

SHIV NADAR UNIVERSITY

School of Engineering

Ph.D. Admission Announcement: 2018-2019, Spring 2019

Department of Mechanical Engineering

The Mechanical Engineering Department in the School of Engineering at Shiv Nadar University invites applications for admission in the Ph.D. program. Candidates admitted under full time PhD will be receiving a stipend of Rs. 35,000 (thirty five thousand rupees) per month for a period of four years. There is a provision for part time PhD admission also. However, no financial support will be provided for part time doctoral program.

Broad Research Areas:

- Materials, Nanotechnology, Manufacturing, Tribology and Biomimetics
- Advanced Structural Materials for High Temperature Applications- High Entropy Alloys
- Vibrations and Aeroelasticity
- Heat and Mass transfer, Refrigeration, Solar Energy
- Computational mechanics
- Robotics, Mechatronics and Control - Bio-inspired Robot
- Thermal/Energy

More detailed descriptions of research interests of our faculty can be found at http://snu.edu.in/engineering/engineering_mechanical_engineering_faculty.aspx

Many of our research projects are interdisciplinary in nature, involving collaborations with other schools and research centers of the university.

Eligibility

Level of Education of Applicant	Selection process
1. ME/MTech degree in Mechanical / Aeronautical / Aerospace / Automobile /Industrial Engineering/Material Science and Engineering/Nano Science and Technology/Chemical Engineering/Structures, with a minimum of 60% marks or an equivalent grade point from a recognized technical institute or university. AND B. Tech/BE. in Mechanical/Aerospace or relevant Discipline. Candidates who have qualified for GATE are highly preferred. Applicants waiting for the qualifying examination results are also eligible to apply.	Shortlisted candidates will be intimated well in advance for appearing in written tests and interview. The written tests and interview will be conducted at Shiv Nadar University (SNU) campus in Gautam Buddha Nagar District (near Greater Noida), U.P. Separate Test and Interview Centers may be opened at various locations within India depending upon the pool of shortlisted applicants.

Selection Process: The eligibility criteria mentioned above are minimum standards and applications not meeting the same will be summarily rejected. Short-listed candidates will be required to demonstrate their knowledge through an on-site written test and interview, to be held in **Dec 2018**. Selections will be based on past academic performance, written examination and/or interview. **Please note that not all candidate meeting the minimum eligibility criteria may be shortlisted.**

Syllabus for Mechanical Engineering (MED)

ENGINEERING MATHEMATICS

Linear Algebra, Calculus, Differential equations, Probability and Statistics, Numerical Methods

MECHANICAL ENGINEERING

Strength of Materials, Fluid Mechanics, Heat Transfer, Thermodynamics, IC Engines, Refrigeration and Air Conditioning, Theory of Machine, Machine Design, Turbomachines, Computer Integrated Manufacturing, Robotics, Operation Research and Engineering Materials, Surface Engineering and Tribology, Renewable energy technology, Production Technology.

Fees and Assistantship

SNU provides attractive financial assistance in the form of substantial Tuition (90%) and Hostel Fee waivers (70%), and an attractive Assistantship of ₹ 35,000 per month (**for a maximum of 48 months**) to attract the best candidates.

Particulars	Fee	Remarks
Admission Fee (Non-refundable)	₹ 25,000	One-time fee payable at the time of admission in the first year of the Ph.D. program
Security Deposit (Refundable)	₹ 75,000	
Sub-Total (One Time):	₹ 1,00,000	
Tuition Fee (per year)	₹ 11,000	(after 90% waiver)
Hostel Fee – Single Room (per year)	₹ 37,500	(after 70% waiver)
Medical Insurance	₹ 3,500	
Sub-Total (per year):	₹ 52,000	

The fee waivers and assistantships will continue subject to satisfactory academic performance evaluated at the end of each year.

Application Instructions:

All interested applicants should apply online by clicking on “Apply Now” button. Please follow the instructions carefully.

- Fill all the mandatory fields
- **Online upload** the following documents:
 - Passport size color photograph
 - Current CV
 - All Mark sheets/Degree Certificates (10th Standard onwards)
 - Standardized Examination certificate- CSIR, UGC, GATE etc. (If applicable)
 - **A Statement of Purpose**
- **Application Fees:** You will be required to pay a non-refundable application fees of ₹ 1,200 (One Thousand Two Hundred Only). **The application fee may be paid online or a Demand Draft (in favor of “Shiv Nadar University” payable at NOIDA) may be sent to the under mentioned address.**
- After online submission, print the completed form and send by speed post at the address given below. A reference letter in support of your application will also be required.
- Following is the checklist of the documents (You may add additional documents if required)
 - Completed form
 - At least one reference letter in support of application
 - Demand Draft for application fee (If online-fee payment mode is not used)

Please note that the application is not deemed complete until we receive all the prescribed documents and application fees.

Important Dates

Last date for the receipt of completed application form & application fee	November 28, 2018
Written Tests and Interview	December 10, 2018*
Declaration of Results	December 20, 2018*

*Note: These dates may be subject to change.

Applications will be considered immediately upon receipt and shortlisted candidates will be notified (email) by Dec 3, 2018 (tentatively). Hence, candidates are urged to apply as early as possible. You will be contacted for further admission procedure in case you fulfill the admission criteria and get shortlisted for written test and interview.

Supporting documents may be sent by Speed Post to:

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Administrative Assistant
Mechanical Engineering Department
School of Engineering
Shiv Nadar University
P.O. SNU, NH-91, Tehsil Dadri
District Gautam Buddha Nagar, UP 201314
Telephone: 0120 266 3801 Ext. 701
bhupender.verma@snu.edu.in

For further enquiry or information visit our website www.snu.edu.in

OR

Contact Dr. J Venkatramani, j.venkatramani@snu.edu.in (Faculty-in-charge, Post Graduate Programs).

APPLY NOW