

THE UNIVERSITY OF BURDWAN
Rajbati, Burdwan 713 104

Date: 29 May 2023

Application in prescribed format is invited for recruitment of **one (01) “Project Associate I”** under a research project entitled **“Development of Low-Cost GNSS RTK Base for Precise Geolocation and Handheld Precise Geolocation enabled Multi-Sensor Rover System HGS”** sponsored by National Geospatial Program, Department of Science and Technology, Govt of India in the GNSS Laboratory, Department of Physics, The University of Burdwan. **Last date of Application is 9 June 2023 (17:00 hrs).**

1. Essential Minimum Qualifications:	(i) Master’s Degree in Physics/ Electronics from a Recognized University or equivalent OR Bachelor’s Degree in Electronics/ Electronics and Communication/ Electronics and Instrumentation Engineering/ Technology from a Recognized University or equivalent
2. Desirable Qualifications:	(i) Qualified in National Eligibility Tests [CSIR-UGC NET including lectureship (Assistant Professorship) or GATE] or A selection process through national level examinations conducted by Central Govt Departments and their Agencies and Institutions (ii) Knowledge of Global Navigation Satellite System (GNSS) and applications, Microwaves Communication System Engineering and Applications (iii) Proficiency in one or more programming language(s)/ tools (iv) Experience in Microcontroller based system design/ embedded system design. (v) Willingness to travel within India for field studies
3. Upper Age Limit	35 years on the last date of application. Age relaxation as per rules.
4. Fellowship:	(i) @Rs. 31,000 per month + HRA @ 8% for candidates fulfilling 2(i) above (ii) @Rs 25,000 per month +HRA @8% for candidates who do not fall under 4(i) above
5. Tenure:	24 months from the date of appointment OR till the termination of the project whichever is earlier. The appointment is purely temporary.
6. How to apply	Forms are to be downloaded from the Burdwan website: www.burniv.ac.in OR the attached form may be used. Proof of Payment by online mode (e.g NEFT OR SBI Collect (see below) OR Demand Draft in favour of The Finance Officer, The University of Burdwan, payable at ‘Burdwan’) of Rs. 250/- must be enclosed with the application form. Complete application form with all self-attested testimonials, a CV (max four pages), and copies of publications (if any) AND proof of payment of Rs 250/- must be sent to the following address by hand or by SPEED POST on or

	<p>before 9 June 2023 17:00 hrs. The envelope should be subscribed with “Application for the Position of Project Associate I under NGP-DST Project”.</p> <p>Address: Dr Anindya Bose Principal Investigator, NGP-DST Project Department of Physics The University of Burdwan Golapbag, Burdwan 713 104</p>
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Note:

1. Terms and conditions for the appointment would be as per the Office Memorandum No. SR/S9/Z-05//2019 dt 10 July 2020 [please see Item 3A available at https://dst.gov.in/sites/default/files/OM%20-%20Scientific_Technical%20Manpower-Revised%20Guidelines.pdf and University of Burdwan Rules
2. The candidates may visit <http://bugnss.in> for details of GNSS Laboratory Burdwan
3. Incomplete forms/ forms without prescribed fees would be rejected.
4. Mere fulfilment of qualifications/experience requirements does not entitle a candidate to be called for interview. Shortlisted candidates will be called for interview by email only. So, all candidates are requested to provide email in the application form.
5. No correspondence whatsoever will be entertained from candidates for not being called for interview, conduct and results of the interview.
6. No TA/DA is admissible for attending the interview.
7. For any clarification one may contact:

Dr Anindya Bose
Email: abose@phys.buruniv.ac.in

Registrar
The University of Burdwan

Price : Rs. 250/-

THE UNIVERSITY OF BURDWAN



APPLICATION FORM FOR THE AWARD OF JUNIOR RESEARCH FELLOWSHIP

CATEGORY : UGC/State-funded

[For Schemes & Project also (J.R.F./S.R.F./Project Fellow/Project Asstt) etc.]

