



SCIENCE ACADEMIES'  
SUMMER RESEARCH FELLOWSHIPS — 2017

**Instructions for the Summer Research Fellows (SRFs):**

**A. Acceptance of Fellowship**

1. The selection letter has been sent by email (along with instruction sheet). A hard copy of the letter has also been sent by speed post (along with instruction sheet, form for conveying acceptance, and form for sending joining report).
2. At the bottom of the email, an user-id and password are also provided for each SRF which will enable them to view their online page in our website and to fill in the required details. The user-id and password should be saved and will **not be** provided a second time.
3. Your acceptance to take up this fellowship should be conveyed **URGENTLY** within 7 days by filling in your online page (the user-id and password provided). The Form of Acceptance to be sent by speed post should also be returned to us **by speed post or courier** within 3 days after it reaches you.
4. **Do not wait for the approval from guide to send your Acceptance form.**
5. For some reason, if you do not wish to take up the fellowship, this should be conveyed to us **URGENTLY** by (a) filling in your online page, (b) email, as well as (c) returning the Acceptance Form **all within one week of your receiving the letter of selection** so that the fellowship can be awarded without delay to another person in the waiting list.
6. After sending the acceptance, please contact your guide to fix up the exact date of joining. This exact date should then be communicated to us by email/online.
7. Two copies of your passport-size photograph should be enclosed, of which one copy to be affixed to the letter of acceptance.
8. The joining letter (in the format enclosed) should be posted to the Academy **duly countersigned by the guide** as soon as the SRF reports for work.

**B. General Instructions**

9. **The period of work should be NOT LESS THAN 56 days (including Sundays and holidays) under any circumstances. If the final duration turns out to be less than 56 days, the fellowship will not be deemed to have been satisfactorily completed to entitle you to the certificate and fellowship dues.**
10. If the candidate has applied for and obtained fellowship to work under any other programme during this period, the Academy fellowship will be **treated as withdrawn**.
11. If the SRF is in receipt of KVPY or INSPIRE fellowships, this should be specifically indicated in the Form of Acceptance (even if indicated in the application).

12. All correspondence and enquiries should be addressed to: Mr C.S. Ravi Kumar, Coordinator, Summer Research Fellowship Programme, Indian Academy of Sciences, PB No. 8005, C.V. Raman Avenue, Bengaluru 560 080 (email: jointsrf@ias.ac.in).
13. All communications/emails from SRFs should clearly mention their full name, the application no., and the name of the guide. **Please save this information in your permanent email signature file. Communications/emails without this information will not be attended to.**
14. Communications (preferably in English) should be clear, concise and convey the intended meaning.
15. **SRFs must strictly follow the rules and regulations** (oral and written) stipulated by the host institution, both in the working laboratory and at the place of their stay. If any malpractices on the part of the SRF are reported, the Academy will be constrained to terminate the fellowship.

### **C. Progress Reports**

16. After 4 weeks of the fellowship, the hard copy of a brief report (not exceeding 300-350 words), along with the covering sheet (in the prescribed format which is available in your online page) **countersigned by the guide**, should be sent to the Academy, to claim the fellowship for the first 4 weeks. The guide can also directly forward the progress report to the Academy by email at (jointsrf@ias.ac.in).
17. After 8 weeks, a hard copy of the detailed report (in about 20 typed pages), along with the covering sheet (in the prescribed format) **duly countersigned by the guide**, should be sent, on the receipt of which, the Academy will release the final instalment of the fellowship, the travel fare by the shortest route and the fellowship certificate. This final report should reach the Academy within 15 days after the date of completion of the project.

### **D. Payments from the Academy**

18. All payments from the Academy will be made through electronic transfer to the bank account provided by the SRF. The payments will be effected within 10 working days after the reports are received by the Academy.
19. The Fellowship paid is for SRFs living expenses (boarding, lodging, transport etc.) and this should be settled by SRF directly. **The Academy will not pay any amount to host institution towards the SRF boarding/lodging etc.**
20. To claim the travel fare, the SRF should send along with the final report, a TA bill (in the prescribed format) and **photocopies of the to-and-fro travel tickets**. Blank TA form can be downloaded from our website. Please preserve copies of your tickets to be enclosed with the TA form.
21. You are welcome to travel by air or any higher class in train as per your convenience. However, reimbursement of the travel fare will be restricted to second class sleeper train fare (for students) and three-tier A/C train fare (for teachers). A copy of the actual travel ticket should be enclosed to the TA form as proof of your travel without which the TA claim will not be processed.

