Detailed Project Report (DPR)

For establishment of New Institution

"Narnarayan Shastri Institute of Technology
(Institute of Forensic Sciences and Cyber Security"

Managed By:

Shree Swaminarayan Vividh Sewaniketan Trust
**Shree Swaminarayan Gurukul Campus,
Jetalpur, Ta. Dascroi,
Ahmedabad-382427, Gujarat, India**

Detailed Project Report (DPR)for establishment of

Narnarayan Shastri Institute of Technology-
(Institute of Forensic Sciences and Cyber Security), Jetalpur

Introduction of the Trust:

Shree Swaminarayan Vividh Sewaniketan Trust is a public charitable trust and a society. It has been in existence for over 55 years. The Trust was formed in 1977 and it commenced its activities by taking over the School established in1980 in the wake of the national movement. The foundation of Gurukul in 1978 has been laid by **Pujya Shastri Swami Narnarayan Dasji** to shape the lives of children and flourish cultural and nation spirit in them. The responsibility of this building standing on the wall of dedication has been embarked upon by **Shastri Swami Atmaprakasdasji** and **Shastri Swami Purushottamprakash Dasji**. At a small age, Swamiji has progressively stepped towards further development and fulfilled the dream of Guruji by establishing a Primary health centre and rendering it to the district panchayat as honorary. Then after with the co-operation of devotees, hostel has been built. A Gaushala has also been constituted. Shastri Narayan School providing education at nominal fee basically for rural and middle-class mass has also been operated accompanied by PTC and B.Ed. organizations. Narnarayan Shastri Institute of Technology, Jetalpur, Ahmedabad is managed by **"Swaminarayan Vividh Seva Niketan Trust"**. The trust has its own foundation in serving the society with high moral values without any expectation.

Narnarayan Shastri Institute Technology, Jetalpur, Ahmedabad is a premier institution of excellence in Technical Education that develops professionals of high calibre imbued with values of entrepreneurship, ethics, and social responsibility. The institute is **established in 2008** with an aim to be Leading Lights in Gujarat and to create national and Global Technical Men-power. The institute is blessed by **Acharya Shree Koshalendraprasadji Maharaj** and **Acharya Shree Tejendraprasadji Maharaj** and is connected with one of the divine **Shree Swaminarayan Temple - Kalupur, Ahmedabad**. It is functioning under "Swaminarayan Vividh Seva Niketan Trust - Jetalpur". It admits students from all over the Gujarat as well as other states of India to the Bachelor of Engineering and imparts training to make them competent, motivated Engineers, Leaders, Thinkers and Scientists. The academic program of NSIT is approved by the All India Council of Technical Education (AICTE) and is affiliated to Gujarat Technological University (GTU).

With its establishments in 2008, the institute comprised of Mechanical Engineering Electrical Engineering, Electronics and Communication Engineering and Computer Science Engineering.

Thereafter the institute has been expanded with inclusion of two new departments in the fields of Civil Engineering and Automobile Engineering.

The Management has decided to expand the institute horizontally and vertically in coming years by following the word of Lord Swaminarayan. Moreover, Institute will introduce Master Degree Programs like MBA, MCA and M.E. Our aim is to lead the institute towards University.

Back ground of the Consultants: No consultant has been engaged for the documentation pertaining to establishment of **Narnarayan Shastri Institute of Technology -Institute of Forensic Sciences and Cyber Security**, Jetalpur.

Forensic Sciences Scenario in India:

The first Central Fingerprint Bureau of India was established in Kolkata in India in the year 1897 which became functional in 1904. Ever since then, the usage of Forensic science in crime investigation has routinely started in India and since then the efforts are being made for Capacity building of Forensics in India. Several State and Central Forensic Science Laboratories were established in India; the Fingerprint Bureau have also been established in various states. Crime laboratories and toxicological laboratories were also established under the police and health departments respectively. At present, there are 29 Fingerprint Bureau and about 37 State and Seven Central Forensic Science Laboratories in India. Not only this, in several states, Regional Forensic Science Laboratories and District Mobile Forensic units have also been established. An advanced Centre for DNA Fingerprinting and Diagnostics (CDFD) has been established in Hyderabad under the Department of Biotechnology, Ministry of Science and Technology, Government of India. The Center for Cellular and Molecular Biology (CCMB) Hyderabad, CFSL Hyderabad, and CFSL Kolkata have been the pioneering institutions to start the facilities of DNA Profiling in criminal cases in India after the technology was introduced in London in 1985 by Professor Alec Jeffreys. The DNA Profiling in criminal cases such as homicide, suicide, sexual assaults, terrorists' activities, wildlife forensics, and other crime cases is now continuing in various Police departments, Forensic institutions, Wildlife departments for Human and Animal identification from the biological fluids and the tissue materials. Wildlife Institute of India (WLI), Dehradun introduced DNA analysis for the conservation of wildlife species including the Tiger Project. The private sectors at several places in the country have been working for the last more than 15 years and analyzing forensic samples as well as providing opportunities for working in the field of forensic science. However, there are about 4500 forensic personnel working in Fingerprint Bureau, Forensic Science Laboratories (FSLs),

and Chemical Examiners Laboratories in India. As per the population estimates, the current population in India, as of 1 March 2011 stood at 1,210,193,422 (623.7 million males and 586.4 million females). However, United Nation's Population Division estimated India's population in 2020 about 1,380,004,385. As per calculations, there are only 0.33 forensic scientists per 0.1 million population in India as far as the work of examination of crime cases and reports preparation is concerned. However, in the countries abroad, forensic scientists' population ratio exists from 20 to 50 scientists per 0.1 million population depending upon the workload of crime cases in different countries.

