

Application Guidelines

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Eligibility Details

- Candidates currently enrolled in a Bachelors or Masters' degree in Atmospheric and earth Sciences; Chemical Sciences; Engineering; Mathematical and Computational Sciences; and, Physical Sciences are eligible to apply.
PhD students are NOT eligible to apply
- Applications in subject - fields other than those specified in the advertisement will not be considered.
- Only those candidates who shall be completing their degree program on or after **May 2020** are eligible to apply.
- This year applications are accepted through nominations/endorsements only. The departments from each institute have been asked to nominate 2 of their best students from each discipline for the program. Two applications per stream, per department, per institute. For this purpose, for example, the usual two years Masters in physics and Integrated Masters in Physics may be counted as 2 different streams and 2 different applications.
- In case the top 2 nominated students do not wish to apply, your department may choose to endorse other two meritorious students.
- Students with a biology background should consider applying to the **Khorana Program for Scholars**

Online Form Submission

Step 1 Sign in through the Online Application Portal for Visitation Programs. (Use the link given on the top right hand corner of the webpage).

Step 2 Verify your account using the link sent to your registered email id. Please check your spam/junk folders in case the mails are not received in your inbox from support@indousstf.org

Step 3 Login to the Online Portal with the registered Email Id. Please remember your user id and password for future references

Step 4 Click "Apply for – Start Application"

Step 5 Fill in the required details in the form,

Step 6 You may preserve the entered information using the **Save** button given at the bottom of the form.

Step 7 You may retrieve the saved information using your login credentials and **Submit** the form upon completion.

Step 8 You may download the PDF of your completed application after submission. All online applications will receive an automatic email verifying receipt of your application. The PDF format of the application can also be downloaded using the link sent to your registered email id after submission. Please note your Application ID for future references.

Forgot Password:

In case you forget your account password please click on 'Forgot Password?' option on the login page. An email with the link to reset your password will be sent to your registered email ID. Please reset your password and login to your account.

Filling your applications

1. The form must be completed by all applicants in English; please ensure that your respective form is complete and filled to the best of your knowledge before clicking 'Submit'. Applicants would not be able to change or edit their forms after submission.
2. A separate application form must be completed for each program for which you apply. You may choose to apply for more than one visitation program, provided that you fulfil the eligibility criteria.
3. Please note that fields marked with * are mandatory, please enter the necessary information in these fields
4. Do not use capital letters unnecessarily to enter information in the form. Use only where required
5. In the event of the applicant providing false or misleading information he/she will be asked to forfeit the internship/fellowship.
6. Please enter your personal details correctly which will be used for all documentation purposes under the respective program.
7. The address that you provide will be used for all correspondence. Any change of address after submission of the application needs to be communicated to the respective program officer without fail.
8. In the sections "Statement of Purpose" and "Research Experience" please give as much information as possible to enable us to evaluate your application.
9. All documents should be scanned and uploaded in the prescribed format.
10. Supporting documents should be provided strictly according to the check - list mentioned in the application form.
11. In case you do not have a passport, kindly apply for one and select 'Applied for' in the application form.
12. The recommendations need to be on the official letter head of the referee with their ink signature and stamp (if any). If they are comfortable sharing the letters with the candidate; it can be uploaded with the application form. If not, the referees may directly e-mail it to bose@indousstf.org with the **candidate's name_department_institute/university** clearly mentioned in the subject line, well before the submission deadline.
13. One of the referees should be your teacher/tutor. In case you have completed a training/internship in any lab, a reference from your supervisor there would be preferred.
14. Any supporting document emailed to bose@indousstf.org after the submission deadline will not be considered.

15. Use Specific area of study and degree program enrolled in to indicate the specific undergraduate/ post graduate course you are pursuing. Eg: B.Tech in Civil Engineering / M.Tech in Ceramic Engineering etc.
16. The Major Area of study and Specific area of study has been mapped as per the following list; please refer to the same while filling in your application.

S.No	Major Areas of Study	Specific area of study/sub-discipline
A	Chemical Sciences and Engineering	
1		Ceramic Engineering
2		Chemical Engineering
3		Chemistry
4		Food Engineering and Technology
5		Plastic Technology
6		Polymer Science And Technology
		Others
B	Civil and Earth Sciences	
7		Atmospheric Science Engineering
8		Civil Engineering
9		Construction Technology and Management
10		Earth Sciences
11		Environmental Engineering
12		Environmental Engineering and Management
13		Exploration Geophysics
14		Geoinformatics
15		Geotechnical Engineering
16		Hydraulics and Water Resources Engineering
17		Infrastructure Engineering and Management
18		Ocean Engineering
19		Remote Sensing
20		Renewable Energy
21		Soil Mechanics and Foundation Engineering
22		Structural Engineering
23		Transportation Systems Engineering
		Others
C	Computer Science	
24		Computer Science
25		Computer Engineering
26		Information Science and Technology
		Others

D	Electrical and Electronics	
27		Communication Engineering
28		Control and Automation
29		Electrical and Electronics Engineering
30		Electronic Instrumentation and Control Engineering
31		Electronics and Communication
32		Integrated Electronics and Circuits
33		Microwave and Radar Communication
34		Power Electronics, Electrical Machines and Drives
35		Power Systems
36		VLSI
		Others
E	Materials and Metallurgy	
37		Advanced Materials Technology
38		Material Engineering(Nanotechnology)
39		Metallurgical And Materials Engineering
40		Metallurgical Engineering
41		Metallurgy
42		Metallurgy and Material Technology
43		Material Science And Technology
		Others
F	Mathematics	
44		Mathematics
45		Mathematics and Computational Sciences
		Others
G	Mechanical	
46		Aerospace Engineering
47		Automobile Engineering
48		Design Engineering
49		Energy Technology
50		Fluid Mechanics
51		Industrial Engineering
52		Manufacturing Engineering
53		Mechanical and Automation
54		Mechanical Design
55		Mechanical Engineering
56		Mining Engineering

57		Petroleum Engineering
58		Printing Technology
59		Production & Industrial Engineering
60		Production Engineering
61		Robotics and Automation
62		Solid Mechanics
63		Thermal Engineering
		Others
H	Physics	
64		Physics
65		Applied Optics
66		Solid State Materials
67		Optoelectronics and Optical Communication
68		Engineering Physics
69		Photonics
70		Physical Sciences
		Others

Other Information

- There are no partner universities under the program. As part of the application, the students have to fill in their area of interest / potential research idea(s). If the student is selected, we try our best to make placements based on the area indicated by the student in the application form. The students are also free to get in touch with professors/ labs of their choice in the US (*however it is not necessary*). All in all, the program aims to provide the best possible internship experience to talented Indian students!
- The internship is **10-12week program**, tentatively scheduled to be held by **mid of May to July 2019**.
- The **scholarship** includes the following:
 - Stipend
 - Airfare- Roundtrip (*to be booked by IUSSTF travel desk*)
 - Health Insurance
- We would like to stress on the eligibility criteria and emphasize that only those candidates who have a minimum of one year remaining for the completion of their course in India are eligible to apply.
- Kindly note that in case you are pursuing your first semester in your master's degree (MSc/M. Tech degree), kindly ensure that you attach your Bachelors rank certificate and mark list. Also it is necessary that you are nominated by your current institute. They may nominate the candidate based on any internal assessments that they deem commendable.

Please contact bose@indousstf.org with reference to any clarifications or information required regarding the online application form