

### YEARLY STATUS REPORT - 2022-2023

### Part A

### Data of the Institution

1.Name of the Institution	Shiv Nadar Institution of Eminence Deemed to be University
• Name of the Head of the institution	Dr Ananya Mukherjee
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01203819100
• Mobile no	01203819100
• Registered e-mail	registrar@snu.edu.in
• Alternate e-mail address	office.ara@snu.edu.in
• City/Town	Dadri Gautam Buddha Nagar
• State/UT	Uttar Pradesh
• Pin Code	201314
2.Institutional status	
• University	Deemed
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	Dr. Suneet Tuli
• Phone no./Alternate phone no	01207170752
• Mobile	9810925050
• IQAC e-mail address	suneet.tuli@snu.edu.in
• Alternate Email address	office.ara@snu.edu.in
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<pre>https://snu.edu.in/home/mandatory _disclosure/internal-quality_ assurance-cell-iqac/</pre>
4.Whether Academic Calendar prepared during the year?	Yes

• if yes, whether it is uploaded in the Institutional website Web link:

### **5.Accreditation Details**

https://snu.edu.in/home/mandatorydisclosure/academic-calendar-all/

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.06	2019	25/11/2019	24/11/2024

6.Date of Establishment of IQAC

23/09/2015

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Depart ment/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	Institution of Eminence	NA	2022	NA
Department of Life Sciences	DST-FIST	Department of Science and Technology	2018, 5 years	1,62,00,000
Department of Chemistry	DST-FIST	Department of Science and Technology	2018, 5 years	2,60,00,000
Department of Physics	DST-FIST	Department of Science and Technology	2018, 5 years	1,84,00,000
Dr Mayukh Majumder	UGC-DAE CRS	UGC	2022, 1 year	2,43,240
Dr. Puli Chandramouli Reddy	DBT/Wellcome Trust India Alliance	DBT	2018, 5 years	10,72,893
Dr. Bimlesh Lochab	CSIR	CSIR	24-Oct-19, 3 years	4,50,000

# 8.Whether composition of IQAC as per latest Yes NAAC guidelines

• Upload latest notification of formation of <u>View File</u> IQAC

### 9.No. of IQAC meetings held during the year

 The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.
 (Please upload, minutes of meetings and action taken report) 3

Yes

05-07-2024 02:57:18

• (Please upload, minutes of meetings and action taken report)

View File

10.Whether IQAC received funding from any No of the funding agency to support its activities during the year?

• If yes, mention the amount

### **11.Significant contributions made by IQAC during the current year (maximum five bullets)**

Academic audit procedure was laid down and completed. Office of Dean Academics conducted the massive exercise for 17 academic departments.

Faculty Grant for Interdisciplinary research to promote interdisciplinary research within the institution

Sustainable Development Goals and participation in sustainability rankings

HR audit for faculty members with the perspective of capturing their international experience

Various automation portals/ applications for data collection of research publications, grant management, outbound student mobility, events were completed and launched during the Academic Year 2022-23

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year** 

Plan of Action	Achievements/Outcomes
Digitalization of the Academic audit process	Ongoing
HR audit for faculty members with the perspective of capturing their international experience	Completed
Research Information module	Linked with appraisal

# 13.Whether the AQAR was placed before statutory body?

Yes

- atutory Douy:
  - Name of the statutory body

Name	Date of meeting(s)
Internal Quality Assurance Cell	19/04/2024

14.Whether NAAC/or any other accreditedNobody(s) visited IQAC or interacted with ittoto Assess the functioning?Image: Content of the second second

15.Whether institutional data submitted to AISHE

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Data of the Institution			
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during me year :	

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<ul> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<u>View File</u>			
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• If yes, mention the amount				
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capturing their international<br/>experienceResearch Information moduleLinked with appraisal13.Whether the AQAR was placed before<br/>statutory body?Yes

• Name of the statutory body

Name	Date of meeting(s)
Internal Quality Assurance Cell	19/04/2024
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

Year	Date of Submission
2022-23	15/02/2023

### 16.Multidisciplinary / interdisciplinary

Shiv Nadar IoE has been multidisciplinary from its inception in 2011. It has 4 Schools: Engineering; Natural Sciences; Humanities and Social Sciences; and Management & Entrepreneurship. The multidisciplinary curriculum is one central pillar of the education we offer. Students acquire expertise in a domain (their Major), but at the same time are required to take a wide range of courses outside their Major. The University's undergraduate program provides students with the flexibility to pursue Major-Minor combinations as well for a truly interdisciplinary flavour. Common Core Curriculum (CCC) At least 18 credits The CCC is designed to provide students an understanding of the forces that are driving local, national, and global changes and to give them an awareness of the problems facing an increasingly integrated world Major At least 108 credits All undergraduate students must specialize in a Major, ensuring that upon the completion of their degree they will be prepared to step into the working world or continue on to postgraduate studies with a high level of expertise in their subject, and with the competence to meet the highest standards of employers or postgraduate faculties University-Wide Electives At least 18 credits The students have the flexibility to choose multiple university-wide electives, which provide them the opportunity to discover their academic passion and enhance their engagement in the learning process through the individualization of their programs of study Focus on Research and Innovation At Shiv Nadar, our mission is to foster a love for research right from the undergraduate level. The Opportunities for Undergraduate Research (OUR) program enables undergraduate students to undertake research projects with faculty members in any discipline. Many undergraduate

students have published their research work through this initiative. Innovation and entrepreneurship are key pillars of the Shiv Nadar ecosystem. The Atal Incubation Center (AIC) was established in 2017 in our campus with the support of the Atal Incubation Mission of Niti Aayog. The objective of this mission was to foster the culture of innovation and entrepreneurship nationwide. The AIC is equipped with world-class facilities and state-of-the-art infrastructure spread over 10,000 sq. ft.

### 17.Academic bank of credits (ABC):

We have been following the basic principles of the Academic Bank of Credits (ABC) since inception. We already have the following policies: Exit option: The student can drop out in any year, and his/her credits earned to date will be issued as a transcript. Lateral admission policy: For student mobility between us and other Higher Educational Institutions, we have been considering the credits earned by the students in the other institutions through our lateral entry admission option and admitting students in their second year of study. The first lateral entry admission was taken in the academic year 2013-14. National Academic Depository: Our institution has been uploading the academic awards of the students to the National Academic Depository, after they have completed their program at the university.

### **18.Skill development:**

The Design Innovation Skill and Entrepreneurship (DISE) component has at least 18 credits of skill and entrepreneurship courses that are mandatory for every student. Internships, field visits, value added courses, soft skill training, to name a few are part of skill development activities initiated by the Institution. Shiv Nadar IoE believes in experiential learning which is augmented with nearly 200 state of the art laboratories, and software suites. In addition, the Career Development Center (CDC) offers courses such as: Problem Solving, Self-awareness, 7C's of Communication, Campus To Corporate, SWOT, Art of Story Telling to impart the necessary hands on skills to all the undergraduate students. The CDC also conducts skill development courses for the PhD and Masters students for honing their communication and management skills.