The Promoting Body

Shree Swaminarayan Vividh Sewaniketan Trust is a registered trust under the Societies' Registration Act, 1860 and the Bombay Public Trust Act, 1950 (E-2954, Ahmedabad) having its office at Shree Swaminarayan Gurukul Campus, Jetalpur, Ta. Dascroi, Ahmedabad-382427, Gujarat, India.

Introduction to its Genesis including its Registration Status Registration numbers of the Shree Swaminarayan Vividh Seva Niketan Trust are

i. The Bombay Public Trusts Act, 1950 (Bombay XXIX of 1950) E-2954, Ahmedabad. The sole objective of the Trust is to promote education. The Trust is a charitable not-for-profit organization. Today SVKM is a household name in the field of education that symbolizes quality education. Over the years the trust has been providing many educational programs through its various institutions. There are educational institutions operated by the trust, comprising of schools and colleges – covering studies in Arts, Science, Engineering Technology, etc. The affairs of the trust are governed by an elected Managing Committee.

Fact File of SSVS Trust

1.	Name of the Trust	:	Shree Swaminarayan Vividh Sewaniketan Trust
2.	Address	:	Shree Swaminarayan Gurukul Campus, Jetalpur, Ta. Dascroi, Ahmedabad-382427, Gujarat, India.
3.	Certificate of Registration as a Trust	:	E-2954, Ahmedabad (Bombay Public Trust Act1950
4.	Constitution	:	A Registered Public Charitable Trust
6.	Telephone Number	:	+91-9825015838
7.	Fax Number	:	+91-27-18233 0 0 1
8.	Website	:	www.nsit.org.in
9.	Activity of the Trust	:	Education and Not for profit activities

Details of its Promoters including their Background

The Managing Committee consists of prominent religious devotee-sadhu mainly from Swaminarayan Sect Kalupur Narnarayan dev Gai. It is a mix of industrialists, businessmen and professionals from various fields like accounting, education etc. Prominent citizens are also members of the committee.

No.	Name	Designation
1.	Shastri Atmaprakasdasji Swami	: Chairman
2.	Shastri PurshottamPrakasdasji Swami	: Managing Trustee
3.	Shri Mohanbhai Dhanjibhai Patel	: Member
4.	Shri Chimanlal Parshootamdas Patel	: Hon. Secretary
5.	Shri Jivanlal Lakshmandas Chaudharay	: Hon. Treasurer

Managing Committee:

1	Shastri Atmaprakasdas- Chairman
2	Shastri Purshottam Prakasdas- Managing Trustee
3	Shri Dharmesh Vandra- Vice President
4	Shri Babulal K. Patel- BoG Member Secretary
5	Shri Kishorbhai Makwana- BoG Member
6	Dr. Nikunj Brahmbhatt - Principal
7	Shri Sanjay Sharma- Campus Director

Executive Committee:

1	Shastri Atmaprakasdas- Chairman
2	Shastri PurshottamPrakasdas- Managing Trustee
3	Shri Dharmesh Vandra
4	Shri Babulal K. Patel- BoG Member Secretary
5	Shri Chimanlal Parshootamdas Patel
6	Shri Kishorbhai Makwana- BoG Member

Activities of the Promoting Body including a listing of major educational promotion activities under taken by it in the past:

The Trust governs more than 10 institutions which are spread across Gujarat. The total number of students across the group of institutions is about 10,000.

Specialized Programs/college/schools:

- Narnarayan Shastri Institute of Technology
- Narnarayan Shastri Nursing college
- Swaminarayan B. Ed college
- Swaminarayan Sanskrit Pathsala
- Swaminarayan Primary School

Mission of Promoting Body:

The mission of the NSIT-(IFSCS)- Jetalpur-Ahmedabad is to advance the fields of forensic science and cyber security through research, education, and the application of best practices. The institute aims to contribute to the development of innovative techniques, methodologies, and technologies in these domains, while also promoting ethical standards, collaboration, and the dissemination of knowledge.

In addition to that Institute aims to be a Centre of Excellence promoting value Based Quality Education in the emerging areas of various Forensic Sciences, Cyber Security and Forensic Accounting.

The vision of the NSIT, Jetalpur Ahmedabad (Institute of Forensic Science and Cyber Security) is to be a leading institution in the advancement of forensic science and cyber security globally. The institute strives to make significant contributions to the understanding, prevention, detection, and investigation of crimes, as well as the protection of critical information systems and infrastructure. It seeks to be recognized as a trusted authority in these fields, fostering interdisciplinary collaboration, and providing educational programs that prepare professionals to address the evolving challenges of the digital age.

