YEARLY STATUS REPORT - 2021-2022

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   Yes
  campus?

- Phone no./Alternate phone no.   01203819100

- Mobile no   01203819100

- Registered e-mail   registrar@snu.edu.in

- Alternate e-mail address   naveen.babu@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 **naveen.babu@snu.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year) https://snu.edu.in/internal-quality-assurance-cell

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://snu.edu.in/academic-calendar-all

5.Accreditation Details

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/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	Institution of Eminence	Not Applicable	2022	Not Applicable
FACULTY	TECHNOLOGY DEVELOPMENT SCHEME	DST	2020 - 2 YEARS	10998472
FACULTY	RAMALINGASWAMI FELLOWSHIP	DBT	2019 - 5 YEARS	11360000
FACULTY	EARLY CAREER FELLOWESHIP	DBT/WELLCOME TRUST	2022 - 5 YEARS	16867400
DEPARTMENT CHEMISTRY	FIST	DST	2018	18400000
DEPARTMENT LIFESCIENCES	FIST	DST	2018	16200000
DEPARTMENT PHYSICS	FIST	DST	2018	18400000
FACULTY	NATIONAL BIOPHARMA MISSION	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2022	6380000
FACULTY	ICAR	ICAR	2019	6779200

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

- Upload latest notification of formation of IQAC   [View File](#)

9.No. of IQAC meetings held during the year   **2**

- 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)   **Yes**

- (Please upload, minutes of meetings and   View File
  action taken report)

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

- If yes, mention the amount   0

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

Creation of Office of Accreditation &Regulatory Affairs for the purpose of establishing a nodal office for various external reporting and compliance agencies like NIRF, IoE etc.,

Streamlining the process of data collection through automation and master data set.

Practice of weekly meeting to understand and sensitize the importance of data generation from various departments and identification of SPoCs.

Biweekly leadership meeting to take stock of various functions of the University through VC Council consisting of Vice chancellor, Deans and Executive Director

Creating the foundation of the events portal and research repository

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
Development of Master data set for various stake holders	**Master data set was created and one of the item on events at the University has been used for creation of events portal**
Starting of new BTech Program	**Successfully launched with total registration of 128 students for the AY2022**

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

- Name of the statutory body

Name	Date of meeting(s)
second IQAC meeting by circulation to pass the AQAR 2021-22	26/12/2022

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?   No

15.Whether institutional data submitted to AISHE

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
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• University	Deemed
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• Location	Rural
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13.Whether the AQAR was placed before	Yes

statutory body?

- Name of the statutory body

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14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	06/04/2022

16.Multidisciplinary / interdisciplinary

a) Delineate the vision/plan of institution to transform itself into a holistic multidisciplinary institution: 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; with about 40 academic departments offering a range of programs covering undergraduate, postgraduate and doctoral levels. Its curriculum consists of the following components: Component Credit requirement Common Core Curriculum (CCC) At least 18 University-wide electives (UWE) At least 18 Research, Experiential and Applied Learning (REAL) component At least 18 Value, Ethics, leadership, and Service (VELS) component At least 18 Design, Innovation, Skill, Entrepreneurship (DISE) component At least 18 b) Delineate the Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations: This is accomplished in two ways: A)   Through the CCC and UWE requirements, we ensure that every student has an exposure to courses from the humanities and STEM Within the credit structure shown above, we allow students the maximum flexibility possible to combine the humanities, social sciences and STEM. This results in strongly interdisciplinary/multidisciplinary Major-Minor combination across STEM and non-STEM areas Does the institution offer Flexible and innovative curricula that includes credit-based

courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education? Yes. This is accomplished through the following required components of the curriculum. Research, Experiential and Applied Learning (REAL) component: Undergraduates are required to take courses that train them to conduct research, and participate in experiential learning activities such as, internships, volunteer positions or service-learning projects within and outside the university. A highly successful initiative is the mandatory Social Sector internship in the Management Studies program; the semester-long field immersion in the Masters in Rural Management; environment courses which range from our CCC courses mandatory for every student; the SDG-based curriculum in Civil Engineering and many others. Value, Ethics, leadership, and Service (VELS) component: Students must take courses that prepare them for leadership grounded in values, ethics and service to society. These VELS designated courses can be taken as part of electives, as part of the courses taken to fulfil the requirements of a Major or CCC courses. The course catalogue identifies courses that fulfil VELS requirements. Design, Innovation, Skill, Entrepreneurship (DISE) component: These courses can also be combined with courses that fulfil REAL and/or VELS requirements programs. The course catalogue identifies courses that fulfil DISE requirements. d) What is the institutional plan for offering a multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education while maintaining the rigor of learning? Explain with examples. Shiv Nadar has a choice-based system from its inception, and an established lateral admissions policy. Shiv Nadar IoE has admitted students from few private universities in India and from abroad in their middle years of study. For example: Akansh Saraf (2210110132) joined Shiv Nadar IoE in Monsoon 2022 from University of Illinois in his second year of study in B.Tech - Electrical and Computer Engineering. Alabhya Das (1810110316) has exited the university in her third year after completing her degree requirement meant to be completed in four years. We have also registered for the Academic Bank of Credit (section 17 below). e) What are the institutional plans to engage in more multidisciplinary research endeavours to find solutions to society's most pressing issues and challenges? Multidisciplinary/interdisciplinary research is a hallmark of this institution, with a focus on societal challenges. The institution has launched Faculty Grants for Interdisciplinary research (FGIR) scheme with an allocation of INR 1 Crore. f) Describe any good practice/s of the institution to promote

Multidisciplinary / interdisciplinary approach in view of NEP 2020. · Interdisciplinary research grant scheme mentioned above · The common core curriculum (CCC) as described in Section 16 above · Major-Minor combinations across disciplines · Fully interdisciplinary programs such as Water Science &Policy; Rural Management; Design, Tech MBA etc. The Opportunities for Undergraduate Research (OUR) program which allows students from any discipline to work with a faculty from any discipline on a mutually agreed on topics.

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:

At least 18 credits of skill and entrepreneurship courses are mandatory for every student (the DISE component above). Internships, field visits, value added courses etc., 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, dedicated faculty on roles as professors of practice etc., 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

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

Shiv Nadar IoE offers around 24 courses related to India that includes Indian history, Hindustani music, Indian food, ancient maths etc.,. Examples: CCC101   Mathematics in India CCC102   Indian Art and Civilization CCC104   The Harappan Civilization CCC105   Texts & Traditions in Indian H CCC111   India and World War One CCC113   Folk and Popular

Music in Ind CCC114   Food, Language and Indian Hist
CCC115   Modern Indian Gurus... CCC116   The Mauryan Empire
CCC202   An Intro. To A History CCC228   The Nation and
Nationalism CCC238   The Wisdom of Upanishads CCC302
Literature , Identity & Theatre CCC302   Literature , Identity
& Theatre 2 CCC311   Hindustani Classical Music - 1
CCC312   Hindustani Classical Music II CCC314   Poetry
Appreciation CCC324   Folk and Popular Music in India
CCC329   The Mahabharata CCC334   A Historical Study of
Indian Music CCC336   A Historicak.Study of Ind. Music II
CCC502   Dance with a Mind of Your Own DES506   Art and
craft Culture of India HIS202 Ancient Indian Social History

