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HON'BLE PRIME MINISTER, SHRI NARENDRA MODI VISITS NFSU ENCLOSURE IN DEFENCE EXPO-2022



National Forensic Sciences University (NFSU), world's first and the only forensics university, has rapidly propelled advancements in technology by establishing state-of-the-art Centres of Excellence for Narcotic Drugs & Psychotropic Substances (NDPS), Ballistics, Cyber Security, Digital Forensics, DNA Forensics, and Forensic Psychology. It is with this background that NFSU embarked upon in a big way in the Defence Expo 2022 held at Gandhinagar from 18th to 22nd October 2022. It was both, a platform for the NFSU to showcase the wide-ranging innovative projects and technologies developed in-house as well as an opportunity for the Armed Forces, CAPFs and defence industries across the world to collaborate for finding a wholesome solution.

As such, although a huge privilege, it was not surprising that despite the busy schedule, Hon'ble Prime Minister, Shri Narendra Modi made it a point to visit the NFSU enclosure. Needless to mention that it was Shri Narendra Modi who as the then Hon'ble Chief Minister of Gujarat, had conceptualized and created the pre-cursor to NFSU, Gujarat Forensic Sciences University in 2009. He enquired with the Hon'ble Vice Chancellor, Dr. J.M. Vyas about the recent developments made at NFSU. Dr. Vyas briefed him regarding various defence products and solutions indigenously developed by the faculty and the students of NFSU. Hon'ble Prime Minister was very pleased with the progress and hoped that this momentum will continue at NFSU.



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NFSU ENCLOSURE AT DEFENCE EXPO-2022 ATTRACTS DIGNITARIES



NFSU Enclosure at Defence Expo - 2022 at Gujarat Pavilion in the main arena at the Helipad Exhibition Centre (HEC) in Gandhinagar (Gujarat), attracted number of important dignitaries, foreign defence delegations, senior officers and senior veterans of all the three services and CAPF. Senior officials of leading industries also visited and evinced interest in NFSU's technology solutions. A large number of students of schools and colleges were also exposed to NFSU capabilities in Forensics as well as Defence and Homeland Security aspects. All of them highly appreciated the R & D being undertaken and solutions developed by NFSU. Some of the dignitaries who visited the stall were Shri P K Mishra, Principal Secretary to the Prime Minister of India; Dr. Satheesh Reddy, Scientific Advisor to Hon'ble Raksha Mantri; Shri Raj Kumar, Additional Chief Secretary, Home Department (now Chief Secretary), Gujarat; Lt Gen VK Khandare, Principal Advisor to Ministry of Defence; Lt Gen B.S. Raju, Vice Chief of the Army Staff; Air Marshal Sandeep Singh, Vice Chief of Air Staff; Lt Gen S.S. Mahal, GOC-in-C, Army Training Command; Vice Admiral Ravi Pandit, Commander-in-Chief, Strategic Forces Command; Vice Admiral A.B. Singh, FOC-in-C, Western Naval Command; Lt Gen M.K. Mago Commandant, National Defence College; Lt Gen P.C. Nair, Director General, Assam Rifles; Shri Nitin Gokhale, renowned media and defence expert, to name a few. In addition, Defence Delegations from Nigeria, Gambia and Rwanda also visited the NFSU stall. The planning for the NFSU stall was based on the concept and guidance of the Hon'ble Vice Chancellor, Dr. J.M. Vyas. Entire setting-up of the stall and briefing to the visitors was undertaken by Group Captain Ajay Purandare, Head, Centre for Futuristic Defence Studies (CFDS) and his team along with Dr. Nilay Mistry, Coordinator, CFDS. Air Marshal Ajit Bhonsle, Addl. Director (Training); Air Commodore K.R. Thaakar, Dean, School of Police Science and Security Studies; and Major General Jalaj Bhola, Advisor for Defence Projects, also supported in the conduct of the event.

FOREIGN DEFENCE MINISTERS AND DIGNITARIES VISIT NFSU



During Defence Expo-2022, number of foreign Defence delegations and dignitaries visited the NFSU Campus. Each of the visitors were given a presentation about NFSU and subsequently, a visit to various State-of-the-Art Centres was conducted such as Centre of Excellence in Cyber Security, Ballistics, Narcotic Drugs and Psychotropic Substances and Forensic & Investigative Psychology. Air Marshal K Anantharaman, VSM, Air Officer Incharge Administration of Indian Air Force visited along with Air Commodore R. Kannan, VSM, Provost Marshal (Air) at Air HQs. A Uganda delegation led by Hon'ble Minister of State for Defence & Veteran Affairs, Ms. Hajjat Oleru Huda Abason, and comprising Dy. High Commissioner of Uganda in India, Dy. Cdr of Land Forces and other members, visited NFSU. The delegation also held discussions with Dr. J.M. Vyas, Hon'ble Vice Chancellor especially about setting up of NFSU campus in Uganda. A high-level delegation from Rwanda consisting of Maj Gen Albert Murasira, Minister of Defence from Rwanda alongwith four other members visited NFSU and held extensive discussions with the Hon'ble Vice-Chancellor of NFSU. On same day, Lt. Gen. Vinod G. Khandare (Retd.), Principal Advisor in the Ministry of Defence, also visited NFSU and met Dr. J.M. Vyas. In addition, a team from IIT Madras comprising Prof. HSN Murthy and Rear Admiral A George visited NFSU. These visits were coordinated by Air Commodore K.R. Thaakar, Dean, School of Police Science and Security Studies along with Dr. Meroool Vakil, Associate Professor; Dr. Abraham Johnson, Asst. professor and Shri Keval Pandya, Lecturer at NFSU.

HON'BLE PRIME MINISTER HIGHLIGHTS NFSU TO STATE HOME MINISTERS



Hon'ble Prime Minister, Shri Narendra Modi specially highlighted NFSU in his address at the 'Chintan Shivir' of Home Ministers of States on 28th October, 2022. Speaking via video conferencing system, he stressed upon the role of forensic science, highlighted the capability of NFSU which is being harnessed by 70 foreign countries and exhorted the States to make use of this technology driven institution. Relevant part of the speech can be accessed at <https://youtu.be/zF2rd2xWHKQ>

IMPORTANT EVENTS

NFSU HOSTS INTERPOL'S DIGITAL FORENSICS EXPERT GROUP MEETING



Since 2016, every year INTERPOL brings together experts in Digital Forensics from across the world to deliberate on emerging cyber threats and explore creative solutions to such challenges in policing. Recognising the vast expertise and sustained effort in this field, INTERPOL decided that its annual meeting for 2022, the 7th Digital Forensics Expert Group (DFEG) meeting be hosted by NFSU in Gandhinagar, Gujarat from 8th to 10th November, 2022. Over the years, DFEG is attended by hundreds of practitioners from law enforcement, government agencies, and invited digital forensic companies and academic institutions. At NFSU, more than 400 participants including 59 International delegates took part in this DFEG meet. Along with it, an exhibition of the emerging solutions from various industries from around the world was also organized to showcase their products.

The inaugural function on 8th November 2022 was presided over by the Padma Shri Awardee, Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU. Along with him, the dais was shared by Mr. Chee Kiong Tan, Assistant Director, Support Office EDTI – INTERPOL; Mr. Fabio Bruno, Head of Digital Forensics Laboratory, Innovation Centre, INTERPOL; and Dr. S.S. Iyengar, Distinguished Professor, Florida International University (USA). After the welcome address by Dr. Vyas and Mr. Tan, Dr. Iyengar delivered the keynote address on "Global Cooperative Digital Forensics in the Era of Artificial Intelligence". Thereafter, in recognition of his remarkable contribution in the field of computer science and digital forensics, a Lifetime Achievement Award was presented to Dr. S.S. Iyengar on behalf of NFSU by Dr. J.M. Vyas and Mr. Fabio Bruno. The first presentation after the inauguration was made by Prof. (Dr.) Naveen Kumar Chaudhary, Dean of School of Cyber Security and Digital Forensics at NFSU on 'IoT Network Traffic Analysis: Opportunities & Challenges for Forensic Investigation'. He was followed by Dr Nilay Mistry, Associate Professor at NFSU on Social Media Forensics and ASINT, Dr. Surbhi Mathur, Associate Professor at NFSU on multimedia forensics and other international speakers. This was followed by hands-on exercises with industry leaders in different halls and laboratories. The day ended with a spectacular cultural event, wherein students and faculty of NFSU regaled the audience with local music and dance performances where the delegates too joined in local Garba.

On the Day-2, expert talks were delivered by Mr. Luis Filipe da Cruz Nassif of Brazilian Federal Police and other international speakers. The last presenter of the session was Prof: Matthew Sorrell, Director & CTO, Digital Forensic Sciences Australia Pty Ltd., Australia. The second half was devoted to the breakout sessions where the participants were divided into three different groups - Computer Forensics, Mobile Forensics and Multimedia, IoT and Cloud Forensics. The evening concluded with a networking dinner hosted by the Hon'ble Vice chancellor of NFSU at the iconic 'Rajwadu' restaurant in Ahmedabad, famous for its traditional Gujarati culture, hospitality and delicacies. Here the delegates witnessed traditional folk songs and dances by local artists as also performed along with them.

The Day-3 started with the discussion on Project 'LEADER' and case studies from different countries by Mr. Fabio Bruno and Mr. Rabin Basnyat Digital Forensics Analyst, LEADER - INTERPOL. Thereafter, talks were delivered by Mr Charles L. Cohen, from USA. After the lunch, representatives from Startups and Industry deliberated on bringing innovation in the digital forensics, followed by Mr Christopher Church, Senior mobile forensics specialist of INTERPOL, discussing emerging branches of Digital Forensics.

Despite being a three day long international event, NFSU conducted it flawlessly. It was planned based on the vision and guidance of the Hon'ble Vice chancellor, Dr. J.M. Vyas. It was executed by the Chief Coordinator, Prof. (Dr.) Naveen Kumar Chaudhary along with the Coordinator, Dr Nilay Mistry, and 17 different committees comprising large number of faculty, staff and students. Throughout, the overall guidance and support were provided by the Executive Registrar, Shri C.D. Jadeja, and the Gujarat Campus Director, Prof. (Dr.) Purvi Pokhariyal.



