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National Forensic
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Knowledge | Wisdom | Fulfilment
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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HON. UNION HOME MINISTER, SHRI AMIT SHAH LAYS FOUNDATION STONE OF NFSU CAMPUS IN GOA



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THEY LEFT US FOREVER...



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On 14th October 2021, Hon'ble Union Minister of Home Affairs and Minister of Cooperation, Shri Amit Shah, laid the foundation stone for the new Campus of NFSU in Goa. He performed Bhoomi Pujan and Shilanyas for the permanent campus at Dharbandora in Goa and inaugurated a temporary campus made ready at Curti in Ponda. The events were attended by the Hon'ble Chief Minister of Goa, Shri Pramod Sawant; Hon'ble Union Minister of State for Tourism and Ports, Shipping and Waterways, Shri Shripad Naik; Hon'ble Deputy Chief Minister of Goa, Shri Chandrakant Kavlekar; Hon'ble Minister of Public Works and Museum of Goa, Shri Deepak Pauskar, Hon'ble Member of Rajya Sabha, Shri Vinay Tendulkar, Union Home Secretary, Shri Ajay Kumar Bhalla IAS; Additional Secretary in the Ministry of Home Affairs, Ms. Punya Salila Srivastava IAS and many other dignitaries. All the dignitaries were received by the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas. He was accompanied by the Campus Director of NFSU's Gujarat Campus, Prof. (Dr.) S.O. Junare and the Executive Registrar of NFSU, Shri C.D. Jadeja who were instrumental in overseeing all the arrangements.

All the dignitaries were welcomed and felicitated by Shri C.D. Jadeja. In his welcome address, Dr. J.M. Vyas briefed about the plans for developing the Goa Campus of NFSU and the facilities that will be created. He informed that the campus will start functioning from the current academic session of 2021-22 with four courses i.e. 5-year B.Sc.-M.Sc. Integrated course in Forensic Science, M.Sc. in Forensic Science, M.Sc. in Digital Forensics & Information Security and

M.Sc. in Cyber Security with a total of 200 students. He expressed confidence that the new campus in Goa will go a long way in producing qualified forensic experts which will help strengthen the criminal justice delivery system. Speaking on the occasion, Shri Pramod Sawant brought out that Goa is rapidly emerging as an educational hub and innovation centre of the country, and a NFSU campus is a step further in this direction.

Addressing a gathering after performing pooja on a 50-acre plot allotted to NFSU at Dharbandora in South Goa, Shri Amit Shah said that the purpose behind generating forensic experts is to punish the dangerous and habitual criminals which is possible only with the help of scientific evidence made available by forensic scientists. He said that the government is planning to make it mandatory for forensic teams to visit the scene of all crimes that attract imprisonment of more than six years. To achieve this, the country needs around 600 forensic science teams with a mobile forensic van to cover all the districts of the country which in turn requires around 30,000 to 40,000 forensic experts. The Hon'ble Home Minister informed that this campus will not only teach forensic science to the students but also conduct diploma courses for police officers, judicial officers, cyber security experts and security staff of private companies. He urged the Vice Chancellor of NFSU to plan diploma courses in the Goa campus on subjects related to tourist safety, coastal policing and drugs & narcotics. Shri Amit Shah urged the students to join the forensic university and expressed hope that in future, Goa will have the reputation of a State producing largest number of forensic scientists.

Prof. (Dr.) S.O. Junare presented the vote of thanks. He started with thanking Shri Amit Shah for not only his valuable guidance and sparing time but also for the development, expansion and upgradation of NFSU. In addition, he profusely thanked Shri Pramod Sawant and other dignitaries for gracing the occasion as well as their guidance and sustained cooperation in setting up the campus. He also expressed gratitude to the guests, media personnel, and all those who worked day and night to make the event successful. The function was attended by eminent citizens from different fields, academia and students, maintaining strict COVID-19 protocol.



TEAM NFSU WORKS ON WAR FOOTING FOR GOA CAMPUS

When the Hon'ble Union Minister of Home Affairs and Minister of Cooperation, Shri Amit Shah laid the foundation stone for the permanent campus at Dharbandora in Goa and thereafter inaugurated a temporary campus at Curti in Ponda on 14th October 2021, it also marked the culmination of a huge dedicated effort by the Team NFSU. It was a novel experience for the members of NFSU to organize two back-to-back events of such high stature at a far away location, outside the state of Gujarat. While a 50-acre piece of land was earmarked for establishing the NFSU Campus, its formal handing over and preparing this undulated plot covered with wild vegetation, for Bhoomi Pujan and Shilanyas, followed by the inauguration ceremony to be attended by large number of guests at Dharbandora, located 45 Km away from Panjim, a major city and a capital of Goa, was a huge challenge. It required close coordination and lots of resources from various departments such as Land, Revenue, PWD, Electricity, Water Supply, Roads & Buildings, Forest, Police, Tourism and many more departments especially the local collectorate. Equally prompt and quality output was needed from the number of contractors as also the synchronisation of different preparations. Unseasonal and incessant rains further increased the degree of difficulty.

15 Km to the West of Dharbandora was the venue of the next event - inauguration of the temporary campus at Curti in Ponda by the Hon'ble Minister. In order to begin the courses immediately for their youth, the Government of Goa had identified a recently constructed guest house of the Animal Husbandry department for setting up the temporary campus at Curti, Ponda. It was a wonderful pro-active step on part of the State Government to provide an unused double storied building having large number of rooms. But preparing it for a



university campus needed major civil work to convert the guest rooms into class rooms and laboratories. The heavy rains and humid weather also called for variety of repairs and clearing of the surroundings full of wild growth. Being a small town, it had its own limitations of shortage of skilled workers, required items, internet connectivity, electricity supply, etc. Here too, rain was playing a spoil sport.

