



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	SHIV NADAR UNIVERSITY
Name of the head of the Institution	Dr. Rupamanjari Ghosh
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0120-3819100
Mobile no.	9871998747
Registered Email	registrar@snu.edu.in
Alternate Email	ankit.tanwar@snu.edu.in
Address	NH-91, Tehsil- Dadri, Dist. Gautam Buddha Nagar, UP
City/Town	Dadri Gautam Buddha Nagar
State/UT	Uttar pradesh
Pincode	201314

2. Institutional Status					
University	Private				
Type of Institution	Co-education				
Location	Rural				
Financial Status	Self financed				
Name of the IQAC co-ordinator/Director	Dr. Suneet Tuli				
Phone no/Alternate Phone no.	01207170752				
Mobile no.	9810925050				
Registered Email	suneet.tuli@snu.edu.in				
Alternate Email	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: Weblink :	https://snu.edu.in/academic-calendar-all				
5. Accrediation Details					
				Validity	
Cycle	Grade	CGPA	Year of Accrediation	Period From	Period To
1	A	3.06	2019	25-Nov-2019	24-Nov-2024
6. Date of Establishment of IQAC	23-Sep-2015				
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
No Data Entered/Not Applicable!!!					

[View File](#)

8. 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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Coursera platform consisting of thousands of courses are made available to faculty, staff and students of Shiv Nadar University

Faculty professional development allowance (FPDA) was introduced to the faculty for spending towards their research work, Professional memberships, Procurement of books for their research etc

Various seminars and webinars were organized

Hosted Alumni meet at the campus and organized corporate academia interaction sessions at various locations in India

SNU consistently ranks as a top young University in the NIRF rankings

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality

Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Retention of the faculty and improve the faculty strength	The retention metric of the faculty and Joining of new faculty at SNU has improved considerably.
Feedback restructuring faculty, students and parents	A well defined structure and questionnaire is in place to collect the feedback from various stake holders of the University which is evident from the number of responses
Organising the visit of IoE expert panel members to the campus	The panel visited SNU in November and provided suggestions and appreciable comments about SNU
Starting of FPDA fund to enhance the research	The scheme was successfully implemented
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Council	26-Dec-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

29-Apr-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

29-Jun-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The University has implemented several process management system software, which allow the University to use system applications in an integrated manner. These are used to manage the academic/nonacademic processes and also automate the backoffice functions related to various services like accounting / finance, human resources,

administration etc. The primary source of all information at the University is the SNU ERP – PeopleSoft campus solution (by Oracle Corporation). It is used by several Leading Universities the world over, including in India and covers most of the student/academic processes. There are several other Inhouse applications or bolton modules which have been integrated with the SNU ERP and together they cover the entire life cycle of the student from student admission to student graduation (including Alumni relations). Key Academic processes covered through the Automated applications include:

- Admission Process (cloud based SaaS solution integrated with PreRegistration app and SNU ERP)
- Admissions Dashboard for reports and MIS
- Student enrolments, registration, and reregistration
- Student financials and online fee payment
- Timetable and Student Attendance management
- Campus entry and exit system
- Hostel Management System for selection and allocation
- Course Management
- Learning Management System (Blackboard LMS) for content sharing, tests, assignments etc.
- Messaging and collaboration apps for students faculty
- Course and faculty feedback/survey
- Exam Results and reevaluation workflow
- Grade Card and Transcript Issuance
- Research grant repository workflow
- Alumni Portal

There are several other integrated modules developed and implemented by inhouse team for the other backend processes namely:

- Campus scheduling system – employee leaves and offcampus duty
- Travel request system
- Expense and travel claim system
- Cab request and booking system
- Tally financial package for accounting
- Document management and repository
- Meeting room/facility booking
- Appraisal system

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BMS	BMS	Bachelor of Management Studies	31/08/2019

BA	BA-ENG	English	31/08/2019
BA	BA-SOC	Sociology	25/01/2020
BSc	BSCSN-CHY	Chemistry	25/01/2020
BTech	BTECH-CHED	Chemical Engineering	31/08/2019
BTech	BTECH-MED	Mechanical Engineering	25/01/2020
BTech	BTECH-CED	Civil Engineering	25/01/2020
BTech	BTECH-CSD	Computer Science and Engineering	25/01/2020
BTech	BTECH-ECE	Electronics and Communication Engineering	25/01/2020
BTech	BTECH-EED	Electrical and Electronics Engineering	25/01/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Economics and Finance	25/01/2020
Integrated(PG)	Chemistry	25/01/2020

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Feedback is collected from students twice every semester. Midterm feedback aims to correct any issues while a course is still being taught. Feedback collected at the end of the semester is comprehensive and covers pedagogy, delivery, grading, and content. Other stakeholders consulted are faculty members, alumni and employers. Feedback is circulated among departments and responses are submitted to Academic Council via the Board of Studies of the School. In March 2020 we collected feedback from students and faculty on their ability to access/provide e-learning and the steps being taken by the university for online teaching. Based on the feedback from stakeholders the following steps were implemented during 2019-20: 1. Mandarin and German language courses were introduced to fulfil a longstanding request by students. 2. The curriculum of all Engineering majors were updated basis the feedback from all stakeholders. 3. Due to pandemic we recalibrated the course examination systems as well as grading pattern in some courses. 4. Spring 2020 semester was extended to give more time for students and faculty to cover the syllabus. 5. Writing Tablets were provided to faculty members to assist them in online lectures. 6. Regular Training/Support was given to faculty members to assist them in online classes. 7. MOOC courses(Coursera) were made available to the students at no extra cost for learning during Monsoon 2019 and Spring 2020 semester. 8. The Career Development Cell conducted several programmes on soft and technical skills using Coursera, Geek for Geeks etc.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1650	428	89	18	103