ACTIVITIES

NFSU TEAM INVITED TO SRI LANKA FOR SETTING UP CAMPUS



NFSU team comprising the Executive Registrar, Shri C.D. Jadeja and Campus Director of Gujarat Campus, Prof (Dr.) Purvi Pokhariya, was invited to visit Sri Lanka. The team visited Colombo from 3rd July 2022 to 9th July 2022. They were accompanied by Shri Chetan Mukundan, Global Advisor to the Governor's Office, Northern Province. On 4th July 2022, the team met with Shri Gopal Baglay, the High Commissioner of India, at the Indian High Commission in Colombo and discussed the potential for a NFSU campus in Sri Lanka. Later, the team held a meeting with the Shri Thiagarajah. Next day, the NFSU team met Shri C. D. Wickramaratne, Inspector General Police of Sri Lanka; Shri Sanjay Rajaratnam, Attorney General (AG) of Sri Lanka; Mrs. Farzana Jameel, President's Counsel; and Prof. Lalith Gamage, Vice Chancellor of Sri Lankan Institute of Information and Technology. On 6th July 2022, the NFSU team held a meeting with Hon'ble Minister of Public Security, Shri Tiran Alles who appreciated the need for such a University campus in Sri Lanka. Later, the team met with Senior Professor Sampath Amaratunge, Chairman of UGC and his team. Subsequently, the team visited the Judges Training Institute and met its Chairman, Justice K. Sripavan. The team also met officials of Criminal Records Division, CID, Digital Forensics, Scene of Crime, etc. On 8th July 2022, the team called on Hon'ble Minister of Justice, Shri Wijeyadasa Rajapakshe who expressed keen interest in capacity building for the Government Analysers' Department (GAD) which handles forensics in Sri Lanka. On 9th July 2022, the team visited the Sri Lankan National Police Academy (NPA) and were received by the Special Director NPA, DIG Madawatthe. Overall, it was a very fruitful visit where all the agencies expressed desire for a NFSU campus to strengthen their Criminal Justice Delivery System.

INTERNATIONAL POLICE EDUCATION CONFERENCE IN LONDON



NFSU was invited to participate in the 4th International Police Education Conference organized by London Policing College (LPC), U.K. held in London from 13th to 15th Sep 2022. Air Commodore K.R. Thaakar, Dean of School of Police Science and Security Studies, represented the NFSU. The event was held at Amazon Web Services HQ in Central London and was attended by senior police leaders, Police Attaches from Embassies, and academia from across the world. The aim of the conference was to shape responses to the three themes - violence against women, fraud and cyber crime, and new public disorder models. In a run up to this conference, LPC had conducted six workshops in Jul-Aug 2022 and its feedback was used as the framework for this conference.

During the inaugural session on 13th Sep 2022, welcome address was delivered by Mr. Rod Jarman QPM, President of the LPC on 'Emerging and International Perspectives'. Thereafter Air Commodore K.R. Thaakar delivered the first Keynote Address on "Cyber Crime and Fraud : Indian Perspective & Role of NFSU" which was very well received. In fact, this address prompted the LPC to not only invite him to join in the next day's Panel Discussion but in a rare gesture, also requested Air Commodore Thaakar to present a gist of his previous day's Keynote address for the benefit of participants who were not present on the inaugural day. The conference was organized with Keynote addresses followed by theme-wise group discussions, panel discussions and guest talks by speakers. On 15th September 2022, the international delegates visited the University of West London, nearly 160 year old public university at Ealing in London where number of police management courses including for newly recruited Metropolitan Police staff, are conducted. Later, the delegates visited the Buckingham Palace and nearby areas of Central London Security Zone for an onsite briefing and exposure on public order and other policing arrangements for the State Funeral for Her Majesty Queen Elizabeth II, scheduled four days later. Subsequently, the delegates visited the New Scotland Yard, the HQs of the London Metropolitan Police, for a detailed briefing on security arrangements. On 16th September 2022, Air Commodore Thaakar was invited at the famed King's College London (KCL). He first visited its Waterloo Campus of KCL and held discussions with Prof. Kim Wolff, Director of King's Forensics, and other faculty about the activities of NFSU. He later visited the Strand Campus at the Somerset House in London and met Dr. Vinicius Carvalho, Head of International Relations & War Studies. During both the meetings, the faculty expressed desire to collaborate with NFSU on various fronts.

DR. J.M. VYAS ELECTED AS VICE PRESIDENT OF INTERPA IN DHAKA



The 11th Annual Conference of the International Association of Police Academies (INTERPA) was held at Dhaka, Bangladesh on 12th to 14th September 2022. The conference, attended by 116 participants from 39 countries, was inaugurated by the Hon'ble Prime Minister of Bangladesh, Sheikh Hasina through a virtual platform. The theme of the conference was "Digitalization of Policing". NFSU being a member of INTERPA, attended the conference with a delegation comprising Shri C.D. Jadeja, Executive Registrar and Prof. (Dr.) Naveen Kumar Chaudhary, Dean of the School of Cyber Security and Digital Forensics. Prof.

Chaudhary chaired a session on 'Digitisation of Policing and Changing Threat Perception'. During the conference, Hon'ble Vice Chancellor of NFSU, Dr. J. M. Vyas was unanimously elected as Vice President of INTERPA. On 15th September 22, the NFSU team visited Dhaka University and National University of Bangladesh.

NFSU INVITED TO GLOBAL LAW DEANS' FORUM AND PROMINENT UNIVERSITIES OF U.K.



School of Law, Forensic Justice and Policy Studies of NFSU is the member of International Association of Law Schools and as such, had invited its Dean, Prof. (Dr.) Purvi Pokhariyal, to attend its Annual Meeting 2022 and the Global Law Deans' Forum. Both the events were hosted by the University of Oxford at Pembroke College from 26th to 29th September 2022. Prof. Pokhariyal participated in discourses on various themes of the conference, the major theme being "Legal Education in Post Pandemic: Lessons Learnt". She also spoke on law and technology and how to integrate both for tech-driven legal services sector.

During her visit to the U.K. from 23rd to 30th September 2022, she was invited at number of reputed institutions. On 24th September 2022, she visited Jesus College of the University of Cambridge and interacted with Prof. Jullian Huppert, Director of Center for Intellectual Forum. On 25th September 2022, Prof. Pokhariyal visited the Durham University and had a meeting with Arbitration Professors on strategies of Digital Arbitration Center that NFSU plans to establish. On 28th September 2022, she was invited at the HQs of the Commonwealth of Nations at the historic Marlborough House in London. She had held discussions with the Secretary General, the Rt Hon. Patricia Scotland; Assistant Secretary General, Dr. Luis Franceschi; and Dr. Suresh Yadav, Deputy Head at the Secretary General's Office. Dr. Patricia expressed keen interest to collaborate for training on cyber security, fraud investigation and other areas for commonwealth countries. Later, Prof. Pokhariyal visited head office of Boies Schiller Flexner LLP, a leading law firm of UK and met the Managing Partner and other partners of the firm. They found NFSU's law programme (Data Science and Law) very innovative and showed interest in collaborating with Arbitration Center activities. On 29th September 2022, she visited the University of Southampton on their invitation and made a brief presentation on NFSU.

INTERNATIONAL MEETING ON MEDICO-LEGAL CAPACITY IN SOUTH AFRICA



The African Centre for Medico-legal Systems (ACMS) was officially launched in Pretoria, South Africa, on 8th November 2022, marking a major step forward in the effort to strengthen forensic and medico-legal capacity in Africa. Immediately after that, the ACMS hosted its first 2-day International Organization Consortium Meeting for justice and medico-legal capacity-building at Pretoria on 9th-10th November 2022. The consortium brought together representatives from various international agencies, including the ICRC, the UN Office on Drugs and Crime, the African

Union Commission and Interpol, to discuss collaboration in this area. NFSU's Dr.G.ajesh Babu, Associate Professor and the Dean, School of Medico Legal Studies, was invited as an expert for this meeting. He apprised the delegates about the wide-ranging activities of NFSU and conveyed the readiness of the university to extend any professional and scientific support to ACMS for development of forensic and medico-legal capacity-building in Africa.

CAPACITY BUILDING IN FORENSICS BY NFSU IN NAMIBIA



NFSU has undertaken extensive Forensic Science capacity building in Namibia (Africa). Dr. G. Rajesh Babu, Associate Professor and the Dean, School of Medico Legal Studies, and Head of International Centre for Humanitarian Forensics (ICHF) at NFSU, Gandhinagar was selected to develop Forensic Science facilities for the Namibian Police Force. He was deputed by the Ministry of External Affairs, Govt. of India to the Namibian Police Forensic Sciences Institute, Windhoek for a period of three months from 8th June to 7th September 2022. In an event held at NFSU before his departure on 30th May 2022, Dr. J.M. Vyas, Hon'ble Vice Chancellor facilitated Dr. Rajesh Babu and wished him good luck. Dr. Babu undertook a series of professional training programs in crime scene investigation, unnatural death investigation, fire and arson, gunshot residue analysis, vehicular accident, personal identification, abused drugs analysis, etc. for the civil police, mortuary police, crime scene investigators, medical officers, forensic pathologists and forensic scientists. He also helped in developing comprehensive SOP for the criminal investigation with guidelines for different stakeholders. Contribution made by Dr. Rajesh Babu was well appreciated by the Government of Namibia as well as the High Commission of India at Windhoek.

NEPAL'S NATIONAL JUDICIAL ACADEMY DELEGATION VISITS NFSU

A 5-member delegation of National Judicial Academy of Nepal visited NFSU on 6th September, 2022. Dr. J. M. Vyas, Hon'ble Vice Chancellor of NFSU held extensive and productive discussion with the delegation led by Shri Baidya Nath Upadhyay, Executive Director-National Judicial Academy(NJA). Thereafter, Shri R.N. Guna, Deputy Director (Training), briefed the delegation about different activities of the university. Prof. (Dr.) Purvi Pokhariyal, Shri C.D. Jadeja, and Dr. Navtika Singh Nautiyal, also interacted with the delegation.



INTERNATIONAL CONCLAVE ON "FORENSIC ACCOUNTING AND FRAUD INVESTIGATION



NFSU's School of Management Studies (SMS) jointly organized an International Conclave on "Forensic Accounting and Fraud Investigation from 2nd to 3rd September 2022 with the Institute of Chartered Accountants of India (ICAI), New Delhi. More than 500 delegates from India as well as abroad comprising Chartered Accountants, Regulatory Officers, Forensic Accountants, Accounting Professionals, Academicians and Students participated in the conclave. The inaugural function was graced by Dr. J M Vyas, Hon'ble Vice Chancellor, NFSU; CA Aniket Talati, Vice President, ICAI; Prof. (Dr.) Purvi Pokhariyal, Shri. C.D. Jadeja, CA Charanjot Singh Nanda, Chairman, DAAB, ICAI; and Prof. (Dr.) S.O. Junare. Amongst other experts were Mr. Owen M. Hawker from FCPA, Australia; CA Deepjee Sighal from SAMA Audit Systems; Mr. Jasvinder Brar from KPMG; renowned cyber security expert, Mr. Amit Dubey; Shri. Satish Marathe from RBI; Shri Sanjay Kumar Gupta from Ministry of Corporate affairs; Shri Nilabhra Dasgupta from Income Tax department; Shri Dhanjay Singh from Ministry of Finance; Shri Nitesh Bhandari from SEBI; Shri. S. K. Yadav from SFIO; and Shri. P.K. Kaushik from EOW; to name a few. The Valedictory Ceremony was

presided over by Prof. (Dr.) Junare. The conclave was organized by Dr. Haresh Barot, Associate Dean, SMS, CA Amit Gupta, Secretary, ICAI and their team.