It was a race against time. It called for unprecedented effort, initiative and coordination. It was a testing time. And, as expected, Team NFSU rose to the occasion. Led from the front by the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas, the team was never short of decisions, advice and motivation. On ground, Campus Director of Gujarat Campus, Prof. (Dr.) S.O. Junare and the Executive Registrar of NFSU, Shri C.D. Jadeja, put in a well-thought out plan, oversaw every activity till completion, and coordinated at the highest level, bordering, at times, on to negotiations. They ensured that the preparations are not hampered. Dr. Malay Shukla, Assistant Professor of NFSU, was the quintessential 'linch pin' who was involved in everything everywhere ! He closely monitored each activity, putting in long hours of extreme hard work. A similar hard work was put in by Shri Marmik Shah looking after civil works, Shri Nilay Mistry for ICT related tasks, Dr. Pranav Dave for the entire arrangements and conduct of 'Bhoomi Pujan', Shri Bhavin Vadaliya and Shri Shailendra Jadeja in administrative work, ably supported by Shri Vishnu Thakor and Shri Vipul Thakor. Air Commodore R.N. Gaekwad also pitched in during last few days with his vast experience. The Team NFSU was fortunate to receive complete support and guidance in every activity from the local ex-MLA, Shri Ganesh Gaokar and NFSU's alumnus Shri Amol Deshmukh. Besides this, it must be acknowledged that various departments of civil administration put in tremendous effort in every sphere of activity. All the progress was being regularly monitored at the highest level in the CMO and problems resolved. It was truly a team effort.

UNION MINISTER OF LAW AND JUSTICE, SHRI KIRAN RIJITU INAUGURATES SCHOOL OF LAW, FORENSIC JUSTICE & POLICY STUDIES



On 27th September 2021, Hon'ble Union Minister of Law & Justice, Shri Kiren Rijitu, inaugurated the newly established School of Law, Forensic Justice & Policy Studies (SLFJPS). It was a matter of privilege for the National Forensic Sciences University to have the Hon'ble Union Minister for the inaugural ceremony. NFSU also had the honour to host Hon'ble Chief Minister of Gujarat, Shri Bhupendra Patel; Hon'ble Judge of Supreme Court of India, Mr. Justice M.R. Shah; Hon'ble Acting Chief Justice of High Court of Gujarat, Mr. Justice R.M. Chhaya; Hon'ble Minister of Law and Justice in the Government of Gujarat, Shri Rajendra Trivedi; Hon'ble Minister of State of Home in the Government of Gujarat, Shri Harsh Sanghavi; and Hon'ble Chairman of the Executive Committee of the Bar Council of India, Shri Apurba Kumar Sharma. Besides these dignitaries, number of former and seating Judges of the Supreme Court, High Court and District & Sessions Court, as well as members of the Bar Council and Advocates of the High Court graced the event. All the dignitaries were received and conducted by the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas. He was accompanied by the Campus Director of NFSU's Gujarat Campus, Prof. (Dr.) S.O. Junare, the Executive Registrar of NFSU, Shri C.D. Jadeja, and Prof. (Dr.) Purvi Pokhariyal, Dean of SLFJPS who were instrumental in overseeing all the arrangements.



At the outset, Dr. J.M. Vyas, Hon'ble Founder Vice Chancellor of NFSU welcomed Shri Kiren Rijiju with a specially designed copy of the Constitution of India and a traditional shawl, and presented a memento to him. Dr. Vyas similarly welcomed other dignitaries on the stage - Shri Bhupendra Patel, Mr. Justice M.R.Shah, Mr. Justice R.M. Chhaya, Shri Rajendra Trivedi, Shri Harsh Sanghavi, and Shri Apurba Kumar Sharma. Thereafter, Dr. Junare and Shri Jadeja welcomed other dignitaries.

Dr. J.M. Vyas delivered the opening address and informed that while we had made a humble beginning with just five courses, today we are conducting more than 70 courses. He further stated that following the vision of our Hon'ble Prime Minister, Shri Narendra Modi, we are now embarking on opening NFSU's campuses and training centers in different states of the country and even abroad. Laying down the long term plan of the university, he stated that besides focusing on the core area of forensic science, NFSU is determined to elevate the standard of criminal justice delivery system through academic excellence in all its three elements - law, forensic sciences and policing & security. He highlighted that establishment of SLFJPS is step in that direction.

Speaking on the occasion, Gujarat's Hon'ble Law and Justice Minister, Shri Rajendra Trivedi mentioned that as incidences of use of technology in committing of crime is increasing, there is need to upgrade the entire system with knowledge and technology. He hoped that this new law school would meet this requirement by producing tech-savvy experts in the country. Hon'ble Supreme Court Judge, Mr. Justice M.R. Shah was fascinated with the concept of the new law school. In his address, Justice Shah highlighted that as today's students are future lawyers and legal advisors, the country needs to train its human resources with knowledge and experience. He expressed confidence that a law school like this can surely fulfill such a need with its systematic training and scientific approach.

In his address, Hon'ble Chief Minister, Shri Bhupendra Patel said that the school will provide techno-legal experts who will be well equipped with knowledge. He wished that the new school will be able to blend Data Science with Law to help legal professionals provide evidence during trials and help deliver speedy justice and check cyber crime. He further stated that, in turn, it will offer employment opportunities to the youth.

Shri Kiren Rijiju began his address by expressing happiness at the presence of so many Supreme Court and High Court judges. He stated at the outset that the three separate organs, the Judiciary, Executive and Legislature, are very important and are working together for the interest of the nation, and there isn't a turf war. He, however, noted that many a times, justice is delayed due to lack of evidence but hoped that the students trained at this school will help fulfill this shortcoming in future. Hon'ble minister expressed confidence that this new school which is blended with technology and law, would evolve a strong system to check cybercrime and prove useful in imparting knowledge and training in Forensic sciences. He declared that the Central Government would provide all required assistance to NFSU as it is capable of disseminating its expertise throughout the country with its farsighted vision.

Prof. (Dr.) S.O. Junare, Campus Director of Gujarat campus of NFSU delivered a vote of thanks. He began with thanking Shri Kiren Rijiju for the valuable guidance and sparing time from his busy schedule. In addition, he profusely thanked all the dignitaries for gracing the occasion. Prof. Junare also thanked the guests, media personnel, and all those who worked tirelessly to make the entire visit successful. The event was conducted by Dr. Astha Pandey, Associate Professor of NFSU, and ended with singing the national anthem by all the attendees. The function was attended by the faculty, staff and students of NFSU, maintaining strict COVID-19 protocol.

