



# INSTITUTE OF FORENSIC SCIENCE



## **Gujarat Forensic Sciences University**

Sector - 18/A, B/h. Police Bhavan, Gandhinagar - 382007

Email: [dir\\_fs@gfsu.edu.in](mailto:dir_fs@gfsu.edu.in)

Ph. 079-65735518/19/20



## Mission

- The mission of this institute is to contribute to the society through the pursuit of education, learning, and research at the highest international levels of excellence.
- The institute gets distinguished itself as a diverse, socially responsible learning community of high quality research and academic rigor sustained by a faith that does justice.

## Vision

To disseminate the knowledge of Forensic Sciences among the various levels of curriculum and then to the entire society for serenity in life.





## About the Institute

FORENSIC SCIENCE, A FIELD OF VERSATILITY WITH PROLIFIC OPPORTUNITY

"Any place that anyone can learn something useful from someone with experience is an educational institution" -- William Wordsworth

Institute of Forensic Science under the Gujarat Forensic Sciences University has been established with a sole aim of producing experts in field of Criminal Investigation with the application of advanced scientific techniques. The primary and the most important vision of this institution is to inculcate the application of various scientific disciplines for the purpose of justice delivery. Starting with the much conservative disciplines of Forensic Sciences, this institution has come a long way by introducing more contemporary disciplines in the field of Science and Technology with the much required impetus being given to the development of various specializations through which the main goal of experts creations for services in various sectors in the government and private organizations could be achieved. Not shrugging off from the traditional embarking subjects such as Fingerprints, Questioned Documents, Ballistics, Analytical Chemistry, Toxicology, Explosives, Serology and DNA Analysis, Forensic Sciences have evolved new arena and are venturing into modern technology in the associated streams. In every specialty of Forensic Science there has been synergetic inclusion of the novel techniques for the easier, smoother, foolproof methods of investigation with scrupulous results.

More emerging field of Cyber Forensics finds excellent prospects in almost every field irrespective of their area of interest (portfolio)/ departments. From the traditional methods of imparting solutions for the criminal investigation, there has been giant leap made forward in the form of introducing Digital Forensics as a solution for the complexities associated with cyber related crimes or the crimes involving Information and communication arena. It has been already placed on record that this institution is a trend setter by starting various pioneer courses viz. Forensic Biotechnology, Forensic Nursing, Forensic Accounting, Forensic Management, Forensic Nanotechnology. The list gets lengthy as years roll by and becomes endless breaching the boundaries. With the subsequent courses on pipeline, the institution is emulating the international standards in various disciplines of Forensic Sciences.

In some of the specialties the institution leads from the front such as the Homeland Security and Anti-Terrorism. This course is totally dedicated to the emerging trends of counter measure for the terrorist activities. As terrorism has been a universal phenomenon, the technological knowhow to counter them is being rendered with the academia. This could be more comprehensive with the spectrum of forces and measures to counter them with the strategic methods suggested for the same purpose to make the society free from the menace of terrorism. This would render the society the serenity required for the safe survival. This is another way to endure freedom in every walk of life. There is a sense of socio political relevance in the form of countering the mass destruction or mass disasters either through the natural phenomena or manmade disasters

One of the most sought after technology in the modern era is that of the Information Technology and solutions for the cyber crimes. The technological knowhow is being offered in the academic curricula for the aspirator of the Cyber Crime Investigation. The combination of the Technology and Science gets the perfect fusion in the form of the best resolution for every criminal investigation involving cyber crimes and information security breaches. Global scenario reveals the dearth of the experts in this specialty.

There is another effort made to be a pace setter nationally for the fundamental and applied Sciences and Technology in the field of Forensic Sciences. The institute has been striving to undertake the project in the fields of Ballistics, Forensic Biotechnology, and Forensic Nanotechnology to mention a few that are more appropriated and is also the need of the hour for the society as a whole. The research in Forensic Biotechnology may yield novel discoveries and may definitely render useful applications for not only to the law enforcement agencies and the judiciary but also to the society in particular.

There are boundless opportunities for the researchers and enthusiasts in Forensic Sciences to explore this prolific entity. Thereby, it is possible to elucidate easier methods for the resolution of crimes and the identification of criminals. The institute has been contemplating to sensitize the concept of preventive forensics among various strata of the society apart from the core government agencies such as law enforcement and other allied departments which again may be a pioneer event.