Paste self
attested
passport size
photo here

SUBJECT ... Project Associate I under NGP-DST Project in Deptt of Physics

1. Name (in Block letters)

<input type="text"/>	<input type="text"/>	
First Name	Middle Name (if any)	
	<input type="text"/>	
	Surname	

2. Father's /Husband's Name
3. Mother's Name
4. Address for Correspondence
-
..... Pin
5. Contact Telephone No. if any,
With STD Code , Email
6. Permanent Address
-
7. Date of Birth
8. Present age (as on the
date of applying)

Year		Month		Days
9. Nationality
10. Present Occupation
- (specify whether employed anywhere with
Details regarding post held, nature of
employment and the status of the employer)
11. Whether doing M.Phil anywhere
- (if yes, give details of Course/Programme,
Session etc. Specify the probable date of
completion of the Course including that
of the submission of dissertation)
12. Whether doing any other Course
- Of Studies anywhere
(if yes, give details of the Course mentioning,
In particular, the session, the date of commence-

ment & completion of the Course)

13. Whether NET qualified for J.R.

Fellowship

(applicable for UGC-funded Fellowship)

Mention the year of qualifying the exam.

With Roll No. & the last date of validity

(Photocopy of certificate to be attached)

14. Whether NET/GATE/SLET qualified

(applicable for state-funded Fellowship)

Mention the year of qualifying the exam.

With Roll No. (Photocopy of certificate

to be attached)

15. Preference for field of research

(mention the particular field as given,

if any, in the advertisement)

16. Educational Qualification : (Photocopies of credentials to be attached)

Exams. (Name of the Degree & Diploma starting From Madhyakik or HS as the case may be)	University or Board	Year of Passing	Marks obtained in aggregate	Hons.Subject/ Subject for Master's Degree, if any	Maximum Marks	Marks obtained	Remarks if any

DECLARATION OF THE CANDIDATE

I do hereby solemnly declare and affirm that the entries made above are true and that if any of the information furnished, proves to be materially false or incorrect, either wholly or partly, the University may cancel my fellowship or take such other action as may be deemed fit.

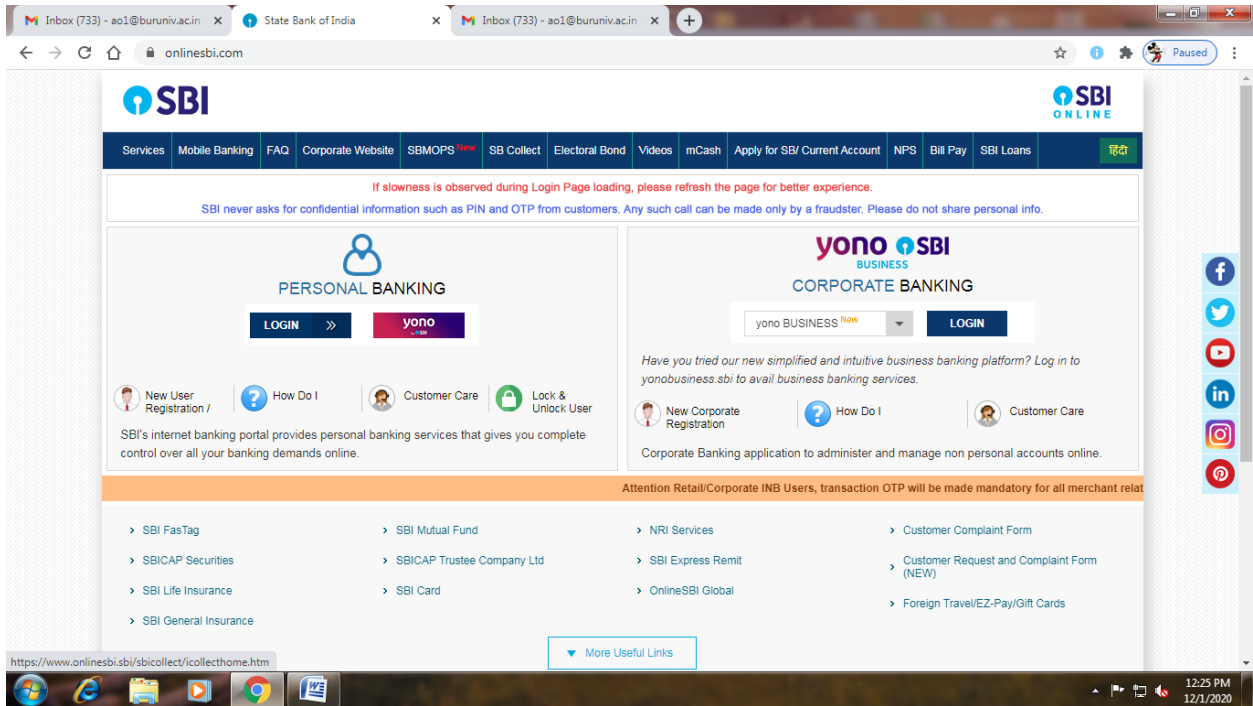
Date :

