

Shiv Noddy

Annexure-II

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110 002

PROFORMA FOR SUBMISSION OF EXPERT COMMITTEE REPORT –
STATE PRIVATE UNIVERSITIES

Part – I – Preliminary

(i)	Constitution of the Expert Committee	<p>1. Prof. S.K. Joshi Fellow, Indian Academy of Sciences & National Academy of Sciences, Former DG, CSIR & Member UGC, M-56, South City, 32nd Mile Stone, Jaipur Highway, Gurgaon (Haryana). Ph. 0124-2383700 (R), 09899333258 (M) E-Mail: skjoshinpl@gmail.com</p> <p>2. Prof. G.D. Yadav - Fellow, National Academy of Sciences & Indian National Science Academy, Vice-Chancellor & RT Mody Distinguished Professor, Institute of Chemical Technology, Mumbai - 400 019. Ph. 022-33611001 (O), 09833090510 (M) E-Mail: gdyadav@gmail.com</p> <p>3. Prof. Mariappan Periasamy Fellow, Indian Academy of Sciences, School of Chemistry, University of Hyderabad, Hyderabad - 500 046. Ph. 040-23134814 (O), 23010904 (R), 09949093904 (M) E-Mail: mpsc@uohyd.ernet.in</p> <p>4. Prof. (Ms.) Neharika Vohra Chairperson, The Fellow Programme in Management (FPM), Indian Institute of Management, Ahmedabad - 380015. Ph.079-26324918 (O), 26325010 (R), 09426750623 (M) E-Mail: neharika@iimahd.ernet.in</p> <p>5. Prof. R.G. Kothari Dean, CAS Department of Education, The M.S. University of Baroda, Vadodara- 390 002. Ph. 0265-2795516 (O), 097414799445 (M) Email : rgkothari@yahoo.com</p> <p>6. Prof. D. Mukhopadhyay Department of Education, University of Kalyani, Kalyani - 741235. Ph. 033-23503493 (R), 09433517020 (M) E-Mail: d11mukhopadhyaya@hotmail.com</p>	<p>Chairman</p> <p>Member</p> <p>Member</p> <p>Member (She attended on 26th April but could not remain present on 27th April due to other commitment)</p> <p>Member</p> <p>Member</p>
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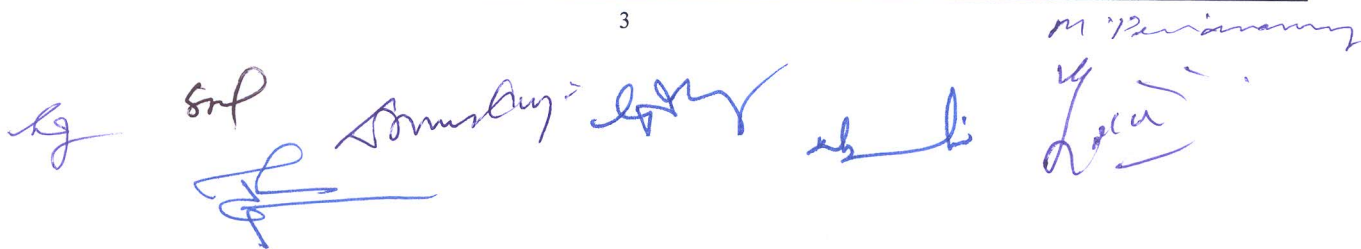
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- A signature that looks like "SMP" with an arrow pointing to the left.
- A signature that looks like "Shiv Noddy".
- A signature that looks like "R.G. Kothari".
- A signature that looks like "D. Mukhopadhyay".
- A signature that looks like "M. Periasamy".