There is another field of Forensic Science where the importance of the subject in the justice delivery is being felt more is the Forensic Nursing. This area has been found to be more comprehensive with the effect of the solace and comforting rendered to the victims both with the psychological and physical care and attention.

There is another contemporary specialty which is more relevant in the society and also for the entire country. This is of course launched with the uphill task of dissemination of the knowledge of the Forensic Science in the Accounting. This ensures the skills for the purpose of investigation in cases of fraudulences. This is Forensic Accounting which is the complete solution to counter the enigma created in the country among the economic and financial front by various misdeeds.

## About The Director

**DR. MOHINDER SINGH DAHIYA**  
Director  
Institute of Forensic Science



Dr. Mohinder Singh Dahiya M.Sc., Ph.D. is currently the Director for the Institute of Forensic Science, Gujarat Forensic Sciences University since the establishment of the institute. He holds a Ph.D. in Forensic Science and has 30 years of experience in Forensic Science laboratory. He has held different positions in the Directorate of Forensic Science - Gujarat state and remained the Deputy Director of the laboratory for many years.

He has been imparting training to various cadres of Police Officers, Judicial Officers, Banking Officials and Forest Department officials, in areas related to Forensic Science, Narcotics, Explosives, Wildlife Crimes, Computer Forensics and Crime Scene Management. He has the following achievements:

- Gold Medalist in M.Sc. (Criminology & Forensic Science).
- Published more than 80 research papers in various scientific journals.
- Prepared and compiled the Toxicology Manual for BPR&D, under the Chairmanship of Director, FSL, Gujarat.
- Has been the Member of Chemistry and Explosives, Narcotics and Psychotropic Substances Manual Committee, prepared by BPR&D.
- Awarded with DFS Meritorious Award in Forensic Science - 2003 in recognition of Crime Scene Management and Forensic Science support to police officers at crime scene and laboratory analysis.
- Got NABL accreditation of various departments of DFS – Gandhinagar, as Quality Manager.
- Author of a book titled "Crime Scene Management"
- Appointed as the member of Hooch Tragedy Commission by Government of Gujarat, headed by Retd. Mr. Justice K. M. Mehta.
- Reported many cases of forensic importance in Gujarat and other States of India.

## From the Director's Desk



It is nice to give a message for every aspirant of the Scientific Investigator through the unique and modern academic centre of Forensic Science.

With the academic excellence getting more globalised, educational institutions and the knowledge resource centres have become the guiding factors for the channelization of the youth according to their interests and the aspirations. To provide the extraordinary sense of powers for the criminal investigation to be proved through Science, this institution imparts the perfect guidance for the excellent learning for the aspirants as the Scientific Investigators. Every youth who is always striving to be among the successful prospective investigator may realize their dreams by getting educated here. The opportunity is being felt world wide that the youth coming out with flying colors takes the instantaneous call on the global centres of excellence in this specialized arena. The concept of globalization could be perfectly appropriate to mention in this area as the orientation of the academia is more towards the contemporary research. The impetus is given to the more advanced technology so that the students would become pioneers in their respective super specialization. The opportunity for getting exposed to the real time criminal investigation is being offered to the students so that there could be better understanding among the students towards the incidence occurred around them. This gives a better exposure which could be done only with this institution by virtue of its novel and ultra modern technology based education and training. The academic program comprises the entire range of Science and Technology. It is a modest approach to mention that every aspect of the criminal investigation may be accomplished through the various disciplines of Science and Technology.

The purpose of research that is being carried out is always the need of the nation and the society. The research opportunities are also perfectly aimed at nurturing the researcher to be amongst the most wanted experts of the various super specialized areas of Forensic Sciences. I extend my hearty welcome to the young aspirants as the Scientific Investigators. It is better to feel the experience than just reading. Once again everyone is welcome to feel the excellence of Forensic Science with a personal visit. It is always wiser to grab the opportunity when it is offered.



## Facilities

### The Digital Forensic Laboratories

The Digital Forensic Laboratories have top of the line desktops, each allotted singly to every student during the tenure of their course, and non-stop high speed internet connectivity. The best forensic software used across the world, including EnCase and FTK, have been made available for training the students in the nuances of investigation. The new upcoming Intelligence lab is an artistically constructed lab of the future, boasting of network security and monitoring facilities, available at no other academic institute across the country. This lab is shortly being updated with two major software for the network security and monitoring facilities.