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

Describe the institutional initiatives to transform its
curriculum towards Outcome based Education (OBE)? Our curriculum
is aligned with OBE from the inception. Our course proposal form
and syllabi template require the outcomes to be stated for
courses to be approved. However, there are some inconsistencies
across disciplines which we are currently addressing as an
outcome of the NAAC academic audit process. Explain the efforts
made by the institution to capture the Outcome based education in
teaching and learning practices. Examples of pedagogies aligned
to OBE: Pedagogies that build the (two-way) theory-to-practice
connection Shiv Nadar has one of the most extensive research
infrastructures in the country The state-of-the-art, 63000 square
feet Research Block houses major equipment and facilities for
research. In addition, it has extensive design studios, art
studios, an archaeology lab, data labs and much more (155 labs
and growing) Internships and practicum We have many internships
in business and social sectors. Some programs have internships as
a mandatory component. Project work The 4th year of UG curriculum
in all disciplines is 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' – campus-based projects The university's 286-acre
green and exceptionally biodiverse campus which is used for a
wide array of projects Describe any good practice/s of the
institution pertaining to the Outcome based education (OBE) in
view of NEP 2020. Some examples of how our curriculum pertains to
OBE: Component of curriculum Graduate attributes Major
Disciplinary knowledge Common core curriculum Interdisciplinary
thinking, historical understanding, reflective learning, digital
skills, environmental awareness Research, Experiential and

Applied Learning (REAL) component Critical and analytical
thinking, research capabilities Value, Ethics, leadership, and
Service (VELS) component Leadership; Moral and ethical
awareness/reasoning; autonomy, responsibility, and accountability
Design, Innovation, Skill, Entrepreneurship (DISE) component
Entrepreneurship, collaboration, self-directed learning

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 Number of programmes offered during the year:	**43**

File Description	Documents
Data Template	[View File](#)

1.2 Number of departments offering academic programmes	**18**

2.Student

2.1 Number of students during the year	**2906**

File Description	Documents
Data Template	[View File](#)

2.2 Number of outgoing / final year students during the year:	**449**

File Description	Documents
Data Template	View File

2.3	**2839**
Number of students appeared in the University examination during the year	

File Description	Documents
Data Template	View File

2.4	**58**
Number of revaluation applications during the year	

3.Academic

3.1	**832**
Number of courses in all Programmes during the year	

File Description	Documents
Data Template	View File

3.2	**248**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.3	**31**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**11717**
Number of eligible applications received for admissions to all the Programmes during the year	

File Description	Documents
Data Template	**View File**

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**148**

File Description	Documents
Data Template	**View File**

4.3 Total number of classrooms and seminar halls	**59**
4.4 Total number of computers in the campus for academic purpose	**1400**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**13013**

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 Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Framework: The University's vision is to contribute "to the betterment of the world; to serve the higher education needs of the global community," and the mission is to evolve "research and teaching programs that tackle the most pressing problems of the global community." The curricula developed by the University fully align with the stated vision and mission, and contain the following types of components:

Experiential Learning: Research, design, practicums, cooperative education, 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. Allowing students to transcend disciplinary barriers is a paramount example of the CBCS of the UGC.

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. The Water Science & Policy curriculum created for the post-graduate program displays the university's ability to foster "Societal Impact through Science-Driven Policy Making" and the advantages of interdisciplinary advantage.

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	[View File](#)

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

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

794

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

129

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

31

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 instil a 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	View File

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1545

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

885

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.4 - Feedback System

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

- **All 4 of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

1.4.2 - Feedback processes of the institution may be classified as follows

- **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload relevant supporting document	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

715

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, 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

251

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

Prior to the official start of their first semester, entering undergraduate students participate in a specifically tailored orientation program at the university that includes 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 differ 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	View File
Link For Additional Information	Nil

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2906	248

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving 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 cutting-edge 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	View File

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

Yes, for efficient teaching and learning, the faculty at Shiv
Nadar Institution of Eminence uses ICT-enabled resources including
tablets, presentations, and audio-video applications. For online
instruction, the institution also makes use of tools like MS
Teams, Blackboard, Lecture Capture, Google Meet, etc. You can find
additional information by clicking the link provided below:

https://edures.webapps.snu.edu.in/

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

133

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

248

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

232

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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

1439

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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

`0`

File Description	Documents
Upload relevant supporting document	No File Uploaded

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	View File

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
Upload the data template	View File
Upload relevant supporting document	View File

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 of students 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	[View File](#)

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 in-class 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	View File

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

448

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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://drive.google.com/file/d/1se7qxsxXx_ZhaCgBVQvl6fAHfZCTbnpX/view?usp=sharing

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

Yes, the institution regularly updates its research facilities, and it has a well-defined policy for promoting research that is posted to the institution's website and put into practice.

Shiv Nadar University has well-defined policies to perform research which may be individual research or inter or multidisciplinary research. Shiv Nadar University has the following research-enabling policies:

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

248

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

32

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

344

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 4 or more of the above`

File Description	Documents
Upload relevant supporting document	[View File](#)

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

`18`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

`41`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

`1930`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1.2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 Centre at Shiv Nadar IoE has received a grant from the Atal Innovation Mission, NITI Aayog, totaling Rs 8.8 crore over five years. Atal Innovation Mission already made the first payment of Rs 2.28 crore in November 2017. Since then, it has been in operation with the goal of fostering an entrepreneurial culture at the campus through innovation and execution, utilizing cutting-edge technology and business expertise, to create jobs and have a positive impact on people's lives.

The amenities at Atal Incubation Center include Coworking spaces, conference rooms, Wi-Fi, etc. Mentors provide guidance to selected incubators on establishing proof of concept, determining product-market fit, creating a business model, addressing scaling-up difficulties, and preparing an investor pitch.

Some of the Events are as under:

1. The Game Changers: a pitch-up competition for students to showcase their business idea. This a unique opportunity to view a culturally sensitive start-up community within the campus.
2. MOQSH: MOQSH stands for marketing, operations, quiz, strategy, and HR. The intellectuals from various business

> schools across the country participate in various simulation-oriented and management-driven events.
> 3. AIC Information session: to elaborate on AIC's objective of creating & sustaining Entrepreneurship.
> 4. Shiv Nadar University- AIC Venture Challenge 1.0: A Nationwide Business Plan-based competition for evaluating entrepreneurial talent. This competition aims at identifying and selecting promising start-ups and ideas for induction into AIC.
> 5. Think Tank: Think Tank is a motivational session, giving a lot of students, extrinsic motivators to shed their inhibitions and let their entrepreneurial spirit shine.

File Description	Documents
Upload relevant supporting document	View File

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

116

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

116

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - 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

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	[View File](#)

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   D. Any 1 of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

26

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1.51

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

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

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS   **E. None of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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
14.3	**Nil**

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
34	**Nil**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
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. The link for the same is given below. https://snulinks.snu.edu.in/snuPolicies/uploads/SNU%20Policies%20and%20Procedures/8.Research%20Office%20Documents/Consultancy/SNU%20Consulting%20Guidelines%20and%20Application%20form.pdf

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

14.23

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6 - Extension Activities

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 Institution of Eminence teaches students values, ethics, leadership, and service to make them good Indian and global citizens. Thus, many curricular and extracurricular projects have fostered a service-learning culture among its students.

Some key initiatives for extension activities undertaken by the university community are:

1. **Skill training and development of local youth – the university has trained and employed the families and wards of the workforce who come from the adjoining localities in the areas of security, housekeeping, maintenance, hospitality, etc.**
2. **Biodiversity documentation and preservation – Many initiatives are being taken by the environmental sciences faculty involving students to document and help preserve the rich flora and fauna in and around the campus.**
3. **Volunteering for cleaning the lake on campus**
4. **Swachh Bharat volunteering – recently the university students won the best intern award under the Swachh Bharat scheme**
5. **Volunteering for VidyaGyan Leadership Academy - VidyaGyan is the academy for the economically underprivileged meritorious students of rural India. Shiv Nadar IoE students volunteer to interact with them on various issues including Communication, Ethics/Leadership, Science/Critical Thinking, Career Counselling, Mentorship, etc.**
6. **Shiv Nadar IoE students volunteer with 'Shiksha' to address the quality of K-12 education and adult literacy. Through technology-enabled learning, it seeks to improve the**

educational process. It regularly hosts students as interns.