		<p>7. Dr (Smt) Samrajya Lakshmi Jt Secretary, UGC E-Mail: ssiwach.ugc@nic.in</p> <p>8. Prof. S.V.S. Chaudhary Director, Research & Training IGNOU, Maidangarhi, New Delhi-110068 Ph: 011-29572941, 29532056(o) 011- 26492844(R), 09868502844(M) E-Mail: chaudhary38@hotmail.com</p> <p>09. Dr. Gopal Mugeraya Director National Institute of Technology Agartala, P.O Former Tripura Engineering College Barjala, Jirania, Tripura (W) 0381- 2546630,09485136922 (M) E-Mail: nitadirector@gmail.com</p>	<p>Co-ordinating Officer</p> <p>NCTE Nominee</p> <p>AICTE- Nominee</p>
(ii)	Date (s) of the visit	26-27 April 2016	
(iii)	Any other information (Non-Participation of members, any special or situation/ difficulties relevant to the report)		Bar Council of India nominee did not attend

Part – II – Introduction

(i)	Brief Introduction of the University (refer 1.1 of the format)	The Shiv Nadar University has been established under Uttar Pradesh Act, 2011 (U.P. Act No. 12 of 2011). Notification No. 311(2)/LXXIX-V-1-11-1(Ka)9- 2011 dated 06.04.2011
(ii)	Date of establishment of the University (refer 1.4 of the format)	6 th April 2011

(iii)	Brief description of the University and its faculties//courses	<p>The Shiv Nadar University was established in 2011, under an Act of the State of Uttar Pradesh, by the Shiv Nadar Foundation, a philanthropic organization founded by Mr. Shiv Nadar, Founder and Chairman of HCL, one of India's largest and most successful Information Technology groups, and Chairman of the Shiv Nadar Foundation. The Foundation is committed to creation of a more equitable, meritocracy-based society by empowering individuals to bridge the socio-economic divide, primarily through the creation of educational institutions, which would outlast its Founder and provide meritorious students from all walks of life, the opportunity to receive world-class education</p> <p>As per the financial arrangement between the Foundation and the University, the committee was presented a document which states that</p> <p>"In view of the Shiv Nadar University Uttar Pradesh Act, 2011 as passed by the Uttar Pradesh Legislature, SNF is the sponsoring body and is responsible for providing amongst other, the infrastructure and fulfill other commitment therein. In the spirit of the Shiv Nadar University Act and lease agreement signed between SNF and UPSIDC, SNF is and will continue to create the infrastructure and purchase the assets for the exclusive use of the University. It is further hereby acknowledged by SNU that fixed assets (including capital work in Progress) worth Rs. 6,848,047,936 (Rs. Six Hundred Eighty Four Crores Eighty Lacs Forty Seven Thousand Nine Hundred Thirty Six only) have been acquired, purchased or created by the SNF as of March 31, 2015 for the exclusive use of SNU, for which no charge has been levied or recovered by the Foundation. It is assured by SNF that it will not levy any charge against the use of the assets and infrastructure created by SNF for exclusive use of the SNU."</p> <p>It is located on a sprawling 256 acres fully residential campus, about 50 kms. from the central Delhi and is well connected by road to NH-24 via NH-91. The university is also within 1-2 kms. of radius from the under-construction Eastern Peripheral Expressway (EPE) and a proposed Multi-Modal Transport Hub at Bodaki, consisting of metro, rail and road connectivity, a part of Delhi-Mumbai Industrial Corridor project.</p> <p>The academic mission and purpose of the university have been able to attract internationally recognized faculty creating an excellent intellectual pool, exceptional for a new, four year old institution. The faculty members have been trained at some of the finest institutions in India and in the world such as MIT, Harvard, Cambridge, Oxford, University of Pennsylvania, University of California (Berkeley), University of Chicago, University of Michigan, Indian Institute of Science, IITs and IIMs etc. The academic caliber and prowess of the faculty is evident by the fact that the total number of research papers published by them is close to 5000. The university also has academic collaborations with highly reputed institutions such as Duke University, Carnegie Mellon University, and University of Pennsylvania among others.</p>
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A meticulous planning has been done in designing the campus. The campus plan has been benchmarked with globally acclaimed campuses in view of its research focused, and fully residential nature.

