of NFSU delivered an expert lecture on "Types of Autopsies and Analysis of Post Mortem report" at CBI Academy, Ghaziabad on 7th May 2022.

Dr. Abraham Johnson, Asst. Professor of School of Medico-Legal Studies, NFSU Gandhinagar Campus delivered an online talk on "3D Forensic Practices – an Indian Perspective" to the Forensic Capability Network, United Kingdom on 7th April, 2022.

Dr. Malay A. Shukla, Asst. Professor of School of Forensic Science of NFSU delivered a guest talk on "Technological Advances in Forensic Science" during a 2-day Seminar on "The Role of Forensic Science and Forensic Medicine in Crime Scene Management", for the Gazetted Officers of Madhya Pradesh Police Department organized by Police Training College, Indore on 14th March 2022.

Dr. Malay A. Shukla, Asst. Professor of School of Forensic Science of NFSU delivered guest talk on "Advances in Wildlife Forensics: Importance of Human Interface in Wildlife Crime Investigation" during a virtual training course on "Forest management for sustainable use of natural resources" organized by College of Forestry, Banda University of Agriculture and Technology, Uttar Pradesh on 22nd March 2022.

Dr. Arpan Datta, Assistant Professor at School of Forensic Science, NFSU-Tripura campus, presented an invited talk on "Technological Advancement - Artificial Intelligence an added Advantage" organised by Techno College of Engineering, Agartala, Tripura.

Dr. Richa Rohatgi, Assistant Professor of Forensic Science at NFSU Delhi Campus, delivered an expert talk on 'Crime Scene Investigation with special reference to road accident investigations' during 'Add-on Certificate course on Cyber Security and Digital Forensic' organized by 'Rajdhani College, University of Delhi' in March 2022.

Dr. Richa Rohatgi, Assistant Professor of Forensic Science at NFSU Delhi Campus, delivered a planetary lecture on 'Applications of Forensic Anthropology: A Multi-faceted Discipline' during IUAES-WAU World Anthropology Pre-Congress 2022 organized by 'International Union of Anthropological and Ethnological Sciences' and hosted by University of Lucknow on 25-26 March 2022.

Dr. Seema Malhotra, Assistant Professor at School of Forensic Science NFSU, Delhi campus delivered an expert talk in course on 'Use of science and technologies in Police Work of IO's for rank of ASI to Inspector from 04.04.2022 to 06.04.2022 at STC/Delhi Police Academy, New Delhi.

Dr. Tanya Chauhan, Assistant Professor at School of Forensic Science of NFSU Delhi Campus, delivered an expert talk on "Forensic evidence at the SOC in Sexual Offence case and Collection, Preservation and packaging of Biological material" during a course on "Investigation of Crime Against Women and Children" organised by Haryana Police Academy at Madhuban on 4th March, 2022.

Dr. Supriya Krishna, Assistant Professor at School of Forensic Science, NFSU, Delhi Camous, delivered a guest lecture on 'Significant areas of scientific and technological advances relevant to police work - Use of forensic science and forensic medicine in prevention, detection and investigation of crimes.' during 'Investigation of heinous cases: Advance course in scientific investigation' organized by Delhi Police Academy, New Delhi on 4th April 2022.

Mr. Sarang Rajvansh, Assistant Professor at School of Cyber Security & Digital Forensics, NFSU, delivered an expert talk on 'Data acquisition from Drone camera' during online training programme on Drone Technologies, organized by Central Academy for Police Training on 2nd March 2022.

Mr. Sarang Rajvansh, Assistant Professor at School of Cyber Security & Digital Forensics, NFSU, delivered an expert talk on 'Drone FlightPath Planning' during online training programme on Drone Technologies, organized by Central Academy for Police Training on 3rd March 2022.

Dr. Parag Shukla, Assistant Professor at School of Cyber Security & Digital Forensics, NFSU, delivered an expert talk on 'Vulnerability Assessment and Penetration Testing' organized by Harivandana College on 5th March 2022.