Vision of the Promoting Body:

- The vision of the NSIT-(IFSCS)- Jetalpur is to be a leading institution in the advancement of Forensic Sciences, Cyber Security and Forensic Accounting globally.

- The institute strives to make significant contributions to the understanding, prevention, detection, and investigation of crimes, as well as the protection of critical information systems and infrastructure.
- It seeks to be recognized as a trusted authority in these fields, fostering interdisciplinary collaboration, and providing educational programs that prepare professionals to address the evolving challenges of the digital age.
- To build across the institute a culture of excellence in crime investigating, Fraud Investigation and Forensic Accounting from all support activities.
- To enhance the Institute standing as the Forensic Institute of choice for students across Gujarat.

Objectives and Scope of the Proposed Institution

- To examine and analyze evidence from crime scenes.
- To assist in the investigation and prosecution of perpetrators of crime or absolve an innocent person from suspicion.
- To provide industry ready and socially sensitive holistic Forensic Science, Cyber Security and Forensic Accounting -graduates with excellence who will be able to add value to themselves, their family, their place or work as well as to the country under all conditions, recession of prosperity with equal ease.
- The Institute will be known globally as a center of research and development in the field of Forensic Science, Cyber Security and Forensic Accounting.

History of Forensic Science:

- Questioned document analysis was first recorded
- Tests developed for the forensic analysis of the presence of blood
- A bullet comparison used for the first time to convict a murderer
- Toxicology (arsenic detection) used in a jury trial
- Hemin crystals used for the development of the first crystal test for hemoglobin
- A plausible test for blood was first developed
- Photography used for the first time for the identification of criminals and documentation of evidence and crime scenes
- Use of fingerprint analysis to solve a crime was first recorded
- Development of the first microscope with a comparison bridge

General Education Scenario of the State:

- Central University   : 04
- State public Universities   : 30
- State Private Universities   : 65
- Deemed Universities (Government)   : 01
- Deemed Universities (Private)   : 01
- Colleges per lac population   : 31

Hon'ble Prime Minister of India Shri Narendra Modi as then Hon'ble Chief Minister of Gujarat in 2008 established GFSU (Gujarat Forensic Sciences University) an institution of higher learning of International standard and to meet the huge shortfall of experts in the different fields of forensic science across the world on 11th February, 2009 at Gandhinagar, Gujarat. On 1st October 2020, the Government of India elevated the university into a National University and established NFSU through National Forensic Science University Act the world's first and only Forensic Science University (NFSU) and simultaneously, NFSU has also been accorded the status of an institution of national importance (INI).

 As per the data of May 2020, there are 64 independent post-graduate institutes of medical education and research in India and 554 medical colleges as recognized by the National Medical Commission. These are the main institutes of legal medicine having the departments of Forensic Medicine in India. In addition to this, there are district level hospitals and subordinate health centers which conduct autopsies and medicolegal work. For the work of DNA matching for organ transplants and the dead body, identification facilities need to be created in these medical institutions as well where these do not exist at present; the same is true for forensic anthropological casework especially dealing with the skeletal remains in these institutions. It may be mentioned that some of the anatomy departments and forensic medicine departments have created facilities for such examinations in these institutions but the same is lacking in newly established institutions. The anthropological work pertaining to skeletal analysis and examination i.e. the estimation of the biological profile of the individual and facial superimposition and reconstruction is also carried out in the biological sciences divisions of Central and State Forensic Science Laboratories in India. However, the anthropology departments in some of the Indian universities carry out the research work

pertaining to the same after taking up research projects and in collaborations with national and international institutes.

Moreover, the cases pertaining to the Information Technology Act and Cyber-crime are increasing every year. Thus, India needs more scientifically trained investigators and judges, and equipment for the investigation and adjudication of these cases. The delay and pendency would remain inevitable without the capacity building of Forensics in India.

India has been experiencing major natural disasters such as flash floods, tsunamis, earthquakes, cyclone etc. where hundreds and thousands of people die every year. Difficulty arises when highly decomposed dead bodies and skeletal remains are recovered from the mass disaster sites which pose a serious challenge for the identification of the deceased. Government of India has formed a National Disaster Response Force (NDRF) under the Ministry of Home Affairs, which is a special task force for rescue and relief operations at the mass disaster sites. Various NDRF teams work in the rescue operations and save the life of many people after these unforeseen disasters. However, a large number of people remain missing and sometimes only the skeletal remains and the decomposed remains of the dead are recovered. In these circumstances, there is a need for the disaster victim identification (DVI) teams consisting of forensic anthropologists, odontologists and forensic medicine specialists. Therefore, NDRF should form separate teams consisting of these experts for DVI.

Status at Entry Level

- Students after HSC with minimum marks as per the norms stipulated by NFSU.
- Students after completing their Graduation in Forensic Sciences, Cyber Security etc as per NFSU Norms.

