



Annexure A

GSI R Subramanian Fellowship Awards

Scientific Research on Glass and Glazing

Eligibility:

- Postgraduate or PhD in Civil / Mechanical / Electrical / Chemical Engineering / Architecture
- Minimum of 7 CGPA or 70% in all the completed exams till date with no standing arrears
- Must be a Citizen of India
- Individual student or a group of maximum 2 students from the same institution can apply for an award.
- Must complete the research program before the course completion at the respective Institution

How to Apply:

- Institution should select suitable candidates from the current academic year and instruct them to apply for the Fellowship Awards.
- Institution will also provide the Bonafide certificate/letter of approval from the respective HOD to the selected students.
- Institution will assign One Professor as Guide to each Student for the Research program. The respective Guide will issue a letter of approval to the student.
- Selected Student(s) along with their respective Guide should select the topic of their interest from the list of topics given and prepare the abstract for the research program
- Selected Students should fill in the application form given in Annex B
- The Abstract, Bonafide certificate/letter of approval from HOD, and the filled in Application Form should be sent to GSI
 - Both by courier/speed post / registered post and email
 - Courier Address: Glazing Society of India, Flat No 2, Padmini Flats, Old No 10, New No 2, Rajaji 2nd Street, Pushpa Nagar Main Road, Lake Area, Nungambakkam, Chennai – 600 034.
 - Email: dilna.subramani@glazingsociety.com / contact@glazingsociety.com

The Process:

- The abstracts, letter of approval / Bonafide certificate, Guide Approval Letter, and the filled in application forms received from the students will be verified and processed by the GSI Technical Team.
- GSI Technical Team will select the top 20 Abstracts from the received Abstracts
- The Selected top 20 Abstracts will make a presentation on their abstract to the GSI RS Fellowship Awards Advisory and Technical Committee (RS FAATC)
- RS FAATC will select the Awardees for the R Subramanian Fellowship Awards. The decision of the RS FAATC is final.
- The Selected Awardees will be presented the R Subramanian Fellowship Award
- GSI will assign Guide(S) from the relevant Industry to each Awardee for the entire course period to interact, discuss and take inputs for the research study/project.
- GSI Technical Team will conduct three reviews during the entire research period to guide and provide support for the research.
- The Research Fellowship fund will be given in Four phases to the respective Institutions based on the following schedule
 - 20% at the start of the Research Project / Study
 - 20% at the end of the First Review
 - 20% at the end of the Second Review
 - 40% at the end of the third/final Review



- The Institutions will provide the respective funds to the students and their respective Guide based on their internal procedures.
- The Institutions will ensure the completion of the research project/study by the selected student(s) within the given time period
- The Awardees will present the Final research findings to the GSI Members, allied partners, and government bodies in the R Subramanian Fellowship Awards Event.
- The Awardees will be recognized and provided with additional benefits based on the quality and performance of the research study/project.

Important Dates:

- Call for date: 6th August 2022
- Last date for submission of Abstract, Application form, HOD Bonafide Certificate, and Guide Letter of Approval
 - By email: 6th September 2022
 - By Courier: 10th September 2022

Topics for R Subramanian Fellowship Awards (Academic Year 2022 – 2023):

- Effects of using Energy Efficient Glass in Residential Houses in India
- Study on Selection of Glass at different stages of construction and its impact on Energy Efficiency in Buildings
- Design Guidelines for the structural design of glass for applications like Glass Floors, Skylights, Atrium and Canopies
- Effect of temperature, pressure, and other ambient factors (across the day and the seasons) on double-glazed units and its relation to deformation and optical distortion in a building
- Effect of settling of building structures (over a period) on glass and its relation to breakage of glass
- Reduction of wall thickness by using thin double-glazed units and its benefits for buildings
- Effects of Indian weather on Glass in buildings in the coastal areas, central and North India
- Handling of waste glass
- Study on the effective placement of solar energy panels for higher energy production in building facades (vision area, spandrel area, shear walls, canopies, sunshades, cladding, etc) and roofs.
- Reduction of Carbon Footprint in Buildings by use of Glass
- Study on Spontaneous breakage of glass in buildings
- Onsite testing of Glass for Energy Performance
- Onsite testing of Glass for Quality performance
- *Any suitable topic related to Architectural Glass and Glass Buildings*

Terms And Conditions:

- The travel expenses for industrial visits relating to the topics selected will be taken care of by GSI. Tickets, Accommodation, etc will be booked by GSI only. Only expenses made after getting prior approval from the technical committee will be reimbursed.
- Any expense made without the approval of the technical committee will not be reimbursed under any circumstances.
- The duration of work for the award is 6 - 10 months. Any candidate, enrolled in a course that does not allocate specific period for research, must work on the research for the specified period and not less.
- All decisions of the GSI Technical Committee and RS FAATC will be final.
- Selected candidate must not apply for any other award or must not involve in any other research once selected for the R Subramanian fellowship awards.



- Candidate must keep in touch with the GSI Co-ordinator during the term of the award and, in particular, must keep informed when:
 - Change in address, even temporarily.
 - Change in marital status.
 - Suffer any injury, illness, loss, or damage to person or property.
 - Become involved in any legal action (civil or criminal), actual or threatened.
 - Absent for more than four days at any one time from the place of study.
- Candidate must diligently pursue the course of studies agreed and conform to the rules of any institute in which they or study.
- Candidate must not transfer to any other course or educational institution.
- All research findings shall be kept confidential and must not be released without GSI's approval.
- The Intellectual Property rights shall remain with Glazing Society of India.
- Travel outside India must be informed to the assigned GSI Co-ordinator.
- Any breach of your award conditions is treated seriously and if you think you have breached a condition you should contact your GSI Co-ordinator immediately to discuss your situation. We would urge you to take prompt action to resolve any misunderstanding that may arise as a result of a breach, accidental or otherwise.
- When you are required to pay a penalty fee and are in receipt of an award, this will be automatically deducted. If you are not in receipt of an award you will be given one month to make the appropriate payment. Any reference to withholding of award may include any or all of the allowances to which you may be entitled.
- Submission of a Proposal does not constitute a guarantee of Award.
- All awardee receiving fellowship or other assistance funds should be advised that these may be subject to taxes. All awardees should contact the appropriate taxing authority for further information.
- Termination of award
 - Misconduct, whether in connection with your study or otherwise.
 - Failure to make such progress in your study as is considered satisfactory.
 - Circumstances, such as illness, arising which, with the technical committee, would render it impossible for you to complete your research satisfactorily or prevent the purpose of the research from being fulfilled.
 - Dismissal, for any reason, from your institution.
 - Breach of any local law.
 - Conviction of bribery. The current award will be rescinded, and you will be required to pay back all expenses including award received.
 - Discovery that the candidate has submitted fraudulent documentation.

For details / clarifications, contact us at:

Glazing Society of India (GSI)

Registered Office: D77, Defence Colony, New Delhi – 110 024.

Admin Office: Flat No 2, Padmini Flats, Old No 10, New No 2, Rajaji 2nd Street, Pushpa Nagar Main Road, Lake Area, Nungambakkam, Chennai – 600 034

Email: dilna.Subramani@glazingsociety.com / contact@glazingsociety.com

Website: www.glazingsociety.com: **Phone:** 044 2817 1401 / +91 82484 00115