Additionally, students have a vibrant volunteer organization called AURA that promotes the general development of the village kids in the nearby communities.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

99

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 entirely 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 world-class 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, world-class 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 LCD TVs 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	[View File]()

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 student sports council 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 – 1
- Cricket Practicing Nets – 2 Nos.
- Football Field – 1
- Volleyball Courts – 2 Nos.

Besides, SNU has an open-air Chess Garden - an outdoor Chess Board with 4 feet high chessmen.

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.3 - Availability of general campus facilities and overall ambience

Residential Life

The 286-acre residential campus is home to over 3000 plus

students, and 500 plus faculty, and staff members. The campus features cafes, food stores, a medical facility, an indoor sports complex, a student activity center, a central library, a post office, a saloon, and an internal bank with two ATMs. Shiv Nadar IOE's cutting-edge facilities and natural scenery are ideal for learning and growth.

- Housing Facilities - The SNU residential student residences are modern and gender-specific.
- Shuttle Services - The campusoffers employees and students weekend transportation to the city and adjacent regions.
- Safety & Security - The institutionis constantly patrolled by security personnelwith high-definition CCTV cameras.
- Dining - The three sizable dining halls (DH 1, 2 & 3) offer a wide range of culinary pleasures.
- Health and Wellness Centre - The medical facility includes a General and an Emergency ward.
- Unisex Gym containing basic & advanced equipment, free weights, and aerobic equipment.
- ATM &Banking facilities - HDFC Bank operates an ATM on campus.
- India Post Office @ the University - Shiv Nadar IoE has a Post Office with its PIN code.
- Shopping Arcade - itis a campus market having a grocery store, book and stationery store, bicycle repair shop, tailor, bakery, and University brand store.
- Unisex Salon on campus with trained and courteous employees.
- Outsourced laundry services.

A multi-facility In house club in the residential complex with sports infrastructure like a Swimming pool, Badminton court, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

9,334

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2 - Library as a Learning Resource

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

The university's Central library combines contemporary and the outdoors. It offers books, professional and scientific publications, and updated electronic reference materials. Library and information centre divisions include reference, circulation, audio-visual, periodicals, book bank, digital library, and student reprographics. The library has solitary and group study places, including video-conferencing and multimedia rooms. Through http://library.snu.edu.in, library users can access 11435 electronic journals, 20 online databases, and 169 institutional repositories. VPN allows remote access to all e-resources and campus LAN. OPAC/Web OPAC is the main library access resource.

The open-source Koha library management system gives instructors and students access to online publications.

Name of the ILMS software – KOHA Nature of automation (fully or partially)– Fully Version– 3.08.01.002 Year of automation– 2011–12

The university library is also a member of various consortiums, professional organizations, and academic societies, including E-Shodhsindhu, 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.

Some of the key highlights of the Shiv Nadar IoE library are:

1. Centrally air-conditioned.
2. Free WI-FI, internet access, free download, printout facility, and Reprography services.
3. Library staff is available at the helpdesk.
4. New arrivals display section.
5. A children's collection.
6. Inter-Library Loan service through DELNET.
7. Staff and student publication collection.
8. Amenities such as drinking water, restrooms, and a

cafeteria.

Users' orientation program is conducted for students and staff throughout the year.

File Description	Documents
Upload relevant supporting document	View File

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	View File

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

779

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

3900

File Description	Documents
Upload relevant supporting document	View File

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

61

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

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

Shiv Nadar Institution of Eminence has 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)**

Classrooms

- **Classrooms in SNU are equipped with Projectors and projection screens**
- **Large Classrooms are equipped with Sound Systems.**

The University also has Smart Classrooms, Virtual Classrooms, and a Lecture capture facility. The lecture capture solution provides a powerful and stable video learning platform equipped with rich features and high-quality video capabilities.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2492	**1567**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

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 softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

12254

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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.

Introduction

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. To ensure 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, air-conditioning system, UPS, water supply cleanliness, etc is maintained by the maintenance team/respective AMC agencies. The lab equipment is maintained by equipment manufacturers/third-party/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 SNU sports committee's maintenance staff is in charge of all the sporting goods.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

1454

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

973

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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) Awareness of trends in technology   **A. All of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

- **All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

21

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

248

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

65

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Shiv Nadar Institution of Eminence (Shiv Nadar IoE) is a student-centric educational establishment that works with student representatives to administer academic and extracurricular activities on campus in an effective manner.

Shiv Nadar IoE allows for student council elections following the Lyngdoh Committee recommendations. The Student Council is governed by a written constitution 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 the students. It is further divided into nine committees. This council body has the authority to legislate or revoke any resolution in order to preserve a positive academic, intellectual, and cultural atmosphere at the university.

The President, the Vice-President, and fourteen secretaries representing various portfolios make up the Executive Cabinet. Office Bearers is the collective term for the President, Vice-President, Cultural Secretary, and Sports Secretary. They represent the student fraternity on and off campus.

The Council body regulates all the clubs, societies, etc. for the intra-university as well as inter-university festivals. It further has anadequate representation in numerous important statutory and non-statutory committees.

File Description	Documents
Upload relevant supporting document	View File

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

22

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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. By increasing their involvement alumni help the

institution to grow and upgrade its position in the world.

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 too.

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 come to campus year-round and offer advice to current students on a variety of topics, enabling them to follow their aspirations.

File Description	Documents
Upload relevant supporting document	[View File](#)

5.4.2 - Alumni contribution during the year (INR in Lakhs)   A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	[View File](#)

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 EminenceDeemed 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 University institution is governed by the Court,the Executive Council, and the Academic Council (the Governing Body, the Board of Management, and the Academic Council under Shiv Nadar IoE), and has various supporting Committees.

The following are the 'Authorities' of the University/Institution as per the Statutes/Rules & By-Laws (relevant part given in the attached file):

Till August 03, 2022 (Under Shiv Nadar University)

1. Court

2. Executive Council

3. Academic Council

4. Asset Management Committee

5. Finance Committee

6. Planning Board

7. Nomination Committee

8. Board of Faculty

9. Admission Committees

10. Examination Committee

11. Disciplinary Committee

12. Proctoral Board.

After August 03, 2022 (Under Shiv Nadar IoE)

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	[View File](#)

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 university's annual budget preparation illustrates decentralized and participative management. The university finance officer delivers a budget preparation form to academic and support services department heads every third quarter. Every academic and non-academic department at the university produces its own budgets, including manpower requirements, after internal talks and planning.

University finance and HR representatives meet with each department to discuss costs line by line. Final approval is given by the Executive Council followed by Management Board, and Board of Trustees. After the budget is approved, departments can allocate monies based on the university's internal approval procedures and financial matrices.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

On March 16, 2021,Shiv Nadar University, Delhi-NCR had signed an MoU with the Ministry of Education (MoE), for being an Institution of Eminence (which was later notified onAugust 3, 2022).As part of this process, MoU included a detailed 15 year plan to achieve the IoE mandate. This plan is taken as the overarching institutional plan and deployed accordingly. It includes targets for faculty and student recruitment, new program development, research metrics, international partnerships and social impact measures.

The core elements of the plan are embraced by the Deans and formulated into their annual execution plan, and on that basis the annual budget is developed. The administrative departments heads also follow a similar process.