Status of Forensic Level manpower in India

The Government is focused on strengthening the capacities for investigation and prosecution, including the eco-system for forensic sciences in the country. The process of strengthening of forensic facilities in the country is an ongoing and continuous process which is dependent on gap-analysis and demand assessment. 'Police' and 'Public Order' are State subjects under the Seventh Schedule to the Constitution of India. The responsibilities to maintain law and order, protection of life and property of the citizens including investigation, prosecution of crime and criminals, and related forensic science facilities, are with the State/Union Territory concerned. As per the Data on Police Organization report, 2022 published by the Bureau of Police Research & Development, there are 32 State Forensic Science Laboratories (State FSLs), 106 Regional Forensic Science Laboratories, and 552 Mobile Forensic Science Vehicles with States/ Union Territories. Apart from these, there are 7

Central Forensic Science Laboratories in the country which, inter-alia, supplement the task of forensic analysis of crime exhibits referred to them by States/ Central agencies, and also undertake Research and Development activities in forensics.

The National Forensic Sciences University (NFSU) has been set up under the Act of the Parliament in the year 2020 for providing quality and trained forensic manpower across all parts of the country. The headquarter of the NFSU is located in Gandhinagar, Gujarat. Apart from this, campuses of the NFSU are situated at Delhi, Goa, Agartala (Tripura), Bhopal (Madhya Pradesh), Dharwad (Karnataka), and Guwahati (Assam). The NFSU has also started training academies in Imphal (Manipur) and Pune (Maharashtra).

Industrial Scenario of the State

There are approximately 2 Central University and 10+ colleges across Gujarat offering Forensic Science and Cyber Security courses in different modes - full time, distance/correspondence, part-time classroom, online and virtual classroom. Among these, public / government: 5 and private: 4 colleges and 1 NFSU affiliated private institute.

Scope of the College vis-à-vis the Industrial Scenario and Educational Facilities

already available in the State.

The scope of forensic science is broad enough to cover almost every field possible. Candidates who pursue forensics can choose their desired field to work from the range of options available. It's not the time anymore that the role of forensics is restricted to the laboratories only. Also, Employment of cyber security or information security analysts is projected to grow 31% from 2019 to 2029, much faster than the average for all occupations. Demand for cyber security analysts is expected to be very high, as these analysts will be needed to create innovative solutions to prevent hackers from stealing critical information or causing problems for computer networks.

Academic Programs:

Narnarayan Shastri Institute of Technology -Institute of Forensic Sciences and Cyber Security, Jetalpur will offers UG degree in Forensic Sciences and BBA-MBA-(Forensic Accounting and Fraud Investigation) and PG Degree in Forensic Sciences, Cyber Security and Digital Forensic with a total intake of 270 students.

96.1.1 Basic Academic Philosophy of the Institution

The philosophical basis of the Forensic Institute is to process consists of a meshwork of

ideas. It originates from and is influenced by a range of different disciplines, models of inquiry, and forms of validating truth claims, which have been decisive in bringing the discipline about.

Types of Programs

UG-PG (5 years Integrated) and PG (2 Years)

Identified Programs

B.Sc.- M.Sc. Forensic Sciences (5 Years Integrated)

BBA-MBA (Forensic Accounting and Fraud Investigation) (5 Years Integrated)

M.Sc. Forensic Sciences

M.Sc. Cyber Security

M.Sc. Digital Forensic and Information System

Phase-wise Intake of Programs

Course	Intake for the Academic Year*				
Degree	2023-24	2024-25	2025-26	2026-27	2027-28
B.Sc.- M.Sc. Forensic Sciences	60	60	60	60	60
M.Sc. Forensic Sciences	50	50	50	50	50
M.Sc. Cyber Security	50	50	50	50	50
M.Sc. Digital Forensic and Information System	50	50	50	50	50
BBA-MBA (Forensic Accounting and Fraud Investigation)	-	60	60	60	60
Total Intake	210	270	270	270	270

*Proposed Intake
Target Date for Start of Academic Programs.

Institute follows Academic Calendar of NFSU. The tentative date to start Academic Program is 1ˢᵗ week of August.

Central Computing facility

The institute has a computer center with 60 PCs,1 Computer labs with 60 PCs and 2 Computer Labs with 30 PCs each along with 300 Mbps (1:1) internet connectivity. The center has a server room. It is also consisting of printing & scanning facilities. All required legal system & application software are available.

Central library

Library is the place where ideas generate and vision broadens. The institute initiates students to use library as they should spend quality time in the company of books and recent Forensic Sciences, Cyber Security and Forensic Accounting Journals.

The institute's central library covers a ground area of more than 200sqm. The interior of the library is well furnished with ergonomically designed seating arrangements. The library has separate reading zone, stacking area issuing area. The library is self-sufficient to a large extent. Reprography facility is also made available to the students and faculty members. The library will remain open for the entire duration of the college timings and provision is also made for excess hours to access during University Examinations. The Library is self-sufficient with all the academic requirements and has a sound collection of National/International Journals and Books. Educational CDs etc. Existing facility is satisfactory for the existing courses and proposed applied additional new course.