'CENTRE FOR HAPPINESS & WELL-BEING' INAUGURATED

A 'Centre for Happiness and Well-Being' was inaugurated at NFSU's Gandhinagar campus on 9th October 2022. It was inaugurated by Hon'ble Justice Ms. Sonia Gokani of High Court of Gujarat along with a 2-day National Conference on 'Mental Health & Well-Being for All - A Global Priority'. On this occasion, Prof. (Dr.) Purvi Pokhariyal, Campus Director gave the welcome address. Hon'ble Vice-Chancellor of NFSU, Dr. J.M. Vyas, delivered the Inaugural Address. Prof. (Dr) Shekhar Seshadri, Chair Professor of NFSU, gave the keynote address. Hon'ble Justice Ms Sonia Gokani, addressed the gathering and shared her views and experiences on the subject. Dr. Beulah Shekhar, Chair Professor at the Delhi campus presented the vote of thanks. Eminent Psychiatrists, Psychologists, Counsellors and Mental Health Professionals attended the event. During the event, Shri C.D. Jadeja, Executive Registrar; Deans, faculty members and students were present.



DR. J.M. VYAS INVITED TO DELIVER 4TH DR. V.G. PATEL MEMORIAL LECTURE



Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU was invited to deliver the 4th Annual Dr. V.G. Patel Memorial Lecture organized by the Entrepreneurship Development Institute of India (EDII), Ahmedabad. The memorial lecture is held every year to commemorate the great work undertaken in the field of entrepreneurship by the founder of EDII and a Padma Shree awardee, Dr. V.G. Patel. The topic was 'How to Determine Success for Entrepreneurs'. While addressing the audience, he said that happiness and success are a state of mind, and no matter what the situation is, if the mind learns to act with objectivity, insight and wisdom, it will always devise ways to perceive situations of conflicts and failures in such a way that the state of happiness for the individual does not get affected. Since 1992, EDII has been bringing out the 'Journal of Entrepreneurship'. Its Special Issue on the occasion, edited by Prof. Ray Smilor, an internationally recognized expert in entrepreneurship from Texas Christian University of the USA, was released by the Hon'ble Guest, Dr. J.M. Vyas. During the event, Dr. J. M. Vyas also unveiled EDII's Logo to commemorate its 40th anniversary of foundation.

NFSU CELEBRATES CYBER AWARENESS MONTH

NFSU's School of Cyber Security & Digital Forensics (CFDS) at Gandhinagar campus celebrated the Month of October as Cyber Awareness Month. Dr. J. M. Vyas, Hon'ble Vice Chancellor, delivered the inaugural address and Dr. Naveen Kumar Chaudhary, Professor & Dean, CFDS kick started the celebrations with a Webinar on 'OT Cyber Security & Challenges'. On 7th October 2022, a Table Top Exercise was organized where the First prize was awarded to student, Neeraj Uikey, Second Prize to Aditya Pratap and the Third Prize had a tie between Himanshu Diwan and Shashi Raj. 'SOC Analyst Bootcamp' was organized in hybrid mode on 8th October 2022 with demonstrations on how SOC works, working of tools like Qradar to identify malicious traffic flow, Incident Response, malware analysis etc. An event, Cyber Yoddha (Blue Team vs Red Team), was organized on 11th October 2022 where the winners from the Blue Team were Anusha Chakraborty; Abhsihek Janshali and Niraj Kadam. In the Red Team, the winners were Divyot Singh, Om Prakash Nitin Sugandhi and Aditya Pratap. This was followed by a debate on "Is Cyber awareness a Social Responsibility or not?" where Mr. Nitish Deshpande was winner, Mr. Sankalp Loomba won the second prize, and Mr. Kunj Buddhdev and Mr. Dev Kumar were the joint winners for the third prize. In Cyber Adalat, in a case related to Phishing, legal arguments were to be made on the basis of scientific evidence. After many arguments, the Defence team comprising students, Nitish Deshpande, Vikas Patel and Samaksh Jain won the case. On 13th October 2022, an event called "Aham Root - Capture the Flag", focussed on solving the challenges of Operational Technology (OT), was held which witnessed participation of more than 200 students. With the aim to spread general cyber safety & cyber awareness, a campaign, "Cyber Chaitanya" was undertaken by Mr. Sarang Rajvansh, Assistant Professor and Mr. Ramya Shah, TRA. All the events were coordinated by Dr. Nilay Mistry, Dr. Reena Patel, Mrs. Ankita Gandhi, Dr. Sachin Sharma, Dr Mukti Padhya, Mrs. Nishigandha Savarkar, Mr Darsh Patel, Ms Shreya Thaker, Mr. Prutvirajsinh Parmar and student coordinators, Yash Gupta & Tejsi Sharma.

Cyber Security Awareness month was also celebrated at the NFSU Goa campus. On 6th October 2022, 'Capture the Flag (CTF)' event was conducted. Student, Kishan Lal won the first prize whereas the second and third places were secured by Sanjay Kumar and Mohir Mukhopadhyaya respectively. On 12th October 2022, a Poster Design / Presentation Competition for students was conducted. First prize was won by a team of Prachurya Sahay and Niharika Kumari, second prize was secured by Shivam Lasiyal and Gurajala Sharath and third prize was won by Arun Kumar and Rohit Thorat. On 14th October 2022, a Table Top event was organized. First Prize was won by Ms. Mansi Parekh, second prize by Ms. Meenakshi Joy and third prize by Ms. Akshara S. In addition, a number of expert talks were organized such as by Dr Gaurav Mehta, Additional Director, MeitY on "Problem Statement in Cyber Crime and Possible research solutions"; by Mr. Harsh Panchal, Scientific Assistant, NFSU on "overview and basics of drone"; by Prof. Triveni Singh, IPS (SP, Cyber Crime, UP Police) on the topic "Latest Trends in Cyber Crimes & Best Mitigation Strategies"; and on '5G Core network: Security Issues and research direction' by Dr. Rajendra Patil, a Postdoctoral Research Fellow from KTH Royal Institute of technology. All the events were conducted under the guidance of Campus Director, Prof. (Dr.) N. K. Chaudhary and coordinated by Dr. Kashinath Chandelkar, Dr. Panem Charanarur, Dr. Lokesh Chouhan, Dr. Saroj Babar, Somu Sen, Sagar Puri, and other faculty members and students.



NFSU CELEBRATES FOUNDATION DAY

The second Foundation Day of NFSU was celebrated with lot of fanfare at Gandhinagar on 1st October 2022. This marked the second anniversary of the establishment of NFSU from the erstwhile GFSU through an NFSU Act of Parliament. It began with a cultural programme put up by the talented students and faculty of the NFSU in the lawns where the Hon'ble Vice Chancellors of NFSU and Ghana's University of Cape Coast, Dr. J.M. Vyas and Prof. Johnson Nyarko Boampong were the Chief Guests. Earlier, drawing, photography and 'Rangoli' competitions were also held. After the scintillating cultural show, cakes were cut by the two Vice Chancellors along with Shri C.D. Jadeja, Executive registrar and Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director. The next event was the food festival where students had put up number of stalls with delicious variety of items. This period being of famous 'Navaratri' in Gujarat, 'Garba' was arranged for everyone in the open ground which began with 'Aarti'. Thereafter, prizes to the performers of the cultural programme were presented by Dr. Vyas. While dinner was served thereafter, most of the younger crowd continued to enjoy playing Garba. The entire event was coordinated by Dr. Pooja Ahuja - Associate Professor, Dr. Malay Shukla and Dr. Pranav Dave, both Asst. Professors.

ENGINEER'S DAY CELEBRATED AT GANDHINAGAR CAMPUS

Forensic Structural engineering division under School of Engineering and Technology (SET) of NFSU celebrated the 55th Engineer's Day on 15th September 2022 in the memory of legendary engineer, Bharat Ratna, M. Visvesvaraya. A series of technical events were organised such as Civil Engineering -Treasure Hunt, Struct - Quiz and Model making on Build a Cantilever. Students participated with great zeal and enthusiasm in all the events and learnt the practical aspects of engineering.

PHARMACY WEEK CELEBRATED ALONG WITH WORLD PHARMACIST DAY

School of Pharmacy at NFSU's Gandhinagar campus, celebrated Pharmacy Week from 19th to 23rd September 2022 on the occasion of World Pharmacist Day being observed on 25th September 2022. A series of events were organized, such as Expert talk, Science quiz, Debate competition, Pictionary game, Dodge ball, Rangoli competition, Skit competition, etc. Students participated with great zeal in all the events as it created a great learning environment.

**INFORMATION SECURITY AND DIGITAL FORENSICS CONFERENCE AT GOA**

NFSU Goa Campus in collaboration with Sardar Vallabhbhai National Institute of Technology, (SVNIT) Surat, and Birla Institute of Technology and Science-Pilani, Goa Campus, (BITS-Goa) organized a two-day International Conference on Information Security, Privacy and Digital Forensics on 2nd and 3rd December 2022 at BITS Pilani Goa Campus and NFSU Goa Campus. Dr. Pramod Sawant, Hon'ble Chief Minister of Goa, was the Chief Guest of the day. Shri Jaspal Singh, Director General of Police, Goa State; Rear Admiral Rajiv Dhankar, Commandant, Naval War College; Brigadier Arvinder Singh Sawhney, Commandant, 2 STC Goa; Shri C.D. Jadeja, Executive Registrar, NFSU, keynote speaker Prof. S.S. Iyengar, Distinguished Professor Florida International University and Chair Professor, NFSU; and Prof. Suman Kundu, Campus Director, BITS-Pilani graced the occasion. During the conference, a total of 30 papers out of 80 papers received, were presented and was attended by around 200 participants from different educational institutions across India.