At the Faculty Development Programme before the beginning of the academic year, the VC shared the IOE mandate with the faculty. A townhall was held to receive feedback from the faculty. Accordingly, steps were taken by the university to address faculty needs and ensure the realization of the IOE mandate.

At the end of the year, each dean submits a report to the VC regarding the advancement of the plan. Faculty and staff go through a rigorous annual appraisal mechanism as well.

File Description	Documents
Upload relevant supporting document	[View File]()

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.

The University operates within the parameters established by Statutory entities such as the Court, Academic Council, and Executive Council. The Executive Council regulates and determines all matters about the University in accordance with the Act, Statutes, Ordinances, and Regulations of the University, while the Academic Council is responsible for maintaining standards of instruction, education, and examination within the University. The Court provides essential advice to the Chancellor on any case presented by the Chancellor, providing that the functions are consistent with the provisions of the University's Act and Statutes, while the Shiv Nadar Foundation is the supporting body of the University.

In this regard, Shiv Nadar IoE, Delhi-NCR has 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 academicprograms 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	View File

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	View File
Upload relevant supporting document	View File

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 and constructively, 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. It also ensures that the institution's administration makes proper annual Performance-Based Salary Enhancement decisions (PBSE). Consequently, it increases the institute's personnel advancement decision-making predictability and fairness.

Shiv Nadar IoE is committed to providing its employees with a stable and healthy environment with equal opportunity for learning and growth. Following are the welfare schemes run by the university:

- 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.
- University Lease Accommodation Scheme for faculty residing outside the campus.
- Car Lease Scheme to support employees acquire a vehicle for smooth commuting, both for official and personal usage.
- Mobile Reimbursement and Dongle/data card are provided for internet access.
- Wedding and Newborn baby gifts.
- Maternity Benefit as per Maternity Act.
- Paternity Benefit.
- Transport Allowance.
- 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	[View File](#)

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

123

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

18

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

98

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

6.4 - Financial Management and Resource Mobilization

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

Under the Shiv Nadar University Act, 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 statutory offices, such as the Executive Director, Finance and

Operations, 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 financial sustainability of the University, various strategies and methodologies are being developed, such as contributions from alumni, increased consultancy projects, external research funding etc. Partnerships with industry of various kinds are also being pursued to this effect.

File Description	Documents
Upload relevant supporting document	View File

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)

7686

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 Foundation's finance 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 one of the Big Four accounting firms to conduct a statutory external audit. PricewaterhouseCoopers (PwC) was the external auditor for the duration of FY 2013 to 2017 and KPMG has recently taken over from PwC. The university has also appointed KPMG to conduct the GST audit required as per the GST Law.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 regularly conducts Academic Administrative Audits to review current procedures, compare them to peer institutions' best practices as documented and published by NAAC and international best practices, and make recommendations to improve or establish new systems and procedures.

Two such examples are:

1. Comprehensive audit to improve the admission process

   • Review admissions processes, including eligibility requirements, standardised testing, interviews (if applicable), selection list preparation, and candidate approval based on predefined admission criteria.
   • Review scholarship/stipend policies and award the chosen

candidates.

- Process improvements and online maintenance of candidate records like marks sheets, certificates, etc.
- Ensure the statutory compliances related to the admission process.

The IQAC meeting discusses the audit committee's findings and responses. The audit committee's findings ensure that quality assurance strategies are evaluated and implemented.

1. Benchmarking of Key Performance Indicators (KPIs) with the peer institutions

The internal audit committee has developed some parameters that the Key Performance Indicators (KPI)/Parameter are based on, and constant monitoring is done on the following KPIs:

- Employability of graduating students by annually analysing job offers, company visits, percentage of students placed, average and median salary offered, etc..
- Number of external academic, extra-curricular, and sports awards won by students
- International/domestic student ratio
- Doctorate to bachelor (Ph.D. to UG) students' ratio
- Faculty with the doctorate
- Research/ grants /extramural funding and industry income from the patent, technology transfers, etc.
- International collaboration and publications
- Gender ratio on campus and percentage of students from a disadvantaged section of the society

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or

A. Any 5 or all of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting documnent	[View File]

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:

- Creation of a Repository of Academic Resources by partnering with NPTEL
- Streamlining the examination system at the institution through a standing examination committee
- Data collection for NIRF Rankings – the university is the youngest in India to feature in the top 100 rank.
- A comprehensive Research Promotion Policy has been created and is available on the website
- Conduction of periodic feedback surveys from different stakeholders
- Conduction of periodic internal Academic and Administrative Audit
- Introduction of Choice-Based Credit System
- 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 – do we have this?
- Program outcomes and course outcomes templates were designed and implemented across the university
- IT systems and processes such as LMS, ERP, and various online applications were designed and developed
- Extension activities were conducted in the neighboring village communities
- A consultancy policy was created, and faculty members are encouraged to take up projects corporate training initiatives have been started and executive training programs have been launched in partnership with a couple of major industry partners
- An undergraduate research program has been conceptualized

and launched
- Various undergraduate Major and Minor programs have been launched
- The university has started Atal Incubation Center to encourage start-ups culture on campus
- Career Development Center works with students to make them industry ready
- The admissions process was streamlined and is now CRM based

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The University 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) on campus. The policy was revised on 8 November 2021. The responsibility of promoting gender sensitivity and taking action in cases of sexual harassment also lies with the ICC.

The Committee held regular meetings throughout the year and organized many workshops on gender sensitization for students, faculty, staff and contractual staff members. As part of these efforts, it adopted Oxford University's online course "Consent Matters". The Committee was reconstituted in May 2022.

The main events on gender sensitization during the year are provided below:

- Session for new students on 16 August 2021 and had a participation of 300 students
- ICC undergraduate student interactions: Volunteers of ICC conducted discussions and interviews (online) during August-September 2021
- Session for MBA students organized on 29 September, 2021 had a participation of 28 students
- Conducted 10 mandatory sessions on 13 and 14 November, 2021 that had 400 participants
- Session for third party staff was organized on 23 July 2022

that had an attendance of 97 staff members

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	1. Annual sensitization programs for gendar equality, 2. Workshops on Importance of safety and secure environment, 3. Proposal for new courses on ICC
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	A.Gendar sensitisation cell, b. Day care centre, c. Cab facilities for women employees, d. Women security, e. Wellness centre

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 energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

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

Shiv Nadar Institution of Eminenceminimizes garbage in several ways. The university fosters an eco-friendly lifestyle for all incollaboration with environmental regulators/contractors and isdevoted to preserving the natural world.

Solid waste management:

- **The stationary, cardboard packing, etc. are disposed of byGreen-o-Tech India.**
- **The construction-generated waste material is diverted to landfills.**

- The university has a 200 kg/day Organic Waste Compactor to transform food waste into organic manure.

Liquid waste management:

- The Sewage Treatment Planttreats sewage waste.
- 650KLD is implemented in two locations. The 500KLD modular plant treats academic and hostel wastewater, while the 150KLD plant serves faculty-dwelling wastewater.
- The unit uses MBR technology to treat wastewater.

Biomedical waste management:

- The institution contracts the two authorized vendors, 'Bharat Oil and Waste Management Limited' and 'Synergy Lab Waste Management Limited' to handle the biomedical waste.

E-waste management

- The E-waste mainly consists of used printers, cartages, etc. They are disposed of by the aforementioned contractors.

Hazardous chemicals and radioactive waste management

- The contractors collect trash from life sciences and chemical labs to treat hazardous substances and radioactive waste.

Feminine hygiene waste management

- A specialized vendor has been hired to dispose of feminine hygiene waste periodically.