**19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)** 

Shiv Nadar IoE offers courses related to India that includes Indian history, Hindustani music, Indian food, etc.,. Some of these courses are: Course Code Course Name DNC100 Dance and National Identity CCC114 Food, Language and Indian History SWE330 Introduction to Modern Indian Political Thought HIS209 Contemporary India 1947-1991 INT103 India in world Affairs CCC668 Institutions, Democracy and the Economy CCC228 The Nation and Nationalism

### 20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Our curriculum is aligned with OBE from its inception. Our course proposal form and syllabi template require the outcomes to be stated for courses to be approved. Examples of pedagogies aligned to OBE: Shiv Nadar has one of the most extensive research pedagogies in the country. The state-of-the- art 63000 square feet Research Block houses equipment and facilities for research. In addition it has extensive design studios, art studios, an archaeology lab, data labs and much more (155 labs Internships and practicum: We have many internships and growing) in business and social sectors. Some programs have internships as a mandatory component of their curriculum. Project work: The 4th year of UG curriculum in all disciplines primarily composed of project and research work. Teamwork based pedagogy: The Venture Laboratory is a mandatory course in Management Studies which requires a group of students -to ideate, develop and incubate a start-up. 'Campus as a living lab' - The university's 286-acre green and exceptional biodiverse campus which is used for a wide array projects. Multi-disciplinary Curriculum: It allows the students to acquire expertise in a domain (their Major) while pursuing a wide range of courses outside their Major. With atleast 108 credits, students specialize in a Major, ensuring that upon the completion of their degree they will be prepared to step into the working world or continue on to postgraduate studies with a high level of expertise in their subject. Students also have the flexibility to pursue Major-Minor combinations. University Wide Electives (UWE) : Another component with atleast 18 credits. The students have the flexibility to choose multiple university-wide electives, which provide them the opportunity to discover their academic passion and enhance their engagement in the learning process through the individualization of their programs of study. Common Core Curriculum (CCC) has 18 credits and provides students insights into the forces that are driving local, national, and global changes and to give them an awareness of the problems facing an increasingly integrated world. CCC has the following components: Research, Experiential and Applied Learning (REAL) Value, Ethics, Leadership and Service (VELS)

DESIGN THIOAGCION DVIIT FULLEDIENERSHIP (DIDE	Design	Innovation	Skill	Entrepreneuship	(DISE
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### **21.Distance education/online education:**

As per UGC (Online Courses or Programmes) Regulations, 2018, the Shiv Nadar IoE has started its Online MBA programme in the academic year 2021-22. 236 students had enrolled into the online MBA programme during the academic year 2021-22. The program consists of both synchronous and asynchronous blending learning. The asynchronous components include lecture videos ,case studies ,reading material, and so on. The synchronous components include live online lectures and discussions. The program includes over 1000 learning hours.

### **Extended Profile**

1.Programme		
1.1		50
Number of programmes offered during the year:		
File Description	Documents	
Data Template		<u>View File</u>
1.2		17
Number of departments offering academic programmes		
2.Student		
2.1		3154
Number of students during the year		
File Description	Documents	
Data Template		<u>View File</u>
2.2		576
Number of outgoing / final year students during the year:		
File Description	Documents	
Data Template		View File
2.3		2865

Number of students appeared in the University examination during the year		
File Description	Documents	
Data Template	View File	
2.4	106	
Number of revaluation applications during the year		
3.Academic		
3.1	767	
Number of courses in all Programmes during the	/ear	
File Description     Documents		
Data Template	<u>View File</u>	
3.2 272		
Number of full time teachers during the year		
File Description     Documents		
	View File	
Data Template	<u>View File</u>	
Data Template     3.3	View File 46	
3.3		
3.3 Number of sanctioned posts during the year	46	
3.3 Number of sanctioned posts during the year File Description	46 Documents	
3.3 Number of sanctioned posts during the year File Description Data Template	46 Documents	
3.3         Number of sanctioned posts during the year         File Description         Data Template         4.Institution	46 Documents View File 18113	
3.3         Number of sanctioned posts during the year         File Description         Data Template         4.Institution         4.1         Number of eligible applications received for admining	46 Documents View File 18113	
3.3 Number of sanctioned posts during the year File Description Data Template 4.1 Number of eligible applications received for admi Programmes during the year	46   Documents   View File     18113   ssions to all the	

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description Documents		
Data Template		<u>View File</u>
4.3		61
Total number of classrooms and seminar halls		
4.4		1526
Total number of computers in the campus for academic purpose		
4.5		18782
Total expenditure excluding salary during the year (INR in lakhs)		
Part B		
CURRICULAR ASPECTS		
1.1 - Curriculum Design and Development		
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs). Programme Specific		

global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The curricula developed by the University fully alignwith the stated vision and mission, and contain the following types of components: Experiential Learning: Research, design, practicums, cooperativeeducation, service-learning, internships, and cultural immersion programmes.

Choice Based Credit System (CBCS): The in-built flexibility of the undergraduate curriculum provides scope for every student to progress through the program at his/her own pace allowing them to choose multiple minors and specialisations during their period of study.

Global orientation: We partner with world-class institutions for specific schools/disciplines to offer students study abroad, internship, research, and service opportunities. The curriculum builds global competence through cross-learning and multicultural exposure.

Multidisciplinarity: A multidisciplinary approach is often required to address the pressing problems related to the environment and climate change.

Focus on Research and Innovation:TheOpportunities for Undergraduate Research (OUR)program enables undergraduate students to undertake research projects with faculty members in any discipline. Many undergraduate students have published their research work through this initiative.

Processes: Academic experts, prominent researchers, business leaders, and policymakers consult on each University programme. A robust feedback mechanism reviews the programmes periodically.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

**1.1.3** - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

**1.1.3.1** - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

### 707

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **1.2 - Academic Flexibility**

# **1.2.1** - Number of new courses introduced of the total number of courses across all programs offered during the year

60

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **1.2.2** - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

47

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The University upholds the ideal of providing holistic education to all of its students, and it outlines in its prospectus the goals of the education it hopes to instil: "Students shall be trained to be good citizens of India and the world and have a firm grounding in issues related to gender, environment, and sustainability as well as values, ethics, leadership, and service."

To achieve these, the university has undertaken the following initiatives at both undergraduate, and graduate teaching and at research levels:

Every undergraduate student at the institution must complete at least 18 credits in Values, Ethics, Leadership, and Service (VELS) courses in order to get their degree. These courses imparta lifetime commitment to leadership based on values, ethics, and service to society.

Every undergraduate student at the Shiv Nadar Institution of Eminence is required to enroll in Core Common Curriculum (or CCC) courses, which cover a foundational set of common disciplines. These CCC courses cover topics like gender, the environment, and human values and ethics.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **1.3.2** - Number of value-added courses for imparting transferable and life skills offered during the year

30

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

# **1.3.3.1** - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

### 1932

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **1.3.4** - Number of students undertaking field projects / research projects / internships during the year

### 1370

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 1.4 - Feedback System

1.4.1 - Structured feedback for design and	•	All	4	of	the	above
review of syllabus – semester wise / is						
received from Students Teachers Employers						
Alumni						