IMPORTANT EVENTS

NFSU TEAM VISITS TRIPURA FOR SETTING UP CAMPUS



NFSU Team led by the Hon'ble Vice Chancellor, Dr.J.M. Vyas and comprising Campus Director of its Gujarat Campus, Prof. (Dr.) S.O. Junare, Executive Registrar, Shri C.D. Jadeja and the Nodal Officer for the North-East, Shri Sagar Bhoomik visited Agartala on 25th -26th October 2021 for setting up a campus in Tripura. Initially, the team met Smt. Pratima Bhoomik, Union Minister of State for Social Justice and Empowerment at her residence and discussed the proposal. Subsequently, the team met the Chief Minister of

Tripura, Shri Biplab Kumar Deb, and discussed the plan to establish a campus of NFSU in Tripura. The Hon'ble C.M. assured to extend all possible assistance and hoped that it will become a world-class campus. Later the team also met Shri Ratan Lal Nath, Tripura's Minister of Higher Education, School Education, Law & Parliamentary Affairs Departments. It was decided to establish a NFSU Campus temporarily in an old B.Ed. college building in Agartala from the current academic session itself. Further, the state government assured to allot around 50 acres land for establishing a permanent campus.

BRITISH HIGH COMMISSION TEAM VISITS NFSU



A Round-Table meeting between the British High Commission of India and NFSU was held on 30th September, 2021 at the Gujarat Campus of NFSU at Gandhinagar. The areas of mutual interest and possible collaboration in the field of Cyber Security, Digital Forensics, Law and Homeland Security were discussed during the meeting. The British High Commission delegation

was led by Ms. Katy Budge, Minister Councilor, Political Strategy and Communication at Foreign Commonwealth Development Office, Government of the U.K., and comprised Mr. Richard Barlow, Head, Political & Bilateral Affairs at the British High Commission in India, Mr. Vibhore Singh, senior trade Advisor (Security & Cyber Security) and Ms. Ameer Raninga, Political, Economic & Communication Advisor at the British Deputy High Commission at Ahmedabad. The NFSU team was led by the Hon'ble V.C., Dr. J.M. Vyas and comprised the Deans – Prof (Dr.). N.K. Chaudhary, Prof. (Dr.) Purvi Pokhariyal, Dr. Dharmesh Silajia and Air Commodore K.R. Thaakar.

ACTIVITIES

NFSU CELEBRATES NATIONAL CYBER SECURITY AWARENESS MONTH



NFSU celebrated October 2021 as the National Cyber Security Awareness Month under the aegis of its School of Cyber Security and Digital Forensics. Dr. J.M. Vyas, Hon'ble Vice-Chancellor, inaugurated the event on 6th October, 2021 by lighting the lamp. Later Dr. Vyas addressed the students with an enlightening speech laced with number of points to ponder upon and memorable anecdotes. He brought out that there are three modes of learning - Awareness, Education and Training, and thereafter pressed on the need to have a deeper knowledge and awareness of Cyber Security, to avoid becoming a victim of Cyber Crimes. He also appreciated the organizers for the series of events and talks planned to promote awareness throughout the month. Prof. (Dr.) Naveen Kumar Chaudhary, Dean School of Cyber Security and Digital Forensics, highlighted the theme of the awareness campaign - 'Do Your Part' and 'Be Cyber Smart'. He also shed light on various events to follow in the awareness campaign. He motivated the students to participate wholeheartedly and shared profound words of wisdom to set the wheels in motion of the month-long celebration.



CYBER DEBATE

The first event of the National Cyber Security Awareness Month, was the Cyber Debate Competition. The topic of the debate was - "Is India ready for cyber warfare?" A total of 12 participants across the schools, six for the motion and six against it, enthusiastically participated and presented their passionate arguments. The key points brought out by those for the motion during this debate was

India's high ranking on the US Telecom's Cyber Security Index, as compared to the ranking of our opponents, China and Pakistan. The increasing awareness about cyber security and the funding promised by the government were also brought up as good prognostic factors. They finished strongly with the idea that today's youth is more cyber aware than ever before which will go a long way in making India ready for cyber warfare.

Those debating against the motion, countered by bringing up the cyber-attacks at Mumbai and the response time that it took. The frequency of cyber-attacks against the government websites was also brought out as a valid argument. The event concluded with the students and audience realizing the gravity of cyber attacks which was not just restricted to personal cyber-attacks but was a threat to the nation's sovereignty. The event was won by Edmore Chikukwa, an international student from MBA (Homeland Security) with Priya Kaushal of M.Sc. (Forensic Psychology) being the first runner up. Air Commodore K.R. Thaakar, Dean SPSSS and Dr. Dharmesh Silajiya, Dean SFS & SMLS, served as the judges for the debate.



DRONE FORENSIC HACKATHON

Drone Forensic Hackathon was the second competition organized as a part of National Cyber Security Awareness Month. It was held in the highly sophisticated cyber labs where Prof. (Dr.) Naveen Kumar Chaudhary and Mr. Nilay Mistry initially guided and later judged the students. Many teams participated in the event where the students raced against time to carefully attend to their pictures and find artefacts from the image. In the end, the judges asked the participants questions and examined their thought process. The students were also asked to fill questionnaires and chain of custody forms to add the practical touch to this event. This event was won by Yash Shah, Jay Makwana, and Furkan Kanuga of M.Tech (Cyber Security).



CYBER ADALAT

Cyber Adalat was the third event that was specially designed to equip our future forensic experts in the field of Cyber Security, Digital Forensics and Forensic Psychology to understand the proceedings of the court as also to equip our budding lawyers from the newly opened School of Law, Forensic Justice

and Policy Studies. A total of five teams participated where each team consisted of a public prosecutor, a defense lawyer and a forensic expert. The event began with plain and simple outlining of the facts of the case. Subsequently, the budding lawyers were assessed on their case presentation and research while the forensic experts presented their forensic reports. All the participants were cross scrutinized by the judges very encouragingly. In the end, Priya Kaushal from M.Sc. (Forensic Psychology) bagged the title of 'Best Forensic Expert' while Garva Mathur from B.Sc. LLB emerged as the 'Best Budding Lawyer'.

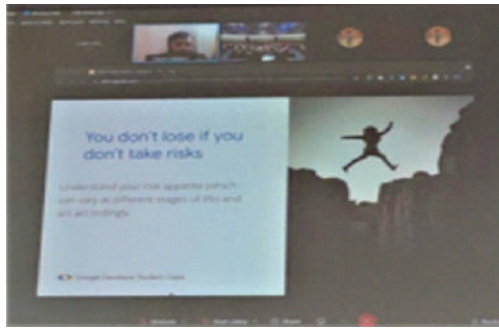


CYBER TABLETOP EXERCISE

Cyber Tabletop exercise was a discussion-based event where students participated in teams. The event witnessed a highly spirited knock-out round. In the final round, each team was given different scenarios related to the cyber domain and the teams were instructed to discuss their strategies and responses for those situations. They were judged by the judges based on their responses to these cyber situations posed to them. Mr Vishrant Khanna of MBA (Cyber Security) won the event.