File Description	Documents
Upload relevant supporting document	[View File]()

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
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	[View File](#)

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:

A. Any 4 or all of the above

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	[View File](#)

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 including tactile path lights, display boards and signposts Assistive technology and

A. Any 4 or all of the above

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	[View File](#)

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 appreciates the campus's cultural, geographical, linguistic, and ethnic diversity. Although there are worries about moral standards eroding and intolerance rising among the communities, castes, and groups that make up our magnificent nation, the institution embraces the nation's variety and unity. This is demonstrated by the members' passion for and involvement in the various events planned to honor this diversity.

Diwali Celebrations

Diwali represents the triumph of light over darkness, knowledge over ignorance, and the value of knowledge, self-inquiry, and self-improvement. The lighting of diyas and heartfelt dance lets people search through and know themselves. On campus, various Diwali events are organized and the celebration is enthusiastically observed.

Lohri, Pongal and Makar Sankranti Celebrations

Lohri and Pongal commemorate the passing of the winter solstice and the starting of the Sun begins its journey to the Northern Hemisphere. This movement is traditionally called Uttarayana. These festivals are celebrated with great fervor too.

Holi

The coming of spring is celebrated with the festival of Holi. The institution's community celebrates Holi by smearing color and

losing ourselves to the beat.

International women's day

Celebrated on the 8th of March every year, IWD 2022 saw the campaign theme of#BreakTheBias forged by millions worldwide. Shiv Nadar IoE, through various programs & competitions, conveyed the importance. Creative writing competition on the theme 'Inspiring Women's Skills for a Better World' was hosted which further witnessed students inking their thoughts on paper pouringheartfelt writings.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Shiv Nadar Institution of Eminence stresses Value, Ethics, Leadership, and Service (VELS) as the philosophical and moral foundation for student and staff success.The university commemorates many events and days and promotes national duty and constitutional requirements.

Independence Day Celebrations

On August 15, 2022, Shiv Nadar IoE celebrated India's 76th Independence day. Vice-chancellor Ms. Ananya Mukherjee presided over the flag-raising ceremony, which was followed by faculty and student cultural events.

Engineers Day Celebrations

HonoringBharat Ratna Sir Mokshagundam Visvesvaraya, Shiv Nadar IoE celebrated Engineer's Day on September 15. Afew webinars were organized for engineering students.

Republic Day Celebrations

At Shiv Nadar Institution of Eminence, 73rd Republic Day was celebrated with fervor. Dr. Rupamanjari Ghosh, VC of Shiv Nadar

IoE, hosted the flag, and the campus residentsperformed cultural events.

World Environment Day

Shiv Nadar Institution of Eminence, Delhi NCR hosted the 5 June webinar. Go Green and Sheetal Prathom Aahaar Society (SPAS) conducted a World Environment Day event at 4 pm on Ecosystem Restoration.

Feeding India

The clubsof Shiv Nadar IoE organized a food drive on campus. Donation slips were collected from all dining halls on August 31 tofeed campus gardeners and construction employees.

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	[View File](#)

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

Events are a crucial component of any institution, and ours is no exception.Our students, instructors, and staff come from many walks of life, so we celebrate to build our bonds.

International Yoga Day

Since 2015, International Yoga Day has highlighted yoga's health benefits. On this day, the Shiv Nadar IoE physical education department organizes group yoga.

Independence Day

Independence Day celebrates independence from British authority. The institution celebrates Independence Day by displaying the Flag, holding cultural programs, and distributing sweets to honor our liberation heroes and martyrs.

Diwali

Diwali highlights the importance of learning and self-reflection.The members celebrateby dressing in traditional clothing, lighting diyas, and dancing the night away.

Lohri/Pongal

These festivals are traditionally dedicated to the sun deity Surya and symbolizeUttarayana. Shiv Nadar IoE celebrates the new harvest with a bonfire, music, and dance.

Republic Day

Republic Day honors India's constitution. For Republic Day, a flag-raising ceremony is held at the SNU flag post, followed by cultural events and sweets distribution.

Holi

Holi, announcing the spring arrival, celebrates good over evil with music and colors. The memberscelebrateHoli by dousing themselves in color and letting go of negative energy.

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 Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Framework: The University's vision is to contribute "to the betterment of the world; to serve the higher education needs of the global community," and the mission is to evolve "research and teaching programs that tackle the most pressing problems of the global community." The curricula developed by the University fully align with the stated vision and mission, and contain the following types of components:

Experiential Learning: Research, design, practicums, cooperative education, 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. Allowing students to transcend disciplinary barriers is a paramount example of the CBCS of the UGC.

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. The Water Science & Policy curriculum created for the post-graduate program displays the university's ability to foster "Societal Impact through Science-Driven Policy Making" and the advantages of interdisciplinary advantage.

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	[View File](#)

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

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

794

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

129

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

31

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 instil a 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	[View File](#)

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1545

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

885

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.4 - Feedback System

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

File Description	Documents
Upload relevant supporting document	[View File](#)

1.4.2 - Feedback processes of the institution may be classified as follows	• **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload relevant supporting document	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

715

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, 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

251

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.2 - Catering to Student Diversity

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

Prior to the official start of their first semester, entering undergraduate students participate in a specifically tailored orientation program at the university that includes 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 differ 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	[View File](#)
Link For Additional Information	Nil

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2906	248

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving 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 cutting-edge 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	View File

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

Yes, for efficient teaching and learning, the faculty at Shiv Nadar Institution of Eminence uses ICT-enabled resources including tablets, presentations, and audio-video applications. For online instruction, the institution also makes use of tools like MS Teams, Blackboard, Lecture Capture, Google Meet, etc. You can find additional information by clicking the link provided below:

https://edures.webapps.snu.edu.in/

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

133

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

248

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

232

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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

1439

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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

0

File Description	Documents
Upload relevant supporting document	No File Uploaded

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	View File

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
Upload the data template	View File
Upload relevant supporting document	View File

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 of students 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	[View File](#)

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 in-class 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	[View File](#)

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

448

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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://drive.google.com/file/d/1se7qxsxXx_ZhaCgBVQvl6fAHfZCTbnpX/view?usp=sharing

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

Yes, the institution regularly updates its research facilities, and it has a well-defined policy for promoting research that is posted to the institution's website and put into practice.

Shiv Nadar University has well-defined policies to perform research which may be individual research or inter or multidisciplinary research. Shiv Nadar University has the following research-enabling policies:

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**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

248

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

32

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

344

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media	A. Any 4 or more of the above

laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

File Description	Documents
Upload relevant supporting document	[View File](#)

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

18

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

41

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1930

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1.2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 Centre at Shiv Nadar IoE has received a grant from the Atal Innovation Mission, NITI Aayog, totaling Rs 8.8 crore over five years. Atal Innovation Mission already made the first payment of Rs 2.28 crore in November 2017. Since then, it has been in operation with the goal of fostering an entrepreneurial culture at the campus through innovation and execution, utilizing cutting-edge technology and business expertise, to create jobs and have a positive impact on people's lives.

The amenities at Atal Incubation Center include Coworking spaces, conference rooms, Wi-Fi, etc. Mentors provide guidance to selected incubators on establishing proof of concept, determining product-market fit, creating a business model, addressing scaling-up difficulties, and preparing an investor pitch.