'PANCHAMRIT FOR CLIMATE CHANGE - YOUTH OUTREACH FORTNIGHT'

NFSU participated in 'Panchamrit for Climate Change - Youth Outreach Fortnight' organized by the Department of Climate Change, Government of Gujarat, from 17th to 30th September 2022. A series of events were organized, including slogan writing, group discussion, elocution competition, essay writing, and innovative ideas for combating climate change (I2C3). The program/contests created great awareness among the students on practical aspects of climate change and other environmental issues.



TEACHER'S DAY CELEBRATION AT NFSU CAMPUSES



NFSU celebrated Teacher's Day at Gandhinagar on 5th September 2022 to honour the teachers for their contributions in shaping the life of students. Deans and faculty members of various Schools honoured Dr. J.M. Vyas, Hon'ble Vice-Chancellor with a bouquet and rose buds. Dr. Vyas, in his address paid rich tribute to Dr. S. Radhakrishnan, a life-long teacher and a former Vice President of India. During the function, Executive Registrar, Campus Director, Deans, Faculty Members and Students were present. Tripura campus of NFSU also celebrated the Teacher's Day with lot of enthusiasm. The students felicitated all the faculty members with flowers, followed by a cultural programme which presented the varied dresses of the North-East. In the end, Campus Director, Dr. H.K. Pratihari, appreciated the effort and wished bright future to the students.

UNIVERSITY OF SOUTHAMPTON TEAM VISITS NFSU



A 5-member team from the University of Southampton (UoS), UK visited NFSU at Gandhinagar on 12th September, 2022. The delegation met Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU and discussed diverse topics related to forensic science including future cooperation between the two institutions. The delegation led by Prof. Paulini Leonard, Associate Dean, comprised Prof. Werner Choltz, Prof. Yaniv Hanoch, Mr. Amarjeet Singh and Prof. Sabu S. Padamdas amongst others. Prof. (Dr.) Purvi Pokhariyal, Campus Director,

Gandhinagar, welcomed the dignitaries and briefed them about various activities of the NFSU. The meeting was also attended by NFSU members, Prof. (Dr.) Manjunath Ghate, Gp Capt Ajay Purandare, Dr. Digvijaysinh Rathod, Dr. Nilay Mistry, and Dr. Abraham Johnson.

WORLD SUICIDE PREVENTION WEEK OBSERVED AT GANDHINAGAR



The NFSU's School of Forensic Psychology (SFP) observed the World Suicide Prevention Week from 4th September to 10th September 2022 in association with Jeevan Aastha Suicide Prevention and Mental Health Care Helpline. The aim was to create awareness to prevent suicide with a theme, "Quit the Thought of Suicide, Not the Life". The students of SFP performed number of activities such as skit, mime, flash mob and a street play besides preparing posters to spread awareness. It began with performing a skit, titled 'Kitabon Me Nahi Hai' followed by a mime on the same theme at the Staff Training College, Gandhinagar. This was followed by performances of a street play and a flash mob at number of prominent market places, malls, colleges and residential areas. The faculty and students also participated in the Awareness March followed by an expert talk by a renowned doctor, Dr. Darshna Thakkar. The entire event was coordinated by Shri Yashwant Narayan, and Shri Prakhar Bajpai, both TRAs of SFP with the support of other faculty members under the overall supervision of Dr. Priyanka Kacker, Academic Coordinator of SFP and the guidance of the Dean and Gujarat Campus Director, Prof. (Dr.) Purvi Pokhariyal.

AUSTRALIAN AND SINGAPORE DELEGATION VISITS NFSU

A delegation from Australia and Singapore consisting of Mr. Michael Brown, Deputy Consul General, Australian Consulate Mumbai; Mr. Zacchaeus Lim, Vice Consul (Political), Singapore Consulate, Mumbai; visited NFSU at Gandhinagar on 7th November, 2022. Both the delegations held extensive discussions on Cyber Security with Dr. J.M. Vyas, Hon'ble Vice-Chancellor of NFSU. Prof. (Dr.) S.O. Junare, Delhi Campus Director; Shri C.D. Jadeja, Executive Registrar; Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director; Prof. (Dr.) Naveen Chaudhary, Director, International & Training, and Dean of School of Cyber Security & Digital Forensics; and Dr. Abraham Johnson, Coordinator, Centre for International Relations, also interacted. The delegation also visited the Cyber Defence Centre (CDC) of NFSU.



U.S. DELEGATION VISITS NFSU

A US delegation led by Mr. Rob Anderson, CAO, US Consulate at Mumbai with Ms. Sita Moopanar, Director, American Spaces, U.S. Consulate General; Ms. Tejal Vasavada, Director, The American Corner; Ms. Janet Turner, Center Head-Indo American Education Society, and Mr. Viral Parmar, Board Advisor, Centre for Cyber and Information Security, visited NFSU at Gandhinagar on 17th November 2022. It held extensive discussions on Cyber Security and Digital Forensics with Dr. J.M. Vyas, Hon'ble Vice-Chancellor and other NFSU officials such as Prof. (Dr.) Naveen Chaudhary, Air Commodore K. R. Thaakar, Dr. Digvijaysinh Rathod, Dr. Nilay Mistry, and Dr. Abraham Johnson.



NFSU TEAM CALLS ON THE HON'BLE CHIEF MINISTERS



NFSU team comprising of Prof. S.O. Junare, Delhi Campus Director; Shri C.D. Jadeja, Executive Registrar and Dr. Manjunath Ghate, Dean of School of Pharmacy, made a courtesy visit to the Hon'ble Chief Minister of Karnataka, Shri Basavaraj Bommai and Hon'ble Home Minister of Karnataka, Shri Araga Jnanendra on 10th November 2022. The team discussed the plan to establish NFSU campus in Karnataka.



Prof. (Dr.) Naveen Chaudhary, Campus Director, NFSU-Goa Campus paid courtesy visit to Dr. Pramod Sawant, Hon'ble Chief Minister of Goa and briefed him on the Campus Extension Plan and new initiatives.



NFSU's senior officials, Executive Registrar Shri C.D. Jadeja, Campus Director of Tripura campus Dr. H.K. Pratihari, and Architect & Technical Advisor Shri J.G. Shah, made a courtesy visit to Hon'ble Chief Minister of Tripura, Prof. (Dr.) Manik Saha on 25th November, 2022. They held elaborate discussion on the progress of NFSU Tripura campus and its expansion.

LEGAL HACKATHON ON LEGAL INNOVATION & LEGAL START-UPS

NFSU's School of Law Forensic Justice and Policy Justice (SLFJPS) organised Legal Hackathon - A National Business Plan Competition on Legal Innovation and Legal Startups-2022. The event was inaugurated by Dr. Kalpeshkumar Gupta, founder, ProBono India, Legal startups; Mr. Mitesh Shethwal, Mr. Yash Shah and Dr. Tarkesh Molia, Associate Professor, SLFJPS. Dr. Molia, gave the welcome address where he focussed on how creative ideas can transform the legal system. During the competition, 14 teams presented their different start-ups, mainly based on the pendency of litigation, making legal compliance easy for companies, using AI-based technology to resolve legal problems, and resolving the gap in legal research. The first position was secured by Mr. Nitant Bhagwat from NMIMS University and Ms. Shivangi Desai from Savitribai Phule Pune University; second position by Ms. Nitya Singh and Mr. Meet Dharsand from Navrachna University, Vadodara; and third position by Mr. Ashish Kumar, Ms. Anoushka Songara, Mr. Hit Kothari and Ms. Megha Meena from Parul University, Vadodara. During valediction, Prof. (Dr.) Purvi Pokhariyal, Campus Director, addressed the gathering about the importance of entrepreneurship and encouraged the participants to initiate their start-ups. The event was convened by Dr. Gaurav Jadhav, Ms. Lahama Mazumdar and Ms. Vihasi Shah, faculty members of the SLFJPS.



NATIONAL PRESS DAY CELEBRATED AT NFSU



The National Press Day was celebrated by NFSU at Gandhinagar on 16th November 2022 by organizing a webinar on "Role of Forensic Journalism in New India". The Keynote Speaker was Mr Ajay Umat, Group Editor, Ahmedabad Mirror and Navgujarat Samay, delivered an insightful speech. In the Presidential Address delivered by the Hon'ble Vice-Chancellor, Dr. J.M. Vyas, highlighted the important aspects of Forensic Investigation. The students of PG Diploma in Forensic Journalism and media professionals participated the webinar in large number. Prof. (Dr.) S.O. Junare, Prof. (Dr.) Purvi Pokhariyal, and Dr. Haresh Barot, Associate Dean, SMS were also present during the webinar. Dr. Pranav R. Dave, Program Coordinator of Forensic Journalism, coordinated the webinar.

HON'BLE UNION MINISTER PRESENTS START UP GRANT

Shri Dharmendra Pradhan, Hon'ble Union Minister of Education & Skill Development, handed over grant to Dr. Mahesh Vasava and Mr. Jigar Raval of NFSU as assistance to Startups and Innovation as a part of SSIP 2.0. (Student Startup and Innovation Policy) at Central University Gujarat on 12th Oct 2022.



NATIONAL WORKSHOP AND COMPETITION ON CRIME SCENE INVESTIGATION



NFSU's School of Law, Forensic Justice & Policy Studies (SLFJPS) and School of Forensic Science (SFS) organised a National Workshop and First NFSU Competition on Crime Scene Investigation on 22-23 November 2022. More than 150 participants from all over the country participated in the event who were sensitised on the protocols to be followed at the crime scene. A total of 6 elaborate crime scenes were created related to homicide, murder, accident, etc. Dr. Harsh Sharma, OSD, NFSU, Bhopal was the Chief Guest for the Inaugural Ceremony where Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director & Dean, SLFJPS, and Prof. (Dr.) Satish Kumar, Dean, SFS, also graced the occasion. During the event, talks were delivered by Dr. Harsh Sharma, Dr. Pooja Ahuja, Associate Professor, SFS, Dr. Priyanka Kacker, Dr. Malay Shuka and Dr. Niha Ansari. During the Valedictory Ceremony, the Hon'ble Vice Chancellor, Dr. J. M. Vyas apprised about how this event had served as an inspiration for young students to gain an understanding of forensic Science and its application in the criminal justice system.

HOSPITAL MANAGEMENT STUDENTS VISIT APOLLO HOSPITAL, AHMEDABAD

Students of MBA in Hospital and Healthcare Management of NFSU's School of Management Studies visited Apollo Hospital on 20th September 2022. Mr. Neeraj Lal, Chief Operating Officer of the hospital apprised about various aspects of management procedures currently in use and introduced to the Computerized Provider Order Entry system for live patient tracking and Clinical Decision Support System for reducing OPD problems. The visit was coordinated by Dr. Ashwini Pandit, Co-coordinator for the course.