File Description	Documents		
Upload relevant supporting document	<u>View File</u>		
1.4.2 - Feedback processes of the may be classified as follows	ne institution	• Feedback collected, analysed and action taken and feedback available on website	
File Description	Documents		
Upload relevant supporting document	<u>View File</u>		
TEACHING-LEARNING AND	EVALUATION		
2.1 - Student Enrollment and P	Profile		
2.1.1 - Demand Ratio			
2.1.1.1 - Number of seats availa	able during the y	/ear	
715			
File Description	Documents		
Upload the data template	<u>View File</u>		
Upload relevant supporting document		<u>View File</u>	

etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

179

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The Academic session begins with a specifically tailored program for the undergraduate students offering diagnostic examinations

for their fundamental mathematics, english, and computer programming skills. The advisor directs students to the appropriate foundation (remedial) courses based on their scores on these diagnostic examinations. The undergraduate advising system in each Department allows the learners - slow or fast - to choose the appropriate credit load in a semester and hence decide on the learning pace, as permitted in the University regulations. Nearly all courses also include weekly small-group tutorial sessions as a complement to lecture sessions. These are designed to address specific issues or questions about the lecture topic at hand, direct technical problem-solving, make it possible to gauge each student's present level of understanding, and offer the necessary assistance. Very importantly, a Learning and Academic Support Centre (LASC) at the University provides students with a learning environment and experience that differs from the classroom. LASC focuses on peer-to-peer mentoring and teaching. The carefully chosen tutoring staff at the LASC provides instructional approaches to be active learners and take responsibility for learning and academic success. Opportunities for Undergraduate Research (OUR) is a particular program that the university offers for advanced students. This gives undergraduate students the chance to work on research subjects that interest them, independent of their present course of study.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	Nil

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students		Number of Teachers
3154		272
File Description	Documents	
Upload relevant supporting		<u>View File</u>

### 2.3 - Teaching- Learning Process

document

2.3.1 - Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences The University incorporates experiential learning in the curriculum by giving credit for activities such as research projects; design projects; practicums; cooperative education; service-learning programs; internships; cultural immersion programs, and volunteering services. At least 20% of the courses have to explicitly cover the category of Research Experiential and Applied Learning (REAL) for any undergraduate degree program at the University. For the students' hands-on experience in cuttingedge laboratories, laboratory components are required in many Science and Engineering courses. A final-year research project of at least 12 credits is required in every undergraduate program. All University courses actively promote participatory learning as a standard method of instruction.

Problem-solving methodologies are widely used in the courses offered by the School of Natural Sciences and the School of Engineering. All Engineering students take a course on it through Programming, in which C/C++ programming is motivated by a host of problems from algorithms, mathematics, and other applications.

The courses offered by the School of Management and Entrepreneurship also imaginatively blend these various approaches. The school uses practices such as group work, case studies, stock market simulations, and social media campaigns to provide an immersive learning experience. Importantly, the University supports its faculty in promoting these improved learning opportunities through regular workshops, mentoring of new faculty members, gathering mid & end semester feedback from students to identify and address problems in ongoing courses, and recognizing exceptional teachers through awards.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Yes, for effective teaching and learning, the faculty at Shiv Nadar Institution of Eminence uses ICT-enabled resources including tablets, presentations, and audio-video applications. We have deployed Blackboard as the Learning Management System since the inception and smart classrooms have been designed for effective teaching and learning.For online instruction, the institution also makes use of tools like MS Teams, Blackboard, Lecture Capture, Google Meet, etc.

File Description	Documents		
Upload relevant supporting document	<u>View File</u>		
2.3.3 - Ratio of students to mentor for academic and other related issues during the year			
2.3.3.1 - Number of mentors			
152			
File Description	Documents		
Upload relevant supporting document	<u>View File</u>		
2.4 - Teacher Profile and Qua	ality		
2.4.1 - Total Number of full t	ime teachers against sanctioned posts during the year		
272			
File Description	Documents		
Upload the data template	<u>View File</u>		
Upload relevant supporting document	<u>View File</u>		
2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year			
253			
File Description	Documents		
Upload the data template	<u>View File</u>		
Upload relevant supporting	View File		

### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

### 2.4.3.1 - Total experience of full-time teachers

### 153**9**

document

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1	6
т	Ο

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

10

# 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

### 10

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **2.5.2** - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

106

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Blackboard, a learning management system used by the university, is used by professors to administer online quizzes and exams. To assist professors in evaluating the tasks, it also offers a mechanism for assignment submission with an integrated plagiarism detector. Through the LMS, the teacher also communicates the findings and grades of the continuousevaluation with the students. Every semester, the university employs software to create the examination schedule for close to 150 undergraduate courses. This schedule is then updated using IT tools so that exams can be held within the allotted window of 9 to 10 days. The faculty uses an online portal to transmit grades, and mark records from continuous assessments, midterm examinations, and final exams, as well as the grading scheme that was used and the moderation report (if applicable).

The institution makes use of Peoplesoft Oracle's Enterprise Resource Planning (ERP) education solution software. It is used to keep track of students' grades, GPAs, and other records. Through this website, pupils' grades are made public. Through this software, the student's grade sheets can also be printed. Any request for re-evaluation and subsequent modification in declared grades is processed through this application within a prescribed timeline.

File Description	Documents		
Upload relevant supporting document	<u>View File</u>		
2.5.4 - Status of automation of Examination division along with approved Examination Manual		A. 100% automation of entire division & implementation of Examination Management System (EMS)	
File Description	Documents		

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Program learning outcomes for every program are developed at the

department level with active participation from the faculty members from the concerned school, the relevant Dean's office, and the board of studies. Additionally, each program outcome document also takes the help of curriculum mapping to create a matrix between program goals and course outcomes. With the aid of the aforementioned procedure, all degree programs provided by the university have precisely specified learning outcomes for the program that identify the required competencies among students upon program completion. These are further broken down at the course level, and a thorough course description template is provided with information on the competencies required ofstudents at the end of the course, as well as information on the methods of assessment, suggested readings, and expected course outcomes. All programs' learning objectives are listed on the university or departmental website, in the program prospectus, and are accessible to faculty members, students, and parents. The university's many IT platforms, including the LMS Blackboard, the institutional ERP by PeopleSoft Oracle, the Parent Portal, etc., also have access to these documents. A few sample program outcome links are given in the additional information field below. Each program prospectus also identifies and clearly enlists measures to assess each of the learning outcomes that include a combination of direct measures, such as a review of student major projects with a pre-published grading rubric, and indirect measures, such as student surveys.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The institution has implemented a modified and contextualized matrix based on the Massachussettes Institute of Technology (MIT)'s "Methods of Measuring Learning Outcomes and Value Added" that uses direct and indirect measurements to evaluate learning outcomes at the course and program levels. A few of the indirect measures include freshman and exit surveys, graduation rates, number of students progressing to advanced degrees, job placements, and indicators used by faculty members including grades, course evaluations surveys, quizzes, and other inclass techniques, etc. whereas the direct measures undertaken at faculty level include pre/post-tests, analysis of assignments designed to test conceptual understanding, observations of students performing a task, analysis of student work products, thesis and/or project work, student portfolios compiled throughout the study, student performance in competitive examinations such as GATE, CAT, GRE, GMAT, etc. A macroscopic, university-level evaluation and analysis are undertaken every year with the help of the following quantitative and qualitative measures:

Student feedback system Industry placements and feedback Students opting for higher Studies Entrepreneurial ventures Besides, the Controller of Examination (CoE) presents a detailed analysis report on the examination results to the Academic Council which observes and suggests the relevant school about the course corrections, if any. Last but not least, the university tracks the NIRF ranking for the last years. On the Graduation Outcomes parameter, the university is ranked among the top 100 institutions in India, alongside IITs, IIMs, and IISc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.6.3 - Number of students passed during the year

**2.6.3.1** - Total number of final year students who passed the university examination during the year

### 576

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.7 - Student Satisfaction Survey

**2.7.1** - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://snu.edu.in/site/assets/files/3875/student agar survey.pdf

### **RESEARCH, INNOVATIONS AND EXTENSION**

### **3.1 - Promotion of Research and Facilities**

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Shiv Nadar Institution of Eminencehas well-defined policies to promote research and innovation at both individual levels or within the departments and schools. Shiv Nadar IoEhas identified four priority research areas:Environment, Energy, Cognition and behavior, and Data and computation. In the academic year 2022, the university launched the Faculty Grant for Interdisciplinary Research (FGIR) program for fostering interdisciplinary research in these four priority areas across the four schools i.e.Schools of Engineering, Natural Sciences, Humanities & Social Sciences and Management & Entrepreneurship.