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
210	210	7	95	3	4

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Student Mentoring and Advising System at Shiv Nadar University helps each student transit successfully from the school to the University environment and achieve his/her full academic and personal potential by providing efficient, effective and timely advice and support. OBJECTIVES To help students navigate their way into academic and intellectual life at the University To review the academic progress and assist students in preparing their strategies for academic success To help students gain an understanding of campus resources and explore career and life goals To help students understand various academic requirements related to different programs, majors, minors, University Wide Electives (UWEs), Core Common Curriculum (CCCs), Specialization tracks, pre-requisites etc. and in selecting appropriate courses to enable them to excel To inculcate a sense of belonging and responsibility among students To resolve student problems and difficulties PEER ADVISORS Peer advising by senior students is an integral part of the Universitys Advising program and along with the Dean, Undergraduate Studies and Dean, Students' Welfare offices is the first point of contact for new students. Peer advisors provide the perspective of a senior student and assist the freshmen class in making the transition from high school to university. These advisors share their own experiences and strategies for academic success and help incoming students comfortably settle down in a new, and challenging environment. Peer advisors are carefully chosen and trained by the Dean, UG Studies and Dean, SW and peer advising is periodically monitored and coordinated by these two offices. Peer advisors provide the following kinds of assistance to first-year students: Provide a student perspective on academic life in the University. Help facilitate conversations between mentees and faculty mentors. Help mentees become familiar with the Registration process, Academic Planning, and University resources. Provide information about opportunities and academic pursuits outside of the classroom. FACULTY MENTORS Each faculty member at the University is expected to mentor a few undergraduate students. The mentees are allotted to faculty mentors from across the departments at the university i.e. it may so happen that an English faculty member gets a mentee with Mechanical Engineering Major and vice-versa. However, as far as possible, a particular faculty member would get mentees from the same department, e.g. an English faculty member may always get mentees from the Mechanical Engineering department, so that the faculty member over time becomes well-acquainted with the departmental program requirements, course offerings, pre-requisites, specialization tracks, etc. The frequency of regular meetings are expected to be more during the first two years, say once a month, but can decrease in the 3rd and 4th year. A faculty mentor plays the following roles: Encourages mentees to explore available academic options at the University and advises students into projects, OUR, societies, etc. Helps identifying resources and support services that will help students to succeed academically. Meets mentees before pre-registration to discuss and finalize courses. Provides guidance on various academic matters such as change of major, selection of a minor, choosing electives etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2078	210	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
69	38	31	38	32

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Sumit Tiwari	Assistant Professor	Shrimati Vijay Usha Sodha Research Award, Center for Energy Studies, IIT Delhi
2019	Dr. Gitanjali Sen	Associate Professor	Paper Award, Sustainable Development Conference, University of Michigan
2019	Dr. Parthaprati Munshi	Associate Professor	IUCr Young Scientist Award, Asian Crystallographic Association
2019	Dr. N. Sukumar	Professor	Travel Award, Alexander Von Humboldt Foundation
2020	Dr. Divya Kanan	Assistant Professor	Society for History of Childhood and Youth Conference Grant
2020	Prof. Atul Bhalla	Professor	ERASMUS
2020	Dr. Santosh Kumar	Associate Professor	Reviewer Recognition Award, Elsevier

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	2078	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

<https://snu.edu.in/academics/major-minor>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://snu.edu.in/sites/default/files/Student_Satisfaction_Survey_%28SSS%29_2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Prof. Atul Bhalla	ERASMUS staff mobility	08/06/2019	European Union
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
No Data Entered/Not Applicable !!!		
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Intelligent Trip Management System for Electric Vehicles	Aditya Dubey(EEE), Yadlapalli Pradeep Roy (CSE), Kushagr Tyagi (CSE), Agastya Seth (ECE), Jose Dominic (ME), and V Pratiksha Sharma (CSE)	Smart India Hackathon 2019	12/07/2019	Student
Modernization of traditional anti-malarial drug artesunate via Nanomedicine approach	Deepika Kannan, Nisha Yadav, Guide: Dr. Shailja Singh, Dr. Bimlesh Lochab, Dr. Soumya Pati	BIRAC-SRISTI: GYTI 2019 (Gandhian Young Technological Innovation) award	06/07/2019	Student
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Shiv Nadar AIC Research Foundation	Glimonn Research LLP	AIM, NITI Aayog, Govt. of India	Glimonn Research LLP	Robotics	19/12/2019
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Chemistry	3
Department of Life Sciences	7
Department of Mathematics	3
Department of Physics	2
Department of Mechanical Engineering	6
Department of Economics	1
Department of Sociology	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	64	71	Nil	Nil
Presented papers	64	71	Nil	Nil
Resource persons	Nil	Nil	Nil	Nil
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
SCHOOL OF EXTENDED EDUCATION AND PROFESSIONAL DEVELOPMENT	Training Staffing Services	HCL Training Staffing Services Pvt. Ltd.	14004000
Department of Civil Engineering	Professional Charges	Bennett University, Gr. Noida	350000
Department of Civil Engineering	Professional Charges	KRN Education Pvt. Ltd.	2500000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
School of Management and Entrepreneurship	Master of Business Administration	HCL Technologies Ltd.	8855000	21
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Organic Diya Making	Go Green	1	50
Diwali Upahar	Feeding India-SNU Chapter	1	300
Sanitary Napkin Drive	AURA	1	50
Field Drive	Feeding India-SNU Chapter	1	270
Dadri school visits	AURA	1	140
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Smart India Hackathon: Software Category	1st Place	Organized by MHRD	6
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Vigyan Samagam	Department of Atomic Energy with Department of Science and Technology	Vigyan Samagam	1	35
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
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No Data Entered/Not Applicable !!!