ICRC ASIA PACIFIC HEAD FROM GENEVA VISITS NFSU



Ms. Patricia Escolano Guiote, Deputy Regional Director for Asia and Pacific Region of ICRC at Geneva visited NFSU at Gandhinagar on 1st September, 2022. Dr. J.M. Vyas, Hon'ble Vice-Chancellor welcomed and briefed her about various activities of this University. Shri C.D. Jadeja, Prof. (Dr.) S. O Junare, Prof. (Dr.) Purvi Pokhariyal, Prof. (Dr.) Naveen Kumar Chaudhary, and Dr. Abraham Johnson, also interacted with the delegation members.

STUDENTS UNDERGO TRAINING AT NORTH EASTERN POLICE ACADEMY, SHILLONG

The students of School of Police Science and Security Studies attended a 12-day training program at North Eastern Police Academy (NEPA), Shillong from 21st November to 2nd December 2022. The training comprised wide-ranging subjects including simulated Arms firing, security situation in the North East, Maintenance of Law & Order in insurgency-prone areas, AFSPA & Human Rights, etc. As part of exposure to Counter-Insurgency training, the students also underwent Obstacle Course training, Jungle trek, Horse Riding, Checkpoints and Counter-Ambush setup, Weapons and Explosives Demo, etc. They also visited HQ of Eastern Air Command where they were apprised on the role of Indian Air Force in the air defence from external threats as well as Humanitarian and Disaster Relief operations.



NFSU HOSTS 4TH INTERNATIONAL SUMMIT ON HUMANITARIAN FORENSICS



4th International Summit on Humanitarian Forensics on the theme of Challenges and Solutions of Forensic Data Management was hosted by NFSU on 29th November 2022. It was organised by the International Centre for Humanitarian Forensics (ICHF), a joint initiative NFSU and ICRC. Hon'ble Justice A.P. Sahi, Director, National Judicial Academy, Bhopal was the Chief Guest for the event and addressed the audience. Dr. J.M. Vyas, Hon'ble Vice Chancellor, NFSU delivered the Key-Note Address. Dr. Pierr Guyomare'h, Head of Forensic Unit, ICRC Geneva and Dr. Manish Das, Deputy Head of ICRC (RD-India) also graced the event. Prof. (Dr.) Purvi Pokhariyal, Campus Director, NFSU-Gandhinagar, gave the welcome address. The vote of thanks was given by Dr. Derek Congram, Head, ICRC-ICHF and Dr. G. Rajesh Babu, Head, NFSU-ICHF. Eminent professors and delegates from South Africa, Maldives, Nepal, and various states of India attended the conference.

KNOWLEDGE SHARING

NFSU SIGNS MoU WITH INDIAN ARMY ON WIDE-RANGING ACTIVITIES



On 28th September 2022, NFSU signed a MoU with the Indian Army on wide-ranging activities. The NFSU team comprising Shri C.D. Jadeja, Executive Registrar and Air Commodore K.R. Thaakar, Dean, School of Police Science and Security studies, visited HQs Army Training Command (ARTRAC) at Shimla. The MoU was signed by Lt Gen J.S. Sandhu, Chief of Staff of HQ ARTRAC and Shri Jadeja in the presence of Maj Gen Gurpreet Singh, MGGS (B) and other senior officers. Later the NFSU team also held detailed discussions with the Army Commander, Lt Gen S.S. Mahal on further collaboration.

CENTRAL UNIVERSITY OF GUJARAT AND NFSU SIGN MoU

Memorandum of Understanding (MoU) was signed between Central University of Gujarat (CUG) and National Forensic Sciences University on wide-ranging academic and research collaboration. MoU was exchanged between the Hon'ble Vice Chancellor of CUG, Prof. Rama Shankar Dubey and Hon'ble Vice Chancellor of NFSU, Dr.J.M. Vyas.



UNIVERSITY OF CAPE COAST OF GHANA SIGNS MoU WITH NFSU



University of Cape Coast (UCC), Ghana signed a MoU with NFSU at Gandhinagar 1st October 2022. The MoU was signed by Dr. J.M. Vyas, Hon'ble Vice Chancellor of NFSU and Prof. Johnson Nyarko Boampong, Hon'ble Vice-Chancellor of University of Cape Coast. Earlier, Prof. Boampong visited NFSU and held detailed discussion with Dr. Vyas.

MoU FOR SETTING UP TESTING FACILITY FOR DIETARY SUPPLEMENTS AT NFSU

Ministry of Youth Affairs and Sports (MYAS), Food Safety and Standards Authority of India (FSSAI) and NFSU signed MoU for setting up the testing facility for dietary supplements on 15th October 2022. Smt. Sujata Chaturvedi, Secretary, Department of Sports, MYAS; Smt. Ritu Sain, Director General, NADA; Dr. Astha Pandey and Dr. Jayrajsinh Sarvaiya, both Associate Professors at NFSU, attended the event. The MoU was signed by Shri Vimal Anand, Director (Sports) MYAS, Smt. Sweety Behra, Director, FSSAI and Shri C.D. Jadeja, Executive Registrar, NFSU. As of now, no testing facility is available in India for ensuring the absence of Prohibited Substance in the dietary supplements.



NATIONAL CRIME RECORDS BUREAU (NCRB) SIGNS MoU WITH NFSU



National Crime Records Bureau (NCRB) signed MoU with NFSU at Gandhinagar on 21st October, 2022 in the presence of Dr. J.M. Vyas, Hon'ble Vice Chancellor. It was signed by Shri Vivek Gogia, IPS, Director-NCRB and Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director, Shri Deepak M. Damor, IPS, Joint Director (Admn), NCRB; Air Marshal Ajit Bhonsle, Addl. Director (Training); and Dr. Haresh Barot, Asso. Prof., were present during the event.

NFSU SIGNS MoU WITH HSD, NETHERLANDS

NFSU signed MoU with Security Delta (HSD), Netherlands in an official ceremony hosted by the Municipality of The Hague on 19th October 2022. HSD, a leading Cluster in the European Union, has over 275 Cyber security Companies under its umbrella. The MoU was signed by Prof. (Dr.) Naveen Kumar Chaudhary, Dean, School of Cyber Security & Digital Forensics, who was on a visit to the Netherlands as a part of the joint delegation on cyber security from India.



HIMACHAL PRADESH POLICE SIGNS MEMORANDUM OF UNDERSTANDING



Himachal Pradesh Police signed Memorandum of Understanding (MoU) with NFSU at Gandhinagar on 21st November 2022 for setting up an institutional mechanism in different areas. The MoU was signed by Mr. Sanjay Kundu, IPS, Director General of Police (DGP), Himachal Pradesh and Dr. J.M. Vyas, Hon'ble Vice-Chancellor. Prof. (Dr.) Purvi Pokhariyal, Mr. Kundu also visited different Centres of Excellences. During the signing of MoU, Executive Registrar, Shri C.D. Jadeja, Dr. Purvi Pokhariyal, Air Commodore K.R. Thaakar, and Dr. Surbhi Mathur were present.

TRAINING ACTIVITIES

EXTENSIVE TRAINING ORGANISED AT NFSU DELHI CAMPUS



A total of 24 training courses of 3 to 5 days duration on various topics was conducted by the NFSU's Delhi campus in the months of Sep-Dec 2022. A total of about 500 officials from Higher Judicial Services, Prosecution, Police, Prisons and Correctional Administration, Doctors, Defence and from FSLs etc. participated in these courses.

KENYA OFFICIALS TRAINED IN FORENSIC DNA TECHNOLOGY

NFSU conducted a training programme on Forensic DNA Technology for the Police and Scientific Officers of Kenya from 14th to 25th November 2022. A total of 19 Forensic Biology Analysts, were trained at Gandhinagar. They were trained in a different extraction technologies, calibration of equipment, Next Generation Sequencing & DNA and other important tools.



TRAINING ON WILDLIFE FORENSICS FOR M.P. FOREST OFFICERS

A training program on "Wildlife Forensics" was organized by NFSU along with Wildlife Conservation Trust for the Forest officers (ACF/RFO) of Madhya Pradesh from 20th to 22nd September 2022 at NFSU Gandhinagar campus. Dr. Malay A. Shukla, Assistant Professor, School of Forensic Science, delivered talks on wildlife forensics and DNA examination, and coordinated the training programme.

TRAINING ON FORENSIC PERSPECTIVE OF FOOD & DRUG ANALYSIS

NFSU hosted a 7-day training program on "Current Trends in Food and Drug Analysis : Emphasis on Forensic Perspective" organized by the Department of Science & Technology, Govt. of India. Prof. Manjunath Ghate, Dean, NFSU's School of Pharmacy, along with Prof. Uday Annapure, Campus Director, Institute of Chemical Technology, Marathawad, Jalna; and Mr. Jaidev Bhatt, Program Manager, Institute of Chemical Technology, Mumbai; inaugurated the programme on 16th Nov' 2022.



INTERNATIONAL DAY FOR ELIMINATION OF VIOLENCE AGAINST WOMEN OBSERVED

On the occasion of "International Day for the Elimination of Violence against Women", NFSU's School of Forensic Psychology organised a Guest Lecture by Ms. Kusum Rajgor, founder of Mamta Charitable Trust, Ahmedabad on "Unite to Eliminate Violence Against Women" on 25th November 2022. It was coordinated by Senior Assistant Professor of SFP, Dr. Priyanka Kacker.

STUDENTS OF DELHI CAMPUS VISIT DIFFERENT INSTITUTIONS FOR EXPOSURE

NFSU's Delhi Campus students of MSc Forensic Science -Sem III visited the 23rd Edition of India International Security Expo 2022 at Pragati Maidan, New Delhi on 9th September 2022 as part of academic exposure to industry and new-age laboratory equipment. LLM students visited National Crime Records Bureau (NCRB) organised as part of their field work on 3rd October 2022. The students of B.Sc. – M.Sc. Forensic Science visited the District and Sessions court on 30th and 31st October, 2022 to get an overview of the court proceedings in criminal cases.



LEGAL AND SOCIAL AWARENESS PROGRAM

The Pro Bono Club of the School of Law Forensic Justice and Policy Studies of NFSU, organized a Legal and Social awareness program at Indroda village on 2nd October 2022. The Pro Bono Associates (PBAs) did a door to door awareness, informing around 120 villagers about the Nyay Bandhu scheme. The PBAs thereafter conducted a session on social and legal awareness on different government schemes. The event was coordinated by Dr. Navtika Singh Nautiyal, Nodal Officer of the Pro Bono club.