The following research-enabling policies are designed to foster inter and disciplinary research:

- 1. Institutional Ethics Committee (IEC) for Human Research
- 2. Intellectual Property Rights Policy
- 3. Procedure Manual for Filing Intellectual Property Rights
- 4. Regulations for the Ph.D. Program
- 5. General Information & Guidelines for Consultancy

### 6. Institutional Entrepreneurship Policy

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **3.1.2** - The institution provides seed money to its teachers for research (amount INR in Lakhs)

### 272

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.1.3** - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

44

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.1.4** - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

**439** 

File Description	Documents					
Upload the data template	<u>View File</u>					
Upload relevant supporting document	<u>View File</u>					
3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery		A. Any	7 4 or	more o	of the	above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

11

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **3.2 - Resource Mobilization for Research**

**3.2.1** - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

26.3

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.2.2** - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

### 2796.5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.2.3** - Number of research projects per teacher funded by government and non-government agencies during the year

### 0.2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The Atal Incubation Center (AIC) at Shiv Nadar IoEis a tech agnostic hardware-focused premier incubation center established in 2017 with the support of AIM Niti Aayog to foster the culture of innovation and entrepreneurship across the length and breadth of the country.

We aim to create a holistic environment to help innovation-driven individuals to layout and succeed in their business ventures under coordinated direction. Our incubation center is equipped with world-class facilities and state-of-the-art infrastructure spread in 10,000 sq.ft space amidst the sprawling 286 acres of land, well equipped with 154 labs, 8 Research Centers, 24 Departments, infrastructure which has been attracting startups from across the country to do transitional research and R&D. The AICis progressively working towards fostering entrepreneurship and trying to play a vital role in creating sustainable start-ups, which generate more employment and wealth creation.

The Institutionpromotes the culture through the Institution Entrepreneurship policy for faculty, staff and students. The policy provides the necessary ecosystem for supporting start-ups of the employees and students like sabbatical, placement holiday for students forupto two years for pursuing startup work, to name a few

File Description	Documents
Upload relevant supporting document	<u>View File</u>

**3.3.2** - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

### 35

**3.3.2.1** - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

### 35

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

**3.3.3** - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

**3.3.3.1** - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

### 45

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **3.4 - Research Publications and Awards**

3.4.1 - The institution ensures in	3.4.1 - The institution ensures implementation of its stated Code of Ethics for research		
<b>3.4.1.1</b> - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following		A. All of the above	
<ol> <li>Inclusion of research ethics in the research methodology course work</li> <li>Presence of institutional Ethics committees (Animal, chemical, bio- ethics etc)</li> <li>Plagiarism check</li> <li>Research Advisory Committee</li> </ol>			
File Description	Documents		
Upload relevant supporting document		<u>View File</u>	
3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website		A. All of the above	
File Description	Documents		
Upload the data template		<u>View File</u>	
Upload relevant supporting document		<u>View File</u>	

### 3.4.3 - Number of Patents published/awarded during the year

### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

18

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

### 3.4.4.1 - How many Ph.D's are awarded during the year

### 33

-	
File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.4.5** - Number of research papers per teacher in the Journals notified on UGC website during the year

### 1.85

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.4.6** - Number of books and chapters in edited volumes published per teacher during the year

# **3.4.6.1** - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

### 460

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>
3.4.7 - E-content is developed by teachers For D. Any 2 of the above	

### e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/Web of Science/PubMed Scopus Web of Science 4.8 NA File Description Documents Any additional information No File Uploaded Bibliometrics of the publications during the year View File

# **3.4.9** - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
20	NA

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	No File Uploaded

### **3.5 - Consultancy**

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Yes, the university encourages its academics to pursue consulting and has a policy on it that includes revenue sharing between the institution and the individual.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

**3.5.2** - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

**3.5.2.1** - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

48.85		
File Description	Documents	
Upload the data template	<u>View File</u>	
Upload relevant supporting	<u>View File</u>	

### **3.6 - Extension Activities**

document

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Shiv Nadar IoE is committed to bringing positive changes and transformation for the upliftment of the nearby rural and semirural settings; andspends around Rs. 1 crore annually on various initiatives. While Chithera Village Outreach and Support Program is an ongoing effort since 2013-14, the Dadri Development Project was launched in 2021 and has shown promising output with the successful completion of first batch in 2022.

Under the Chithera Village Outreach and Support Program Shiv Nadar IoE extends dispensary services and has appointed a doctor and provide para medical staff for the dispensary. The institution has dedicated 6 full-time housekeeping staff members daily for general cleanliness. To improve infrastructure and community facilities, the University has also installed 800 streetlights across the village.

Dadri Development Project (DDP) is carried out in association with Shiksha Initiative of the Shiv Nadar Foundation with an aim to upskill the younger population and youth of the area. The overall enrolment for the first batch of DDP upskilling program was 61 out of which 39% were women/girl candidates. At the end of the program about 43% of the enrolled students appeared for the final assessment. The University students also support these activities as volunteers.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

**3.6.2** - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried

### out during the year

# **3.6.2.1** - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

┝		
	File Description	Documents
	Upload the data template	<u>View File</u>
	Upload relevant supporting document	<u>View File</u>

# 3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

1	1	L		
	I	L		
-				

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **3.6.4** - Total number of students participating in extension activities listed at **3.6.3** above during the year

### 6

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **3.7 - Collaboration**

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

**3.7.1.1** - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

18

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

21

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The institution's infrastructure plan has been likened to internationally recognized campuses due to its research-focused and fully residential orientation. The institution has the capacity to have around 6.25 million square feet (approx.) of built-up area. With 1 million sq. ft. under construction, the campus has worldclass facilities. This includes seminar halls, state-of-the-art classrooms ranging from 20 to 500+ to accommodate different teaching styles and needs, tutorial rooms, smart classrooms, discussion rooms, wide, airy circulation areas, worldclass research blocks with excellent research facilities, an aesthetically designed library, student and faculty residential complexes, dining, and recreation areas, and a magnificent indoor sports complex and outdoor sports facilities. Each classroom has a projection system and Wi-Fi for audio-visual Blackboard training. AV systems and LCDTVs in large classrooms enable videoconferencing. The university's instructional philosophy emphasizes experiential and practical learning. The university has excellent research and teaching labs. It has an impressive research infrastructure, including the 63,000-square-foot Research Block. BSL II Culture facility, Flow cytometer with sorter, High-Speed Centrifuge, Recombinant DNA technology Platform, REAL-TIME PCR, CO2 Incubator, Incubator shaker, Proteomics Platform,

Fluorescence Microscope, Gel doc system, Elisa Reader & Washer, Electroporator/Micro drop, Nanodrop, Amaxa® Nucleofector®, Bio spectrometer-kinetic, etc. A central instrumentation facility includes LCMS, XRD - Powder & Single Crystal, NMR, AFM, UV-VIS Spectroscopy, Impedance Analyzer, Photoluminescence, various furnaces, thin film deposition facilities including thermal and Pulsed Laser Deposition (PLD), and 63 nodes, 1008 cores, 30 Tera Flops High-Performance Computing Cluster (HPCC) for theoretical research.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Shiv Nadar Institution of Eminence is a student-centric institution. The university administration encourages and supports extracurricular student projects. There are 30 active student clubs and societies, including technical societies and chapters of IEEE, SAE, ASME, ACM, TEDx, etc. Along with these cultural institutions, the university has 120.000 square feet of indoor sports facilities, including a big gymnasium, badminton, squash, and basketball courts, an athletic track, and rock-climbing walls. Cricket, football, tennis, volleyball, and basketball courts are among the outdoor sports venues.

