



भारत सरकार / GOVERNMENT OF INDIA  
भारतीय भूवैज्ञानिक सर्वेक्षण / GEOLOGICAL SURVEY OF INDIA  
27, जवाहर लाल नेहरू मार्ग / 27, J. L. NEHRU ROAD  
कोलकाता / KOLKATA-700016



Director General,  
Geological Survey of India

No : .../04/VAQ/IMPLEMENT/TH-7/PRO/CHQ/2018-19

दिनांक / Dated: 21/02/2019

### OFFICE ORDER

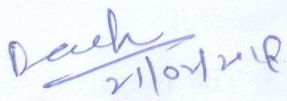
In compliance of one of the VAQ recommendations of Theme-7 (Enhancing Visibility of GSI), Para-44(ii) on *“Devise a systemic scheme of involving students in regular project work in the line of Studentship programmes of AMD, allowing final year students of Post-Graduate geology/geophysics to work as interns in GSI on stipend basis.”*, it has been decided that each Region of GSI along with CHQ will initiate a scheme towards implementation of the above recommendation of VAQ Model. The modalities for implementation of these recommendations, in the form of a Prospectus, is attached herewith for kind perusal and further necessary action by all concerned at the earliest.

1. The scheme has been named as *“GSI Internship Program”*. The **Prospectus** has also be attached giving the modalities of the scheme.
2. All concerned are requested to follow the modalities given in the Prospectus and do the needful.
3. The internship may be facilitated across field and laboratory activities of GSI in the domains of Mission-I, II, III and IV. The place of internship will be decided by the HoDs of respective Regions and DDG, PSS-P&M for CHQ based projects.
4. For students of Delhi and Kolkata, who would like to do only laboratory based internship projects, DDG, PSS-P&M, CHQ will be responsible to do the needful as prescribed in the Prospectus. Similarly, the Delhi and Kolkata based students interested for field based internship projects may contact the HoDs of NR and ER respectively.
5. There will be a provision of a consolidated stipend (Rs. 10,000/- per student) and Internship Certificate for successful completion of the internship within the stipulated time. The provision of the stipend has to be projected in the Budget of GSI.
6. During the internship, the students will report to the concerned Supervisory Officer (SO) of the project he/she is going to be associated with and submit the final report to the SO after completion of the internship. The quality and standard of the report would be judged and based upon which the stipend and certificate will be granted to the interns.

7. The Prospectus may be publicized in the media as well as through individual letter to be sent to all the Heads of the Institutions requesting for their participation. The PROs of respective Regions have to play a lead role in making this endeavour a success. The PROs may accordingly be instructed to initiate the publicity campaign immediately.

8. Any further fine tuning of the proposed scheme may be considered by the respective Regional HoDs and DDG, PSS-P&M, CHQ for fruitful implementation of the scheme.

9. A status monthly report may be sent to DG office.

  
(Dr. Dinesh Gupta)  
Director General

To,

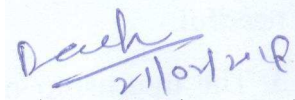
Addl. Director General & HoD,  
ER, NR, WR, NER, SR and CR,  
GSI, Kolkata, Lucknow, Jaipur,  
Shillong, Hyderabad and Nagpur.  
DDG, PSS-P&M, CHQ, Kolkata

No : .../04/VAQ/IMPLEMENT/TH-7/PRO/CHQ/2018-19

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Copy for information to:

Director (Tech.), Ministry of Mines, Shastri Bhawan, New Delhi-110001.

  
(Dr. Dinesh Gupta)  
Director General



**GOVERNMENT OF INDIA**

**GEOLOGICAL SURVEY OF INDIA**

**PROSPECTUS**

**GEOLOGICAL SURVEY OF INDIA  
INTERNSHIP PROGRAM  
(GSI-IP)**

**2019**

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**Geological Survey of India, Central Headquarters, 27, J. L. N. Road, Kolkata-700016**



## 1. INTRODUCTION

**Geological Survey of India (GSI)** is one of the oldest and premier earthscience organizations in the world. It has contributed immensely in India's industrial growth for the last 169 years. The scheme of "**GSI Internship Program (GSI-IP)**" is aimed to encourage and facilitate the young and promising postgraduate students of earth science to participate in the geoscientific projects executed by the professional earth scientists of GSI. GSI can provide a wide range of geoscientific exposures to the budding geoscientists of this country. The scheme is going to be conducted from six Regions of GSI, namely Eastern Region (ER), Kolkata, Western Region (WR), Jaipur, Southern Region (SR), Hyderabad, Northern Region (NR), Lucknow, Northeastern Region (NER), Shillong, Central Region (CR), Nagpur and from Central Headquarters, Kolkata. The internship may be executed at any of the State Unit offices under the Region and/or in the respective Regional headquarter itself. Initially, maximum 10 students will be selected for the internship at each Region, depending upon the topic chosen by the interns and GSI's focus areas. The work carried out by the interns would form a part of a ongoing projects of GSI. This scheme would promote fruitful interaction among the experienced professionals and fresh minds. Through this endeavour the visibility of GSI amongst the new generation will increase significantly.