RAJASTHAN POLICE OFFICERS TRAINED IN ADVANCED SCIENTIFIC INVESTIGATION

35 Rajasthan Police Service probationers completed training on Advanced Methods of Scientific Investigation on 16th Dec 2022. Sh. Rajeev Sharma, Addl DGP cum Director Rajasthan Police Academy attended the valediction.

GAIL (INDIA) OFFICERS TRAINED ON OT & ICS SECURITY

NFSU conducted training on 'OT & ICS Security' for the officials of GAIL(India) from 19th to 23rd December 2022. The trainees were given hands on exposure on OT cases at Cyber Defence Centre.

WORKSHOP / SEMINAR**FIRST SYMPOSIUM ON VIRTUAL AUTOPSY IN INDIA**

NFSU's School of Medico-Legal Studies organized a first-ever International Symposium on Virtual Autopsy and 3D Forensics in collaboration with Virtual Autopsy India. It was inaugurated on 13th October 2022 by Dr. J.M Vyas, Hon'ble Vice Chancellor of NFSU. Prof. (Dr.) Purvi Pokhariyal, Gandhinagar Campus Director, Dr. G. Rajesh Babu, Dean SMLS, Dr. Hemant Naik, CMO-Virtual Autopsy UK & Virtual Autopsy India, and Dr. S. Govind, CEO, Virtual Autopsy, UK attended along with Medical and forensic professionals from across the country.

**NATIONAL SEMINAR ON CURRENT TRENDS IN ENVIRONMENTAL SCIENCES**

NFSU's School of Pharmacy organized a National Seminar on 'Current Trends in Environmental Sciences-Issues and Challenges' on 19th October 2022 at Gandhinagar. Dr. Bharat Jain, Member-Secretary, Gujarat Cleaner Production Center, was the Chief Guest. Dr. H.V.C. Chary Guntupalli, Scientist-E, Integrated Regional Office, Bhopal; Dr. S.K. Nema, Scientist H, Institute for Plasma Research, Gandhinagar; and Dr. Rohit Srivastava, Associate Professor, PDEU, Gandhinagar, delivered keynote lectures. Participants from various universities presented their research work.

WORKSHOP ON WILD LIFE FORENSICS AT GOA CAMPUS

NFSU organized two-day training cum workshop on Capacity building on wild life forensics for forest frontline staffs and assistant public prosecutors from 10th to 11th December 2022 at the Goa Campus and Bondla Wildlife Sanctuary, Goa. 25 participants were trained on the skills and technology to combat the illegal wildlife trade.

WORKSHOP ON AUDIT COMMAND LANGUAGE TOOL

School of Management organized a Workshop on ACL (audit Command language) tool for the students of MBA Forensic Accounting & Fraud Investigation on 11th and 12th October 2022. Mr. Aditya Apte, CEO of Sattori India Limited and his team discussed with students the usage of data analytics in fraud detection & prevention.

**FIRE AND ARSON FORENSICS WORKSHOP FOR ONGC FIRE EXECUTIVES**

NFSU organized "Forensic Science Aspects of Fire & Arson Investigation Training Certification Programme" from 6th to 9th December 2022 at its Gandhinagar campus for All India ONGC Fire Safety Heads.

WORKSHOP ON MOOTING SKILLS

The School of Law, Forensic Justice and Policy Studies, NFSU organized a one-day workshop on Mooting Skills on 21st September 2022, conducted by Dr. Girish R, Moot Court Convener and Assistant Professor, Gujarat National Law University, Gandhinagar. The students got acquainted with numerous mooting tactics and skills.

WEBINAR AT GOA ON BASICS OF FORENSIC DNA WORKFLOW

NFSU Goa Campus organized a webinar on "Understanding the Basics of Forensic DNA Workflow" on 26th Sept. 2022. The guest speaker for the webinar was Dr. Amit Gokhle, of ThermoFisher Scientific, who enlightened the audience of 180 students about DNA profile, STRs in Human Genome, PCR, quantitation of PCR, etc.

WEBINAR SERIES - "FORENSICS THROUGH CASES" AT TRIPURA CAMPUS

A session on Forensic Accounting and Frauds was conducted as a part of Webinar Series "Forensics Through Cases" at NFSU's Tripura Campus. Forensic Expert, Mr. Samir Chaudhary, a CA at Chaudhary Shah & Associate, conducted it online on 29th September 2022 and discussed many cases. Dr. Rakesh Yadav, Dean (i/c), Academics, expressed thanks to the expert. It was organised by Ms. Gitanjali Dass, TRA.

WORKSHOP ON DATA ANALYSIS IN R USING STATCRAFT

Dr. Dhaval Maheta, Professor at Veer Narmad South Gujarat University, Surat, conducted a workshop on "Data Analysis in R using STATCRAFT" on 8th October, 2022 organised by School of Management Studies.



CVC INAUGURATES PREVENTIVE VIGILANCE TRAINING



Shri Suresh N. Patel, Central Vigilance Commissioner of India, inaugurated a 3-day training on 'Preventive Vigilance' for 31 Chief Vigilance Officers (CVOs) at NFSU's Gujarat campus from 19th to 21st December 2022. Prof. (Dr.) Naveen Kumar Chaudhary, Director, Training, welcomed the CVC with a memento. Shri Patel, in turn, presented books on Good Practices published by Central Vigilance Commission. The CVC addressed the CVOs underscored the transparency needed in decision-making through the use of Technology to prevent corruption. Shri R.N. Guna, Dy. Director (Training) briefed about the varied activities of NFSU and gave the vote of thanks.

GUEST TALKS

ADDRESS BY CHIEF EXECUTIVE OF GENERAL ATOMICS, USA AT NFSU

Dr. Vivek Lall, Chief Executive of General Atomics Global Corporation, San Diego, California visited NFSU at Gandhinagar on 9th September 2022. Dr. Lall is a renowned scientist and a former Vice President of Aeronautics Strategy at Lockheed Martin Corporation. He also visited the Centre of Excellence in Cyber Security. He later addressed the students on the role of key technologies in Automobiles, Energy sector, Electronics, Metaverse, Artificial Intelligence, Unmanned Aircraft, Brain Computer Interface and the gaps in technology development.



EXPERT TALK ON CURRENT TRENDS IN GENOMICS

Dr. Sandip Shah, an Eminent Pathologist and Director of Neuberg Supratech Reference Laboratories, delivered an Expert Talk on "Current Trends in Genomics" to the students of NFSU on 14th September 2022. He gave insights to the students about the present and the future of genomics in medical diagnostics and forensic science. The event was organised by Dr. Satish Kumar, Dean SFS, and coordinated Dr. Malay A. Shukla, Asst. Professor.

TALK ON FORENSICS OF SEXUAL ASSAULT CASES AT GOA CAMPUS

NFSU Goa Campus organized an online expert session on "Forensic Investigation in Sexual Assault Cases" on 19th December 2022 by Mr. Robert Green, Professor at University of Kent, U.K. He explained about examination of the body of victim, differentiation between consensual sex and forceful sex, recovery of intimate samples, external factors leading to degradation of evidences, etc.

DEMO CUM LECTURE ON AUDIO / VIDEO ANALYSIS SOFTWARE BY RUSSIAN EXPERT

A Live Demo cum Lecture on Forensic Audio / video authenticity analysis software was presented by Mr. Ivon Siparov, Chief Forensic Officer, Ministry of Justice, Russia. on 2nd December 2022. for about 120 students. It was organised by Dr. Richa Rohatgi, Assistant Professor at NFSU Delhi Campus.



EXPERT FROM MALAYSIA TALKS ON ODONTOLOGY

Prof. (Dr.) Prabhakaran Nambiar, Head-Faculty of Dentistry, Malaysia delivered an Expert Talk on Role of Odontology in Criminal Investigation as well as in Disasters on 23rd December 2022, attended by faculty members, scholars & students of SMLS.

GUEST LECTURE BY PROF. S.A. HUSSAIN OF TRIPURA UNIVERSITY

Prof. S.A. Hussain, HoD, Department of Physics, Tripura University presented a talk on the "Higher Education Research and Development for a sustainable future" on 16th September, 2022 at the Tripura campus of NFSU. The talk was coordinated by Dr. Arpan Datta Roy, Assistant Professor at Tripura campus.

EXPERT TALKS



Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director of NFSU, delivered a keynote address at Workshop on Anti Human Trafficking organized by National Crime Records Bureau (NCRB) on 19th November 2022 at NCRB HQs, New Delhi. Workshop was attended by Heads of all the Anti-Human Traffic Units of all the States and Union Territories. Shri Vivek Gogia IPS, Director, NCRB chaired the workshop.

Dr. Malay A. Shukla, Assistant Professor, School of Forensic Science delivered a keynote address on "Advanced Tools and Techniques used in Forensic Science" and later gave another talk on "Wildlife Crime Scenario in India: Importance of Human Interface in dealing Wildlife Crime Cases" in ZSI-SERB KARYASHALA 2022 on "Demonstrating SoPs to combat illegal wildlife trade & strengthening wildlife forensic capabilities in India" from 25th July to 31st July 2022.

Dr. Sachin Sharma, Assistant Professor at School of Cyber Security & Digital Forensics, NFSU, delivered a talk on 'Machine Learning' for the Institute of Advanced Research, Gandhinagar on 22nd September 2022.

Mr. Kritarth Jhala, Senior Scientific Officer at Cyber Defense Center, NFSU delivered an talk on "How to build your own future crime investigation lab" for IIT-Kanpur on 9th September 2022.

Mr. Kritarth Jhala, Senior Scientific Officer at Cyber Defense Center, NFSU delivered a talk on "Cyber forensics Challenges & Way Forward" for C-DAC Hyderabad.

Mr. Ramya Shah, TRA at School of Cyber Security & Digital Forensics, delivered a talk on 'Digital Dark Arts: From an eye of Cyber Security Professional' for National Institute of Communication Finance on 20th October 2022

Dr. Abraham Johnson, Asst. Prof., School of Medico-Legal Studies, delivered a talk on "Forensic Medicine – Medico-legal Investigations" on 7th September 2022 organized by CBI Academy, Ghaziabad.

Dr. Abraham Johnson, Assistant Professor, School of Medico-Legal Studies, conducted a session on "3D Forensics" at "FORENSIC UPDATE V" organized by AIIMS, Bhopal on 15th-16th September 2022.