The studentcouncil has created a year-round Sports League. All these organizations, societies, and sporting events have contributed to a thriving campus co-curricular scene and student progress.

Specific details of the Indoor Sports Complex:

Squash Courts - 4 Nos.

Basketball Courts - 2 Nos.

Badminton Courts - 8 Nos.

Carrom Room - 1 (with 4 sets)

Yoga Room Unisex Gym (35 machines and a Free Weight Section)

TT Room (4 TT Tables.)

```
Climbing Walls - 2 Nos.

Students' Activity Center that includes Foosball tables and Pool

Tables, cafe services, and vending machines

Classroom with a projector (seating capacity of 70)

The outdoor sports infrastructure includes:

Basketball Courts - 3 Nos.

Badminton Courts - 2 Nos.

Lawn Tennis Courts - 2 Nos.

Lawn Tennis Practice Wall Court -

1 Cricket Field - andPracticing Nets - 2 Nos.

Football Field - 1

Volleyball Courts - 2 Nos.

There is also an outdoor Chess Garden with 4 feet high chessmen.
```

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.3 - Availability of general campus facilities and overall ambience

Shiv Nadar (Institution of Eminence Deemed to be University) is designed to provide an immersive learning experience to its students inside and outside the classroom. A fully residential campus, the University has a tranquil environment, ideal for learning and self-discovery. With students from 28 states, the University is like a microcosm of India, with a welcoming and supportive community that reflects the country's diversity in culture, talent, and perspectives. To support its ambitious mission of nurturing the next generation of leaders, the University fosters a respectful campus culture where students are encouraged to engage in intellectual debates, develop talents, challenge conventional wisdom, and experiment with new ideas. Some of the facilities are:

Gender-specific hostels for students with dining halls and housing for employees.

Health and Wellness Centre

ATM, banking facilities a Post Office with its PIN code.

Shopping Arcade houses agrocery store, book and stationery store, bicycle repair shop, tailor, bakery, and a pharmacy. Unisex salonwith trained and courteous employeesand outsourced laundry services are the other facilities.

A multi-facility in-house club with gym and othersports infrastructure like a swimming pool, and badminton court.

Shuttle services to the city and adjacent regions.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **4.1.4** - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

#### 17142

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The Central library of the Shiv Nadar IoE has automated all its activities to provide effective and wide range of academic resources such as books, journals, online databases, DVDs and other useful materials. The library is also providing Network Resource Sharing and Inter Library Loan (ILL) services through National and International Consortium by adopting the latest information technology techniques. In addition to the central library the departmental library system is being developed for all the schools established by the University.

Through http://library.snu.edu.in, library users can accesselectronic journals, online databases, andinstitutional repositories.VPN allows remote access to all e-resources . OPAC/Web OPAC is the main library access resource. The open-source Koha library management system gives instructors and students access to online publications.

KOHA is the ILMS software, which is fully automated and deployedin the year 2011-12 i.e. sinceinception of the University. The library is also a member of various consortiums, professional organizations, and academic societies, including EShodhsindhu, Shodhganga, INFLIBNET, DELNET, the American Institute of Physics, the European Mathematical Society, the American Mathematical Society Institutional membership, the ACM Digital Library, IEEE, ASME, ASCE, the APS, the RSC, the ACS, the American Society for Microbiology.

File Description	Documents	
Upload relevant supporting document		<u>View File</u>
4.2.2 - Institution has subscription for e- Library resources Library has regular subscription for the following: e – journals e- books e-ShodhSindhu Shodhganga Databases		A. Any 4 or all of the above
File Description	Documents	
Upload relevant supporting document	<u>View File</u>	

# **4.2.3** - Annual expenditure for purchase of books/ e-books and subscription to journals/ejournals during the year (INR in Lakhs)

531

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

**4.2.4** - Number of usage of library by teachers and students per day (foot falls and login data for online access)

255839	

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 4.3 - IT Infrastructure

**4.3.1** - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

84

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Yes, Shiv Nadar IoE has an IT policy in place and created teaching, learning, and community spaces around the campus that leverage technology significantly. It has deployed a High-Performance Computing (HPC) cluster with 30 Teraflops of Theoretical Peak Performance from a total of 62 Compute Nodes, to facilitate complex research projects and computing simulations.

The University has deployed Learning Management System "Blackboard" for online learning support to faculty and students.

Server Virtualization for scalable and on-demand server/computing resource management and deployment.

High-end FAS storage solution which optimizes memory and I/O bandwidth for better performance while providing network connectivity and capacity scaling needed to meet the growing and changing data storage requirements.

ERP for student life cycle management covering processes like Admissions, Student Records, Grades, Student Financials, Academic Advisement, Campus Community, Payment Gateway, etc. ITIL Based Service desk and Ticketing platform VDI (Virtual Desktop Infrastructure) has been deployed to provide students and faculty with any time, anywhere virtual computer lab resources.

#### Self-service portal for user account management

The Information Technology Department provides the following basic IT services to all faculty members: Laptop or Desktop computer Email Net ID, cloud storage, collaboration tools, internet connectivity (Wi-Fi/Lan)

Classroomsare equipped with Projectors and projection screens Large Classrooms are equipped with Sound Systems as well as smart Classrooms, Virtual Classrooms, and a Lecture capture facility.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **4.3.3 - Student - Computer ratio during the year**

Number of students	Number of Computers available to students for academic purposes
3154	1526
4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ?1 GBPS

File Description	Documents	
Upload relevant supporting document		<u>View File</u>
4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and		A. All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Upload the data template	<u>View File</u>

#### **4.4 - Maintenance of Campus Infrastructure**

softwares for editing

**4.4.1** - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

### 18,782 (INR Lakhs)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Shiv Nadar Institution of Eminence has a well-established system and procedure for maintaining and using resources. An adequate team is recruited to precisely develop and manage campus infrastructure, cleanliness, and hygiene to create a welcoming learning environment.

Electricity & Physical facilities: Electrical systems and physical facilities undergo scheduled maintenance. Shiv Nadar IoEis equipped with a variety of tools. Annual maintenance agreements (AMC) with OEM/authorized service providers keep campus assets and equipment running smoothly.Toensure uninterrupted service, all vital equipment is connected to a UPS. Dual power sources power the building.

Library: The library has a UPS backup and is partially computerized. As per the planned PPM, a dedicated maintenance team performs routine maintenance on the electrical and air conditioning infrastructure (periodic preventive maintenance). In order to keep the library's books free of damage, pest control is regularly done.