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2386	2386

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Koha	Fully	18.11.07.000	2011

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1739	1011	3	84	2	524	76	1105	128
Added	82	14	0	0	0	3	78	695	0
Total	1821	1025	3	84	2	527	154	1800	128

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1800 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Online Lecture Capture Facility	https://lc.snu.edu.in

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
652.34	652.34	1484.72	1484.72

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

At Shiv Nadar University, teachers and students are encouraged to do interdisciplinary studies and research. Following are the procedures and policies for utilizing the academic and support facilities: laboratories auto

open for students and researchers at the University based on the need/nature of work. research labs in the research block is open to the researchers 24/7 to perform their research. The entry exit to the research labs are monitored with an access register/biometric entry. For access to academic laboratories, students are allowed based on prior approval from the concern faculty. Similarly access to the library is available to all these students and staff till 12:00 AM on normal days and till 3:00 AM during examination days. All faculty and students are free to access any part of the library whether to study, to listen to audio video visuals, engage in discussion among friends in dedicated rooms for discussion etc. Shiv Nadar University believes in Holistic development of all members of the University. Hence, the sports facility established at the University is of international standards. The utilization and access to this facility to all members of the University are governed by internal access rules of the sports complex, which can also be accessed at Institution website https://snu.edu.in/sites/default/files/ISC_RULES.pdf

<http://library.snu.edu.in/opac-tmpl/bootstrap/images/snu/SNU%20Central%20Library%20%28policy%20document%29.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Merit cum Scholarship	1858	305536100
Financial Support from Other Sources			
a) National	PMSSS	1	200000
b) International	NA	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Guidance for Competitive exams- GRE/GATE/CAT/IELTS etc	189	Nil	51	Nil
2020	Career	Nil	403	Nil	357

Counselling-
Placed
students

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	Nil
SET	Nil
SLET	Nil
GATE	3
GMAT	Nil
CAT	2
GRE	28
TOFEL	22
Civil Services	Nil
Any Other	26
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student Council comprises of four office bearers- The President, The Vice-President, The Cultural Secretary and the Sports Secretary, elected by the whole student body. The main objective of the Council is to communicate student convictions clearly and willfully to the faculty, administrators and the Board. The Senate is the body of the Student representatives elected by the students of the University every year. The main objective of the senators is to represent the interest of the Students. The Senate is divided into different committees, each of which has its own responsibilities. All senators are allotted one committee. • Finance Committee: This committee serves as the principal financial body of the Council. • Academic Affairs Committee: This Committee is the principal body for debating and settling any academic issues or complaints. • Campus Affairs Committee: The Campus Affairs Committee is the principal body for debating and settling any issues or complaints in the interest of the University Campus. • Cultural Committee: The Cultural Committee is responsible for organizing all cultural events within the University campus. • Technical Committee: The Technical Committee is responsible for organizing all technical events within the University campus. • Sports Committee: The Sports Committee is responsible for organizing all events related to Sports in the University. • External Affairs Committee: The External Affairs Committee is responsible for maintaining contacts with external entities which includes organizations, institutions and committees. The Executive Cabinet consists of various Secretaries who shall be the Executive Head of their respective Committees along with the Secretary of Senate, and Secretary of IT. The primary role of the Secretaries is to take into account all the input provided by the students. • Secretary of Treasury: - The secretary of Treasury is the Principal advisor to the President and Student Council in all budget related matters. • Secretary for Academic Affairs: - The secretary of Academic Affairs acts as the executive authority on behalf of the Academic Affairs Committee of the Senate and is a keeper of all records and complaints that have been received under that domain. • Secretary for Campus Affairs: -The secretary of Campus Affairs, acts as the executive authority on behalf of the Campus Affairs Committee of the Senate, and shall be the keeper of all records and complaints that has been received under that domain. • Secretary for Technical Affairs: The secretary for Technical Affairs co-ordinates between the Students and the University administration in the organizing of any Technical Event on the University campus • Secretary for External Affairs: - The Secretary of external Affairs co-ordinates between the Students of the University, Students of other colleges and universities in the organizing of any External Event on the University campus. • Secretary of IT: The secretary of IT is responsible for maintaining a communication portal in all available media for the benefit of the student body and also maintain at all-times a functioning website. • Secretary of Senate: The Secretary of Senate is required to maintain all the records.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Currently SNU has 2689 alumni passed out across 6 batches. SNU's Alumni Association (AA) started in 2015 with close to 300 alumni passed out from 1st batch. SNU AA structure has a core council, which comprise of three positions- President, Treasurer and General Secretary. Besides, from each passing batch there are 2-class representative elected. SNU AA is supported and guided by Alumni Relations office at University. The association has been in existence for 4 years thereafter, working closely with the alumni body and the university to further the value of a good network. It focuses on various aspects to support the Alumni through job postings, networking events, meet-ups. Apart from Alumni development, the alumni take pride in giving back to the university by running a mentor-mentee program for senior students, having alumni talk series and working closely with University to provide industry feedback to the university. The association currently has 12 active core team members (President, Treasurer, Gen Secretary, Core members) and is supported by 5 chapter heads that drive various city chapters across the globe(US, Europe, Chennai, Bangalore, Hyderabad, Bombay-Pune, Delhi NCR, etc.). The association also engages with the student body through various social media platforms and keeps them in the loop. It has a dedicated Alma Connect, Instagram, Facebook, and city-specific WhatsApp channels to inform alumni and garner feedback.