### The Forensic Biology and Biotechnology Laboratories

The Forensic Biology and Biotechnology Labs are considered the most dedicated to DNA Analysis and other biological evidences of forensic importance by experts. It features top the line instruments such as DNA Sequencing Unit, Real-time PCR, Gel Documentation System, ELISA Plate Reader, Gradient Thermalcycler, SDS - PAGE. Students in these labs, are encouraged to receive hands-on training on each technique, providing them invaluable and rare experience for the future. The high capacity Biology and Biotech Lab is equipped also with other world class minor equipments and microscopes, so as to provide each student the best exposure.

## The Toxicology and Chemistry Labs

The Toxicology and Chemistry Labs carry all top of the line equipment for the students to experiment with. They are also equipped with the latest material-testing instruments from across the globe. Trusted instruments like GC, FT-IR and UV-Visible Spectrophotometers are made available for hands on training to the students. Top-technology material testing instruments like HPLC, GC-MS and ICP-MS have recently been stationed for training of the candidates.

## The Forensic Physical Sciences Labs

The Forensic Physical Sciences Labs have the techniques of developing latent prints with the conventional methods and the advanced technology. In addition to the routine analysis the Stereo Microscope is available. The lab is also equipped with Video Spectral Comparator. In case of the physical parameters, Densitometer, Refractometer, Energy Dispersive X-ray Fluorescence Spectroscopy are also available. In case of voice analysis, the Voice Spectrograph is available.

## Ballistics Range

World class Ballistic Range has been set up to prove ourselves in the front line of the global Forensic Science facilities. The Ballistic Range renders the timely service for the entire country in the field of Forensic Ballistics. The specifications of the international standards have been followed in every aspect of the ballistics laboratory. There is an acoustic mechanism for the safety of the individuals. The evacuation mechanism is available for the elimination of the toxic emissions. The acoustic mechanism makes the individual working on the area may be safer with the hearing ability. The data collection centre is also provided with the ultra modern technology for the acquisition of the data related to the firearms and ammunitions. The indoor and outdoor maintenance are done with the relevant structural facilities. The noise mitigation is done with the aberration correction. The toxic gas mitigation is done with the proper exhaust mechanisms. The wider range of the structure in terms of the safety protocols are systematically followed with the international standards. The shock absorption mechanism is also available as a proof of the world class facility. The entire range proves to be at par with the international standards if not superior to all of them. The Intelligence Laboratory involves the collection of data and also ready-reckoner for the related data required for the further references.





## Programs Offered by Institute

Course	Duration	Eligibility Criteria
<b>M. Sc. in Forensic Science,</b> including Specialization in Forensic Biotechnology / Forensic Chemistry and Toxicology / Forensic Physical Sciences / Questioned Documents and Fingerprints / Forensic Information Technology	2 Years (4 Semesters) Full time	Bachelor's Degree in any discipline of Science / Medicine / Engineering / Pharmacy with minimum 55 % (50 % in case of SC/ST) marks or its equivalent in grades
<b>M. S. in Digital Forensics &amp; Information Assurance</b>	2 Years (4 Semesters) Full time	B.Sc. (Physics/Computer Sciences/IT) or B.E. (Computer/IT or B.Tech (Computer/IT) with minimum 55 % (50 % in case of SC/ST) marks or its equivalent in grades
<b>Master of Science - Homeland Security &amp; Anti-Terrorism</b>	2 years (4 semesters) Full Time	Bachelor's Degree in any discipline of Science / Medicine / Engineering / Pharmacy with minimum 55 % (50 % in case of SC/ST) marks or its equivalent in grades
<b>M.Tech in Cyber Security and Incident Response</b>	2 Years (4 Semesters) Full time	BE / B.Tech / BS in Computer Science / Electronics / Electrical / Communication

<b>Masters - Hospital Management</b>	2 Years (4 Semesters) Full time	Any graduate from a recognized university with minimum 55% aggregate
<b>P.G. Diploma in Fingerprint Science</b>	1 Year (2 Semesters) Full time	Bachelor's Degree in Science / Medicine / Engineering / Pharmacy with minimum 50% marks
<b>P.G. Diploma in Forensic Accounting</b>	1 Year (2 Semesters) Full time	Bachelor's Degree in any discipline with basic knowledge of Accountancy and competency in Computer Applications.
<b>P. G. Diploma in Forensic Document Examination</b>	1 Year (2 Semesters) Full time	Bachelor's Degree in Science / Medicine / Engineering / Pharmacy with minimum 50% marks
<b>P. G. Diploma in Forensic Management</b>	1 Year (2 Semesters) Full time	Bachelor's Degree in Science / Medicine / Engineering / Pharmacy with minimum 50% marks
<b>Post Basic Diploma in Forensic Nursing</b>	1 Year Full time	Bachelor's degree in Nursing with minimum 55% (50% in case of SC/ST) marks