Dr. Abraham Johnson, Assistant Professor, School of Medico-Legal Studies conducted a Workshop on "3D Forensics" at the 19th National Conference of Indian Association of Forensic Odontology organized by G.Pulla Reddy Dental College and Hospital, Kurnool, Andhra Pradesh on 10th September 2022.

Dr. Navtika Singh Nautiyal, Asst Prof, SLFJPS, was a Session Chair at the Trans-disciplinary International Conference on The Coherence of Global Sustainability organized by Amity University, Noida on 7-8 Sept, 2022.

Dr. Navtika Singh Nautiyal, Assistant Professor, School of Law, Forensic Justice and Policy Studies, delivered a talk in the State Level Pro Bono Clubs Meet organized at GNLU on September 30,2022.

Ms. Mradul Singh, TRA, SLFJPS, was invited to propose policy changes in the Nari Gaurav Niti 2006 of the Gujarat Government, organised by the Gender Resource Center, Govt. of Gujarat on October 15, 2022.

Dr. Richa Rohatgi, Assistant Professor (FPQD) at NFSU Delhi Campus delivered an online lecture on 'Forensic Ballistics' at Govt. Institute of Forensic Science, Nagpur on 1st Sept. 2022.

Dr. Navtika Singh Nautiyal, Assistant Professor, School of Law, Forensic Justice and Policy Studies, was invited to moderate a Panel Discussion offline on the theme; Dimensional Analysis of Increasing use of technology and Suggestions to Strengthen measures for Cyber Security and Chair a Technical Session at the World Cyber Summit organized by Knowledge Steez and Maharishi University of Information Technology, Noida on October 29-30, 2022.

Dr. Navtika Singh Nautiyal, Asst Prof, SLFJPS, delivered a online talk on 'Understanding Cyber Crimes against Women and Children' at the National Webinar on "Cyber Crimes in India" on 28th October 2022.

Dr. Seema Malhotra, Asst Prof at NFSU Delhi Campus delivered lecture on "Collection, Preservation and Transportation of Biological Evidences for Forensic DNA Analysis" at Air Force Police HQ, Hindan on 2nd Sept. 2022.

Dr. Richa Rohatgi, Asst Prof (FPQD) at NFSU Delhi Campus delivered a talk to BSF Officers at 'G' (Intelligence) Training School, BSF MHA on 'Wound Ballistics and Gunshot Injuries in Forensic Science' on 13th Sept. 2022.

Dr. Sweety Sharma, Assistant Professor (Biology) at NFSU Delhi Campus conducted a 2- day workshop(online) on 'Forensic Anthropology' at Govt. Institute of Forensic Science, Nagpur on 24-25 Sept 2022.

Dr. Sweety Sharma, Assistant Professor (Biology) at NFSU Delhi Campus delivered a lecture on "Utility of forensic science in investigation" at Delhi Police Academy, Rajinder Nagar on 10th Oct 2022.

Dr. Richa Rohatgi, Assistant Professor (FPQD) at NFSU Delhi Campus delivered a lecture on Latest Advances in Fingerprints at Kristu Jayanti College, Bangalore on 15 Oct 22.

Dr Supriya Krishna, Assistant Professor at NFSU Delhi Campus delivered lecture to participants from NSG on 'Collection, preservation, packaging and forwarding of physical evidences from blast site" on 20 Oct 2022.

Dr. Lisha S., Assistant Professor, SBS, delivered a talk on Behaviour Modification organized by Bharathiar University, Coimbatore on 17th September, 2022.

Dr. Rakesh Yadav, Associate Professor, NFSU-Tripura campus delivered a talk on "Good Health and Well-being" on 23rd September 2022 as a Guest of Honour at Tripura University on the occasion of "World Pharmacists Day".

Dr. Rakesh Yadav, Associate Professor, NFSU-Tripura campus, delivered a Keynote address on "Spectrophotometric Techniques: An Embellish for Method Development and Validation" in an online National conference on organized by JJTU, Rajasthan on 28th September 2022.

Mr. Abhijit Debnath, TRA, NFSU-Tripura Campus, delivered a lecture on MOOCS & E-Learning Technologies at Central Sanskrit University, Tripura on 19th September 2022.

Dr. Rakhi Agarwal, Asso. Prof. NFSU Delhi Campus, delivered a Keynote Lecture on "Analytical Determination of Acute Benzene Poisoning" during a virtual national conference "Forensic Advancements & Technological Explorations: Transcending Disciplines" organized by Lovely Professional University on 25th Nov 2022 .

Dr. Reena Patel, Assistant Professor at School of Cyber Security and Digital Forensics, delivered a Lecture on "Probability Distributions and its Applications in Real life" at Parul University, Vadodara on 14th December 2022.

Dr. Bhoomika Patel, Asso. Prof. School of Medico-Legal Studies, delivered a lecture on Colon Cancer at the International Conference organized by Deshbandhu College, New Delhi, from 4 to 6th November, 2022.

Dr. Chandra Shekhar Yadav, Assistant Professor, SFS, delivered a talk on "Gene-Environment Interaction : Impact on Human Health" at Vivekananda Global University, Jaipur on 25 – 26 November 2022.

Dr. Dhvani Patel, Assistant Professor, School of Medico-Legal Sciences, delivered a talk on "Scope and Importance of Forensic Science" at AMC Dental College and Hospital, Ahmedabad on 5th November, 2022.

Dr. Abraham Johnson, Assistant Professor, School of Medico-Legal Studies chaired a Scientific Session at the 5th World Dental Sciences & Oral Health Conference at AMA, Ahmedabad on 29th December 2022.

Air Commodore Kedar Thaakar, Dean, School of Police Science & Security Studies, delivered a Keynote Address on "Emerging Security Scenario" during the Reserve Bank of India's Annual Security Conference at Tent City, Rann of Kutch on 27th December 2022. It was attended by the Governor, Dy Governors and Security Managers of RBI.

PUBLICATION OF BOOKS / CHAPTERS / PAPERS

Dr. Beulah Shekhar, Chair Professor NFSU Delhi Campus and Mr. Hitesh Goyal, TRA Criminology have published a book chapter titled "Minding the Gap Between Restorative Justice, Therapeutic Jurisprudence and Global Indigenous Wisdom" in the book "Restorative Justice and Therapeutic Jurisprudence- Two Sides of the Same Coin" in Oct. 2022

Dr. Rakhi Agarwal, Asso Prof at NFSU Delhi Campus along with PG students, Prashant Singh, Nandini Gupta, and Payal M. Deoghare, have published a book chapter titled "Arsenic-Induced Phytotoxicity in Rice Plants" in the book 'Arsenic in Rice : A Global Menace' published by Apple Academic Press co-publishing with CRC Press in October 2022.

Dr. Abraham Johnson, Assistant Professor, School of Medico-Legal Studies has published a paper 'Forensic Odontology - A technology-driven approach in human identification' in the Journal of Forensic Medicine and Toxicology, Vol:39; Issue:1 in August, 2022.

Dr. Bhhavya Gahlaut, Assistant Professor at School of Behavioral Science, published a book review on 'Psychology in Modern India' in the 'Journal of Psychosocial Research' in July-December issue 2022.

Dr. Bhhavya Gahlaut, Assistant Professor at School of Behavioral Science, published a research article along with another author on "The Effect of Sleep Quality and Perceived Stress on the Quality of Life in University Students due to COVID 19 related restrictions" in 'Journal of Psychosocial Research' in July-December issue 2022.

Dr. Bhargav Patel, Assistant professor, School of Forensic Science, presented poster on "A systematic evaluation of Bidi - a hand-rolled cigarette as a forensic DNA evidence" at 29th Annual Congress of International Society of Forensic Genetics held at Washington DC, USA from August 29 - September 2, 2022.

Bhoomika M. Patel, Associate Professor, School of Medico-Legal Studies, presented a paper on "Role of NIMA-related Kinase 2 (NEK2) in lung cancer: Mechanisms and therapeutic prospects" in 'Fundamental and Clinical Pharmacology' in October 2022 [Impact Factor 2.748].

Dr. Sandeep Munjal, Assistant Professor, NFSU Goa has published a article - "Magnetic field induced Fréedericksz transition in system of ultrafine spherical CoFe₂O₄ doped 7CB" in Journal of Molecular Liquids. Impact Factor-6.633.

Dr. Sandeep Munjal, Assistant Professor, NFSU Goa has published a Peer reviewed article - "Optical bandgap tuning of cubic spinel Co₃O₄ by annealing temperature" in Journal "Materialia", Scopus Indexed.

Ms. Deepa Dubey, TRA, School of Law, Forensic Justice and Policy Studies, published a chapter titled "The Concept and Theories of Citizenship: Jurisprudential Aspect" in the edited book titled "Immigration, Citizenship and Indian Laws: Domestic & International Perspective", published by Satyam Law International in September 2023.

Dr. Navtika Singh Nautiyal, Asst Prof, SLFJPS, presented a research paper online titled 'Right to be Forgotten: They too matter' in the 'International Conference on Legal Contours of Victimology: Theory and Practice', organized by ICFAI Law School, Hyderabad in collaboration with Indian Society of Victimology on 9th to 11th September 2022.

Dr. Navtika Singh Nautiyal, Asst Prof, SLFJPS, presented a paper titled 'Land Records Digitization: Weather Technology a solution to this age-old problem' in 'National Conference on Land Laws and Land Planning: Revisiting India's Land Utilization Policies and Legislation' organized by GNLU, on 13-14 October 2022.

Dr. Tarkesh Molia, Associate Professor, Dr. Navtika Singh Nautiyal, Assistant Professor, and Ms. Mradul Singh, TRA, SLFJPS, presented a paper titled 'Imparting Justice Education through different Centres' in a 'Regional Conclave on Justice Education in Asia' organsied by Bharati Vidyapeeth, Pune on 27-28 Sept 2022.

Dr. Manu Sharma, Associate Professor at NFSU Delhi Campus along with research scholars have published a paper on "Computational Design, Synthesis, and Pharmacological Evaluation of Naproxen-Guaiacol Chimera for Gastro-Sparing Anti-Inflammatory Response by Selective COX2 Inhibition" in the journal "Molecules" Vol 27, 2022.

Dr. Manu Sharma, Associate Professor at NFSU Delhi Campus alongwith with research scholars have published a paper on "18 β -Glycyrrhetic Acid Ameliorates Neuroinflammation Linked Depressive Behavior Instigated by Chronic Unpredictable Mild Stress via Triggering BDNF/TrkB Signaling Pathway in Rats" in "Neurochem Res" Oct 2022

Dr. Richa Rohatgi, Assistant Professor (FPQD) at NFSU Delhi Campus and V Joon, PG student, have published a paper on "Sex Determination by Pelvis : A Mini Literature Review" in International Journal for Research in Applied Science and Engineering Technology, Vol 10, Issue X, Oct 2022.