Laboratory: The laboratory infrastructure like power supply, airconditioning system, UPS, water supply cleanliness, etc is maintained by the maintenance team/respective AMC agencies. The lab equipment is maintained by equipment manufacturers/thirdparty/lab assistants.

Classrooms: Each classroom has air conditioning, an OHP/LCD projector, Wi-Fi, and a collar microphone.Additional audio-visual equipment is available in the seminar rooms. A committed IT, Maintenance, and housekeeping team keeps the lecture and classrooms in good condition.

Sports complex: The appropriate AMC agencies and internal maintenance crew maintain the sports facility's infrastructure.

# The department'smaintenance staff is in charge of all the sports equipment and goods.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

#### 1149

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **5.1.2** - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

#### 793

File Description	Documents	
Upload the data template		<u>View File</u>
Upload relevant supporting document		<u>View File</u>
5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene)		A. All of the above

Awareness of trends in technology

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **5.2 - Student Progression**

**5.2.1** - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

38

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

# 5.2.2 - Total number of placement of outgoing students during the year

347

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **5.2.3** - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

154

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

31

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Shiv Nadar Institution of Eminence (Shiv Nadar IoE) has aStudent Council whichis governed by a writtenconstitution based on democratic principles and the idea of self-governance.It comprises the following: 1. The Senate and 2. The Executive Cabinet.

The Senate comprises the Senators a.k.a. class representatives who are elected annually by all thestudents and has 10 committees.The President, the Vice-President, and fourteen secretaries representing various portfolios make up theExecutive Cabinet.The Student Council has also established four Focus Groups with distinct aims, objectivesand organizations;promoting sustainable living practices on campus premises and beyond.

The committees are:

Cultural Committeeforan inclusive and engaging campusenvironment

Sports Committee for a fit campus

IT Committee forenhancing the overall technological experiencefor students at the university.

Campus Affairs Committee for enhancingaspects of student life

oncampus aimed at improving positive outreach and impact.

External Affairs Committee has been involved in guidingvarious larger college bodies in organizing events and preparing PR plans

The Academic Affairs Committee heads all academic related agenda for the Student Council, playinga vital role in guiding studentacademic interaction.

The Finance Committee engages with the finances of all clubs and societies

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# **5.3.3** - Number of sports and cultural events / competitions organised by the institution during the year

80

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

Shiv Nadar Institution of Eminence (Shiv Nadar IoE) Alumni Relations Office works with the purpose of interesting, informing, and engaging the alumni to assist and promote the creation of mutually beneficial relationships between them and the institution.

Alumni contributions include:

Mentorship program organized by them where the alumni interact with the current students and guide them.

Alumni talk series that includes the session on higher education paths and practices and job prospects in the future. Interaction with the freshmen batch. Involvement in placement preparedness and webinars. Information about the job & internship opportunities created by the alumni or available in their organizations.

Leadership conclaves give an idea of how to build a profile while being at the campus itself.

Assistance during information sessions on admission.

Alumni engagement in various institutional events like Breeze, TEDx, E-Summit, Convocation, Atal Incubation Centre Events, etc., is notable.

The Shiv Nadar IoE Alumni Relations Office regularly employs the following strategies to heighten the alumni association's contribution: Maintains required data of the alumni group every year.

Organizes alumni meetings in different parts of the world where the students reunite.

Releases the student magazine, which features opinions from graduates and demonstrates their importance.

As part of the "Alumni Connect Program," alumni meet is organized at the campus to interact and connect with their mentors, peers and juniors.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 5.4.2 - Alumni contribution during the year (INR in Lakhs)

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# GOVERNANCE, LEADERSHIP AND MANAGEMENT

# 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Shiv Nadar Institution of Eminence Deemed to be University believes in vision-driven self-governance and has adopted a structure of participatory management and inclusive governance. It allows a level of autonomy for ongoing professional evaluation and accountability inside the organization. The system is fundamentally flexible enough to incorporate modifications as and when they are needed to remain relevant in this rapidly evolving world. The Institution is governed by the Governing Body, the Board of Management, and the Academic Council, and has various supporting Committees. 1. Governing Body 2. Board of Management 3. Academic Council 4. Vice Chancellor's Council 5. Finance Committee 6. Planning &Monitoring Board 7. Advisory Board 8. Board of Studies 9. Admission Committees 10. Examination Committee 11. Disciplinary/Ethics Committee 12. Proctoral Board 13. Selection Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

Shiv Nadar Institution of Eminence adheres to participative management practices, which enable faculty, staff, and students to assume ownership, accountability, and authority for the job that is expected of them. The university's administration has developed a perspective plan and execution strategy within the framework of the institution's vision and purpose, while the leadership of the Shiv Nadar Foundation has built a distinctive vision for the university with a distinct mission. The following processes are a key part of the management practice at the university to encourage participatory management at all levels in the organization: 1. Information sharing with the employees 2. Training and upskilling of the faculty and staff members 3. Decision-making at the level of department, faculty, and staff within the scope of approved budgets and/or processes 4. Rewards system tied to performance

Case Study: Financial planning and management by way of annual budget preparation exercise The Annual budget preparation illustrates decentralized and participative management. The finance officer delivers a budget preparation form to academic and support services department heads before the start of the financial year. Every academic and non-academic department at the university produces its own budgets, including manpower requirements, after internal talks and planning.

File Description	Documents	
Upload relevant supporting document	<u>View File</u>	
6.2 - Strategy Development and	l Deployment	
6.2.1 - The institutional Strategic	plan is effectively deployed	
league of the top 20 p	The Shiv Nadar Institution of Eminence ispart of the distinguished league of the top 20 public and private institutions empowered to elevate Indian higher education to the global stage.	
	As part of the IoE regulations, Shiv Nadar IoE has laid down plans to achieve the following:	
<ul> <li>to achieve the following:</li> <li>Offering various inter-disciplinary courses-in areas of emerging technology and of relevance to the nation's development concerns</li> <li>Good proportion of foreign or foreign-qualified faculty</li> <li>Good mix of domestic and foreign students</li> <li>Achieve faculty to student ratio of 1:10</li> <li>Laboratory facilities for cutting-edge scientific research; faculty of humanities and social science and other inter- disciplinary areas to be engaged in research and field work in frontier areas using the latest methodologies</li> <li>World-class library with subscriptions to reputed journals</li> <li>Student amenities comparable with that of globally reputed institutions</li> <li>Engaging in applied research &amp; innovation in issues of concern to developing societies</li> <li>Teaching and research collaborations with top-ranked global universities and industry</li> <li>Record of research publications at the mean rate of at least one facultymember each year in reputed peer-reviewed international journals</li> <li>Accreditation by National and International agencies</li> <li>Participation in World Rankings</li> </ul>		
File Description	Documents	
Upload relevant supporting document	<u>View File</u>	