The core of university's teaching philosophy is experiential and applied learning to compliment the class-room learning. To facilitate this, the university has excellent teaching labs in addition to research labs.

SCHOOLS AT SNU

- School of Engineering
- School of Humanities & Social Sciences
- School of Natural Sciences
- School of Management & Entrepreneurship
- School of Extended Education and Professional Development

Courses Offered

Undergraduate

B. Tech –

Civil Engineering
Computer Science & Engineering
Chemical Engineering
Electrical & Electronics Engineering
Electronics & Communication Engineering
Mechanical Engineering

B.Sc. (Research)-

Biotechnology
Chemistry
Economics
Mathematics
Physics

B.A. (Research)-

English
History
Sociology

PG Diploma

PG Diploma in Business and Data Analytics
PG Diploma in TEST

Graduate

M.Tech.
M.B.A.
M.F.A.
M.F.A (Film & Television)
M.Sc. - Data Analytics
M.Sc. Economics
M.Sc. Mathematics
M.Sc. Bioinformatics & Cheminformatics
M.A. - English

Doctorate

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		Civil Engineering Chemical Engineering Computer Science & Engineering Electrical Engineering Electronics & Communication Engineering Mechanical Engineering English Economics Sociology Chemistry Mathematics Physics Life Sciences
(iv)	Brief description of the Trust/Society that governs the University	Shiv Nadar University was established by the Shiv Nadar Foundation which was established in 1994 by Shiv Nadar, Founder, HCL- a US\$ 7 billion leading global enterprise. The Foundation is committed to the creation of a more equitable, merit-based society by empowering individuals through transformational education to bridge the socio-economic divide. To that purpose the Foundation has established institutions and programs in the underdeveloped disciplinary areas in India related to rural and urban education and art.

Part – III – Summary Report

A. Legal Status

(i)	Is the University duly established under the law and as required in the UGC Regulations? (refer 1.10 and 1.11 of the format)	Yes. The Shiv Nadar University has been established under Uttar Pradesh Act, 2011 (U.P. Act No. 12 of 2011) Notification No. 311(2)/LXXIX-V-1-11-1(Ka) 9- 2011 dated 06.04.2011
(ii)	Is the Trust/Society involved in promoting the University sufficiently focused on educational activities and independent of their business or any other interest, if any?	Yes. The promoting trust has been established by one of the founders of the Indian IT industry, who believes himself to be a product of education and entrepreneurship. The trust has been created with philanthropic intent to serve the society and the nation through education. The founder of the university is also the Founder and Chairman of HCL group of companies, one of the largest IT agglomerates in India and in the world having a market cap of about \$ 23 Billion. The Foundation is independent of the business.

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B. Organization Description

(i)	Does the University abide by UGC Regulations on off-campus centres Yes No Not Applicable (refer 2.4 of the format)	Yes. It does not have any off-campus centre.
(ii)	Does the University abide by UGC Regulations on off-Shore campus centres Yes No Not Applicable (refer 2.5 of the format)	Yes. It does not have any off-shore campus centers.
(iii)	Does the University offer courses under distance mode with the approval of competent authority of the Government of India? Yes No Not Applicable (refer 2.6 and 2.7 of the format)	No. The university does not offer any course under distance mode.

C. Academic Activities

(i)	Are the courses offered by the University narrowly focused or adequately diverse?	<p>The university is offering innovative, multi-disciplinary programs with special emphasis on developing critical thinking, interpretive skills, scientific exploration and normative principles into students. They are adequately diverse. For instance, students of engineering are allowed to take courses from economics, arts and archaeology.</p> <p>The university offers a full range of general and professional degree programs from the Bachelors to the Doctoral level in engineering, sciences, humanities, management and economics which allows interaction among various disciplines and faculties. It has 5 Schools as of day: Engineering; Natural Sciences; Humanities and Social Science; Management & Entrepreneurship; and Extended and Education Professional Development with 16 academic departments or programs ranging from Electrical Engineering to English, from Physics to Marketing and from Economics to Computer Science.</p>
(ii)	Are the list of courses for the award of degree as per the Section 22 of the UGC Act, 1956?	Yes