# About the Programs and Specialization

## Digital Forensics and Information Assurance, Cyber Security and Incident Response

Pioneering masters level courses in the field of Digital Forensics and Cyber Security, especially designed to cater to the government's and industry's need for information security. These are one of its kind courses, conducted nowhere else, across the country. The courses constitute top-of-the-line industry-made curricula, state-of-the-art laboratories and hands-on training protocols for students on top software and forensic tools. These courses are especially meant to provide top-trained intellects to the best information-security corporate and all the government laboratories.

## Forensic Biotechnology

In recent years Forensic Biotechnology emerged as one of the most important branch of Forensic Science. Latest development in DNA Fingerprinting and Profiling has revolutionized the Forensic Science to achieve speedy and accurate investigation process. Different biotechnological techniques has given a new dimension in elucidating the forensic related cases with greater variability and sensitivity. Students with specialization in Forensic Biotechnology are the preferred choice as a Forensic Scientist in different government and private organization or can pursue higher education leading to PhD in many specialized area.

## Forensic Chemistry and Forensic Toxicology

Forensic Chemistry and Forensic Toxicology deals with medico legal cases involving Explosives, Fire, Narcotic Drugs & Psychotropic Substances and many more Poisons. This is core area of Forensic Investigation, as majority of cases are reported due to the use/ effect/ exposure of chemical substances. The examination of such evidences is based on skilled chemical and instrumental analysis. For this purpose we are well equipped with highly sophisticated laboratory facilities through which our budding Forensic Chemist and Toxicologist learn every basic and advance steps of investigation. Extensive research is going on, which involves the study of various aspects and mechanism of chemicals/poisons on biological and environmental systems.

## Forensic Physics

A number of areas of Physics are of key importance to Forensic Analysis starting from traditional aspects of examination and identification of glass, soil, paint, tyre marks, tool marks to very technology intensive fields like Ballistics, the collisions of vehicles, the Physics of explosions, Crime Scene Photography and Videography, Bloodstain Patterns Analysis, Audio video tape authentication and three dimensional Crime Scene Scanning and Reconstruction.

## **Questioned Documents**

An abundance of crucial information can be gleaned from documents related to a criminal or civil case. The discipline of Forensic Document Examination is frequently associated with white-collar crimes related to handwriting & signature fraud, forgery in cheques, wills or any legal deeds, currency, passport, visa, credit or debit card. Armed with sophisticated technology, Forensic Document Examiners can peer into the visible and invisible marks on a document to extract an abundance of details that may verify authenticity or provide additional information crucial to the investigation.

## **Fingerprint Examination**

The use of fingerprints in the identification of criminals is the most frequently applied technique in Forensic Science. The science of fingerprint identification is based on the uniqueness and permanence of friction ridge structures. Therefore, the ability of the expert is to classify and identify fingerprint patterns and make most of it to identify the individual accurately. The fingerprint evidence is usually very sound and is one of the most reliable techniques used for personal identification.

## **Forensic Nursing**

One of the most novel faculties of Forensic Sciences is that of Forensic Nursing. This has been established for the purpose of enabling the humanity when they are in need mainly in the hours of crisis. It is more of the social and legal responsibility of the expert for ensuring the physical harmony and the fundamental rights of individuals who are the victims of painful eventualities. The expertise involves the skills imparted to the Professional Nurses with the solace and alleviation of distress among the victims of sexual abuses. The expert nurses would be able to ensure physical and mental health of the victims of child abuse, elder abuse, domestic violence and violence against women. The trained nursing professionals may be able to help the victims by supplementing in the legal and fundamental rights those are due to them. They are able to assist in the medico legal investigations, management of mass disasters in victim identification and in all other legal aspects concerned with these. Ultimately they may render their services to the humanity when they are in deep distress. They are able to provide the clinical, psychological and legal assistance to the victims of unforeseen circumstances.