Central Workshop

Not applicable.

Affiliating Body

National Forensic Sciences University, Gandhinagar (Gujarat)

Scholarships

• Financial assistance is made available to the student from backward class community (SC, ST, SBC, NT-VJ, OBC) and economical backward classes and fee reimbursement is made as per the rule of State/Central Government.

Salient Features of Academic Divisions:

The phase-wise details of the Academic Programs/ Divisions that are proposed by this Institution in accordance with its Academic Philosophy including the Objectives, Areas of Focus, Detailed Analysis of Requirements of Faculty, Building Space, Equipment, etc. for each Academic Division are-

Classification of Academic Departments

Departments:

- Forensic Science
- Forensic Chemistry
- Forensic Physics
- Digital Forensic
- Cyber Forensic
- Forensic Accounting

96.1.2 Details of each Academic Department/Centre, such as:

Academic Objectives:

- The main objective of the institution is to enhance the quality of Forensic Education by collaborating with Defense sector, Law and order Department, Security Department, Security Agencies, DFSL and CFSL within the country and abroad.
- To modify the institute culture in ways that will allow academia to better support industrial partnerships and support industry's role in Forensic Science education and research.
- To aim industry/academic partnerships with financial support.
- To exchange skill and knowledge in Forensic through collaboration with industry involving the faculty.
- To involve faculty and students to participate in strategic planning with industrial partners.
- To develop training center based on requirement of Defense sector, Law and order Department, Security Department.

Areas of Focus:

- Developing Forensic, Cyber and Forensic Accounting related educational and skills of the students.
- Establishment of Training Centers to train the Law and order Department, Security Department, Banking Sector, Security Agencies etc. giving input for real time case solution which will support the Justice system too.
- Sustainable development and economic growth through the students.

Academic Programs:

- Regular academics with standard teaching pedagogy
- Industrial/DFSL/CFSL visits for practical learning.
- Workshops and seminars for updating the students regarding the recent trends in Forensic.

Faculty Requirement and Phase-wise Recruitment:

Academic Year	Year	Intake	Recruitment Plan					Period of recruitment
			Principal	Prof.	Asso. Prof.	Asst. Prof.	Total	
2023-24	First Year	210	1	1	4	9	15	July 2023
2024-25	Second Year	270	0	0	2	4	7	May 2024
2026-27	Third Year	270	0	0	2	2	4	May 2025
2027-28	Fourth Year	270	0	1	1	6	8	May 2026
2028-29	Fifth Year	270	0	1	2	8	11	May 2026

Requirement of Laboratories, Space and Equipment (cost):

Facilities are to be provided as Per AICTE / NFSU Requirements. The total area allotted to the Institute is 2.5 Acres. Ready built is Approx. 10000sqm. The allotment of rooms in the ready state is as follows-

Requirement of other Space like Class Rooms, Faculty Rooms, Departmental Office:

Built up area requirement:

Sl. No.	Name of the deed Holder	Document No.	Date of Registration	Plot No.	Address (Village) District	Area in Acre
1	Shree Swaminarayan Vividh Seva Niketan Trust	AHD3423/1-12-1978,12877/1-8-1989,3423/1-12-1978,34	03/30/1978	714-1,715-3,713-5,714-2	Jetalpur	2.5

ADMINISTRATIVE AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet,etc.)	Carpet area(in m2)	Completion of Flooring	Completion of Walls andpainting	Completion of Electrification andlighting
14A	Pantry for Staff	10	Ready	Ready	Ready
15	Principal Directors Office	53	Ready	Ready	Ready
16	Exam Control Office	35	Ready	Ready	Ready
26 B	Department Office	120	Ready	Ready	Ready
26 C	Faculty Room	150	Ready	Ready	Ready
26A	Cabin for Head of Dept	80	Ready	Ready	Ready

26D	Security	20	Ready	Ready	Ready
27	Office All Inclusive	197	Ready	Ready	Ready
27B	Central Store	30	Ready	Ready	Ready
2B	Housekeeping	10	Ready	Ready	Ready
7	Board Room	75	Ready	Ready	Ready
8	Placement Office	20	Ready	Ready	Ready
8B	Maintenance	20	Ready	Ready	Ready
9	Other	50	Ready	Ready	Ready
Entrance Lobby	Reception Area	55	Ready	Ready	Ready

AMENITIES AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet ,etc.)	Carpet area (in m2)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
202	Boys Common Room	130	Ready	Ready	Ready
203A	Student activity / GCR	130	Ready	Ready	Ready
203B	First aid cum Sick Room	20	Ready	Ready	Ready
204	Girls Common Room	130	Ready	Ready	Ready
26E	Stationery Store	15	Ready	Ready	Ready
Auditorium	Auditorium	604	Ready	Ready	Ready
Canteen	Cafeteria	405	Ready	Ready	Ready
Girls Hostel	Girls' Hostel	604	Ready	Ready	Ready
T1	Toilet	500	Ready	Ready	Ready