5.4.2 – No. of registered Alumni:

432

5.4.3 – Alumni contribution during the year (in Rupees) :

432000

5.4.4 – Meetings/activities organized by Alumni Association :

To maintain, deepen and strengthen an enduring lifelong relationship between SNU and its Alumni through opportunities that promote interaction and engagement between the two for mutual growth development. Help nurture bond between Alumni and SNU by regular engagement activities with them. Database Management: Capture Update latest information about Alumni. Alumni Support :Provide support to Alumnus for their Career growth through Networking Opportunities and Professional Advice Alumni Association : Help establish the Alumni Association which will be established and run by the alumni and supported by Alumni Relations Office of SNU Benefits to Alumni:- Establishing Alumni Relations Office for alumni welfare and engagement through various programs. SNU Email Id to be continued for life ! All Alumni to get SNU Alumnus I Card Logistics Support like stay on campus etc based on availability at affordable cost. Help the alumni to establish and run the Alumni Association and establish local chapters Support for lateral job opportunities. Benefits to SNU:- Alumnus is meaningfully engaged and stay bonded with their alma mater. Internships, Placements, recognition in institutions of higher education, etc.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

At Shiv Nadar University the management believes in decentralization, inclusive participation and empowerment of all stakeholders. In academic structure, faculty members are given the responsibility in formulation of syllabus, preparation of Question papers, evaluation of various components of a course. Additionally, various policies related to academics are decided by the faculty. During the budget allocation exercise for the University, various stakeholders

of academics and administrations are given the responsibility to decide on their budgetary needs. Similarly, the students of the University are empowered by a student council, elected by student members. The members of student council are part of various academic meetings and committees. Students are given complete freedom to establish and run the clubs of their choices. At SNU, vice chancellor meets faculty , students and staffs in town Hall meeting twice every year. Town Hall meeting is a platform where free exchange of ideas and discussion takes place between the vice chancellor and the stakeholders of the University .

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>1. RFID (Radio Frequency Identification): RFID implemented in SNU library to improve patrons' services, staff productivity and effective services. 2. Barcode: Barcode system has been implemented in SNU library to achieve accuracy and saving time of user community. 3. 24 X 7 study room facility: 247 study room facility helps the student community to spend long hours in well-equipped library to continue their academic and research activities effectively. 4. Print, Scan and Photocopying Services: The above services are being offered to the user community with the objective to support their academic and research activities. 5. Discussion Rooms and Video Conferencing Facilities: Discussion rooms with Video conferencing and multimedia connections for satisfying the academic and research needs of students as well as faculty. Cubicles with shelves have been equipped for researchers who are doing their serious research. 6. Digital Library: A modern digital library network with high-speed internet access is also housed in the premises. Reprographic facilities with printer provided for student community 7. SNU Library Homepage/Web Portal/OPAC: SNU library is computerized with KOHA- an International open source software package. User community can search and retrieve all the acquired books and subscribed journals and databases on a single platform. All the journals covered in all subscribed databases (approx. 37765 titles) are arranged in alphabetical order with appropriate web</p>

links to instant access their interested online journals and it can be accessible with the link <http://library.snu.edu.in/>. 8. SNU Institutional repository: An institutional repository is an online archive for collecting, preserving, and disseminating digital copies. DSpace is a platform that allows to capture items in any format - in text, video, audio, and data. SNU library created its own institutional repository to upload all the dissertation, thesis and publications of student and research community respectively. It can be accessible to everyone through university LAN without any user ID and password. 9. Online Public Access Catalogue (OPAC) The above facility is useful for the member to search their desired document through author/title/subject/keyword etc. to retrieve from the library. It saves the time of the user as well as library staff member.