## **Forensic Accounting**

This is one of the most important entities in Forensic Sciences. This has been found to be more useful and necessary for the contemporary society of India. It would be more appropriate to get exclusive expertise in the specific field that is required for the purpose of justice delivery system. The Modern society has been witnessing massive financial irregularities among various strata. The system of renewed strategies and advanced technical methods would render better efficiency for the easy resolution of the cases related to the financial fraudulences. This expertise involves the capability of the experts for the unraveling the facts in every aspect of accounting and money matters. The overall solution for the different varieties of the criminal activity, the composite solution may be rendered through this subject. This imparts education of the physical and electronic fraudulences relating to the financial sectors. There is an evolution of the criminal activity in the form of less bloodshed and more financial benefits with the minute technical misdeeds. This is Forensic Accounting which is the complete solution to counter the enigma created in the country among the economic and financial front.

## Hospital Management

Every step of activity needs an exclusive planning for yielding better results. To maintain the success story rolling forward, there needs an effective mechanism in terms of human resources or a man power, financial viability, potential resources in the market and the skills in marketing. In case of health sector, the effective management of the above mentioned concepts will definitely lead to success. Hospital being one of the most important service sectors needs a planned and fool proof mechanism for getting the individual consumer delighted. The curriculum of Hospital Management has been designed in such a way that there is an overall satisfaction and consumer delights are dispensed in the form of the capsules. This would definitely lead to the success of the hospital in satisfying the needs of the patient both physically and morally. In this way the hospital works with the systematic management approach by keeping the individuals health at top most priority, after all "Health is Wealth".

## Homeland Security

In the modern society, there is a rampant criminal activity that is showing the exponential growth in the form of terrorism and militancy or insurgency. A more effective mechanism is being rendered through the module in the form of Homeland Security and Anti terrorism. There is another composite solution available for the crimes committed with the perfect preplanning or organized crimes .There are certain specialized techniques with salient features which are being imparted in this curriculum. Comprehensive solutions are available for the effective tackling of such incidence in which there is more loss of life and loss of property such as the manmade disasters and natural disasters. Effective handling of all such situations through a proper planning with economic and financial viabilities is one of the features available in this module. "A stitch in time saves nine" which is more relevant for this country in this current scenario. Enduring freedom, protecting sovereignty and peaceful mutual coexistence are suitable concepts of this module.

## Research and Development

The IFS is actively exhibiting its excellence in different research areas of Forensic Science that include Crime Scene Management, Digital Forensic, Biotechnology, Questioned Documents, Toxicology and Wild Life Forensic. More than 10 Ph.D. students are working on various basic and applied aspects of Forensic Science. Institute is committed to grow its research strengths over the coming years.



# Faculty Profile

## **Dr. M. S. Dahiya**

**M.Sc., Ph.D.**

**Director**

Dr. Mohinder Singh Dahiya (M.Sc., Ph.D.) is currently the Director for the Institute of Forensic Science, Gujarat Forensic Sciences University since the establishment of the institute. He holds a Ph.D. in Forensic Science and has 30 years of experience in Forensic Science Laboratory. He has held different positions in the Directorate of Forensic Science - Gujarat state and remained the Deputy Director of the laboratory for many years.



## **Dr. G. Rajesh Babu**

**M.Sc., Ph.D.**

**Assistant Professor**

Dr. G. Rajesh Babu has been in the academics of Forensic Sciences for the past 18 years. He has published many research papers in the fields of Fingerprints, Forensic Anthropology, Forensic Medicine, Crime Scene Reconstruction and Forensic Nanotechnology. He has been working on the application of super specialties of Forensic Sciences such as Ridgeology in Fingerprints, Forensic Nanotechnology, Forensic Metallurgy, Forensic Structural Engineering and Forensic Ballistics.



## **Dr. Rakhi Agarwal**

**M.Sc., Ph.D., P.G. Diploma -Nanobiotechnology**

**Assistant Professor**

Dr. Rakhi Agarwal holds a M.Sc. Degree from the Agra University in Forensic Science, and Ph.D. Degree in Toxicology jointly from the CSIR-Indian Institute of Toxicology Research, Lucknow and Jamia Hamdard, New Delhi. Presently, she is engaged with the studies on assessment of toxicity of various environmental toxicants using zebra fish as animal model. She has published 10 research papers in peer reviewed international journals along with she has a patent to her credit.