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(iii)	Is the sanctioned intake is as per norms/intake sanctioned by the concerned Statutory Council(s)/UGC?	Yes
(iv)	Whether courses run are approved by concerned Statutory Council(s)?	Yes
(v)	Are there adequate support facilities for students especially for disadvantaged students? (refer 4.5 of format)	Yes The university provides scholarships to all admitted students on the basis of academic merit. Additionally, it has tied up with banks for loan facilities for students. It has started an interesting peer learning initiative "Learning and Academic Support Centre (LASC)" to empowers students to teach and learn simultaneously while taking ownership and responsibility of helping their peers in expanding their horizon of knowledge.
(vi)	Are the students adequately informed? (refer 4.7 and 4.8 of the format)	Yes
(vii)	Is there a Grievance Redressal Mechanism and is that working properly? (refer 4.9 of the format)	Yes. The university has appointed a Nodal Officer as per the UGC guidelines and is a part of UGC's grievance redressal portal. In addition to this, the university has various committees which looks into specific kinds of grievances such as Anti-Ragging Committee. Gender Sensitization, and Anti-Sexual Harassment Committee etc.
(viii)	Is the University following proper procedure for formulation and revision of curriculum on periodic basis? (refer 5.1 to 5.4 of the format)	Yes. The University updates its curriculum regularly in consultation with the external academic and industry experts. It also seriously considers inputs received from the recruiting companies.
(ix)	How regular, fair and transparent is the examination system? (refer 5.7 to 5.14)	The university follows an instructor driven Continuous Assessment system. The assessment scheme is announced and published by every instructor at the beginning of the semester. The answer sheets are shown to the students for every component, including the end-term examination and the students are given the opportunity to appeal if they are not satisfied with the grading. The examination results are announced within 10-15 days of the last day of end-term examination by an online system.

D. Admission Process

(i)	Does the University follow fair and transparent procedure for admission? (refer 6.1 and 6.7 of the format)	Yes
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(ii)	Do any special reservation on quota follow clearly laid down policy?	No
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E. Fee Structure

(i)	Are the students sufficiently informed about the fees and charges payable?	Yes. The very first graduating (founding) class has not paid any fee to the University as per the policy of the Foundation. Also they are providing freeship at different levels depending on their score which is categorized as A (full tuition waiver) ,B (90% freeship), and C (70% freeship). Any students who fails to get 6.0 has to pay total fee for the particular semester and the free ship is restored once the candidate attains grades above 6.00.
(ii)	Does the University follow its own declared policy in collecting any fees or charges or are there some charges over and above the publically stated fee structure?	Yes.
(iii)	Is the mode of fees collection transparent or are there complaints of payments without receipts?	Yes. There are no complaints.
(iv)	Are the fees reasonable compared to costs involved in running the programmes and to other similar institution?	Yes
(v)	Is the fee structure based on a policy or guidelines laid down by the Government?	No. They have their own policy which is better.
(vi)	Is there any indication of the University being run solely or primarily for commercial gains?	No.




F. Faculty

(i)	Does the University follow pay Scales and services conditions laid down by the UGC?	Their pay structure is better than UGC. Special allowances are provided – such as mobile phones, free transportation, lease accommodation, broadband connection allowance, car running and maintenance are provided.
(ii)	Is the faculty well qualified and well trained for the courses? (if required, please make comments separately for each faculty/department)	95% faculty members possess Ph.D. degrees except Departments of Performing Arts and Communications.