CYBER YODHA

Cyber Yodha was the most awaited event of the National Cyber Security Awareness Month, 2021. The event involved a cyber-attack by the Red team while the Blue team was tasked to defend the cyber-attack. The students particularly enjoyed the hands-on practical exposure to the world of cyber warfare. Girls stole the show by bagging the first position. Ms. Jahnvi Trivedi, and Ms. Bhumi Vyas from MSc (Digital Forensics and Information Security) won the event.



CYBER HEROES

Cyber Heroes event witnessed a huge turnout from our students as they gathered to listen to our alumni who had success stories to share. The event kicked-off with a highly motivational speech by Dr. Naveen Chaudhary, Dean of the School of Cyber Security and Digital Forensics. He invoked words of Swami Vivekananda to emphasize on the need to differentiate between the

right and the wrong in life. He highlighted the importance of making the right decision at the right time. The event started with a powerful introduction by Shri Harsh Dattani who is part of the Google outreach development program. He covered various job opportunities available with Google, and about expectations from the field. Shri Rushit Soni, an entrepreneur, talked about how his company 'Forensic CyberTech' is a partner with the companies that come for placement in NFSU. Shri Hardik Tarpara and Ronak Sutariya, two of our alumni and bright entrepreneurs, shed light on their startup journey, Arishti Info Labs Pvt Ltd. Mr. Rushi Mehta, a consultant at the Indian Cyber Crime Coordination Center (I4C), a wing of the Ministry of Home Affairs (MHA), Government of India (GoI), discussed about various opportunities in the government sector. The event not only shared the success stories of our alumni but also equipped the future Cyber Security experts with the right kind of expectations and information.

CYBER SECURITY CONCLAVE

Cyber Security Conclave was the concluding event of the National Cyber Security Awareness Month, 2021. The event provided a platform to Law Enforcement Agencies, Industry, Banking, Finance and Insurance sector to discuss the challenges being faced in the Cyber security domain and the way forward. The conclave saw one of the most exciting and enlightening discussions on various contemporary topics and relevant themes such as 'Cryptocurrency and its Future', 'Dark Web and Crime', 'Cyber Security Challenges' etc. The dignitaries not only contributed as panelists but also as leading citizens and discussed as to how meaningful Cyber Security awareness can be achieved. The core organizing committee members of NCSAM 2021, and student awardees were felicitated by the CTOs and CISOs from the corporate sector. The keynote address was given in virtual mode by National Cyber Security Coordinator, Lt. Gen. (Dr) Rajesh Pant (Retd). In the end, the Hon'ble Vice Chancellor, Dr. J.M. Vyas appreciated initiative, effort in organising so many events and the whole-hearted participation of the students, staff and faculty of SCSDf.

IN A FIRST, NFSU CONDUCTS DOPING TEST FOR RECRUITMENT

One often hears about doping tests being conducted during various sports events. But in a first activity of its kind, NFSU conducted doping tests on the candidates appearing for the physical test for the recruitment of Police Inspectors. On directions of Gujarat Public Service Commission (GPSC), a team of NFSU's Centre of Excellence for Research & Analysis of NDPS undertook the mammoth exercise. The team led by Dr. Astha Pandey, Head of the Centre and Associate Professor, carried out a six-band test on as many as 1100 candidates which entails testing presence of six different tests. While Gujarat can take pride for being the first state to conduct such a test as a part of recruitment, the candidates also deserve compliments as none of them tested positive.



VISIT BY MADHYA PRADESH TEAM

A 7-member Madhya Pradesh Govt delegation lead by its Home Secretary visited NFSU on 27th October 2021 to discuss modalities for establishing a NFSU campus in M.P. Initially, the team was briefed about the academic programmes, research facilities and infrastructure at NFSU. Subsequently,

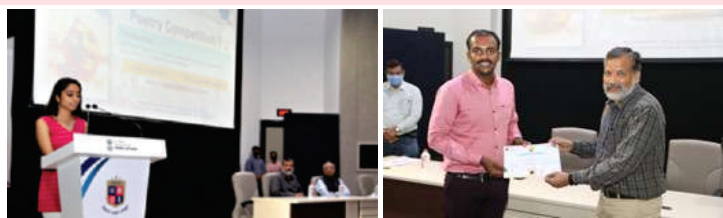
the team visited the various laboratories and centres. During the visit, some of the proposals discussed were about setting up a NFSU campus, establish collaborative arrangements with other universities in the state of M.P., and affiliate few of the colleges with NFSU.

ICCR INSPECTION TEAM VISITS NFSU

A 4-member Inspection Team of the Indian Council for Cultural Relations (ICCR) visited NFSU on 29th October 2021. They interacted with ICCR sponsored foreign students as well as the faculty and staff of the Centre for International Relations. The team comprised Shri Sudarshan Shetty, Regional Officer at ICCR Regional Office, Dr. Jigar Inamdar, Consultant and Regional Director at ICCR Regional Office of Ahmedabad, Shri Rakesh Kumar, Assistant Programme Officer at ICCR Headquarters in New Delhi and Shri Subhash Singh, Programme Officer of ICCR Regional Office at Ahmedabad. In the end, the team also interacted with the Hon'ble Vice-Chancellor, Dr. J.M. Vyas and the Head of the Centre for International Relations, Prof. (Dr.) NK Chaudhary.



125TH ANNIVERSARY OF ZAVERCHAND MEGHANI CELEBRATED



NFSU celebrated the 125th birth anniversary of one of the tallest poets of Gujarat, Shri Zaverchand Meghani who was acknowledged as a 'Rashtriya Shaayar' by Mahatma Gandhi. The event comprising competition for recitation of creations of 'Rashtriya Shaayar' Shri Zaverchand Meghani, was organized at NFSU in collaboration with Knowledge Consortium of Gujarat on 17th September 2021. The event was part of 'Azadi Ka Amrit Mahotsav' and was presided by the Hon'ble Vice-Chancellor, Dr. J.M. Vyas. The first prize was awarded to Rohit Bajaniya, the second prize was won by Zafirabanu Parmar and the third prize went to Priyanka Sharma. All the winners were awarded a certificate and a cash prize, and nominated for the state level competition. Dr. Dharmesh Silajiya, Dean School of Forensic Science and the School of Medico-Legal Studies, along with Dr. Pranav Dave and Shri Dharmesh Dave, both Assistant Professors, were the judges for the competition.