Admission of Students

Shiv Nadar University is a multidisciplinary university. It has a robust testing criteria for a quality intake. The criteria is divided into 3 parts:

- Class 12th Percentage (Minimum Eligibility 70 - Normalised board wise)
- The eligibility is followed by a SNUSAT test - SNUSAT is a test of basic verbal and analytical ability. . It is 2 hour test
- APT - APT is the test of subject knowledge, it is different for different programs. It is 1 hour test

Based on these 3 parameters a merit list is prepared and the students are shortlisted. In 2019 the weightage of Class 12th percentage was reduced by 10 in the overall matrix.

- The university got highest number of paid applicants.
- 40 of the engineering students were above 90 percentile in JEE Entrance Exam

Human Resource Management

Faculty Professional Development Assistance (FPDA): Continue to extend FPDA program to all faculty members who are joining for their professional development. and the existing block period of three years have been increased to four years. In this program a development fund made available at their disposal to pursue relevant opportunities for their growth and development. Under this program,

FPDA fund can be utilized for 1) Expenses for attending national and international conferences and Symposiums, Research Visit / Publication charges 2) Purchase of Software and database and 3) Purchase of books and Membership of professional Bodies. Now FPDA will also permit PhD/other SNU students to incur registration fee and travel expenses to reputed conferences for presenting jointly authored (with Faculty) papers/posters Hiring of TAs and RAs as per approved norms of the University is permissible from the FPDA funds.

Faculty Reward Program: Continue to extend reward program for new faculty members with the name of Performance Linked Association Reward (PLAR) program. In this program, based on the performance and tenure of the faculty members, reward amount is paid them.

Online Appraisal and Review Process: An online platform was designed to evaluate faculty and staff performance and as well put their Short-Term and Long-Term futuristic Plan which resulted in faster and hassle free Annual Performance Review System.

Industry Interaction / Collaboration

Industry Collaboration In Shiv Nadar University (SNU) we believe that through industry collaboration students get an opportunity to understand the corporate world and will help them to transform from a student to a professional. SNU collaborated with organizations for internship, industry oriented courses, setting up research facilities, industry visits and placement linked internships. SNU has got in to a long term association with the below organizations: 1. DELL: SNU has long relationship not only in terms of recruitment but it has also invested in the skill enhancement of students with the setting up of Smart Lab at SNU campus. DELL also execute the Hackathon based recruitment model for the 360-degree evaluation of the candidate, twice a year for final pre-final students offer full time summer internship offer respectively. 2. GAIL, the first academic collaboration with the PSU, one of the Maharatnas of India, in February 2019 and it is valid for the next 2 years until 2021. It was for the course "Energy System Project Management of Natural Gas pipeline

installations", which was executed by experts from GAIL for a duration of 10 weeks. Students registered for the course from

Mechanical/Electrical/Chemical Engineering streams. As part of the course, students also visited the GAIL GAS terminal point in New Delhi for practical exposure. 3. HCL- HCL-SNU hackathon a new initiative led by both the entities for the students with the great idea bent of entrepreneurship. A quarterly event based on real time industry problems with a different theme every time. In addition, HCL also runs the course on "Software Project Management" in the Computer Science Department where experts from HCL visits for the course delivery administer the student's project.

Industry Interaction In the new competitive world, corporates expect relevant skills like market awareness, work readiness, business intelligence etc. right from day one. Shiv Nadar University believes the best way to impart the same is through industry interaction. These industry connects help the university to build a system around to ensure, we are on track with the changing industry demands and help students in gaining the adequate information for developing their profile. Industry interaction at SNU is a regular and ongoing activity throughout the year in association with highly experienced and expert industry professionals in their respective domain of expertise. The interventions got scheduled keeping in view the requirement of all the students across the schools. These series of interactions not only allow the students to gain insights and understand in depth about the industry but also guide them for their industry readiness. Like previous years, last year also more than 60 industry interventions got scheduled where more than 90 industry professionals delivered lectures to ensure students get to know more about their subject and gain more knowledge. The COVID-19 pandemic didn't stop the knowledge transfer as the in-person interaction sessions moved to webinar mode which ensured students were kept engaged and motivated during the hard times.

<p>Curriculum Development</p>	<p>The architecture of the University's curricula consists of a common core (CCC), University work elective (UWE), major elective, values ethics leadership (VELS) and international context (IC) of undergraduate courses, and a flexibility to allow students to choose multiple electives for enhanced breadth of learning and engagement, together with acquiring depth in a Major subject. The CCC courses provide the students a broad-based understanding of the world, its physical, biological and social systems, and the development of human civilization and culture. Students can also take up minor courses of any specialization in the University leading to inter intra disciplinary studies.</p>
<p>Teaching and Learning</p>	<p>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, volunteering service, within and outside of the University setting. 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. There are prescribed laboratory components in a large number of courses in Science and Engineering for hands-on training of the students in state-of-the-art laboratories.</p>
<p>Research and Development</p>	<p>SNU is a research university, in that academic research in its broadest meaning, including basic and applied research, scholarly publications, and creative expression is the fundamental building block of the academic mission of the University. Strong emphasis on interdisciplinary research that cuts across academic programs, has allowed the University to break disciplinary silos and institutionalize a broad-based structure institutionalized through: Opportunities for Undergraduate Research (OUR) program, Faculty appointments, Interdisciplinary Research centres, Research Plans placed within the framework of National Priority Areas such as: Water</p>