## 2. PROGRAM DETAIL

### 2.1 Scope

The internship program will be an integral part of the University/Institution course curriculum, such as dissertation or project work, leading to award of postgraduate degree. After the successful completion of the internship a report has to be submitted to GSI. The interns may select field based or lab based topics for the program. The place of internship will depend on the topics chosen by the interns and availability of running projects on that topic in a particular Region.

### 2.2 Duration

The program duration will be for 2 months or eight weeks. If field based project is opted by the intern then duration will be one month field work followed by a month's laboratory work. No leave will be granted under any circumstances during the period of the internship, barring the declared holidays, Saturdays and Sundays. In case of any medical emergency, for more than five days, the validity of internship will be treated as null and void.

### 2.3 Topics

**The broad topics of internship are given below**

**Field based topics-** Mapping (Geological, Geophysical, Geochemical), Mineral exploration, Landslide studies, Seismic and earthquake studies, Environment and Climate Change studies, Medical Geology, Paleontology.

**Lab based topics-** PGRS, Geoinformatics, Gemology, Petrology and Mineral chemistry (using microscope/EPMA), ICPMS, LA-Q-ICPMS, LA-MC-ICPMS, RAMAN, Fluid Inclusion study, Experimental Petrology, XRD, XRF, TL-OSL, Geotechnical Labs, Antarctic Rock Repository (Faridabad) etc.



**Other topics-** Topic suggested by institution, outside the preferred list of broad topics as mentioned above, may also be considered based on the relevance of that work to GSI.

## 2.4 Guidance

The projects will be guided by a project guide from the respective institution. In GSI, the intern will be guided by the supervisory officer of the project in which he/she is going to be inducted for the completion of the internship.

## 2.5 Quality control

The quality and standard of the report would be judged by the supervisory officer of the project and the guide of the concerned institution. The objective of the project has to be achieved in the stipulated time satisfying all qualitative and quantitative targets.

## 2.6 Report

A project report, in soft copy as well as in hard copy, will have to be submitted by the intern to the concerned supervisory officer of the project in GSI and to the concerned guide in the institution on completion of the internship. The report must contain all the relevant field/laboratory data, maps, sections, sketches, photographs etc. collected during the internship.

## 3. ELEGIBILITY CRITERION

Final year students of M. Sc / M. Tech / M. Sc Tech in Geology/Applied Geology/Geophysics/Applied Geophysics/Mineral Exploration/Environmental Geology from recognised educational institutions of India are eligible for this programme.

## 4. SELECTION PROCEDURE (refer para-9 for more clarity)

The selection of students will be decided by the respective Head of the Department (HoDs) for the Regions and DDG, PSS-P&M, for Central Facility, CHQ, based on the evaluation of the submitted CVs. All CVs received will be evaluated and approval will depend on the following points-

- Academic merit of the student (marks sheets of graduation and part postgraduation)
- Relevance and significance of the topic to GSI and
- Availability of ongoing projects on that particular topic in the concerned Region of GSI
- The CVs should be endorsed by the Head of the Department or Dean of the concerned institution and to be sent by post or email to the respective Regional HoD of GSI.
- The decision of the HoD of the Region will be final while selecting the student for the internship. If approved, intimation will be sent to the applicant, through Head of Department / Dean. The CVs without the required endorsement will not be entertained.

## 5. FACILITATION BY GSI

Apart from identifying a supervisory officer for guiding and monitoring the work, GSI will also provide the following facilities:

1. Field transport, excluding journey, as and when feasible.
2. Geophysical field instrumentation.
3. Limited laboratory facilities as per the requirements.
4. Library facilities.



5. Office space with limited computer access.

GSI will not provide any lodging and boarding facilities either in field or in headquarters. Accommodations may be provided by GSI only in the case of field work projects in the remote areas, where no other accommodation other than GSI's own camps exist in the nearby vicinity.

## 6. FACILITATION BY INSTITUTION/STUDENT

The project work will be carried out under the overall guidance and supervision of a faculty member of the concerned institution. For successful execution of the project the guide of the institution should co-ordinate with the designated supervisory officer of GSI.