## **Dr. Satish Kumar**

**M.Sc., Ph.D.**

**Assistant Professor**

Dr. Satish Kumar is a doctorate from Indian Institute of Technology, Guwahati, India where he elucidated the misfolding and aggregation of hen egg white lysozyme at alkaline condition. He did his post-doctoral research at Max Planck Unit for Structure and Molecular Biology, Hamburg and German Center for Neurodegenerative Diseases, Bonn, German. He has published many papers in international journals with high repute. After joining Institute of Forensic Science in September 2013, his research is focused in the field of Forensic Proteomics.



### **Dr. Mohit Soni**

**M.Sc., M.Tech., PhD**  
**Assistant Professor**

Dr. Mohit V. Soni has done his PhD under the Directorate of Forensic Science Fellowship conducted at IIT Kanpur from UPTU, Lucknow. He has completed M.Tech (modular) in Computer Science from IIT Kanpur. His prominent research areas include Biometrics; Digital Image Processing; Vein-pattern based Recognition; Biometric System Design; Computer Forensics and Algorithm and Tool Development for Forensic Investigations.



### **Dr. Bhargav C. Patel**

**M.Sc., PhD**  
**Assistant Professor**

Dr. Bhargav C. Patel has conducted his doctoral research on microbial leaching of base metals using extremophiles at Department of Microbiology, Gujarat University leading to number of research papers in renowned journals and a patent for the process of dual phase bioleaching. During his research tenure, he also won number of awards for paper presentations at various national and international conferences. After joining Institute of Forensic Science in 2013, his research is focused on DNA profiling, microbial forensic and bioinformatics.



### **Dr. Astha Pandey**

**M.Sc., Ph.D.**  
**Assistant Professor (Jr.)**

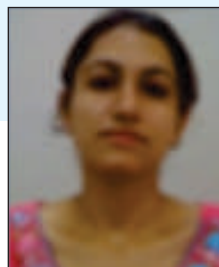
Dr. Astha Pandey has been associated with Institute of Forensic Sciences, Gujarat Forensic Science University as an Assistant Professor since 2009. Previously she has worked for eight years in Institute of Forensic Sciences, Osmania University as an Assistant Professor. She has thirteen years of professional experience as an academia and as a researcher. She has 7 research publications in Indian and International Journals of repute.



### **Ms. Pooja Ahuja**

**M.Sc., Ph.D. (pursuing)**  
**Assistant Professor (Jr.)**

Ms. Pooja Ahuja joined IFS on 20.08.2009. She holds Master's Degree in Forensic Science from Gujarat University and qualified UGC-NET in Forensic Science in December 2008. She has also worked as Scientific Assistant, in the Physics Division, DFS, Gandhinagar from September 2008 to June 2009 and Visiting Faculty, Gujarat University from June 2008 to June 2009.



### **Mr. Nilay Mistry**

**M.Tech.,  
Assistant Professor (Jr.)**

Mr. Nilay Mistry has completed B.E. Computer Engineering from Gujarat University. He obtained his M.Tech. Computer Science and Engineering from Nirma University. He is actively involved in various research projects in Cyber Forensics at Directorate of Forensics Science, Cyber Crime Division, Gandhinagar. He contributed to the Gujarat Portal ID project initiated by Govt. of Gujarat at BISAG, Gandhinagar. Taking seminars on Cyber-crime and Investigations for BPR&D at DFS, Gandhinagar. He conducts Cyber Investigation sessions at Karai Police Academy, State Government, Gujarat.



### **Ms. Surbhi Mathur**

**M.Sc., Ph.D. (pursuing)  
Assistant Professor (Jr.)**

Ms. Surbhi Mathur is a UGC JRF currently pursuing her Doctoral studies in Forensic Speaker Recognition from GFSU, Gandhinagar. She joined the university as Assistant Professor Jr. (Forensic Science) in February 2012, specialized in the field of Forensic Physics, Questioned Documents, Ballistics, Forensic Photography and Videography. She is currently having 4 publications in both National and International Journals.



### **Ms. Gopi Upadhyay**

**M.B.A (Marketing), P.G.D.B.M. (Advertising and HR)  
Faculty Member**

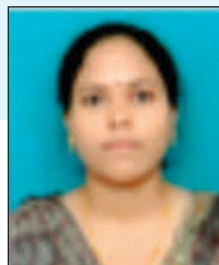
Ms. Gopi Upadhyay is working as a Lecturer in GFSU for the Course of Master of Science in Homeland Security and Anti-Terrorism and Masters in Hospital Management. With this, she has almost 6 yrs. of vast experience in different fields like media, insurance, teaching etc. She holds dual qualification i.e. MBA+PGDBM in subjects like - Marketing, Advertising and Human Resource from IMM, New Delhi. She also earned LLB Degree from Gujarat University.