Management / Ecology Agriculture (research), Energy, Health, Connectivity and Security, Incubation Centre and Patents.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>In house developed MIS Dashboard for senior Leadership - consolidated reports and data pertaining to students, alumni, employees covering Grades, Attendance, Enrolment, Performance, Utilization, Credit Hours etc.</p>
<p>Administration</p>	<ul style="list-style-type: none"> • OTRS Service Desk Tool for logging, tracking and execution of all Maintenance Requests • HMS - in house application for management of Hostel Rooms/facilitates • MRBS for facility/room bookings • PHP based inhouse application for ID Card issuance/workflow • Cab Approval System application - Workflow based application for request, approval, booking and tracking of Cab Requests by employees and guests. • Travel Approval System - Workflow based application tracking of Travel Requests by employees. • Expense Claim System - Workflow based application settlement of Travel Claims/expenses. • SNU Mobile App - Mobile App for students for Transport Pooling (to and from the Campus)
<p>Finance and Accounts</p>	<ul style="list-style-type: none"> • Tally Solutions Pvt.Ltd. Provided Tally Accounting software used for Finance Accounts Purpose • PeopleSoft Campus Solution (of Oracle) is used for recording Student Fees • Dynamic 365 (Navision) ERP is under implementation covering key finance processes including Accounting, Payments, Procurement, Grant Management, Asset Management • Online IT Asset Management application is used to track all IT Assets
<p>Student Admission and Support</p>	<ul style="list-style-type: none"> • Admission Process - NPF SaaS (Cloud based) application • PeopleSoft Campus Solution (Oracle) - for Student Records, Personal Information, Timetable, Course Enrolment, Academic Records including Grade information, etc. • PHP based inhouse application used for Student Registration, Course/Faculty Feedback, Fee Payment, Attendance Recording

Examination	<ul style="list-style-type: none"> • PHP based inhouse application used for Grade Moderation for examination conducted by SNU • Blackboard LMS for assignments, quizzes and tests • PeopleSoft Campus Solution (Oracle) - for recording Finalised Grades, Student request for revaluation and Faculty/Director approval workflow (approval/rejection of request through workflow)
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6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Online ERP User Training Session	Online ERP User Training Session	15/05/2020	18/05/2020	114	134
2019	NA	Outbound Learning Exercise (OLE)	18/12/2019	19/12/2019	Nil	51
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme	70	19/07/2019	19/07/2019	1
Faculty Development Programme	63	06/01/2020	10/01/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
26	12	40	13

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>SNU is deeply committed to the well-being and welfare of its faculty, staff members and their families. We believe that good health and a well-adjusted work-life balance are essential for productive living. Towards the same, SNU has provisioned for a bouquet of offerings to its members and/or their families to inculcate a healthy work-life balance principle. Some of the current offerings are as stated below:</p> <ul style="list-style-type: none"> • Annual Health Check-up • Considering the Covid-19, Annual Health Check-up got extended to employees' family members. • Dental Coverage • Marriage Gift • New Born Child Gift • Maternity Benefit • Access to: - Indoor Sports Complex Facilities - Aerobics, Athletics, Badminton, Basketball, Chess, Gym, Squash, Table Tennis, Yoga Zumba - Outdoor Games - Tennis, Volleyball, Football Cricket - Clubs - Chess Club Runners' Club - Cross Country • 247 Health Centre - operated by Blue Circle Medi Services • On-campus Crèche, HDFC Bank, ATMs, Post Office, Unisex Saloon, Minimart For Members staying in Campus Housing: Apart from the above listed facilities, the Members and their families also have / will 	<p>SNU is deeply committed to the well-being and welfare of its faculty, staff members and their families. We believe that good health and a well-adjusted work-life balance are essential for productive living. Towards the same, SNU has provisioned for a bouquet of offerings to its members and/or their families to inculcate a healthy work-life balance principle. Some of the current offerings are as stated below:</p> <ul style="list-style-type: none"> • Annual Health Check-up • Considering the Covid-19, Annual Health Check-up got extended to employees' family members. • Dental Coverage • Marriage Gift • New Born Child Gift • Maternity Benefit • Access to: - Indoor Sports Complex Facilities - Aerobics, Athletics, Badminton, Basketball, Chess, Gym, Squash, Table Tennis, Yoga Zumba - Outdoor Games - Tennis, Volleyball, Football Cricket - Clubs - Chess Club Runners' Club - Cross Country • 247 Health Centre - operated by Blue Circle Medi Services • On-campus Crèche, HDFC Bank, ATMs, Post Office, Unisex Saloon, Minimart For Members staying in Campus Housing: Apart from the above listed facilities, the Members and their families also have / will 	<p>1. Following insurance policies have been extended to Ph.D. Scholars: a. Group Medical Insurance b. Group Term Life Insurance c. Group Accidental Policy</p> <p>2. For UG and PG Students: SNU has Group Accidental Policy</p>

have access to: • Exclusive sports training facilities for children of members staying at Campus Housing • Library facility • Separate Children Play Area for under 6 and 6 years • Open Gym for Adults • Shuttle services to Noida, Greater Noida Dadri • Grocery Shop for all basic needs • Dedicated Unit for Birthday / Festival celebrations / Gathering • Weekend Movie sessions • Transportation facility for School Children • Laundry facility • Food delivery facility • Wi-Fi and intercom facility • Security CCTV facility