Ms Anjali Tomar, TRA (FPQD) at NFSU Delhi Campus presented a paper titled 'Forensic Examination Of Thermal Papers Using Video Spectral Comparator And Atr-Ftir Spectroscopy Coupled With Chemometrics' at the 15th Chandigarh Science Congress CHASCON – 2022 from 15-17 September 2022.

Dr. Hemen Dave, Assistant Professor at School of Pharmacy, and Adjama Iredon, Research Scholar, has published a research article on 'Microplastic Detection in the Environmental Matrices Using Artificial Intelligence: Review of Recent Advancement' in the 'NFSU Journal of Law and Artificial Intelligence' in September 2022.

Dr. Hemen Dave, Assistant Professor at School of Pharmacy, and Debutee Bhattacharya, M.Sc. Student, has published a research article on 'Life Cycle Assessment-A Tool for Environmental Sustainability : Critical Review on Lifecycle Assessment Software' in the 'NFSU Journal of Law and Artificial Intelligence' in September 2022.

Dr. Hemen Dave, Asst Prof at School of Pharmacy, published a article with Dr. Kumar Suranjit Prasad of University of Allahabad, and Dr. Bablu Prasad of M.S. University of Baroda on 'Low cost iron modified Syzygiumcumini I. Wood biochar for adsorptive removal of ciprofloxacin and doxycycline antibiotics from aqueous solution' in 'Inorganic Chemistry Communications' (ELSEVIER), (Impact Factor: 3.428) Volume 144, in October 2022.

Dr. Hemen Dave, Asst Prof at School of Pharmacy, published an article with Dr. Kumar Suranjit Prasad of University of Allahabad, and Dr. Bablu Prasad of M.S. University of Baroda on 'Arsenite andarsenate ions adsorption onto a biogenic nano-iron entrapped dual network Fe@alginate-κ-carrageenanhydrogel beads' in Journal 'Nanotechnology for Environmental Engineering' (Springer), in Sept. 2022.

Mr. Sagar Bhowmik, TRA, NFSU-Tripura Campus, published a research article on "Synthesis of Orange-Red emissive Au-SG and AuAg-SG Nanoclusters and their Turn-OFF vs. Turn-ON metal ion sensing" in 'Journal of Fluorescence', volume 32.

Dr. Manisha Mann of NFSU Goa campus presented a paper titled "A novel lifting technique for sequencing of homogeneous intersecting lines" at International Conference in Multidisciplinary Approaches in Forensic Sciences on 13-14 December 2022 at GD Goenka University, Gurugram, Haryana.

Ms. Ankita Gandhi, TRA, School of Cyber Security and Digital Forensics, published a research paper on "Multimodal sentiment analysis: A systematic review of history, datasets, multimodal fusion methods, applications, challenges and future directions" in the Information Fusion Journal , Elsevier on 11th November 2022.

Dr. Parag Rughani, Associate Professor, School of Cyber Security and Digital Forensics, published a paper with Yash Patel and Dhruvil Desai on "Network Forensic Investigation of Collaborative Robots: A Case Study" in 7th International Conference on Mechanical Engineering and Robotics Research at Krakow, Poland in December - 2022.

Dr. Parag Rughani, Associate Professor, School of Cyber Security and Digital Forensics, published a paper in collaboration with Yash Patel on "Can Robots Harm? A Technical Survey on Robots and Their Challenges," in 7th International Conference on Robotics and Automation Engineering (ICRAE) at Singapore in November - 2022.

Dr. Parag Rughani, Associate Professor, School of Cyber Security and Digital Forensics, published a paper in collaboration with Yash Patel and Dhruvil Desai on "Analyzing Security Vulnerability and Forensic Investigation of ROS2: A Case Study" in 8th International Conference on Robotics and Artificial Intelligence (ICRAI '22) organized by Association for Computing Machinery, New York, NY, USA in November 2022.

Dr. Swikar Lama, Associate Professor of the School of Behavioural Forensics, co-chaired a session and presented a paper at the 43rd All India Criminology Conference on 'Reimagining Criminology and Criminal Justice in the Context of Changing Paradigms in Science and Technology' from 17th to 19th December 2022 .

Dr. Astha Pandey, Associate Professor, School of Forensic Science, has published a paper on "A novel paper-based microfluidic device and UV-visible spectroscopy coupled method for the field detection and analysis of seized marijuana samples" in Applied Research, 2022.

Dr. Astha Pandey, Associate Professor, School of Forensic Science has published a paper on "Detection and characterization of Gasoline and Polycyclic Aromatic Hydrocarbons on different materials by Gas Chromatography-Mass Spectrometry" in Asian Journal of Chemistry.

Dr. Astha Pandey, Associate Professor, School of Forensic Science has published a paper on "Gas Chromatography: Method Development and Validation for Identification and Quantification of Delta-9-Tetrahydrocannabinol by Calibration Approach" in Asian Journal of Chemistry.

Dr. Chandra Shekhar Yadav, Assistant Professor, School of Forensic Science has published a paper on "Depletion in basic soil components and increased heavy metal load is associated with declined saffron growth in Kashmir valley region" in Material Today Proceedings. November 2022.

Dr. Chandra Shekhar Yadav, Assistant Professor, School of Forensic Science has published a paper on "Green ZnO nanoparticles derived from Crocus sativus corm extract and their bactericidal activity against E.coli and Bacillus subtilis" in Material Today Proceedings. November 2022. [Impact Factor= 4.59]

Dr. Chandra Shekhar Yadav, Assistant Professor, School of Forensic Science has published a paper on "Xeno-Estrogenic Pesticides and the Risk of Related Human Cancers" in the journal Xenobiot in November 2022.

Dr. Hiral Sanghavi, Assistant Professor, School of Forensic Science, presented a paper on "Synapomorphic variations in the THAP domains of the human THAP protein family and its homologs" at the Transposable Elements In Human Brain Evolution and Diseases conference on 7th December 2022.

Dr. Niha Ansari, Assistant Professor, School of Forensic Science, presented a paper on "Evaluation of the possibility to differentiate between ammunition via GSR Image mapping" in the 1st International Conference on 'Multidisciplinary Approaches in Forensic Science' on 13-14 December 2022

ACHIEVEMENTS

DR. PURVI POKHARIYAL ELECTED AS CHAIRPERSON, INDIAN SOCIETY OF CRIMINOLOGY



Prof. (Dr.) Purvi Pokhariyal, Gujarat Campus Director of NFSU was unanimously appointed as Chairperson of the Indian Society of Criminology for two terms on 18th December 2022. In the Society's 52 years of existence, Prof. (Dr.) Pokhariyal became the first woman Chairperson ever. Besides this, Prof. (Dr.) Beulah Shekhar, Dean of School of Behavioural Science of NFSU was also elected as Dy. Chairperson of the Indian Society of Criminology. It was a rare occasion when both the Chairperson and Dy. Chairperson were elected from the same institution. On this occasion, a felicitation ceremony was organized at NFSU, Gandhinagar on 21st December 2022 where Dr. J.M. Vyas, Hon'ble Vice-Chancellor, felicitated Dr. Purvi Pokhariyal and wished her grand success in future endeavours.

PATENT GRANTED TO TEAM NDPS OF NFSU

Dr. Astha Pandey, Head, Centre of Excellence for NDPS, along with Research Scholars, Ketan Patil and Anirudha Dixit, were granted patent for 'Test for Preliminary Detection of Barbiturates Class of Drugs' (Patent No.-411605). The invention presents a innovative approach in detecting the presence of barbiturates, a class of drugs commonly used as sedatives or hypnotics. It provides a reliable and efficient method for identifying barbiturates in samples such as urine, blood, and saliva. The patented test incorporates a unique combination of chemical reagents and detection mechanisms, which achieves rapid and accurate screening, thereby benefiting forensic laboratories, healthcare facilities, and law enforcement agencies.



FACULTY WINS FIRST PRIZE IN INTERNATIONAL CONFERENCE

Ms. Vernika Mehta, Teaching & Research Associate at School of Forensic Science, secured first position at the International Conference on Forensic Science for her Paper under the professional category titled "Examination of mimic voices - A Forensic Prospect" organised by International Association of Scientists and Researchers in August, 2022.

FACULTY WINS YOUNG PHARMACY TEACHER AWARD

Dr. Bhoomika M. Patel, Associate Professor, School of Medico-Legal Studies was jointly awarded the "APTI Young Pharmacy Teacher of the Year" Award 2021 along with Dr. Ritesh P. Bhole of Dr. D.Y. Patil Institute of Pharmaceutical Sciences by the Association of Pharmaceutical Teachers of India during its annual national convention held at JSS College of Pharmacy, Mysore from 2 to 4th Sept., 2022.



NFSU STUDENT WINS FIRST PRIZE AT THINK INDIA IDEATHON 2022



Piyush Mohapatra, student of MBA Business Intelligence (Sem-1) at NFSU won the first Prize in the "Think India Ideathon 2022 - Envisioning India 2047 : Amrit Kal of Bharat" held at IIT Banaras Hindu University, Varanasi from 4th to 6th November 2022. Piyush's idea was - "KRITYUSH: Connect Life to Save Life" and Sub-Theme was "Ensure Affordable Healthcare Services for the Masses". More than 100 Ideas were considered from the prestigious Institutes of National Importance where NFSU's Piyush Mohapatra won the top prize.

STUDENT WINS BRONZE MEDAL IN ASIAN ACROBATIC GYMNASTICS

Ms. Nidhi Dharmadhikari, a student of M.Sc. Forensic Science at NFSU's Gujarat campus at Gandhinagar, won the Bronze Medal at the 12th Asian Acrobatics Gymnastics Championship held at Pavlodar, Kazakhstan. It's a huge achievement. Dr. J. M. Vyas, Hon'ble Vice Chancellor felicitated Ms. Nidhi and wished her many successes in future.



From the Editor's Desk

It has been a great privilege and a huge learning experience to be the Editor of 'NFSU Bulletin' for the past two and half years. As I handover the baton, I thank the Hon'ble Vice Chancellor, Dr. J. M. Vyas for the trust reposed in me and constant guidance, Editor-in-Chief, Dr. S.O. Junare for sustained support and taking keen interest, and the Editorial Team for all the cooperation. May the 'NFSU Bulletin' soar even higher.



“ If the law and order situation in India has to be improved, our criminal justice system has to be integrated with the investigations done by forensic science. ”

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



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