### **Ms. Vandana Poturaju**

**M.B.A., M.Com  
Faculty Member**

Ms. Vandana N. Poturaju has done MBA specialization in Finance and also holds M.Com degree from Gujarat University. She is working as a Lecturer in the course of Master of Science in Homeland Security and Anti-Terrorism and Masters in Hospital Management. She has experience in Banking and Financial sector. She has interest in research areas of Derivatives and Futures Market and Stock Market.



### **Ms. Manali Solanki**

**M.Sc. (Nursing)  
Faculty Member**

Ms. Manali is a Course Coordinator of Post Basic Diploma in Forensic Nursing. Her Dissertation was "A Study to Assess the Effectiveness of a Planned Teaching Programme On Prevention of Breast Cancer in Terms of Knowledge and Attitude of Women Living in the Urban Community of Ahmedabad" during her Master's degree.



## Events and Achievements

The Institute of Forensic Science is one of the University's most successful institutes and is internationally recognized as a leading centre for teaching and research.

### **Trainings imparted:**

IFS is actively involved in training for various Government and private organizations. Till date the institute has conducted more than 80 training programs for organizations like National Investigation Agency, World Wildlife Federation, Gujarat State Judicial Academy, Police and others.

### **MoU:**

The Institute has signed MoUs with several prestigious institutions of India and overseas listed below.

- Asian School of Cyber Law Pune, India
- StraEd Inc. MA, USA
- School of Security and Behavioral Intelligence Institute, Ahmedabad, India
- Lexcode Regulatory Compliance Technologies Pvt. Ltd Pune, India
- Safran India Pvt. Ltd. New Delhi, India
- Helik Advisory Ltd., Bombay
- Govt. Dental College and Hospital, Ahmedabad
- eSF LABS LIMITED (under process)

## Awards and Medals

The Institute of Forensic Science has introduced a scheme of Awards for its meritorious students, namely:

1. Gujarat Forensic Sciences University Gold Medal for the most meritorious student of M.Sc. - Forensic Science course.
2. Laxmi Memorial Award – awarding Gold Medal to the most meritorious female student of M. Sc. - Forensic Science Course. (The financial aid towards this award, has been donated by Dr. M. S. Rao, Ex - Director cum Chief Forensic Scientist – Directorate of Forensic Science Services – MHA – GOI - New Delhi, in memory of his wife; Late Mrs. Laxmi Rao).
3. Shri A. s. Krishnamurthi Memorial Gold Medal for most meritorious student of M. S. Digital Forensics & Information Assurance.
4. ISS Gold Medal Award for M.Sc. Forensics Sciences toppers students.

# Placements

Our aim is to provide the best environment for teaching, learning and research. The outcome of this is reflected in the success of our graduates.

## Planning for your future

IFS graduates have excellent opportunities for the prospective careers. Our students are highly and actively sought-after by a wide range of employers who value the strong academic training and transferable skills that students have gained during the academic program.

## The best start to your career

Many of the leading institutions and high profile organisations in the private sector offer placements for the students based on their academic and overall merits. See our web pages for the latest placements: [www.gfsu.edu.in/IFS/careers](http://www.gfsu.edu.in/IFS/careers)

## A wealth of opportunity

Our degree courses offer sound preparation for a wide range of careers. Many graduates take on roles in IT industries, private security firms, banking services, insurance agencies and teaching, while others take up careers with research orientation in industrial and government organizations and universities in India and overseas. A number of our degrees also offer the opportunity to pursue careers in more specialized areas.

List of some major recruiters of the institute

- Tata Consultancy Services
- e-Securities
- Directorate of Forensic Science, Gujarat
- Central Universities of India
- HDFC Bank
- ICICI Bank
- Hi-Tech
- Cadila Pharmaceuticals







---

## **Institute of Forensic Science**

### **Gujarat Forensic Sciences University**

Sector – 18/A, Near Police Bhavan

Gandhinagar – 382007, Gujarat State, India

Ph: +91 - (0) 79 - 65735517/65735519 / 65735520

Fax: +91 - (0) 79 232 47465/ 232 56251

Email: [dir\\_fs@gfsu.edu.in](mailto:dir_fs@gfsu.edu.in)