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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, the University has a mechanism for internal and external audit. The University has a full-Fledged Finance Function since inception (i.e. 2011 onward) to ensure maintenance of annual accounts and balance sheet of the University and audit thereof. The University has a separate internal audit department manned by qualified chartered accountants and experienced audit personnel. The internal audit team audit the financials of SNU on quarterly basis and submit report thereof to the management and trustee. The finance team replies to the queries of the internal audit report and do adhere the recommendations made by the internal audit department and regularly follow-up with the open items, if any. The University has appointed external auditors from BIG 4 auditor companies to conduct Statutory Audit yearly. Now we have appointed KPMG to conduct statutory audit. And we have also appointed KPMG to conduct GST audit quarterly

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Shiv Nadar Foundation	1695900000	Meeting Operating Expense
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6.4.3 – Total corpus fund generated

194411000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	Yes	KPMG	Yes	IQAC Sub Committee
Administrative	Yes	Purple Audecity	Yes	IQAC Sub Committee

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. Interaction between the faculty, parents and management in the fifth convocation ceremony 2. Feedback by parents on curricula through the annual survey mechanism at SNU 3. Constructive discussions and interactions are encouraged between faculty and parents throughout the year. Parents are free to meet and discuss on various aspects of the University to faculty, HoDs, Directors and Vice Chancellor. 4. Parents and HRs of various corporates participated in the HR conclave organised by SNU

6.5.4 – Development programmes for support staff (at least three)

1. Conducted Staff welfare Learning Exercise on 19th December 2019 2. Conducted Spotlight 2019 for Staffs as an outdoor activity 3. Weekly Sports competition among faculty and Staffs 4. Organization of medical health checkup for faculty and staffs

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Plan to review the organisational structure of the student welfare office 2. Plan to review and channelise the goals in achieving the Founder's objective 3. Feedback survey mechanism for faculty and staffs. 4. Review of Sabbatical leave policy. 5. Review of Curricula for few programs and start of new programs.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Colour Me Queer	14/02/2020	14/02/2020	15	10

Rangeela	14/09/2019	14/09/2019	20	20
Queer Rangoli	13/02/2020	13/02/2020	6	4
Delhi Pride Walk	24/11/2019	24/11/2019	20	10
Pride Month (Online Activity)	22/06/2020	30/06/2020	Nil	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>1. Total power from alternate source used by campus is around 3.5 of annual requirement. 2. Conversion of Conventional Light Fixture to LED fixture in class room/Lab 3. Installation of Water Meters in each overhead tanks for controlling water wastage 4. Measurement of Indoor Air quality for ensuring healthy environment in work place. 5. Sanitization of Overhead and underground water storage tanks 6. Kitchen Exhaust Duct Cleaning 7. Replacement of Media filter for water filtration plant in UB-1. 8. Replacement of STP Membrane 9. Replacement of Cooling Towers Fins 10. Replacement of Honeycomb Air Filters of Air Washers 11. Periodic Testing of Drinking Water 12. Refilling and Pressure Testing of Fire Extinguishers 13. Safety Tapes in Utility Area</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Braille Software/facilities	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Student Handbook	19/07/2019	Student handbook is very useful for the students of freshman batch, as it guides them with the culture of the University and available

facilities in the one document. Handbook includes code of conduct, academic conduct, policies, campus life etc.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Installation of roof top solar heater in hostels, DH-1, ISC, villas and towers. 2. Installation of roof top solar power panels at ISC, BS and UB-2. 3. Recycling of treated water through STP for horticulture and recharging of natural lake and ground water. 4. Phasing out of RO for water purifier to prevent water wastage. 5. Optimum usage of organic compost machine to generate organic manure and prevention of land fill. 6. Installation of solar operated pumps for biodiversity parks 7. Stoppage of non productive exploitation of DG sets to prevent air pollution/reduced carbon foot print 8. Statutory complaint for Air and water pollution as per UPPCL