INSTRUCTIONAL AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m2)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
108C	Computer Centre	150	Ready	Ready	Ready
11	Seminar Hall	104	Ready	Ready	Ready
208A	Tutorial Room	33	Ready	Ready	Ready
228	Classroom	75	Ready	Ready	Ready

INSTRUCTIONAL AREA - COMMON FACILITIES

Room No.	Room type (mention Class Room/Laboratory/Toilet ,etc.)	Carpet area (in m2)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
108C	Computer Center	150	Ready	Ready	Ready
121	Language Laboratory	91	Ready	Ready	Ready
209	Library & Reading Room	196	Ready	Ready	Ready

Quality and Human Resource Development:

The data on the Human Resource Developmental aspects of the proposed Institution including the Policies of the Management to promote excellence among Faculty and Staff, Strategies to attract and retain bright faculty and methodologies towards quality management and fostering of academic excellence are elaborated as:

Academic Values:

- **Honesty:** It begins with one self and extends to others. In the quest for knowledge, students and faculty cultivate honesty in the institute.

- **Trust:** People respond to consistent honesty with trust. Trust is also promoted by faculty who set clear guide lines for assignments and for evaluating student.

  work; by students who prepare work that is honest and thoughtful; and by the institute that set clear and consistent academic standards and that support honest and impartial research.

- **Fairness:** Fair and accurate evaluation is essential in the educational process.

  For students, important components of fairness are predictability, clear expectations, and a consistent and just response to dishonesty. Faculty members also have a right to expect fair treatment, not only from students but also from colleagues and their administration.

- **Respect:** To be most rewarding, teaching and learning demand active Engagement and mutual respect. Students and faculty have a respect for themselves and each other as individuals, not just as a means to an end. They also respect themselves and each other for extending their boundaries of knowledge, testing new skills, building up on success, and learning from failure. Students show respect by attending class, being on time, paying attention, listening to other points of view, being prepared and contributing to discussions, meeting academic deadlines, and performing to the

best of their ability.

- **Responsibility:** Every member of an academic community of the institute—Each student, faculty member and administrator—is responsible for upholding the integrity of scholarship and research. Shared responsibility is distributed the power to effect change, helps overcome a path and stimulates personal investment in upholding academic integrity standards.

Recruitment, Strategies for Attracting and Retention of Faculty Personnel for Excellence, Promotional Avenues, and Career Ladder:

Recruitment: Recruitment of faculty members for the proposed program will start with inviting applications of the eligible candidates through publication of advertisement in leading newspapers at National & State Level. The qualification/experience for the eligible candidates will be as per the norms of AICTE/ UGC and NFSU. The eligible candidates will be then invited for Interview in presence of the Selection Panel. The eligible candidates will be appointed on the various posts as selected by the Selection panel.

Strategies to attract and retain personnel for excellence:

Attractive Pay Scale: The faculty appointed for the proposed program will be given scale as per the norms of AICTE, New Delhi/UGC/NFSU Norms.

Counseling, Social Support and Family Care: Institute's counseling center is always in touch with the faculty for their problems and family care.

Granting Personal PC for academic use: Institute has issued one personal PC to each faculty for academic and personal use with internet connectivity.

Sponsoring Seminar, Workshop and Conferences: Institute sponsors selective faculty for nation/international conferences, workshop with all the expenses for their development as per the Norms of NSIT(IFSCS).

Promotions and Increment in pay scales: Faculty's excellence in the academics is rewarded by their promotions and annual increment.

Granting leaves/vacations: Institute grants all types of leaves.

Promotional Avenues:

Promotion is considered as a mechanism to promote the morale and communication to profession and an incentive for better performance.

As per these guidelines the pay of faculty in technical institutions shall be fixed according to their designations. The promotional avenues will ensure that teacher's eligibility being satisfied have multiple opportunities for upward movement during their career.

For posts from Assistant Professor, Associate Professor to Professor the promotion is in the higher position that is upward movement. The selection process will be as per the norms of PCI/State Government/University.

Policies for Teaching and Non-teaching Staff Development:

Evaluation and Recognition: An open, transparent and objective performance appraisal comprising self-appraisal and appraisal by student/superior/sub-ordinate with peer evaluation is implemented so that the teaching/non-teaching staff is evaluated for their increment/promotion/rewards and suggestions are given. Good suggestions are implemented.

Integration and Communication: All policies and procedures regarding management /academics are communicated to everyone so that they can plan, frame and manage the work.

Training and Development program: Every faculty goes under training of Teacher's Training once in a year. Other than these courses on language, career, and personal development also are conducted.

Encouragement for higher qualifications or advanced courses: Faculty is encouraged for higher qualification by granting them study leave and allowing them to use academic resources of the institute.

Awards and Rewards: Faculty members are rewarded for their achievements in the academics and social involvements.

Permanent and Contract Services for Teaching, Non-teaching and other support Personnel:

Not Applicable

96.1.3 Total Quality Management:

Quality is not a one-time activity. It is a continuous improvement process. Maintaining the standards that have been set always requires commitment, meticulous planning and a good

investment in terms of time, effort and money. This is returned as-

- Improved efficiency and increased effectiveness
- Growth of the organization as a brand
- Customer satisfaction (Students as well as the industry who recruits them)
- Staff Development

Synergistic Relationships: The institute focuses on students and faculty members. Teamwork and collaboration are essential parts of the institute's TQM program. Emphasis is on synergistic relationship between the "students" and "faculty members".