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(iii)	Is the proportion of permanent faculty adequate or is the University being mainly run by deploying contractual faculty / guest faculty / part time faculty?	Permanent faculty is about 90%.
(iv)	Has the University followed due process for recruitment of faculty?	Yes

G. Infrastructure

(i)	<p>Are the following infrastructure facilities adequate?</p> <ul style="list-style-type: none"> ➤ Land and Building ➤ Class Rooms ➤ Laboratories and equipment ➤ Library ➤ Sport facilities ➤ Residential accommodation including hostels 	Yes. In fact, all facilities are World Class. The Committee was extremely pleased to witness such thoughtful creation of facilities and expansion plans.
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H. Financial Viability

(i)	Does the University have adequate and independent funds?	Yes
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I. Governance System

(i)	Are various authorities and bodies responsible for the governance of the University in place and working regularly and properly?	Yes. The governance system is working effectively through various authorities and bodies.
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J. Research Profile

(i)	<p>How would you rate the research profile of the University in terms of Research orientation, environment, facilities and output?</p> <p>(please give comments separately on faculties and departments)</p>	<p>The Committee was very happy to see that their approach is research centric. High end characterization facilities worth over Rs 30.00 Crore have been created. It is amazing to see research output across all disciplines in high impact factor journal and books. Scholarly articles have been published and critically acclaimed books in humanities have been produced. Such effort being made by a private organization is laudatory.</p>
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K. Miscellaneous

(i)	Is the Non-teaching staff adequate, well qualified and paid as per the norms of the concerned state Government?	Yes
(ii)	Do the academic results show evidence of independent and rigorous evaluation prior to the issue of degree?	Yes
(iii)	Has the University obtained necessary and desirable accreditations?	Yes

L. Strength and Weaknesses of the University

(i)	Strengths of the University	<ol style="list-style-type: none"> 1. During a short span of existence, SNU has established as an upcoming and promising university with a focus on a globally competitive brand value. It is a vibrant place where everybody was enthusiastic about their duty and role. 2. It has developed a unique multi-disciplinary curriculum at the undergraduate level providing students with an unprecedented, well-rounded education by synthesizing broad, and strong multidisciplinary foundation with a solid training in their selected discipline. 3. The curriculum emphasizes on fostering students' ability to integrate critical thinking, interpretive skills, scientific exploration and normative principles 4. The in-built flexibility of the undergraduate curriculum has scope for every student to progress through the program at his/her own pace, allowing every student chart out its own academic path and pace. 5. The university also provides a great flexibility to students to change their major during the course of their originally chosen program as per their interests and abilities thus providing an option of mid-trajectory correction for their career paths. This flexibility has allowed students to transcend disciplinary barriers by switching majors not just during their undergraduate program but even after they graduate and go for higher studies. This is a good example Choice Based Credit System of the UGC.
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		<p>6. The university's research programs are contemporary and in frontier areas of research. Faculty have been recruited carefully in chosen areas based on their expertise, post-doctoral or industrial experience.</p> <p>7. The physical infra-structure as well as facilities for research created in a span of 5 years are really remarkable.</p> <p>8. The interaction of faculty from different disciplines due to careful planning of faculty cabins and their locations is noteworthy. Such kind of approach is rarely found in other places.</p> <p>9. The campus is beautifully spaced and construction is going on massive scale to create new academic buildings and quartets and sports facilities, including biodiversity park.</p>
(ii)	Weaknesses of the University	<p>1. The public perception of a private university is poor which acts as a disadvantage on many fronts.</p>