The institution is also expected to provide :

1. Field equipment like Brunton compass, geological hammer, water bottles, lens, streak plate, field bags, haversack etc. for field work.
2. Students are also required to have field clothing, field shoes, cap etc.
3. All students should possess Valid Photo ID card.
4. Students should have Stationary items like copy, pen, pencil, marker, colour pencil, eraser, sharpener etc.
5. If possible, student should carry their own Laptops with Internet connection.

## 7. STIPEND AND CERTIFICATE

A consolidated stipend of Rs. 10,000/- (ten thousand only) will be provided to all the selected students. Further a Certificate will be issued to the interns after successful completion of the internship within the stipulated time. Students who are awarded stipend and other financial support from the university or from any other source will not be eligible for the stipend. The Head of the Department or Dean of the concerned institution should also certify that the students are not getting any stipend or any other financial support from the institution or any other source. The amount will be paid after completion of two months or eight weeks of work, submission of project report and will be based on the quality of the project work as certified by the supervisory officer of the project in GSI.

## 8. INTELLECTUAL PROPERTY RIGHTS

All intellectual property and patent rights deriving from the project will remain solely with GSI. The participants will be encouraged to publish the results of original research in reputed national or international journals with prior approval of Director General, GSI. Special preference will be given to publication of such papers in GSI's own Journal of Geoscience. All data generated by the project work will be the property of GSI. If any student continues further work in the same or related topics, as a part of M. Phil or PhD, using the data and samples generated during the project, in such cases, it will be necessary to acknowledge GSI's role and facilitation. A copy of such publication may be forwarded to GSI for records.

## 9. IMPORTANT INFORMATION

- The students belonging to Institutions located in the following Regions of GSI are to send their Internship applications along with CV to the respective HoDs of that Region and DDG, PSS-P&M, CHQ as mentioned below -

**Eastern Region (ER)**-West Bengal, Odisha, Jharkhand, Bihar, Andaman & Nicobar Is. (for field and laboratory projects) and Kolkata (for field projects only)

**Western Region (WR)**-Rajasthan and Gujarat (for field and laboratory projects)



**Southern Region (SR)**- Andhra Pradesh, Telangana, Kerala, Karnataka & Goa, Tamil Nadu & Puducherry (for field and laboratory projects)

**Northern Region (NR)**- Uttar Pradesh, Uttarakhand, Himachal Pradesh, Punjab, Haryana and Jammu & Kashmir (for field and laboratory projects) and Delhi-NCR (for field projects only)

**Northeastern Region (NER)**- Meghalaya, Assam, Sikkim, Nagaland, Mizoram, Tripura, Arunachal Pradesh and Manipur (for field and laboratory projects)

**Central Region (CR)**- Madhya Pradesh, Chattisgarh and Maharashtra (for field and laboratory projects)

**Central Facilities (CHQ)**- Delhi-NCR and Kolkata (**only for laboratory based projects**)

- Detailed Addresses/e-mail IDs of HoDs of Regions of GSI may be obtained from the GSI website at [www.gsi.gov.in](http://www.gsi.gov.in). A copy of the CV also to be submitted to the Director General, GSI at [dg.gsi@gov.in](mailto:dg.gsi@gov.in) with a copy to **Public Relations Officer, GSI** at [pro@gsi.gov.in](mailto:pro@gsi.gov.in).
- *For all Regions, except Central Facilities, CHQ, the application may be addressed to ADG & HoD, followed by the respective Region and address.*
- *For CHQ the application may be addressed to DDG, PSS-P&M, CHQ, GSI, Kolkata at [ddgpss.gsi@gov.in](mailto:ddgpss.gsi@gov.in) with a copy to PRO, GSI, CHQ, Kolkata at [pro@gsi.gov.in](mailto:pro@gsi.gov.in).*
- **Any further clarifications can be obtained from the respective PROs of the Region through email as given below:**

The Public Relations Officer (PRO), Eastern Region, E-mail: [pro.er@gsi.gov.in](mailto:pro.er@gsi.gov.in); Ph-9831275072

The Public Relations Officer (PRO), Western Region, E-mail: [pro.wr@gsi.gov.in](mailto:pro.wr@gsi.gov.in); Ph-9571875175

The Public Relations Officer (PRO), Northern Region, E-mail: [pro.nr@gsi.gov.in](mailto:pro.nr@gsi.gov.in); Ph-9454199163

The Public Relations Officer (PRO), Southern Region, E-mail: [pro.sr@gsi.gov.in](mailto:pro.sr@gsi.gov.in); Ph-9490462918

The Public Relations Officer (PRO), Northeastern Region, E-mail: [pro.ner@gsi.gov.in](mailto:pro.ner@gsi.gov.in); Ph-9436897059

The Public Relations Officer (PRO), Central Region, E-mail: [pro.cr@gsi.gov.in](mailto:pro.cr@gsi.gov.in); Ph-9423636390

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