Ms. Saptarni Majumdar, student of MA Criminology – Semester IV, presented a paper on 'From Bedrooms to Courtrooms: The legality of Marital Rape in India' in the National Seminar on 'Deconstructing the contours of women's rights in marriage' under the theme of 'Identification of Abusive Relationships and Prevention of Domestic Violence' on 8th March 2022.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study, delivered a lecture on 'Nuances of Cyber Crimes' held on 24th April 2022 in a event organized by the Association of Indian Law Institute Alumni, New Delhi.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study, delivered a keynote address on 'Family dispute and ADR Mechanism' in a 2-day National Conference held on 26th-27th April, 2022 at Jyoti Vidyapeeth Women's University, Jaipur.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study, was invited as Chair for the technical session at a National Conference on Gender Justice: Fostering Diversity, Equity and Inclusion organised on 1st April 2022 by SOL, Christ University, Ghaziabad, UP.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study, was invited to deliver two expert lectures in the Value Added Course on Law and Forensic Science held from 28th March-1st April, 2022 at the Oriental University.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study was invited to adjudicate the 6th Anand Swaroop Gupta Memorial International Moot Court Competition at School of Law, Sharda University, Greater Noida, U.P. on 4th April 2022.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study delivered a lecture in NCW Workshop on Capacity Building and Personality Development on 16th March 2022 at RGNUL Patiala.

Dr. Navtika Singh Nautiyal, Assistant Professor of the School of Law, Forensic Justice and Policy Study was invited to adjudicate the Quarter Final round of 16th S.P. Sathe International Moot Court Competition held on 11th March 2022 at ILS Pune.

PUBLICATION OF BOOKS AND PAPERS

Dr. Pooja Ahuja, Associate Professor, and Dr. Niha Ansari, Asst. Professor of School of Forensic Science, NFSU Gandhinagar Campus published a book chapter on "Virtopsy: A New Era in Forensic Medico-Legal Autopsies" in the book "Autopsy - What Do We Learn from Corpses?" published by Intech Open in April, 2022.

Dr Arpan Datta Roy, Assistant Professor, School of Forensic Sciences, NFSU-Tripura Campus, has published a book chapter titled "COVID-19 and Mental Health of Students: Role of Teacher in Managing Stress, Anxiety and Social Distancing among Learners" in a book 'COVID-19 and its impact on Education' published by New Delhi Publishers in April 2022.

Dr. Richa Rohatgi, Assistant Professor of Forensic Science at NFSU Delhi Campus along with Dr Vikas (Asst.Prof, Physics) and Dr SP Kori (Asst.Prof, Forensic Science) have published a chapter 'Nanophosphors: Emerging Materials for Forensic Applications' in a book 'Luminescence: Theory and Applications of Rare Earth Activated Phosphors' published by De Gruyter (Web of Science and SCOPUS indexed) in March 2022.

Dr. Dharmesh Shilajiya, Dean, Dr Dhvani Patel, Asst. Professor, and Dr Arjun Kundu, Research Scholar, of School of Medico-Legal Studies, published a paper titled "Cephalometric Analysis for Gender Determination using Maxillary Sinus Index in Population of Gujarat, India" in International Journal of Ethics, Trauma and Victimology (IJETV) Vol. 7 Issue 2, 2022.

Dr. Dhvani Patel, Ms. NeelkamalBhattu, Ms. Pankti Patel and Ms. Swati Kanojia of School of Medico-legal Studies, NFSU Gandhinagar Campus published a review paper titled "Reformation in Legal system and Governance to curb cyber terrorism" Academic journal of Forensic Sciences Vol. 05 Issue 01 April 2022

Mr. Saurabh Kumar, Mr. Eshan Das, Dr. Pooja Ahuja and Dr. Rajesh Babu, School of Forensic Science, NFSU Gandhinagar Campus published a paper on 'Ballistic efficiency of Corchorus fiber and aramid reinforced epoxy composite for armor material application' in Materials Today : Proceedings, 2022.

Dr. Abraham Johnson, Dr. Astha Pandey, and Dr Gargi Jani from School of Forensic Science and School of Medico-legal Studies, NFSU Gandhinagar Campus published a paper on "Application of 3D scanning and 3D printing in forensic practices - A preliminary survey among forensic practitioners in India" in the Forensic Imaging (Elsevier) - Volume 28, March 2022.

Dr. Abraham Johnson and Dr. Jyotirmoy Roy, School of Medico-legal studies published a paper on "Reliability of aspartic acid racemization rate for chronological age estimation—a systematic review and meta-analysis" in International Journal of Legal Medicine -2022 (Springer, Impact Factor – 2.68).

Ms. Heenaba Jadeja, Ms. Vaishali Abrol and Dr. G. Rajesh Babu of School of Forensic Science, NFSU Gandhinagar Campus published a research paper on "Comprehensive dermatoglyphics study on ridge dimensions, pore size and assessment of the sweat composition among the industrial workers" in International Journal of Medical Toxicology & Legal Medicine Vol. 24 Jan - Jun 2021 edition.