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Higher education institutions (HEIs) are committed to providing high-quality education and are accountable for their social and cultural results. The quality of the faculty and the quality of their working environment, which nurture the spirit of autonomous and critical inquiry, make quality teaching and research feasible. Effective leadership, a favorable working environment, and clearly defined policies and procedures for appointment and service enhance the caliber of instruction and research. In this regard, Shiv Nadar IoEhas developed a robust governance framework over the past decade since its foundation. While each of the four Schools has greater autonomy and accountability, the institution's greatest strength is its joint decision-making process. The academic programs are completely supported by the Offices and Services. The well-defined policies, rules, processes, etc. are readily accessible to faculty, staff, and students via the University intranet.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **6.2.3** - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation	A. All of the above
1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Shiv Nadar IoE provides a clear and methodical framework for reviewing the work of teaching and non-teaching staff positively, including recognizing strong performance, identifying areas for growth, and discussing needs and the support necessary by the

institution. It allows employees to document any barriers or limiting variables that impacted their performance last academic year. Shiv Nadar IoE is committed to providing its employees with a stable and healthy environment with equal opportunity for learning and growth. Some welfare measures are: • An Equal employment opportunity and learning and growth. • Medical Insurance from one of the leading General Insurance Companies for all employees and their dependents (As declared by the employee). • Group Accidental Policy and Group Term Life policy for all employees to give them guaranteed protection in case of any mishappening. • Car Lease Scheme to support employees for smooth commuting • Mobile Reimbursement and Dongle/data card are provided for internet access. • Wedding and Newborn baby gifts. • Maternity Benefit as per Maternity Act. • Paternity Benefit. • 7 Years Reward Scheme for Founding Faculty/members. • Retirement Benefits - Provident Fund and Gratuity. • An opportunity to work after retirement as per UGC guidelines.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

**6.3.2** - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

7	2
1	4

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# **6.3.3** - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

158	
File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institution adheres to financial restraint based on openness, ethics, and integrity, and has embraced best practices from both public universities and corporate governance. The institute's Finance Committee and regulatoryoffices, such as the Finance Officer and the Registrar, play a crucial role in ensuring the optimal usage of system-wide resources and overall fiscal prudence. To improve the sustainability of the University, various strategies and methodologies are being developed, such as increasing the number programs and courses, rationalizing the scholarships given to students, and establishing MoUs with industry (Dell, KPIT Cummins, etc.), academia, and even industry bodies (FICCI, CII, etc.). Other revenue sources could include philanthropic endowments from other organizations, contributions from alumni, to name a few. Researchers are encouraged to apply for projects funded by various governmental & non-governmental agencies. Intellectual property and consulting have become financially sustainable. If used and promoted appropriately, this could contribute to the university's financial sustainability. Human resource is a critical component of a great institution; it involves recruiting and keeping the right students. Once the institution is staffed, its mission will be complete. The system will enable and empower them to support the institution's vision and purpose.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

# 6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

1	1	9	7	0
-		-		<b>U</b>

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.4.4 - Institution conducts internal and external financial audits regularly

The institution and its parent body employ an internal audit team comprised of competent chartered accountants and experienced audit specialists, through which the leadership monitors all expenses and financial resource utilization. As a secondary check, the Shiv Nadar Deemed to University Trustfinance team closely analyses all transactions. This internal audit reviews the university's financial data from the source system regularly and ensures that all records are complete.

The Internal Audit Team checks all the transactions against the set procedures and guidelines under the university policies and ensures legal compliance of records. This exercise results in a quarterly report to the management and trustees. Comments/feedback received are forwarded to Finance Team for corrective action and implementation. The institution's finance office replies to the queries of the internal audit report and updates the processes based on the recommendations made by the internal audit department.

The university has appointed independent accounting firms to conduct a statutory external audit. The university has also appointed KPMG to conduct the GST audit required as per the GST Law.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The Shiv Nadar IoE IQAC conducts Academic Administrative Audits regularly to review current procedures, compare them to national and internationalpeer institutions' best practices, and makerecommendations for new or improving existing procedures.Two such examples are:

1. Comprehensive audit to improve the admission process and ensure regulatory compliance

- Review the systems and processes related to admissions including eligibility, standardized testing, interviews (wherever applicable), selectionof candidates as perpredefined admission criteria
- Review the scholarship/stipends policies and award the same to the candidates selected
- Maintenance of records such as copies of marks sheets, certificates, etc. obtained from selected candidates

2. Benchmarking of Key Performance Indicators (KPIs) with the peer institutions based on

- Employability of graduating students by conducting an annual analysis using the number of jobs offered, number of companies visiting for placement, percentage of students placed, average and median salary offered
- Number of external academics, extra-curricular, and sports awards won by students
- Faculty with doctorate
- Ratio of guest / visiting faculty to assess the participation of industry /academia experts in the teachinglearning process
- International/domestic student ratio
- Doctorate to bachelor (Ph.D. to UG) students' ratio
- Gender ratio on campus and percentage of students from a disadvantaged section of the society

File Description	Documents
Upload relevant supporting document	<u>View File</u>
6.5.2 - Institution has adopted to for Quality assurance Academic Administrative Audit (AAA) and action taken Confernces, Semin Workshops on quality conducted Collaborative quality initiatives other institution(s) Orientation on quality issues for teachers and Participation in NIRF Any other audit recognized by state, natio international agencies (ISO Cen- NBA)	ic nd follow up nars, ed es with a programme nd studens er quality onal or

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting documnent	<u>View File</u>

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

In many areas, Shiv Nadar IoE has seen significant advancements. A few notable accomplishments include:

- The admissions process was streamlined and is now CRM-based
- Streamlining the examination system at the institution through a standing examination committee
- Automation of many important processes like Procurement, Events Management and other data collections for teaching and research
- Research promotion policy and consultancy policy
- A comprehensive Innovation and Entrepreneurship Policy to promote start-ups of employees and students.
- Atal Incubation Center to encourage start-ups culture on campus
- Conduction of periodic feedback surveys from different stakeholders
- Conduction of periodic internal Academic and Administrative Audit
- Introduction of Choice-Based Credit System

- An undergraduate research program was conceptualized and launched
- Various undergraduate Major and Minor programs were launched
- Initiating the Learning and Academic Support System to support slow-paced learners
- Faculty Mentoring System
- Professional Counselling System
- A comprehensive Internationalization strategy was created and is being implemented
- Extension activities were conducted in the neighboring village communities
- Corporate training initiatives have been started and executive training programs have been launched in partnership with a couple of major industry partners
- Career Development Center works with students to make them industry ready

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Shiv Nadar IoE is committed to provide an environment that fosters gender equity and a place of work and study free of gender bias and sexual harassment, intimidation or exploitation.

The Internal Complaints Committee (ICC) also called the 'Gender Committee' has a policy for the Prevention of Sexual Harassment (PoSH) and the responsibility of promoting gender sensitivity and taking action in cases of sexual harassment.

TheGender Champions(GC) Circle also functions to create awareness about gender equity, gender equality, foster understanding, and facilitate interaction between Gender Champions and students. The goal is to establish the institute as a reliable resource for students with gender-related concerns, emphasizing trust and support.

Some of the events organized by ICC and GC Circle are:

Sensitization Session for Students by ICC

The "Thoughtful Thursday" initiative by Gender Champions encourages weekly discussions on gender equity and equality. By fostering meaningful conversations, the movement aims to create systemic change for a stronger and fairer world.

A movie screening of "Super Deluxe," a Tamil neo-noir drama exploring gender fluidity, was organized to combat gender inequality and advocate for women's rights on campus.