INTERNATIONAL STUDENTS VISIT STATUE OF UNITY



Zimbabwe Presidential Scholarship students were taken on a 2-day visit to the 'Statue of Unity', world's tallest statue by NFSU on 9th and 10th October, 2021. Forty international students along with NFSU Officials visited the 182-metre tall statue of Sardar Vallabhbhai Patel that stands on the river island, Sadhu Bet on River Narmada. Besides the iconic statue, making a trip up inside the structure and enjoying the scenic beauty around, the students also visited the Jungle Safari which is a recently inaugurated collection of exciting animals and birds from the different parts of the world.

In the evening, the students also witnessed the Light and Sound show covering the life Sardar Patel and his contribution to the Independence Movement as well as the unification of India as one nation.

GANESH CHATURTHI CELEBRATION AT NFSU



During an academic year, number of festivals are celebrated at NFSU to break the monotony of classes, reenergize everyone's bodies, minds and spirits, and enhance the spiritual standard. As a part of it, on 10th September 2021, students of NFSU celebrated the festival of Ganesh Chaturthi with much fervor and joy, and sought the blessings of Lord Ganesha. Seniors students took it upon themselves to educate others the importance of this festival and bring everyone together for making all the preparations from ranging from decorations to worshiping to Prasad distribution. The festivities from the 'Ganpati Sthapana' to 'Visarjan' were striking as the students brought an eco-friendly Ganesha idol, and decorated it similarly and immersed the idol too within the university campus in a water tub instead of immersing it in a lake or a pond. Throughout the festival, drums and bells were played loudly to the shouts of "Ganpati Bappa Morya" as the young devotees matched their step with music. On this auspicious occasion, a Maha-Arti was organized which was attended by the Hon'ble Vice Chancellor Dr. J.M. Vyas and all the faculty members, staff and the students of NFSU.

KNOWLEDGE SHARING

MOU WITH VOLGOGRAD ACADEMY OF RUSSIA



On 29th September 2021, NFSU signed a MoU with the Volgograd Academy of the Ministry of the Interior of Russia. Police Major General V.I. Tretyakov, Chief of the Volgograd Academy and Dr J. M. Vyas, Hon'ble Vice Chancellor, NFSU signed the MoU in a virtual signing ceremony. This collaboration will provide opportunity to both the organizations to work on educational and scientific areas, especially academic collaboration, joint conduct of scientific research in areas of common interest, and training of the law enforcement agencies. The NFSU team was represented by the Hon'ble Vice Chancellor, Dr. J.M. Vyas, Prof. Naveen Kumar Chaudhary, Head of the Centre for International Relations and the Coordinator of the Centre, Dr. Abraham Johnson.



MOU BETWEEN ICRC AND NFSU

On 6th October 2021, the International Committee of the Red Cross and NFSU have renewed their bond through a Memorandum of Understanding. The aim has been to jointly work towards the Humanitarian Forensic services for the benefit of the society. The partnership aims to further strengthen the International Centre for

Humanitarian Forensics (ICHF), established in 2018, to promote the study of Humanitarian Forensics in India, through teaching, research and consultancy. The ICRC team comprised Mr. Jan Miskoc, Head of Regional Delegation, ICRC New Delhi, Dr. Elif Gunce, Co-Head, ICHF and Dr. Darshana Sharma, Forensic Program Assistant, ICRC New Delhi. The NFSU team was led by the Hon'ble Vice Chancellor, Dr. J.M. Vyas, Executive Registrar of NFSU, Shri. C. D. Jadeja, Head of Centre for International Relations - Prof. Naveen Kumar Chaudhary, Dean, SLFJPS - Prof.(Dr.) Purvi Pokhariyal, Co-Head, ICHF - Dr. G. Rajesh Babu and the Coordinator, ICHF - Dr. Abraham Johnson.

WORKSHOPS / SEMINARS / CONFERENCES

WORKSHOP ON DARK WEB & CRYPTO-CRIME INVESTIGATION



On 24th September 2021, a one-day online workshop on Darkweb & Crypto-Crime Investigation was organised by the School of Cyber Security and Digital Forensics of NFSU for the personnel of law enforcement agencies. Some of the topics covered during the workshop were Role of Darkweb and Darknet in Cyber Crime, Concept and Case study of Crypto Currency, Investigation of Darkweb Crime, Cyber Terror and Crypto Funding Investigation. The event was kick-started by the address of Hon'ble Vice-Chancellor, Dr. J.M. Vyas.

NATIONAL E-CONFERENCE ON MENTAL HEALTH IN AN UNEQUAL WORLD



On the eve of World Mental Health Day being celebrated on 10th October 2021, NFSU's School of Behavioral Science (SBS) organized a two-day e-conference on the theme 'Mental Health in an Unequal World' on 7th and 8th October 2021. Prof. (Dr.) S.O. Junare, Campus Director started the proceedings with an opening address and Prof (Dr.) Girishwar Mishra delivered a key note address which was

followed by expert talks by ten eminent speakers from across the country such as Prof. Manas Mandal, Dr T.B. Singh, Dr. C.R. Mukundan, Prof. Vibha Sharma, Dr. Thomas Kishore, Dr. Ruchi Verma, Dr. Jagdish Sadiza, Dr. Manisha Jha and Dr. Tilottama Mukherjee. The experts enlightened the participants with their knowledge and experience on topics like disability and mental health, mental health literacy, digital technology & mental health, mental health of at risk population, changing lifestyle during pandemic and its impact on mental health, and pandemic & mental health. On culmination of the e-conference, Ms. Pooja Nath Sharma, Asst. Professor of SBS, presented a report on the proceedings. Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas delivered a closing address, sharing his views on the subject. The e-conference ended with Dr. Smita Pandey, Dean of SBS, presenting a vote of thanks to all the eminent speakers, participants and the organizers.

FACULTY DEVELOPMENT PROGRAM ON DIGITAL FORENSIC

The AICTE Training and Learning (ATAL) Academy is one such initiative that has been conducting various Faculty Development Programs for imparting/upgrading faculty knowledge in emerging thrust areas. Given the unprecedented COVID-19 backdrop, this year FDP programs have been scheduled in online mode. One such program in the emerging field of Digital Forensics was organised by NFSU between 18th October to 22nd October 2021. It was attended by more than 150 participants which included faculty members and industry experts from various Cyber Security domains.