Some of the Events are as under:

1. The Game Changers: a pitch-up competition for students to showcase their business idea. This a unique opportunity to view a culturally sensitive start-up community within the campus.
2. MOQSH: MOQSH stands for marketing, operations, quiz, strategy, and HR. The intellectuals from various business schools across the country participate in various simulation-oriented and management-driven events.
3. AIC Information session: to elaborate on AIC's objective of creating & sustaining Entrepreneurship.
4. Shiv Nadar University- AIC Venture Challenge 1.0: A Nationwide Business Plan-based competition for evaluating entrepreneurial talent. This competition aims at identifying and selecting promising start-ups and ideas for induction into AIC.
5. Think Tank: Think Tank is a motivational session, giving

a lot of students, extrinsic motivators to shed their inhibitions and let their entrepreneurial spirit shine.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

116

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

116

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

23

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. Inclusion of research ethics in the research methodology course work	**A. All of the above**

2. **Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
3. **Plagiarism check**
4. **Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

`D. Any 1 of the above`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

`1`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

`26`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1.51

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

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

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	**E. None of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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
14.3	**Nil**

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
34	**Nil**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	*View File*
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. The link for the same is given below. https://snulinks.snu.edu.in/snuPolicies/uploads/SNU%20Policies%20and%20Procedures/8.Research%20Office%20Documents/Consultancy/SNU%20Consulting%20Guidelines%20and%20Application%20form.pdf

File Description	Documents
Upload relevant supporting document	*View File*

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)

14.23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

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 Institution of Eminence teaches students values, ethics, leadership, and service to make them good Indian and global citizens. Thus, many curricular and extracurricular projects have fostered a service-learning culture among its students.

Some key initiatives for extension activities undertaken by the university community are:

1. Skill training and development of local youth – the university has trained and employed the families and wards of the workforce who come from the adjoining localities in the areas of security, housekeeping, maintenance, hospitality, etc.
2. Biodiversity documentation and preservation – Many initiatives are being taken by the environmental sciences faculty involving students to document and help preserve the rich flora and fauna in and around the campus.
3. Volunteering for cleaning the lake on campus
4. Swachh Bharat volunteering – recently the university students won the best intern award under the Swachh Bharat scheme
5. Volunteering for VidyaGyan Leadership Academy - VidyaGyan is the academy for the economically underprivileged meritorious students of rural India. Shiv Nadar IoE students volunteer to interact with them on various issues including Communication, Ethics/Leadership, Science/Critical Thinking, Career Counselling, Mentorship, etc.
6. Shiv Nadar IoE students volunteer with 'Shiksha' to address the quality of K-12 education and adult literacy. Through technology-enabled learning, it seeks to improve the educational process. It regularly hosts students as

> interns.
>
> Additionally, students have a vibrant volunteer organization
> called AURA that promotes the general development of the
> village kids in the nearby communities.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

99

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 entirely 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 world-class 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, world-class 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 LCD TVs 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, CO_2 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	[View File](#)

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 student sports council 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 – 1
- Cricket Practicing Nets – 2 Nos.
- Football Field – 1
- Volleyball Courts – 2 Nos.

Besides, SNU has an open-air Chess Garden - an outdoor Chess Board with 4 feet high chessmen.

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.3 - Availability of general campus facilities and overall ambience

Residential Life

The 286-acre residential campus is home to over 3000 plus students, and 500 plus faculty, and staff members. The campus features cafes, food stores, a medical facility, an indoor sports complex, a student activity center, a central library, a post office, a saloon, and an internal bank with two ATMs. Shiv Nadar IOE's cutting-edge facilities and natural scenery are ideal for learning and growth.

- Housing Facilities - The SNU residential student residences are modern and gender-specific.
- Shuttle Services - The campusoffers employees and students weekend transportation to the city and adjacent regions.
- Safety & Security - The institutionis constantly patrolled by security personnelwith high-definition CCTV cameras.
- Dining - The three sizable dining halls (DH 1, 2 & 3) offer a wide range of culinary pleasures.
- Health and Wellness Centre - The medical facility includes a General and an Emergency ward.
- Unisex Gym containing basic & advanced equipment, free weights, and aerobic equipment.
- ATM &Banking facilities - HDFC Bank operates an ATM on campus.
- India Post Office @ the University - Shiv Nadar IoE has a Post Office with its PIN code.
- Shopping Arcade - itis a campus market having a grocery store, book and stationery store, bicycle repair shop, tailor, bakery, and University brand store.
- Unisex Salon on campus with trained and courteous employees.
- Outsourced laundry services.

A multi-facility In house club in the residential complex with sports infrastructure like a Swimming pool, Badminton court, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

9,334

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2 - Library as a Learning Resource

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

The university's Central library combines contemporary and the outdoors. It offers books, professional and scientific publications, and updated electronic reference materials. Library and information centre divisions include reference, circulation, audio-visual, periodicals, book bank, digital library, and student reprographics. The library has solitary and group study places, including video-conferencing and multimedia rooms. Through http://library.snu.edu.in, library users can access 11435 electronic journals, 20 online databases, and 169 institutional repositories. VPN allows remote access to all e-resources and campus LAN. OPAC/Web OPAC is the main library access resource.

The open-source Koha library management system gives instructors and students access to online publications.

Name of the ILMS software – KOHA Nature of automation (fully or partially)– Fully Version– 3.08.01.002 Year of automation– 2011-12

The university library is also a member of various consortiums, professional organizations, and academic societies, including E-Shodhsindhu, 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.

Some of the key highlights of the Shiv Nadar IoE library are:

   1. Centrally air-conditioned.

   2. **Free WI-FI, internet access, free download, printout facility, and Reprography services.**
   3. **Library staff is available at the helpdesk.**
   4. **New arrivals display section.**
   5. **A children's collection.**
   6. **Inter-Library Loan service through DELNET.**
   7. **Staff and student publication collection.**
   8. **Amenities such as drinking water, restrooms, and a cafeteria.**

Users' orientation program is conducted for students and staff throughout the year.

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)

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

779

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

3900

File Description	Documents
Upload relevant supporting document	[View File](#)

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

61

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Shiv Nadar Institution of Eminence has 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)

Classrooms

- **Classrooms in SNU are equipped with Projectors and projection screens**
- **Large Classrooms are equipped with Sound Systems.**

The University also has Smart Classrooms, Virtual Classrooms, and a Lecture capture facility. The lecture capture solution provides a powerful and stable video learning platform equipped with rich features and high-quality video capabilities.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2492	**1567**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

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 softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

12254

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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.

Introduction

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. To ensure 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, air-conditioning system, UPS, water supply cleanliness, etc is maintained by the maintenance team/respective AMC agencies. The

lab equipment is maintained by equipment manufacturers/third-party/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 SNU sports committee's maintenance staff is in charge of all the sporting goods.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

1454

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

973

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

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) Awareness of trends in technology	A. All of the above

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	• All of the above

File Description	Documents
Upload relevant supporting document	[View File]()

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

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

248

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

65

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Shiv Nadar Institution of Eminence (Shiv Nadar IoE) is a student-centric educational establishment that works with student representatives to administer academic and extracurricular activities on campus in an effective manner.

Shiv Nadar IoE allows for student council elections following the Lyngdoh Committee recommendations. The Student Council is governed by a written constitution 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 the students. It is further divided into nine committees. This council body has the authority to legislate or revoke any resolution in order to preserve a positive academic, intellectual, and cultural atmosphere at the university.

The President, the Vice-President, and fourteen secretaries representing various portfolios make up the Executive Cabinet. Office Bearers is the collective term for the President, Vice-President, Cultural Secretary, and Sports Secretary. They represent the student fraternity on and off campus.

The Council body regulates all the clubs, societies, etc. for the intra-university as well as inter-university festivals. It further has anadequate representation in numerous important statutory and non-statutory committees.

File Description	Documents
Upload relevant supporting document	View File

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

22

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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. By increasing their involvement alumni help the institution to grow and upgrade its position in the world.

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 too.

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 come to campus year-round and offer advice to current students on a variety of topics, enabling them to follow their aspirations.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

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 EminenceDeemed 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 University institution is governed by the Court,the Executive Council, and the Academic Council (the Governing Body, the Board of Management, and the Academic Council under Shiv Nadar IoE), and has various supporting Committees.