Part – IV – Recommendations

A. General Observation and Suggestions (Please avoid repetitions of the point mentioned above)

1. The committee appreciates and welcomes the intent of the Shiv Nadar Foundation in creating world-class infrastructure for the university and its commitment to support the university till it becomes self-sustainable. All stake holders were appreciative of the Foundation and University administration.
2. Shiv Nadar University is a comprehensive, multi-disciplinary, student-centric, research university founded university with ambitious plans in academic excellence to the best internationally recognized universities.
3. The university offers an interesting blend of programmes wherein students can get in-built flexibility of the undergraduate curriculum to progress through the program at his/her own pace and synthesize a final degree with different subjects across the disciplines.
4. The university has created excellent infrastructure and facilities on the campus as well as advanced stage of construction. This include teaching areas including seminar halls, theatre style class rooms, tutorial rooms, smart class rooms, discussion rooms, and wide, and airy circulation areas, world class research block with excellent research facilities, aesthetically designed library, student and faculty residential complexes, dining and recreational areas, a magnificent indoor sports complex and outdoor sports facilities available for the residents.
5. The university has spent significant amounts for creation of a conducive and enabling research environment and has also provisioned for seed funding to encourage these faculty members.
6. The faculty members have published 88 books and/or chapters, 350 articles in refereed journals, 381 conference papers or presentations which is remarkable for a private university.
7. The have secured 40 extra-mural research projects with a funding of Rs. 12.2 Crores in a very short period of 4 years.
8. The publications include high impact, prestigious journals such as Nature Communication, Accounts of Chemical Research, Physical Review Letters etc. These demonstrate the quality of faculty and students.

9. The faculty members have also received many honours and awards in the last four years such as DBT Innovative Young Biotechnologist Award, INSA Medal for Young Scientists, DBT Ramalingaswami Fellowship, DST Inspire Faculty Award, etc.
10. The university has established many research centres to encourage and facilitate interdisciplinary research such as Big Data Analytics Center (BDAC), Center for Emerging Societies (CES), Center for Environmental Sciences & Engineering (CESE), Center for Informatics (CFI), Center for Public Affairs and Critical Theory (C-PACT), and Institute for Innovations & Inventions with Mathematics and I.T. (IIIMIT). This is laudatory.
11. The Opportunities for Undergraduate Research (OUR) programme is enabling its undergraduate students to undertake research projects with the faculty members outside the regular curriculum to publish their research work into high-impact journals. This will also enable them to retain good quality faculty and students during fledgling years.
12. The admissions process at the university is completely online and student mix is from 27 States.
13. The fee structure is published online and there is no hidden charges levied. The university follows a merit-based/need-blind system, with no management quota or other form of preferred admissions, to admit the most talented students from the applicant pool.
14. All admitted students are supported by the Shiv Nadar Foundation by scholarships and/or stipends. The Foundation has given total scholarships and stipends to the tune of Rs. 100 crores in last 5 years which has helped the university get the best talent among its student body drawn from 27 states from across the country, exemplified by the fact that the average 12th standard marks of all undergraduates at SNU is over 90%. The university also offers handsome financial support, one of the highest in the country, to attract and retain best Ph.D. students.
15. In certain engineering departments, undergraduate laboratories should be better equipped, for instance, in Chemical Engineering some laboratories for mass transfer and chemical reaction engineering need to be upgraded since this is the latest addition to their programmes.

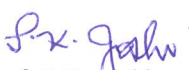
B. Operations recommendations which require satisfactory compliance by the University before issue of Approval Letter

Nothing.


C. Final Recommendations

(Whether the University should be granted Approval Letter/ Approval Letter subject to compliance/ Should Not be granted Approval Letter)

The Shiv Nadar University should be given Approval letter.


Prof. S.K. Joshi

Chairman


27.4.16
Prof. G.D. Yadav

Member


Prof. Mariappan Periasamy

Member

Prof. (Ms.) Neharika Vohra

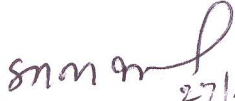
Member


Prof. R.G. Kothari

Member



Prof. D. Mukhopadhyay

Member


27/4/16


Prof. S.V.S. Chaudhary

Member (Nominee NCTE)


27/4/2016

Dr. Gopal Mugeraya

Member (AICTE Nominee)


27/4/16

Dr. (Smt.) Samrajya Lakshmi

Co-ordinating Officer, UGC

Name and Signature of the Expert Committee

~~(Name and Signatures of the Expert Committee Members)~~