MOOT COURT WORKSHOP CONDUCTED AT NFSU



Mooting is a court proceeding practiced at law colleges and institutions to make students familiar with the oral proceedings that take place in real courtrooms. NFSU's School of Law, Forensic Justice & Policy Studies conducted a Moot Court Workshop for the students of B.Sc. LL.B. (Hons) and LL.B. (Hons) programme from 11th October to 14th

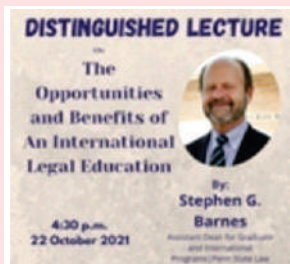
October 2021. On this occasion, renowned practitioners and advocate, such as Dr. Biswa Kalyan Dash, Kalinga Institute of Industrial Technology and Advocate Shreshth Vardhan of Rajasthan High Court (Jaipur Bench) were invited to conduct the workshop. In the inaugural session, Dr. Dash laid emphasis on the creation of a healthy mooting culture in the university and encouraged the students to participate actively in the workshop. On the second day, students were presented with a legal problem and encouraged to find solutions for that and frame their arguments accordingly. Third day started with Advocate Shreshth Vardhan explaining the nitty-gritty of memorial - making and editing. He shared many of his interesting mooting experiences. The final session of the workshop on the fourth day, was the most interactive one with some volunteers preparing memorials on the problem case and having a small trial.

NFSU PARTICIPATES IN STRATEGIC BORDER INFRASTRUCTURE CONFERENCE

NFSU's School of Police Science & Security Studies (SPSSS) participated in a 3-day online conference on Strategic Infrastructure & Border Development organized from 15th September to 17th September 2021. The conference was organized by the Global Counter Terrorism Council (GCTC), an international think-tank based at New Delhi. Air Commodore K.R. Thaakar, Dean of SPSSS was invited to participate in separate discussions on 'China's policy of encircling India and counter measures' as well as 'Challenges, Strategy and Vision of Coastal & Maritime Security'. Dr. Pavithran Nambiar, Senior Faculty of SPSSS, took part in two panel discussions on 'External security challenges at the borders, response of other countries and solutions' and 'Countering internal security challenges at the borders'. Mr. Keval Pandya, TRA Faculty at SPSSS, participated in a panel discussion on 'New technological challenges at the borders - Drone attack, surveillance by enemy, use of modern technology, social media etc'.

GUEST TALKS

PROF. STEPHEN BARNES OF PEN STATE UNIVERSITY SPEAKS TO NFSU STUDENTS



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TRAINING & PRESENTATIONS

TRAINING ON "WILDLIFE FORENSICS" FOR MADHYA PRADESH FOREST OFFICERS



NFSU organized a training program on "Wildlife Forensics" for ACF and RFO level officers of Madhya Pradesh Forest Department from 25th to 27th October 2021. At the outset, Prof. (Dr.) S.O. Junare, Campus Director delivered a key note address and Shri R.N. Guna, Dy. Director (Training), briefed about the activities of NFSU to the trainee officers. During the training,

officers were imparted training on field based investigation covering various aspects of Forensic Science such as Forensic Biology & DNA, Forensic Toxicology, use of digital evidences in Wildlife crime cases, importance of Forensic Psychology, and veterinary interface. The officers were provided hands-on training for Crime Scene Management through a MOCK Crime Scene, followed by brain-storming session and discussion on case studies by the experts. Dr. Malay A. Shukla, Assistant Professor at School of Forensic Science, conducted and co-ordinated the training program. The training was organized in collaboration with Wildlife Conservation Trust.

TRAINING OF RESEARCH ASSISTANTS FOR BPR&D PROJECT



NFSU is undertaking a project titled 'A study of factors responsible for recidivism' funded by the Bureau of Research & Development (BPR&D), MHA. As a part of the project, a 4-week long training was conducted at the School of Behavioural Sciences (SBS) for the Project Director, Ms. Krupa Nishar of the School of Forensic Psychology and eight other research assistants. The training comprised topics like Rapport Building & Clinical Interviewing skills, Raven Standard Progressive Matrices, Millon Clinical Multiaxial Inventory-III, Hare Psychopathy Checklist - Revised, and self-report measures. The training also included number of visits to Sabarmati Central Prison at Ahmedabad for hands-on-training experience on administration and scoring of the aforesaid tools. During

the training, Smt. Anupama Nilekar Chandra, IG(Training) at BPR&D also visited NFSU on 13th August 2021. The training was conducted by Dr. Ravikesh Tripathi, Dr. Priyanka Kacker, Dr. Biswajit Dey, Dr. K. K. Mishra, Ms. Priyanka Samuel and Ms. Rupangi Shah under the overall guidance of Dr. Smita Pandey, Dean of SBS and the then Dean of the School of Forensic Psychology, Air Commodore K. R. Thaakar. At the culmination of the training programme on 1st September 2021, the trainees organised a thanksgiving event and presented potted plantlets as a souvenir to the experts and the organizers. Subsequently, the research trainees embarked for data collection at the Tihar Jail in New Delhi, Dasna Jail at Ghaziabad and Bhondsi Jail at Gurugram.

TRAINING COURSES ON FORENSIC EXAMINATION IN SEXUAL ASSAULT CASES

New Delhi Campus of NFSU (erstwhile NICFS) has been regularly conducting Special Training Courses on Forensic Examination in Sexual Assault Cases as envisaged under the National Mission for Safety of Women launched by Govt. of India. During September and October, 2021, four such courses were conducted (online) in which 148 participants including Medical Officers, Judicial Officers, Prosecuting Officers, Police Officers and Forensic Scientists participated. During these courses, the issues regarding medico-legal provisions in Sexual Assault Cases, and medico-legal examination of survivor and accused using Standard Protocols and Kits were discussed.



TRAINING FOR IDBI OFFICERS

NFSU conducted a Specialised Training Programme for the officers of the Industrial Development Bank of India (IDBI) from 4th October to 6th October 2021. The focus of the training was 'Forensic Auditing & Fraud Investigation' where experts from the university as well as outside gave in-depth guidance on the subject. In all, 30 IDBI officers participated in the training.