.....
Full Signature of the Candidate

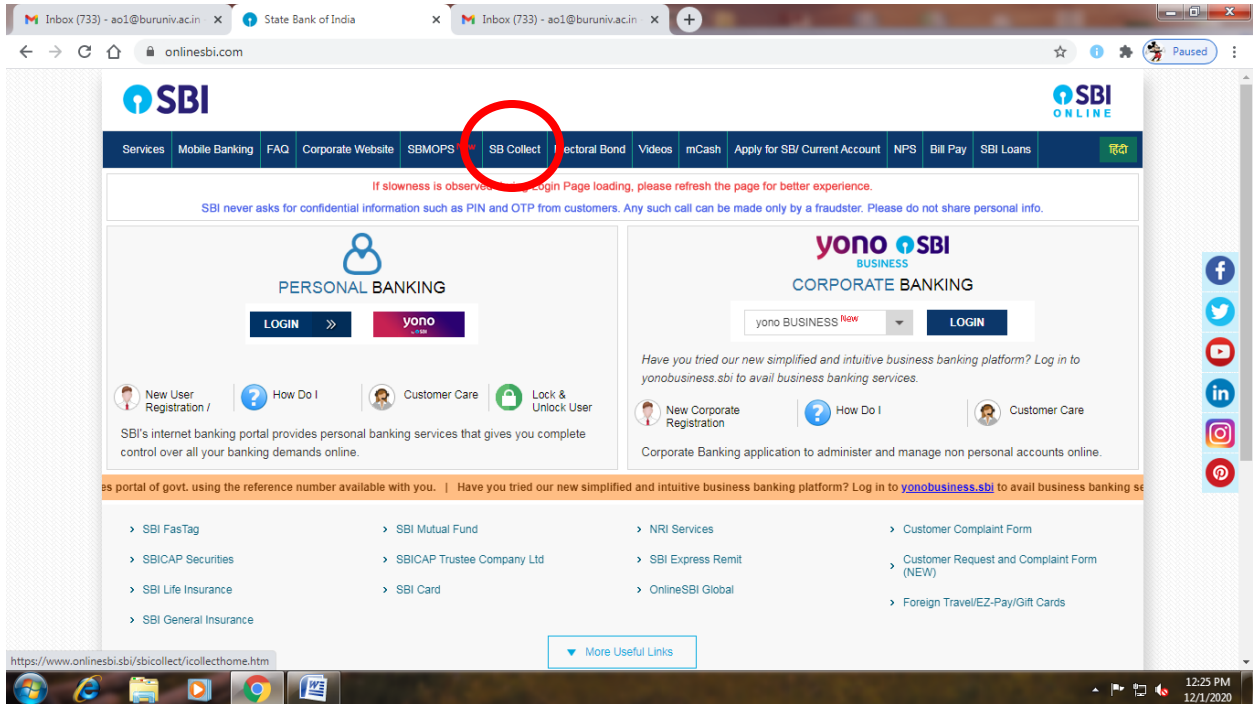
ENCLOSURES :

- 1.
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- 9.
- 10.
- 11.

1. Go to onlinesbi.com



2. click > **SB collect**



3. click the check box

4. click> proceed

The screenshot shows the State Bank Collect website. The header includes the SBI logo and 'State Bank Collect'. Below the header is a banner with the text 'STATE BANK COLLECT A MULTI-MODAL PAYMENT PORTAL'. A 'Disclaimer Clause' section is visible, listing terms and conditions. A red circle highlights a checkbox with the text 'I have read and accepted the terms and conditions stated above. (Click Check Box to proceed for payment.)'. A 'Proceed' button is located below the checkbox. The footer contains 'State Bank of India', 'Privacy Statement', 'Disclosure', and 'Terms of Use'.