Ms. Sheenthai Rajkumari, M.Tech. student of DIT University, Dehradun, Dr.Kanan Thakkar , Assistant Professor at School of Engineering and Technology of NFSU, and Mr. Harsh Goyal Assistant Professor, Dehradun University have published a review article on "Fragility analysis of structures subjected to seismic excitation: A state-of-the-art review" in 'Structures', 40, 2022

Dr. RutwikShedge, Assistant Professor, School of Forensic Science, published a review article on "McKern-Stewart method as a technique for analyzing age related pubic symphyseal changes: A systematic review and meta-analysis" in Journal of Forensic Medicine, Science and Law on 7th April, 2022.

Dr. Sanay Naha, Assistant Professor, School of Forensic Sciences, NFSU-Tripura Campus, published a research article on "Synthesis of Chromone Mediated Aldimines and their Application for Cyanide and Cobalt Sensing", in Global Research Journal of Chemistry on 12th April, 2022.

Dr. Hemen Dave, Assistant Professor of School of Pharmacy has presented a research paper titled 'Air Pollution and Economic: Thinking Beyond Climate Change' at 14th International Conference on Transforming Business in ESG (Environmental, Social, Governance)' organized by Ganpat University, Mehsana on 12th-13th March, 2022.

Ms. Ashwini Satpute, Research Scholar and Dr. Astha Pandey, Associate Professor of School of Forensic Science of NFSU presented a paper in a virtual mode on "Forensic Polycyclic Aromatic Hydrocarbons Profiling for Source Identification in Fire Investigation" during the 9th International Conference on Advance Research and Innovation organized by CT University on 4th-5th March 2022.

Dr. Harshad Patel, Assistant Professor, and Ms. Archana Zala, Research Scholar at School of Engineering and Technology, have published a research article on "Two-dimensional Quantitative Structure-Activity Relationship Study on Polyamidoamine Dendrimers as a Multivalent Inhibitor of Channel-forming Bacterial Toxins" in Asian Research Journal of Current Science, Vol 4(1), 2022.

Dr. Harshad Patel, Assistant Professor, and Ms. Archana Zala, Research Scholar at School of Engineering and Technology, have published a research article on "Dendrimer Enhanced Fingerprint and Explosive Detection: A Critical Review" in Engineered Science Journal in April 2022.

Dr. Deep Pooja, Assistant Professor, School of Pharmacy and Dr. A.K. Jangid, Dr. R. Solanki, Dr. S. Patel, Dr. K. Medicherla, and Dr. H. Kulhari, have published an article titled "Improving Anticancer Activity of Chrysin using Tumor Microenvironment pH-Responsive and Self-Assembled Nanoparticles" in the ACS Omega in April 2022.

Dr. RasikTanna, Assistant Professor, School of Law ,Forensic Justice & Policy Studies, NFSU published a research paper on "Literature as a source to learn tactic and concept to learn law subjects" in UGC approved "The International journal of analytical and experimental modal analysis" Volume XIV, Issue III, March/2022, published on 23th March, 2022.

ACHIEVEMENTS



STUDENT WINS BEST PAPER AWARD AT NATIONAL CONFERENCE ON FORENSIC SCIENCE AND DIGITAL FORENSIC

Dr. Neelkamal Bhattu, a student of School of Medico-legal Studies, guided by Dr. Dhvani Patel, Asst. Professor of NFSU was awarded the Best Paper Presentation award during the 1st National Conference on Forensic Science and Digital Forensics, 2022 organized by Applied Forensic Research Sciences.



RESEARCH SCHOLAR BAGS SECOND PRIZE IN INTERNATIONAL CONFERENCE ON FORENSIC SCIENCE

Ms. Vaishali Abrol, Research Scholar of School of Forensic Science of NFSU bagged 2nd prize for the Research Paper presented on "Contemporary methods for fingerprint examination: Study of friction ridge morphology and morphometry as a potential marker of gender identification" during the 1st International Conference on Forensic Science organized by JAIN (Deemed-To-Be-University) at Bengaluru from 10th to 12th February, 2022.



“ Our Police is accused of either
'No Action' or 'Extreme Action' but what is
needed is 'Just Action' and this can happen
only if we proceed with the investigation
based on scientific evidence. ”

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



**National Forensic
Sciences University**
Knowledge | Wisdom | Fulfilment
An Institution of National Importance
(Ministry of Home Affairs, Government of India)