The following are the 'Authorities' of the University/Institution as per the Statutes/Rules & By-Laws (relevant part given in the attached file):

Till August 03, 2022 (Under Shiv Nadar University)

1. Court

2. Executive Council

3. Academic Council

4. Asset Management Committee

5. Finance Committee

6. Planning Board

7. Nomination Committee

8. Board of Faculty

9. Admission Committees

10. Examination Committee

11. Disciplinary Committee

12. Proctoral Board.

After August 03, 2022 (Under Shiv Nadar IoE)

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	[View File](#)

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 university's annual budget preparation illustrates decentralized and participative management. The university finance officer delivers a budget preparation form to academic and support services department heads every third quarter. Every academic and non-academic department at the university produces its own budgets, including manpower requirements, after internal talks and planning.

University finance and HR representatives meet with each department to discuss costs line by line. Final approval is

given by the Executive Council followed by Management Board, and Board of Trustees. After the budget is approved, departments can allocate monies based on the university's internal approval procedures and financial matrices.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

On March 16, 2021,Shiv Nadar University, Delhi-NCR had signed an MoU with the Ministry of Education (MoE), for being an Institution of Eminence (which was later notified onAugust 3, 2022).As part of this process, MoU included a detailed 15 year plan to achieve the IoE mandate. This plan is taken as the overarching institutional plan and deployed accordingly. It includes targets for faculty and student recruitment, new program development, research metrics, international partnerships and social impact measures.

The core elements of the plan are embraced by the Deans and formulated into their annual execution plan, and on that basis the annual budget is developed. The administrative departments heads also follow a similar process.

At the Faculty Development Programme before the beginning of the academic year, the VC shared the IOE mandate with the faculty. A townhall was held to receive feedback from the faculty. Accordingly, steps were taken by the university to address faculty needs and ensure the realization of the IOE mandate.

At the end of the year, each dean submits a report to the VC regarding the advancement of the plan. Faculty and staff go through a rigorous annual appraisal mechanism as well.

File Description	Documents
Upload relevant supporting document	[View File](#)

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.

The University operates within the parameters established by Statutory entities such as the Court, Academic Council, and Executive Council. The Executive Council regulates and determines all matters about the University in accordance with the Act, Statutes, Ordinances, and Regulations of the University, while the Academic Council is responsible for maintaining standards of instruction, education, and examination within the University. The Court provides essential advice to the Chancellor on any case presented by the Chancellor, providing that the functions are consistent with the provisions of the University's Act and Statutes, while the Shiv Nadar Foundation is the supporting body of the University.

In this regard, Shiv Nadar IoE, Delhi-NCR has 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 academicprograms 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	[View File](#)

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 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	A. All of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 and constructively, 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. It also ensures that the institution's administration makes proper annual Performance-Based Salary Enhancement decisions (PBSE). Consequently, it increases the institute's personnel advancement decision-making predictability and fairness.

Shiv Nadar IoE is committed to providing its employees with a stable and healthy environment with equal opportunity for learning and growth. Following are the welfare schemes run by the university:

- 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.
- University Lease Accommodation Scheme for faculty residing outside the campus.
- Car Lease Scheme to support employees acquire a vehicle for smooth commuting, both for official and personal usage.
- Mobile Reimbursement and Dongle/data card are provided for internet access.
- Wedding and Newborn baby gifts.
- Maternity Benefit as per Maternity Act.
- Paternity Benefit.
- Transport Allowance.
- 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	[View File](#)

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

123

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

18

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

98

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

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

Under the Shiv Nadar University Act, 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 statutory offices, such as the Executive Director, Finance and Operations, 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 financial sustainability of the University, various strategies and methodologies are being developed, such as contributions from alumni, increased consultancy projects, external research funding etc. Partnerships with industry of various kinds are also being pursued to this effect.

File Description	Documents
Upload relevant supporting document	View File

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)

7686

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 Foundation's finance 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 one of the Big Four accounting firms to conduct a statutory external audit. PricewaterhouseCoopers (PwC) was the external auditor for the duration of FY 2013 to 2017 and KPMG has recently taken over from PwC. The university has also appointed KPMG to conduct the GST audit required as per the GST Law.

File Description	Documents
Upload relevant supporting document	View File

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 regularly conducts Academic Administrative Audits to review current procedures, compare them to peer institutions' best practices as documented and published by NAAC and international best practices, and make recommendations to improve or establish new systems and procedures.

Two such examples are:

  1. Comprehensive audit to improve the admission process

  * Review admissions processes, including eligibility requirements, standardised testing, interviews (if applicable), selection list preparation, and candidate approval based on predefined admission criteria.
  * Review scholarship/stipend policies and award the chosen candidates.
  * Process improvements and online maintenance of candidate records like marks sheets, certificates, etc.
  * Ensure the statutory compliances related to the admission process.

The IQAC meeting discusses the audit committee's findings and responses. The audit committee's findings ensure that quality assurance strategies are evaluated and implemented.

  1. Benchmarking of Key Performance Indicators (KPIs) with the peer institutions

The internal audit committee has developed some parameters that the Key Performance Indicators (KPI)/Parameter are based on, and constant monitoring is done on the following KPIs:

  * Employability of graduating students by annually analysing job offers, company visits, percentage of students placed, average and median salary offered, etc..
  * Number of external academic, extra-curricular, and sports awards won by students
  * International/domestic student ratio

- **Doctorate to bachelor (Ph.D. to UG) students' ratio**
- **Faculty with the doctorate**
- **Research/ grants /extramural funding and industry income from the patent, technology transfers, etc.**
- **International collaboration and publications**
- **Gender ratio on campus and percentage of students from a disadvantaged section of the society**

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting documment	[View File](#)

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:

- **Creation of a Repository of Academic Resources by partnering with NPTEL**
- **Streamlining the examination system at the institution through a standing examination committee**
- **Data collection for NIRF Rankings – the university is the youngest in India to feature in the top 100 rank.**
- **A comprehensive Research Promotion Policy has been created and is available on the website**
- **Conduction of periodic feedback surveys from different**

stakeholders
- Conduction of periodic internal Academic and Administrative Audit
- Introduction of Choice-Based Credit System
- 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 – do we have this?
- Program outcomes and course outcomes templates were designed and implemented across the university
- IT systems and processes such as LMS, ERP, and various online applications were designed and developed
- Extension activities were conducted in the neighboring village communities
- A consultancy policy was created, and faculty members are encouraged to take up projects corporate training initiatives have been started and executive training programs have been launched in partnership with a couple of major industry partners
- An undergraduate research program has been conceptualized and launched
- Various undergraduate Major and Minor programs have been launched
- The university has started Atal Incubation Center to encourage start-ups culture on campus
- Career Development Center works with students to make them industry ready
- The admissions process was streamlined and is now CRM based

File Description	Documents
Upload relevant supporting document	View File

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

The University 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) on campus. The policy was revised on 8 November 2021. The responsibility of promoting gender sensitivity and taking action in cases of sexual harassment also lies with the ICC.

The Committee held regular meetings throughout the year and organized many workshops on gender sensitization for students, faculty, staff and contractual staff members. As part of these efforts, it adopted Oxford University's online course "Consent Matters". The Committee was reconstituted in May 2022.