5. State of Corporate / Institution *> West Bengal

6. Type of Corporate / Institution *> Educational institutions>Go

The screenshot shows the State Bank Collect website with the 'State Bank Collect' dropdown menu open. The 'State of Corporate / Institution' dropdown is set to 'West Bengal' and the 'Type of Corporate / Institution' dropdown is set to 'Educational Institutions'. A 'Go' button is visible below the dropdowns. A red box highlights the 'Go' button. The footer contains 'State Bank of India', 'Privacy Statement', 'Disclosure', and 'Terms of Use'.

7. Educational Institutions Name *> **The University of Burdwan**> **Submit**

The screenshot shows the SBI State Bank Collect interface. At the top, there's a navigation bar with the SBI logo and 'State Bank Collect' text. Below that, a breadcrumb trail reads 'State Bank Collect / State Bank Mops'. The main content area is titled 'State Bank Collect' with a timestamp '01-Dec-2020 [12:27 PM IST]'. The primary instruction is 'Select from Educational Institutions'. A dropdown menu for 'Educational Institutions Name *' is open, showing 'THE UNIVERSITY OF BURDWAN' selected. Below the dropdown are 'Submit' and 'Back' buttons. A red error message at the bottom states 'Mandatory fields are marked with an asterisk (*)'. The footer includes '© State Bank of India' and links for 'Privacy Statement', 'Disclosure', and 'Terms of Use'.



8. Select Payment Category *> **FEE COLLECTION**

9. COLLEGE CODE *>**GLB**

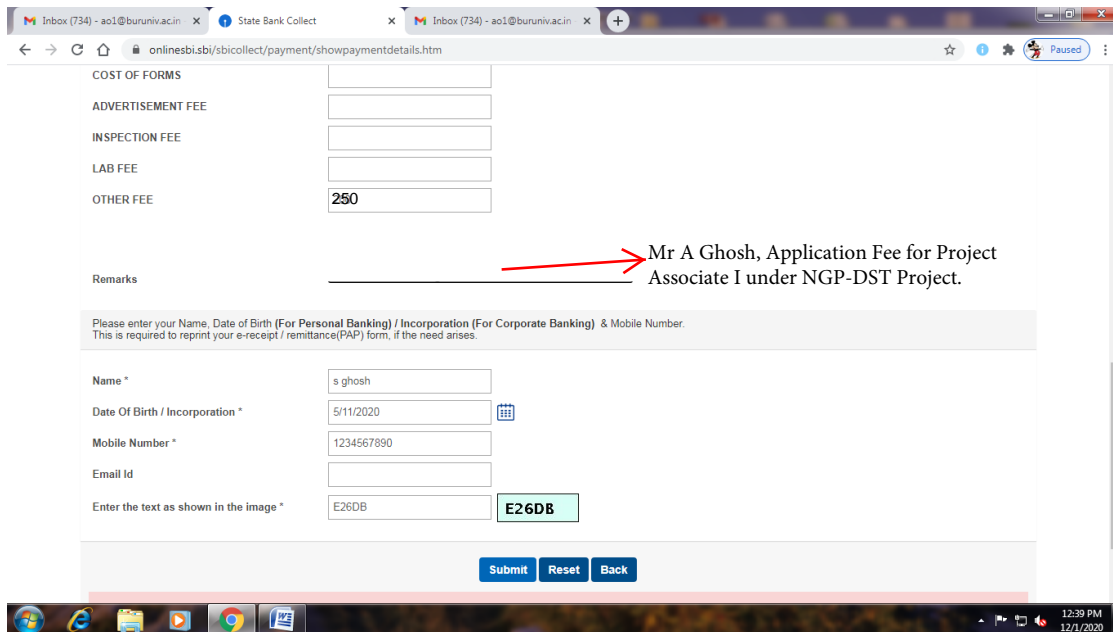
10. NAME OF THE COLLEGE *> **Name of the applying candidate (Your Name)**

11. NUMBER OF STUDENTS *> **1**

12. Select->**OTHER FEE** > **250**

The screenshot displays the 'showpaymentdetails.htm' page on the SBI State Bank Collect website. The page title is 'Provide details of payment'. The form contains the following fields and values: 'Select Payment Category *' is a dropdown menu set to 'FEE COLLECTION'; 'COLLEGE CODE *' is a text input field containing 'GLB'; 'NAME OF THE COLLEGE *' is a text input field containing 'Your Name'; 'ACADEMIC YEAR' is an empty text input field; 'NUMBER OF STUDENTS *' is a text input field containing '1'; 'EXAMINATION FEE', 'AFFILIATION FEE', 'REGISTRATION FEE', 'RESTORATION FEE', 'MIGRATION FEE', 'REVIEW FEE', 'SCRUTINY FEE', 'CENTRE FEE', 'ENROLMENT FEE', and 'CONDONATION FEE' are all empty text input fields. The Windows taskbar at the bottom shows the system tray with the date and time: 12:37 PM, 12/1/2020.