Continuous Improvement and Self Evaluation: Total dedication to continuous improvement, personally and collectively helps administrators to work collaboratively with the teachers.

A System of Ongoing Process: The recognition of the institute as a system and the work done within the institute is seen as an ongoing process. The primary implication of this principle is that individual students and teachers are less to blame for failure than the system in which they work. Since systems are made up of processes, the improvements made in the quality of those processes largely determine the quality of the resulting product.

Leadership: The success of institutes is the responsibility of top management. The management of the institute is involved throughout institute's continuous improvement program that results from teachers and students working together. The management with their visionary leadership has provided world-class infrastructure and facility that result in continuous improvement.
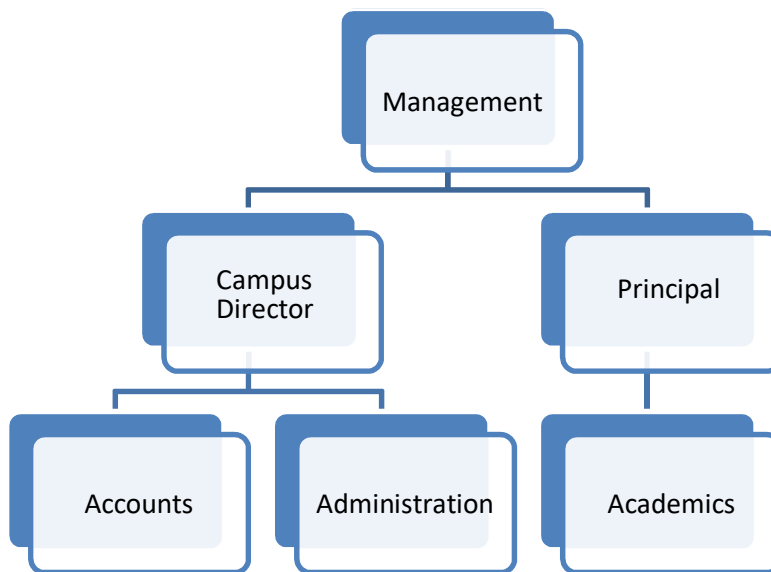
Non-teaching(technical) Staff Requirements

2022-23   :03

2023-24   :02

2024-25   :02

2025-26   :02

Staff requirement (office) and Phase-wise Recruitment

2022-23	:04
2023-24	:02
2024-25	:02
2025-26	:02

Organizational Structure & Chart form day-to-day Operations and Management:

Methods /Style of Administration/Management

Governance will be through a core committee comprising of the Vice President, Campus Director, Principal and Faculties who will meet on regular basis to decide the actions on day to day basis. The principle of governance will be consulting and persuasive which will foster teamwork, employee involvement and accountability. This core team will be guided by Governing Body as mentor.

Conceptual Master Plan for Main Campus Development:

The Site:

The site for the proposed Institute is at Jetalpur (Gujarat State) located at Survey No. 1049,1050,1059,1065, Jetalpur, Ta. Dascroi, Ahmedabad-382427, Gujarat, India. The land area of the site is 2.75acres.

Geographical Layout of Campus:

Master plan of Campus:

The Institute has its own construction team of Site Engineer and his office staff, Project Director at Trust and other ministerial and supporting staff taking care of all the construction work, which is carried out as per AICTE/NFSU/UGC/Sate government norms.

Buildings and Facilities in the Campus:

Buildings and Facilities in the Campus: The Campus of the Institute is one of the most beautiful campuses. It resembles a large, self-contained area with lecture theatres, seminar rooms, accommodation, cafeterias, canteens, shops and sports facilities, libraries and laboratories. There are a number of lush green gardens, and sidewalks, which provide an ideal environment on the campus for study and leisure.

External Services:

Medical facility connected with nearby Hospitals, Gymkhana, and Linkages with NGO for Social Services, etc.

Requirement of Staff, Space, Equipment and their Cost:

Introduction

A consolidated estimate of Phase-wise requirements of the staff, building, equipment and their cost, along with strategies for the mobilization of funds required has been summarized below.