The main events on gender sensitization during the year are provided below:

- Session for new students on 16 August 2021 and had a participation of 300 students
- ICC undergraduate student interactions: Volunteers of ICC conducted discussions and interviews (online) during August-September 2021
- Session for MBA students organized on 29 September, 2021 had a participation of 28 students
- Conducted 10 mandatory sessions on 13 and 14 November, 2021 that had 400 participants
- Session for third party staff was organized on 23 July 2022 that had an attendance of 97 staff members

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	1. Annual sensitization programs for gendar equality, 2. Workshops on Importance of safety and secure environment, 3. Proposal for new courses on ICC
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	A.Gendar sensitisation cell, b. Day care centre, c. Cab facilities for women employees, d. Women security, e. Wellness centre

| **7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy   Biogas** | A. Any 4 or All of the above |

plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Shiv Nadar Institution of Eminenceminimizes garbage in several ways. The university fosters an eco-friendly lifestyle for all incollaboration with environmental regulators/contractors and isdevoted to preserving the natural world.

Solid waste management:

- The stationary, cardboard packing, etc. are disposed of byGreen-o-Tech India.
- The construction-generated waste material is diverted to landfills.
- The university has a 200 kg/day Organic Waste Compactor to transform food waste into organic manure.

Liquid waste management:

- The Sewage Treatment Planttreats sewage waste.
- 650KLD is implemented in two locations. The 500KLD modular plant treats academic and hostel wastewater, while the 150KLD plant serves faculty-dwelling wastewater.
- The unit uses MBR technology to treat wastewater.

Biomedical waste management:

- The institution contracts the two authorized vendors, 'Bharat Oil and Waste Management Limited' and 'Synergy Lab Waste Management Limited' to handle the biomedical waste.

E-waste management

- The E-waste mainly consists of used printers, cartages,

etc. They are disposed of by the aforementioned contractors.

Hazardous chemicals and radioactive waste management

- **The contractors collect trash from life sciences and chemical labs to treat hazardous substances and radioactive waste.**

Feminine hygiene waste management

- **A specialized vendor has been hired to dispose of feminine hygiene waste periodically.**

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	View File

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: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

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 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.	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

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 appreciates the campus's cultural, geographical, linguistic, and ethnic diversity. Although there are worries about moral standards eroding and intolerance rising among the communities, castes, and groups

that make up our magnificent nation, the institution embraces the nation's variety and unity. This is demonstrated by the members' passion for and involvement in the various events planned to honor this diversity.

Diwali Celebrations

Diwali represents the triumph of light over darkness, knowledge over ignorance, and the value of knowledge, self-inquiry, and self-improvement. The lighting of diyas and heartfelt dance lets people search through and know themselves. On campus, various Diwali events are organized and the celebration is enthusiastically observed.

Lohri, Pongal and Makar Sankranti Celebrations

Lohri and Pongal commemorate the passing of the winter solstice and the starting of the Sun begins its journey to the Northern Hemisphere. This movement is traditionally called Uttarayana. These festivals are celebrated with great fervor too.

Holi

The coming of spring is celebrated with the festival of Holi. The institution's community celebrates Holi by smearing color and losing ourselves to the beat.

International women's day

Celebrated on the 8th of March every year, IWD 2022 saw the campaign theme of#BreakTheBias forged by millions worldwide. Shiv Nadar IoE, through various programs & competitions, conveyed the importance. Creative writing competition on the theme 'Inspiring Women's Skills for a Better World' was hosted which further witnessed students inking their thoughts on paper pouringheartfelt writings.

File Description	Documents
Upload relevant supporting document	[View File]

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

Shiv Nadar Institution of Eminence stresses Value, Ethics, Leadership, and Service (VELS) as the philosophical and moral foundation for student and staff success.The university commemorates many events and days and promotes national duty and constitutional requirements.

Independence Day Celebrations

On August 15, 2022, Shiv Nadar IoE celebrated India's 76th Independence day. Vice-chancellor Ms. Ananya Mukherjee presided over the flag-raising ceremony, which was followed by faculty and student cultural events.

Engineers Day Celebrations

HonoringBharat Ratna Sir Mokshagundam Visvesvaraya, Shiv Nadar IoE celebrated Engineer's Day on September 15. Afew webinars were organized for engineering students.

Republic Day Celebrations

At Shiv Nadar Institution of Eminence, 73rd Republic Day was celebrated with fervor. Dr. Rupamanjari Ghosh, VC of Shiv Nadar IoE, hosted the flag, and the campus residentsperformed cultural events.

World Environment Day

Shiv Nadar Institution of Eminence, Delhi NCR hosted the 5 June webinar. Go Green and Sheetal Prathom Aahaar Society (SPAS) conducted a World Environment Day event at 4 pm on Ecosystem Restoration.

Feeding India

The clubsof Shiv Nadar IoE organized a food drive on campus. Donation slips were collected from all dining halls on August 31 tofeed campus gardeners and construction employees.

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	[View File](#)

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

Events are a crucial component of any institution, and ours is no exception.Our students, instructors, and staff come from many walks of life, so we celebrate to build our bonds.

International Yoga Day

Since 2015, International Yoga Day has highlighted yoga's health benefits. On this day, the Shiv Nadar IoE physical education department organizes group yoga.

Independence Day

Independence Day celebrates independence from British authority. The institution celebrates Independence Day by displaying the Flag, holding cultural programs, and distributing sweets to honor our liberation heroes and martyrs.

Diwali

Diwali highlights the importance of learning and self-reflection.The members celebrateby dressing in traditional clothing, lighting diyas, and dancing the night away.

Lohri/Pongal

These festivals are traditionally dedicated to the sun deity Surya and symbolizeUttarayana. Shiv Nadar IoE celebrates the new harvest with a bonfire, music, and dance.

Republic Day

Republic Day honors India's constitution. For Republic Day, a flag-raising ceremony is held at the SNU flag post, followed by cultural events and sweets distribution.

Holi

Holi, announcing the spring arrival, celebrates good over evil with music and colors. The memberscelebrateHoli by dousing themselves in color and letting go of negative energy.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 programme 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)

The University has identified four thrust research areas i.e.Energy, Environment, Data and Computation, Cognition and Behaviour.

New research centers in the areas of Epigenetics and Himalayan Studies were approved.

Amongst all IoEs, the quality of our publications are in the top three. Our publications in Q1 Journals (taken as a percentage of total) from 2016-2021, rank only after IISc, IITB and IITM. In Life Sciences we rank second only after IISc while in Physical Sciences we rank just after IISc and IIT Madras.

Dr. Harpreet Singh Grewal, Department of Mechanical Engineering, featured in the Stanford University's List of Top 2% Scientists (2021) for excelling in research in the field of Material Science.

Dr. Bimlesh Lochab, Department of Chemistry, was elected as

Fellow of the Royal Society of Chemistry (FRSC), UK and also awarded the Chemical Research Society of India (CRSI) Bronze Award for the year 2021.

The Shiv Nadar University Innovation and Entrepreneurship Policy (IEP) for faculty, students and staff was notified on 31 March 2022. The first Faculty start-up was also approved on 30 June 2022.

Despite the Covid Epidemic, 83 UG students undertook the flagship Opportunities for Undergraduate Research (OUR) Program.

7.3.2 - Plan of action for the next academic year

- As indicated above, the MoU submitted as part of the IoE process forms the basis of our annual plans. The plan for academic year 2023-24 includes the following:

- Growing student strength tracking to the15 year target of 5,000 in-person and 5,000 online
- Growing faculty strength tracking to the5 year target of ration of 1:10
- Recruiting faculty with significant global experience
- Launching new multidisciplinary programs (Integrated B.Des-M.Des in Design; MA in Rural Management; Drug Discovery option in Biotechnology; MBA with Analytics specialization – these are some of the programmes being launched)
- Launch new research centers: Center for Integrative and Translational Research; Center for Himalayan Studies and others
- Work on university-wide research areas: Cognition; Data and Computation; Environment and Energy
- Enhance international collaboration with top universities