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Practices Promoting Research-Based Teaching Creativity / Innovation Focus • Institutionalized Multidisciplinary Interdisciplinary Teaching-Learning -- Shiv Nadar University students learn in a strong, broad-based pedagogical structure, covering diverse spheres of Humanities and Social Sciences, Natural Sciences, Technology and Engineering studies, Arts, Communication and Management, breaking disciplinary silos needed in the world today, while the students gain deep understanding in a Major subject of their choice. • Flexibility, Industry Relevance and Mandatory Research / Exploration - Students undertake some coursework in Research, Experiential and Applied Learning within the framework of the programs, and also industry internships / projects / UG thesis. • Center for Creativity and Design -- promoting project-based learning, to tap into the potential of "connecting the left brain (verbal, analytical, and orderly) to the right brain (visual and intuitive)". • Opportunities for Undergraduate Research (OUR) program -- an innovative extra-curricular research opportunity for UG students to explore their curiosity and expand their skills in research methodologies, with funding from the University annual OUR Conference and prizes. Enabling Structures • Research Centers - to consolidate and propel high-impact interdisciplinary research in priority areas, drawing on the strengths of experts from multiple disciplinary Departments, e.g. in Water Science Policy. • IPR Cell Incubation Centre - SNU hosts an Atal Incubation Centre, supported by the Niti Aayog. Hackathons / Ideathons are organized in partnerships with industry. 2. Practices to Enable and Empower Faculty • Generous grant to seed research in state-of-the-art laboratories, continuous Faculty Professional Development Grant, attractive fellowship for Ph.D. students • Constructive appraisal (annual) based career progression • Faculty Development Center -- to recognize faculty as professionals, and support them in their teaching (and research) by providing a comprehensive program of services and resources, exposure to best practices from all over the world. 3. Practices for Student-Centric Holistic Development in a 24x7 Residential Campus • Student Mentoring and Advising System - a robust network of peer advisors, faculty mentors, departmental advisors and heads, and professional 'Wellness

Team' • State-of-the-art indoor and outdoor Sports infrastructure • On-Campus (part-time) Job - unique opportunities for undergraduate students to gain experiential and applied learning and help them inculcate ethics, leadership and service attributes, while they earn! • Placement and Career Development Center 4. Green Campus Practices - green cover created and maintained, along with a unique Biodiversity Park, and a campus wetland modest rooftop solar power system functioning Condensate from the air-conditioning system stored and recycled 500 KLP Sewerage Treatment Plant working, output of which is used for irrigation. 5. Practices of Outreach and Social Engagement -- actively involved in community outreach, teaching underprivileged children basic communication, mathematics and civic etiquettes, discussions on sanitation, basic hygiene, waste management and cleanliness, plantation drives etc. Merit-based admission process, affordable education - practices upholding diversity and inclusion. 6. Good Governance Practices - Participatory, consensus oriented, accountable, transparent, responsive, effective efficient, equitable inclusive, and legal. Our alumni are young, and the University has already started to harness the power of its alumni through various initiatives, to engage the alumni in the management of the University.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://snu.edu.in/research/undergraduate/our-program>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Creation of a Research and Innovation Ecosystem, Involving both Undergraduate and Graduate Levels of Studies SNU is a research focused and innovation driven University, in that academic research in its broadest meaning, including basic and applied research, scholarly publications and creative expression, is the fundamental building block of the academic mission of the University. All faculty at SNU are appointed, evaluated and promoted based on the contribution to research activity and all students, regardless of the discipline they're studying and regardless of whether they are undergraduate, post-graduate or doctoral students, are required to participate in research, scholarship or activity that produces new knowledge or creative works. The University is characterized by its strong emphasis on interdisciplinary research, which actively engages faculty and students in addressing the most pressing problems faced by the world. Several research centers are engaged in such interdisciplinary work. Some of the key parameters highlighting the institutional focus on research and innovation: • of Full Time Faculty with PhD or Post-Doctoral experience: About 93 • Total no. of research papers published by SNU faculty members >5000 • Research output with SNU affiliation ~ 900 (Scopus) • Amount invested in creation of conducive research infrastructure: Approx. Rs. 30 Crores • No. of Full Time PhD students enrolled: About 200 • Stipend paid to SNU PhD students by the Shiv Nadar Foundation is highest in India • More than 400 students have participated in Opportunities for Undergraduate Research (OUR) program and many of them have resulted into research papers by UG students • Extramural research funding: About Rs. 30 Crores • Externally sponsored projects: About 70 at present • SNU is registered with Department of Scientific and Industrial Research (DSIR)- An acknowledgement of the fact that the university is a research institution Awards and Recognitions for research and innovation • NIRF Rankings 2019 - the University is the youngest to feature in the 'top 100' amongst all the Indian universities • The University's scholarly activities and their impact in the immediate neighbourhood and/or in the country and/or in the world reveal some peaks of excellence already, which have caught the attention of the media. For

example: o A Chemistry faculty, Dr. Gouriprasanna Roy has designed and synthesized a compound that can reverse toxic mercury poisoning. o A multidisciplinary (Mechanical Engineering and Life Sciences) team of researchers at the University has filed a patent on "An Apparatus and a Method for Processing Stainless Steel and an Improved Stainless Steel for Bioimplants Thereof", which is likely to have a huge impact. • All the Departments in the School of Natural Sciences - Mathematics, Chemistry, Life Sciences and Physics -- have now earned the prestigious DST-FIST (Fund for Improvement of ST Infrastructure) grant. • The University has been selected for hosting an 'Atal Incubation Centre' as part of the 'Atal Innovation Mission' of Niti Aayog and Shiv Nadar University has been sanctioned a grant of INR 8.8 crores.

Provide the weblink of the institution

<https://snu.edu.in/research>

8.Future Plans of Actions for Next Academic Year

- Staffs will be trained for ISO accreditation.
- Improvement in faculty hiring and faculty retention.
- Immediate procurement of writing tablets for faculty to enable and enhance online teaching.
- Reviewing of FPDA fund