Building Requirements-Area and Costs:

- Total Built up area planned   : 12614 sqm
- Total Built up area ready   : 12614 sqm

The Total cost of the construction of building and furniture:

- Ready   : Rs.15,75,00,000/-(approximately)

Estimated Cost of Equipment

For Forensic Education, laboratories play a very important role and laboratories are the soul of teaching activity. For proper teaching of various courses, well equipped laboratories are a very basic requirement. UG/PG Programs of Forensic Sciences to be started by the Institute have been listed before. For these programs required laboratories would be for labs related to

- Forensic Science
- Forensic Chemistry
- Forensic Physics
- Digital Forensic
- Cyber Forensic
- Forensic Accounting

The cost of purchasing various equipments for these laboratories is as follows-

- Laboratories   : Rs.400.00 Lakhs Approximately
- Computers   : Rs.200.00 Lakhs Approximately
- Language Lab software   : Rs.2.00 Lakhs Approximately

Phase-wise Financial Requirements:

Year	Courses/Intake Proposed(I)	Built up area /Investment to be made (m2 / Rs)(II)	Investment on Furniture and Accessories (Rs. In Lakhs)	Investment on Equipment /Machinery (Rs. In Lakhs) (IV)	Projected expenditure on Salary of staff per annum (Rs .in Lakhs) (V)	Investment on Library (Rs. In Lakhs)	Total Project cost (I to VI) and Preoperative
2023	4/210	275	100	300	200	40	356
2024	5/270	0	6	17	47	8	78

2025	5/270	0	6	15	75	6	102
2026	5/270	0	4	15	103	6	128
2027	5/270	0	4	10	118	6	138

Strategies for Financial Mobilization:

Strategy for Financial Mobilization is through investment by the trust in the initial years like first year, and from Second year onwards from internal cash accruals and partly from Trust funds.

Action Plan for Implementation:

The Activity Chart from the conceptual stage to final implementation, indicating a time-activity Chart for various activities, its constraints and implementation Strategy including financial out-lay of the Institute is given below:

Activity Chart

Sr. No.	Activity	Status
1	Allocation of funds for proposed institute	Completed
2	Appointment of Faculty	Identified, in process
3	Allocation of space	Completed
4	Development of Library, Books	Purchase
5	Purchase of Equipments, computers, etc.	Purchase
6	Commencement of Academics	As per University and AICTE

Financial Outlay:

Finance has already been arranged and most of the investment has been made.

Strategy for Implementation

Principal and faculty have been identified and recruitment is in progress. Required infrastructure, laboratories, library, etc. are ready. We have applied for PCI approval. On receipt of approval, admission process will be commenced as per the guide lines of DTE, Gujarat and GTU.

Executive Summary of the Detailed Project Report

Details about the Promoting Body

1. Name of the Trust : Shree Swaminarayan Vividh Sewaniketan
   Trust

2. Address : Shree Swaminarayan Gurukul
   Campus, Jetalpur, Ta. Dascroi,
   Ahmedabad-382427, Gujarat,
   India

3. Certificate of Registration as a Trust : E-2954 (Ahmedabad) Bombay Public Trust

4. Act 1950 Constitution : A Registered Public Charitable Trust

5. Telephone Number : +91 9825015838

6. Website : www.nsit.org.in

7. Activity of the Trust : Education and Not for profit activities

Nature of the Promoting Body: Trust

Activities of the Promoting Body since inception: Education and Not for profit activities.

Constitution of the Promoting Body

The trust is headed by Shastri Atmaprakasdas Narayandas, Mahant of Shree Swaminarayan temple Jetalpur. Swaminarayan sect has numbers of devotee, they are also working in social, educational and healthcare charity service in world. Swami is a visionary personality dedicated to education who has taken the trust and its activities to level of international standards. Trust also has Managing Trustee Shastri Swami Shree Purshootampakshdasji, Vice President, Member Secretary, Jt. Secretary, Treasurer, Jt. Treasurer and Members to look after and monitor activities run by the trust.

Proposed Institution

Yes.

Details about the Proposed Institution

"Narnarayan Shastri Institute of Technology- (Institute of Forensic Sciences and Cyber Security)" at Shree Swaminarayan Gurukul Campus, Jetalpur, Ahmedabad. - An institute offering UG/PG course in Forensic Sciences, Cyber Security and Forensic Accounting.

Total proposed Project cost (at the time of establishment and next five years) (Rs. In Lakh)

Year	*Courses/Intake Proposed(I)	Built up area /Investment to be made (m2/ Rs)(II)	Investment on Furniture and Accessories (Rs. In Lakhs)	Investment on Equipment /Machinery (Rs. In Lakhs) (IV)	Projected expenditure on Salary of staff per annum (Rs. In Lakhs) (V)	Investment on Library (Rs. In Lakhs) (VI)	Total Project cost (I to VI) and Preoperative
2023	4/210	275	100	500	200	50	1125
2024	5/270	0	50	400	250	50	750
2025	5/270	0	50	400	300	70	820
2026	5/270	200	50	300	350	70	970
2027	5/270	200	25	300	400	70	995

Industry Linkages (at the time of establishment, and next five years):

Institute will sign MoUs with the various organization for the training, knowledge sharing, practical expertise, skill-based training and placement time to time with the Industries, DFSL, CFSL, Patho labs, Pharma companies, other NDA universities etc.

Declaration:

I, on behalf Shree Swaminarayan Gurukul Campus, Jetalpur, Ahmedabad. Hereby confirm that is detailed project Report has been prepared for its Technical institute under the name and style of **"Narnarayan Shastri Institute of Technology- (Institute of Forensic Sciences and Cyber Security)".** It is hereby confirmed that all the information furnished above is true to the best of my knowledge and belief and if any information is found to be false, the proposal shall be rejected.