EXPERT TALKS

1. Dr. Haresh Barot, Associate Dean, School of Management Studies, chaired a session during a Workshop on Forensic Accounting and Fraud Investigation on 25 – 26 October, 2021, organized by The Western India Regional Council (WIRC) of Institute of Chartered Accountants of India (ICAI).
2. Dr. Biswajeet Dey, Assistant Professor at SBS was invited as a resource person on 5th October 2021 for the online scientific session to deliver a talk on "Tele-Mental Health- A Shift" as part of WHO Initiative on Mental Health Awareness Week, 2021, organized by National Institute for the Empowerment of the Persons with Intellectual Disabilities, Under the Ministry of Social Justice and Empowerment, Government of India, Kolkata.
3. Dr. G. Rajesh Babu, Associate Professor of Forensic Science was invited to deliver a keynote address at the 1st Biennial Symposium of Association of Forensic Odontology for Human Rights on Rescue, Rights and Dignity of the Dead held on 23rd and 24th September 2021 on the topic 'International Centre for Humanitarian Forensics – Mission and Vision for the competent workforce'.
4. Dr. Rakhi Agarwal, Associate Professor at School of Forensic Science, delivered a talk as Expert Faculty on "Protective Effects of Curcumin, Vitamin E and Selenium against Mercury Toxicity: Dietary Supplements Containing Natural Antioxidants" during the 24th World Congress on Clinical Nutrition along with the 1st World Congress on Medical Food and Nutrition from 16 to 18 October, 2021 at Haridwar, organized by the International Society for Medical Food and Nutrition, King George's Medical University, Lucknow.
5. Dr. Digvijaysinh Rathod, Associate Professor of SCSDf, conducted expert talk on "Basics of Communication Devices & Media (Computer, Internet & Mobile etc.) Cybercrime perspective" on 9th October 2021 in the Cyber Crime and Cyber Law Awareness Course for Judicial Officers organized by Gujarat State Judicial Academy, Ahmedabad.
6. Dr. Digvijaysinh Rathod, Associate Professor of SCSDf, conducted expert talk on "Terrorist Attack: Cyber Crime Case Study" on 23rd October 2021 in the Cyber Crime and Cyber Law Awareness Course for Judicial Officers organized by Gujarat State Judicial Academy, Ahmedabad.

PUBLICATION OF BOOKS / CHAPTERS / PAPERS

1. Dr. Proshanto Kr. Saha, Assistant Professor at SBS, published a seminal research article in collaboration with Prof. Dr. Richard J Siegert, Ms. Kalpana Raman & Dr. Christian, Krageloh from Auckland University of Technology, New Zealand, on the topic "Validation of the English Language Version of the Five Facet Mindfulness Questionnaire in India: a Rasch Analysis" in the Mindfulness Springer Journal in September 2021.
2. Dr. Ravikesh Tripathi, Assistant Professor at SBS published a book chapter in collaboration with Sharan V. titled as "Clinical Psychology in the Contemporary Indian Context" in 'Psychology in Modern India' in Springer Journal, in October 2021.
3. Dr. Mahesh Vasava, Assistant Professor at School of Pharmacy Published a book chapter on "The importance of Computational Chemistry in Drug Discovery" in book titled "Modern Research in Chemical Studies, Vol-1" in September, 2021.
4. Mr. Jigar Raval and Ms. Riddhi Trivedi, both Research Scholars at NFSU, and Dr. Prajesh Prajapati, Sr. Assistant Professor at School of Pharmacy, has published a paper on "Preparation, Characterization, and In-Vitro Assessment of Calixarene Nanovesicles : A Supramolecular Based Nano-Carrier for Paclitaxel Drug Delivery " in Pharmaceutical Chemistry Journal; 55(6):570-9 in September 2021.
5. Dr. Deepak Rawtani, Associate Professor, School of Pharmacy, NFSU and Ms. Maithri Tharmavaram, Research Scholar, has published a paper on "Chitosan functionalized Halloysite Nanotubes as a receptive surface for laccase and copper to perform degradation of chlorpyrifos in aqueous environment" in International Journal of Biological Macromolecules; 191:1046-55 in October 2021.
6. Dr. Abraham Johnson, Assistant Professor at School of Medico-Legal Studies along with Dr. Gargi Jani, Program Manager, and Dr. Astha Pandey, Associate Professor at School of Forensic Science, published an article titled "Assessment of the accuracy of 3D printed teeth by various 3D printers in forensic odontology" in the Forensic Science International Journal in October 2021.
7. Dr. Abraham Johnson, Assistant Professor at School of Medico-Legal Studies along with Dr. Jyotirmoy Roy and Dr. M. M. Rohith, alumni and research team from Zoological Survey of India published an article entitled "Establishing Cranio-Dental Keys for Human and Non-Human Primates: Implication in Forensic Investigations" in the Proceedings of the National Academy of Sciences, India - Section B: Biological Sciences. (Scopus Indexed)
8. Dr. Rakhi Agarwal, Associate Professor at School of Forensic Science, and Aaditya Vikram Gaur, Ph.D. Scholar, have published a research article on "Risperidone Induced Alterations in Feeding and Locomotion Behavior of Caenorhabditis elegans" in the 2nd issue of Current Research in Toxicology in October 2021.

ACHIEVEMENTS

PATENT GRANTED TO NFSU FACULTY



Dr. Jayrajsinh Sarvaiya, Senior Asst. Professor at School of Engineering and Technology along with Ms. Anjali Bavishi, alumni of Food Forensics at NFSU, were awarded Indian Patent (PATENT NUMBER 377040) for their invention on Tetrahydrocurcumin containing health food in October 2021 after three years of proceedings. This invention offers alternative of curcumin based products which suffer from many practical and application limitations. The Food Forensic laboratory of School of Engineering and Technology has also filed other national and international patents in New Product Development and on-spot sensor domains, some of which involves collaborative work with foreign companies.

SUCCESSFUL INVESTIGATION OF STRUCTURAL FAILURE CASE



Dr. Merool Vakil, Asst. Professor for Forensic Structural Engineering at the School of Engineering & Technology along with her team of Prof. R.J. Shah and Mr. Abhi Shah, have successfully investigated a challenging case of facade failure of the U.N. Mehta Institute of Cardiology & Research Centre at Ahmedabad. A 32 m high and 14 m wide façade structure of a 8-storied R.C.C. framed pediatric cardiac hospital building was damaged on 18th May 2021. In order to ascertain the exact cause of this incident, Dr. R.K. Patel, Director of the institute, had requested the NFSU to assist in 'Assessment of damaged façade structure' as an independent agency. In turn, the NFSU team of the School of Engineering & Technology visited the site number of times, studied the samples of failed structure, reviewed relevant structural, architectural and fabrication drawings, even inspected the structure closely from a crane, and performed detailed evaluation. The team also studied contract and tender documents, interviewed the contractor, owner and PMC representatives to arrive at a detailed investigation report which has been well appreciated. The progress was periodically monitored and valuable suggestions offered by the Hon'ble Vice Chancellor of NFSU, Dr. J.M. Vyas. In the past also, the team has investigated many structural failure cases, root cause of road damage, investigation of old structures and those damaged by fire, and carried out testing of various construction materials.