In collaboration with theDebating Society, another event aimed at breaking down gender-based barriers by facilitating thoughtprovoking conversations and empowering participants to challenge traditional gender roles. This created a supportive environment to discuss personal and societal implications, encouraging attendees to actively address gender issues in everyday conversations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	<u>1. Annual sensitization programs for</u> <u>gender equality for all employees and</u> <u>third party staff conducted by ICC and</u> <u>Gender Champions</u>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	The institution provides a safe environment by: • Three-layer security at the main gate, inner gate, and buildings. • 24-hour CCTV surveillance at key access points. • An online, biometric system to keep track of the members. • Widely displayed emergency contact information. • Medical facilities including resident doctors, paramedics, a dispensary, and a 24- hour ambulance service. Mentoring and counseling • The faculty helps students choose the correct course, major-minor combination, or specialization within a major, etc. • The university's

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based A. Any 4 or All of the above

# energy conservation Use of LED bulbs/ power-efficient equipment

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The campus has a restrictive use of plastic. Since 2019, plastic waste is being monitored, tracked, and disposed of through green disposal methods. To date, we have achieved a 47% decrease in plastic waste disposal. The waste paper collection and disposal happens through the government-certified recycler who in turn provides recycled paper, paper, and other stationery. We have special contracts and systems in place for the safe disposal of hazardous and medical waste. We undertake extensive documentation of water usage and reuse. We have 500KL sewage treatment plant for reuse of water for irrigation and horticulture. Solar water heaters and a solar power plant of a capacity of 430kwp is installed to transition from complete captive power generation.

File Description	Documents			
Upload relevant supporting document	<u>View File</u>			
7.1.4 - Water conservation facil in the Institution: Rain water h Bore well /Open well recharge of tanks and bunds Waste wate Maintenance of water bodies an system in the campus	arvesting Construction er recycling			
File Description	Documents			
Upload relevant supporting document	<u>View File</u>			
7.1.5 - Green campus initiatives	s include			
7.1.5 - Green campus initiatives 7.1.5.1 - The institutional initiat greening the campus are as foll	tives for A. Any 4 or All of the above			

2. Use of bicycles/ Battery-powered	
vehicles	

- **3.** Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:	Α.	Any	4	or	all	of	the	above	
<ol> <li>Green audit</li> <li>Energy audit</li> <li>Environment audit</li> <li>Clean and green campus recognitions/awards</li> <li>Beyond the campus environmental promotional activities</li> </ol>									

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage	Α.	Any	4	or	all	of	the	above	
including tactile path lights, display boards									
and signposts Assistive technology and									
facilities for persons with disabilities:									
accessible website, screen-reading									
software, mechanized equipment, etc.									
Provision for enquiry and information:									
Human assistance, reader, scribe, soft copies									
of reading materials, screen reading, etc.									

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Shiv Nadar Institution of Eminence, a beacon of unity amidst diversity, is steadfastly committed to fostering an inclusive environment where tolerance and harmony reign supreme. We have a thriving student community, fully residential campus with students from 28 states. The university is a microcosm of India that reflects the country's cultural diversity, talent, and perspectives. Fostering and appreciating the campus's cultural, geographical, linguistic, and ethnic diversity. Embracing the nation's variety and unity, Shiv Nadar IoE hosts and celebrates many events and festivals to honor this diversity.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

At Shiv Nadar Institution of Eminence (Shiv Nadar IoE), there is a strong commitment to sensitizing students and employees to their constitutional obligations, ensuring they understand their rights, duties, and responsibilities as citizens. Recognizing the transformative power of education in shaping responsible individuals, Shiv Nadar IoE has implemented comprehensive programs that instill a deep understanding of constitutional principles.

Specialized Workshops, Seminars, and Lectures

Specialized workshops, seminars, and lectures to enlighten students and employees about the fundamental rights enshrined in the Indian Constitution.

Promoting a Culture of Respect, Tolerance, and Inclusivity

The institution encourages ethical dialogues and debates, creating a vibrant intellectual environment where diverse perspectives are valued and respected.

Integrating Constitutional Education into the Curriculum

By integrating constitutional education into the curriculum, Shiv Nadar IoE empowers students to critically analyze societal issues and contribute positively to the nation's progress. Students gain an understanding of the legal framework that governs Indian society and develop the skills to engage meaningfully in civic life.

Shiv Nadar IoE commemorates various events and days to promote national duty and constitutional requirements. These includeIndependence Day andRepublic Day, students' club activitieslike Feeding India initiative, Giving Tree program, Hackathons for promoting innovation and social impact

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized	All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Shiv Nadar Institution of Eminence (Shiv Nadar IoE) proudly celebrates and organizes a diverse range of national and international commemorative days, events, and festivals, fostering a vibrant and inclusive community that embraces the rich cultural tapestry of India and the world. These celebrations not only honor significant historical milestones and traditions but also provide opportunities for students, faculty, and staff to engage in meaningful dialogue, cultural exchange, and community engagement.

National Festivals and Commemorative Days like Republic Day, Independence Day and other major festivals like Holi, Diwali, Makar Sankranti, Lohri, Pongal to name a few

International Events and Commemorative Days like International Women's Day, Earth Day, International Yoga Day, WorldHealth Day, Mental Health Week. Through these celebrations, SNIOE cultivates a campus environment that embraces diversity, promotes cultural sensitivity, and fosters a sense of global citizenship among its students, faculty, and staff.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Flexibility for Relevance in a Rigorous Undergraduate Curriculum Shiv Nadar Institution of Eminence has developed a unique multidisciplinary curriculum at the undergraduate level to provide students with an unprecedented, well-rounded education by synthesizing a broad and strong multidisciplinary foundation with solid training in their selected discipline. Objectives of the Practice: Such a program aims to help students integrate critical thinking, interpretive skills, scientific research, and normative ideas into their worldview and prepare them for leadership careers in a complicated, dynamic, and unpredictable world disturbed by technology breakthroughs. Context: For example, an engineer can't be an effective problem-solver if she/he doesn't comprehend the context. Thus, an effective well-rounded education has replaced disciplinary silos. Practice: The curriculum is highly customizable so that each student can move through it at his/her own speed. The flexibility was also meant to allow students to change majors over the duration of their initial degree, allowing for mid-career route correction. This flexibility has allowed students to switch majors not only throughout their undergraduate program but also after graduation. This exemplifies the UGC's Choice-Based Credit System. Evidence of success: The university was lauded by the UGC expert committee for having such a flexible curriculum.

### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Through our teaching, research and campus practices, the Shiv Nadar Institution of Eminence contributes significantly to the 17 Sustainable Development Goals. We have a whole array of campus practices which include biodiversity and conservation, water management, energy conservation, solar energy development, food waste management, tree plantations, and much more.

In the Academic year 2022-23, we participated in the Times Higher Education Impact Ranking for the first time.The THE Impact Ranking,ranks universities on Sustainable Development Goals (SDGs). Shiv Nadar IoE was ranked as follows:

For SDG6 (Clean Water and Sanitation) we featured in the top 200 globally. Our score is nearly in top 75% for SDG 6 For SDG7 (Affordable and Clean Energy) we are in the top 300 globally. Our score is nearly in top 75% for SDG 7 For SDG2 (Zero Hunger) we are in the top 400 globally

#### 7.3.2 - Plan of action for the next academic year

Shiv Nadar IoE has set a clear planas per the IoE regulations and our commitment towards the scheme. Some of the defined goals are:

- To recruit the brightest minds and increase the diversity both national and international of the current student body
- Launch new programs for the upcoming Academic Year:Integrated Bachelor of Design-Master of Design' (B.Des-M.Des.)
- To maintain and attract high-caliber academics while keeping in mind diversity and inclusivity
- Promote interdisciplinary research activities through new schemes for faculty and students
- Establish international academic and industry collaborations in the key research areas
- Strategy for implementation of Sustainable Development Goals through teaching, research, our core institutional practices, and partnerships