13. Remarks > Your Name and “Application Fee for Project Associate I under NGP-DST Project”



onlinesbi.sbi/sbicollect/payment/showpaymentdetails.htm

COST OF FORMS	<input type="text"/>
ADVERTISEMENT FEE	<input type="text"/>
INSPECTION FEE	<input type="text"/>
LAB FEE	<input type="text"/>
OTHER FEE	250

Remarks _____ **Mr A Ghosh, Application Fee for Project Associate I under NGP-DST Project.**

Please enter your Name, Date of Birth (For Personal Banking) / Incorporation (For Corporate Banking) & Mobile Number.
This is required to reprint your e-receipt / remittance(PAP) form, if the need arises.

Name *	<input type="text" value="s ghosh"/>
Date Of Birth / Incorporation *	<input type="text" value="5/11/2020"/>
Mobile Number *	<input type="text" value="1234567890"/>
Email Id	<input type="text"/>
Enter the text as shown in the image *	<input type="text" value="E26DB"/> E26DB

14. Submit

15. Select Suitable payment option and complete payment

13. Please note the “transaction number” for future reference and take printout of the successful payment for attaching it with your Application

SR/S9/Z-05/2019
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi-110016

Dated: 10 July 2020

OFFICE MEMORANDUM

Subject: *Scientific / Technical Manpower other than JRF/SRF/RA in R&D programmes of Ministry of Science & Technology and Ministry of Earth Sciences and Institutes and Laboratories under their administrative control: Guidelines and emoluments*

In supersession of this Department's Office Memorandum of even number dated 21 August, 2019 on the above subject, the guidelines and emoluments of scientific / technical personnel, other than Junior Research Fellow (JRF) / Senior Research Fellow (SRF) / Research Associate (RA) in extramural and intramural R&D projects stand amended.

2. Specific manpower positions suitable for inducting in R&D projects with remuneration, essential qualification, upper age-limit and other guidelines have been approved as detailed in *Annexure*. These guidelines help the Principal Investigators (PIs) / Institutes to choose appropriate manpower positions with required qualifications for successful implementation of projects. All Manpower positions in projects will be co-terminus with the project.

3. These manpower positions would be adopted in R&D projects of Departments / Ministries and their constituent institutions and laboratories under the Ministry of Science and Technology and Ministry of Earth Sciences.

4. The guidelines shall be effective from the date of issue of the Office Memorandum.

5. This issues with the approval of the Hon'ble Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare vide E-Office No. E 23171 dated 03.07.2020.



(Dr Praveenkumar S)
Scientist F / SERC
Tele: 011 - 26963695

To

1. **All Scientific Ministries / Departments**
2. **All Heads of DST**
3. **Senior PPS to Secretary, DST**
4. **Heads of AIs of DST / Secretary, SERB**
5. **CCA/ PAO, MST & IFD, DST**

Annexure

A. Scientific / Technical Manpower positions with remuneration, essential qualification and upper age-limit

Sl. No.	Manpower Position	Essential Qualification	Upper Age limit (years)	Monthly Emoluments (Rs.)
1.	Scientific Administrative Assistant/Field Worker	Graduate degree in any discipline	50	18,000/- + HRA
2.	Laboratory Assistant/Technician / Project Assistant / Technical Assistant / Field Assistant	B.Sc./ 3 years Diploma in Engineering & Technology	50	20,000/- + HRA Increment of 15% for 3 years of experience with maximum ceiling of 4 such revisions i.e. upto 12 years of experience.
3.	A. Project Associate-I	Master's Degree in Natural or Agricultural Sciences / MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent	35	(i) 31,000/- + HRA to Scholars who are selected through (a) National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
	B. Project Associate-II	(i) Master's Degree in Natural or Agricultural Sciences / MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent;	35	(i) 35,000/- + HRA to Scholars who are selected through a process as mentioned 3(i) above.