Dr. Rakhi Agarwal, Associate Professor at the NFSU's School of Forensic Science was honoured with "Dr S N Acharya Felicitation Award" by International Society for Medical Food and Nutrition, India during the 24th World Congress on Clinical Nutrition organized by King George's Medical University, Lucknow. in October 2021.

Ms. Sarita Mishra, Ph.D. Scholar at the NFSU's School of Forensic Science has been awarded Prof N S Verma Best Research Award on the basis of her research findings and presentation entitled "Impact of Ascorbic Acid on Behavioral Alterations in High Glucose Fed C. elegans" during the 24th World Congress on Clinical Nutrition from 16 – 18 October, 2021 at Haridwar, organized by the International Society for Medical Food and Nutrition, King George's Medical University, Lucknow.

MICROSOFT PICKS UP NFSU STUDENTS WITH RS. 43 LAKH PACKAGE



In a recent placement drive for cyber security students of NFSU, Microsoft has selected four students with an annual package of Rs 43 Lakhs. Dr. J.M. Vyas, Hon'ble V.C., congratulated the students - Naman Shah of M. Tech. (Cyber Security), Samarth Desai of M.Sc. (Digital Forensics & Information Security), and Anindita Gosh and Jeet Rami, both from M.Sc.(Cyber Security).

FROM THE FREEDOM MOVEMENT...

A MUTINY THAT PROPELLED FREEDOM

In the saga of Indian independence, if there is one event which is conspicuous by its absence, it is the Naval Mutiny of 1946. A string of mutinies in the Army, Navy and Air Force, kept out of public glare by the British, culminated into the 1946 mutiny by the Indian Naval sailors which brought the might of the British Empire to its knees, or, at least, forced the early British departure from India as they could no longer trust their armed forces. In the platinum jubilee year of this episode, it is only appropriate that the Naval uprising be revisited so as to appreciate its profound impact.

During World War II, as the Indian troops had fought alongside other countries and realised that they were not inferior either in skills or courage, they had started questioning the need for them to serve the British. This, coupled with the poor living conditions and ill treatment, made the sailors rebel. The fire of revolt was ignited at HMIS Talwar at Colaba in Bombay when the morning bugle was sounded on 18th February 1946 as not a single sailor turned up, refused to eat, struck work, and shouted slogans of 'Quit India' and 'Jai Hind'. The British ensign or the flag on HMIS Talwar was lowered and the 'Azad Hind' flag of the INA unfurled on the mast along with the flags of the Congress and Muslim League to symbolise unified action of Hindus and Muslims. The Naval Mutiny had begun.

On that day, the Naval personnel changed the name of the 'Royal Indian Navy' to the 'Indian National Navy', in the spirit of Subhash Bose's 'Indian National Army'. HMIS Talwar being a signals ship, contacted other ships and within a short period, 20,000 Indian sailors across the nation took control of 78 ships and 20 shore establishments from Karachi to Chittagong including Bombay, Visakhapatnam, Madras, Kochi, Jamnagar, Calcutta and even Indonesia, Aden and Bahrain. They also took control of the Transmission Centre at Kirkee which was the communication link between the Indian Government and the British. In Bombay, the guns fitted on the ships were pointed at the Gateway of India, the Yacht Club and the Taj Mahal Hotel, with threats to blow them up. In yet another audacious act, the young sailors also took over the Butcher Island which was the ammunition depot for the British. To express sympathy with the sailors, thousands of residents of Bombay poured out onto the streets in protest. Soon the whole city came to a standstill as the civilians showed their support with strikes, destruction of police stations, post offices and the public transport system as trains were burnt. The revolt received widespread support from public not only in Bombay but also in Karachi, Calcutta, Ahmedabad, Madras, Trichinopoly, Madurai, Kanpur and several places in Assam.

As expected, the Government reacted with full fury. Navy ships were summoned from Trincomalee in Ceylon, Tanks and Artillery guns were moved in, and the Air Force bombers made low passes in a show of strength. After the Indian troops refused to fire, British Army troops were called in which imposed curfew and were ordered to shoot at sight, killing nearly 400 people and leaving 1,500 injured. Pitched battles took place between the revolting sailors and the Army troops which had laid a siege at the Castle Barracks, now INS Angre of Mumbai, cutting off water and electricity.

The revolt was called off on 23 February 1946 after Sardar Vallabhbhai Patel made an appeal which was later echoed by Mohammed Ali Jinnah on behalf of the Muslim League. While the uprising ended, it had witnessed a massive outpouring of public support for the mutineers. For the first time, the blood of men in uniform and civilians was spilled in a common cause. Also, the death toll in the clashes was the highest recorded until then. In a befitting recognition, the Navy honoured the two prominent leaders of the uprising, sailors B.C. Dutt and Madan Singh, by naming two yardcraft after them. Later, on the Navy Day 2001, 'Uprising Memorial' was inaugurated and opened to public at Cooperage in Mumbai.

The Naval Mutiny of 1946 was a courageous and audacious revolt by patriotic young men. This revolt was different - it was directed against the British government and not against superior officers - not a single officer, British or Indian, was harmed. Such was its impact that in 1956, Lord Clement Atlee, the British Prime Minister at the time of independence, attributed the hurried departure of the British in 1947 to the Indian National Army and the Naval Mutiny of 1946. In 1967, the British High Commissioner, John Freeman also stated that the Naval Mutiny of 1946 had raised the fear of a large-scale mutiny - "The British were petrified of a repeat of the 1857 Mutiny, and this time they feared they would be slaughtered to the last man". Unfortunately, the magnitude and significance of the Naval Mutiny have been marginalised in most historical accounts. Whatever be the reasons, it is time we remembered the brave young men who dared to defy an Empire and energised the hearts and minds of our soldiers and citizens alike.



FIRST YEAR OF NFSU.....

“ It is our endeavour to create a modern educational system at par with global standards where the learning process is constantly redefined and redesigned to match global best practices.

”

- Shri Narendra Modi
Hon'ble Prime Minister of India



**National Forensic
Sciences University**

Knowledge | Wisdom | Fulfilment
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(Ministry of Home Affairs, Government of India)