		and (ii) 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services		(ii) 28,000/- + HRA for others who do not fall under (i) above.
4.	Senior Project Associate	(i) Master's Degree in Natural or Agricultural Sciences / MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent; and (ii) Four years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services OR Doctoral Degree in Science / Engineering / Technology / Pharma / MD / MS from a recognized University or equivalent	40	42,000/- + HRA
5.	Principal Project Associate	(i) Master's Degree in Natural or Agricultural Sciences or Bachelor's Degree in Engineering or Technology or Medicine from a recognised University or equivalent; and (ii) Eight years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services OR (i) Doctoral Degree in Science / Engineering / Technology / Pharma / MD / MS from a	40	49,000/- + HRA



		recognized University or equivalent; and (ii) Four years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services		
6.	*Project Scientist I	Doctoral Degree in Science or Master's Degree in Engineering or Technology from a recognized University or equivalent	35	56,000/- + HRA Increment of 5% for every 2 years of experience subject to performance review.
7.	*Project Scientist II	(i) Doctoral Degree in Science or Master's Degree in Engineering or Technology from a recognized University or equivalent; and (ii) Three years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services	40	67,000/- + HRA Increment of 5% for every 2 years of experience subject to performance review.
8.	*Project Scientist III	(i) Doctoral Degree in Science or Master's Degree in Engineering or Technology from a recognized University or equivalent; and (ii) Seven years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services	45	78,000/- + HRA Increment of 5% for every 2 years of experience subject to performance review.
9.	PI/Project Coordinator – I (For Non-Governmental / Voluntary Organizations)	Doctoral Degree in Engineering / Sciences / Medicine / Pharma / Social Sciences / MD	As per the scheme	60,000/- (Consolidated)

10.	PI/Project Coordinator – II (For Non-Governmental / Voluntary Organizations)	Master`s Degree in Engineering / Sciences / Social Sciences	As per the scheme	30,000/- (Consolidated)
11.	#Project Manager	Doctoral Degree in Science or Master`s Degree in Engineering or Technology from a recognized University or equivalent with 20 years of experience in relevant field.	Minimum age of 45 years	1,25,000 – 2,00,000/- (Consolidated)

**Existing Project Scientists B, C and D who are working in ongoing projects of Science Ministries and their institutions with the prescribed qualifications or Master`s Degree in Science or Bachelor`s Degree in Engineering or Technology with minimum 60% marks from a recognized University or equivalent would be subsumed into the approved categories (Project Scientist I, II and III) by mapping their experience and age limit. Their remuneration in the earlier post would be protected.*

This post is meant for big-ticket projects (costing more than Rs. 10.0 crore) or for a Center which manages Central Facilities of the Institute. The concerned Department / Agency may fix remuneration in the given band depending on the length of experience following their appraisal / approval process.

B. Selection Process

A Selection Committee of the following composition (minimum) would be constituted by the Head of the local Institution for selection of the candidate/s:

I. Selection Committee for Project Assistants / Associates

- i. Dean R&D or nominee
- ii. One subject expert from the Institute
- iii. One subject expert from outside the Institute
- iv. Principal Investigator

II. Selection Committee for Project Scientists / Coordinator / Manager

- i. Director / Head of the Institution or nominee
- ii. One subject expert from the Institute
- iii. One expert nominee of concerned Ministry / Department
- iv. Principal Investigator

C. Service conditions of Scientific / Technical manpower

(i) **DA & CCA:** Scientific / Technical Manpower in projects are not entitled to DA & CCA.

(ii) **House Rent Allowance (HRA):** HRA is allowed to all categories, except for Project Investigator (PI) / Project Coordinators in Non-Governmental / Voluntary Organizations (NGO/VO) / Project Manager as per Central Government norms applicable in the city/location where they are working. The percentage required for calculating HRA will be based on the remuneration.

(iii) **Medical Benefits:** The Scientific / Technical manpower will be entitled for medical benefits as applicable in the implementing institution.

(iv) **Leave and other entitlements:** The Scientific / Technical manpower are entitled to leave as per rules of the host institution. Maternity leave as per the Govt. of India instructions issued from time to time would be available to all categories. The travel entitlement is as per Institute norms.

(v) **Bonus, Gratuity & Leave Travel Concession:** The Scientific / Technical manpower will not be entitled to these allowances.