\* \* \* \* \*

## **For those selected to work at Bengaluru:**

- The Academy will arrange the accommodation to about 300 SRFs in Bengaluru who will be working at IISc, JNC, NCBS, UAS, RRI, TIFR-CAM, etc.,. SRFs working in other institutions in Bengaluru may have to make their own arrangements or seek the help of the Coordinator.
- SRFs should preferably arrive in Bengaluru on a Sunday and join for work the next day (Monday). The exact date and time of arrival in Bengaluru should be communicated well in advance by (a) filling in your online page and (b) an email at (jointsrf@ias.ac.in).
- Academy will arrange your stay at Academy Residency in Jalahalli subject to availability.
- The confirmation of your stay will be sent by us in your online page followed by an email from us.

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### **Transportation for Male Candidates:**

- Upon your arrival in Bengaluru, you are requested to proceed straight to the Fellows Residency at Jalahalli.

### **Transportation for Female Candidates:**

- If your arrival in Bengaluru is on a Sunday (between 6 AM and 8 PM) it may be possible for us to arrange shuttle services to transport you from the Academy Office (near Mekhri Circle) to the Fellows Residency at Jalahalli. You have to make your own arrangements to reach the Academy office. If you are arriving at any other time on Sunday or on any other day of the week, you should directly proceed on your own to the place of your stay.
- The approximate distances from three major railway stations at Bengaluru are as follows:
  - Yeshwanthpur Rly. Stn. - Academy office (around 5 kms)/Jalahalli Residency (Approx. 8 kms)
  - Cantonment Rly. Stn. - Academy office (around 3.5 kms)/Jalahalli Residency (Approx. 13 kms)
  - City Rly. Stn. - Academy office (around 7 kms)/Jalahalli Residency (Approx. 14 kms).

On arrival, you may alight at any of the above mentioned stations, depending on the route you have taken.

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- Route maps to (a) Academy Residency in Jalahalli as well as to the Academy office (near Mekhri Circle) are attached. If you face any difficulty in locating the route, please call Mr Venkatarathnam (080-2266 1215/90080 32003), Mr M. Ravindra (080-2838 1934/94482 24276).
  - Before you report to your guide for taking up the fellowship, you can collect your ID card from the Academy Office required for security purpose. You can come to the Academy Office by making use of our transport from your place of stay in the morning.

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Indian Academy of Sciences  
Bengaluru



Indian National Science Academy  
New Delhi



The National Academy of Sciences, India  
Allahabad

# SUMMER RESEARCH FELLOWSHIP PROGRAMME CERTIFICATE

*This is to certify that Dr K V L Shrikanya Rao worked on a project entitled "Temporal variation in zooplankton associated bacterial population in a tropical monsoon influenced estuary" during May-July 2017 as a Summer Research Fellow under the supervision of Dr Lidita D S Khandeparker, National Institute of Oceanography, Dona Paula, Goa. The Summer Research Fellowship Programme is jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Allahabad).*

*Place: Bengaluru*

*Date: 18-08-2017*



*KL Sebastian*

*K. L. Sebastian*

*Chairman, Science Education Panel*



**वै.औ.अ.प. - राष्ट्रीय समुद्रविज्ञान संस्थान**  
**CSIR - National Institute of Oceanography**



(विज्ञानिक एवं औद्योगिक अनुसंधान परिषद)

(Council of Scientific & Industrial Research)

दोना पावला - 403004, गोवा, भारत

Dona Paula - 403004, Goa, India

**प्रमाणपत्र**  
**CERTIFICATE**

प्रमाणित किया जाता है कि, इस छात्र ने राष्ट्रीय समुद्रविज्ञान संस्थान गोवा में एक परियोजना पूरी की जिसका विस्तृत विवरण निम्नलिखित है।

This is to certify that **Dr K. V. L. Shrikanya Rao**, Asst. Professor of College of Science & Technology, Vikrama Simhapuri University, Nellore, Andhra Pradesh has undertaken the project "Temporal variation in zooplankton associated bacterial populations in a tropical monsoon influenced estuary" under the guidance of Dr. Lidita D. S. Khandeparker, Senior Scientist from 19 May to 13 July 2017.

रणधीर मुखोपाध्याय  
Ranadhir Mukhopadhyay

प्रमुख, मा.सं.प्र.  
Head, HRM

पर्यवेक्षक  
Supervisor

दिनांक: Date : 31.07.2017  
दोना पावला, गोवा Dona Paula, Goa

सुनील कुमार सिंह  
Sunil Kumar Singh


निदेशक  
Director

मानव संसाधन प्रबंधन - छात्र शाखा  
HUMAN RESOURCE MANAGEMENT - STUDENTS WING

शोध प्रबंध/ ग्रीष्मकालीन प्रशिक्षण/ परियोजना के छात्रों के लिए पंजीकरण प्रपत्र

Registration form for dissertation/summer training/project students

1. पूरा नाम  
Full Name: **Dr. KVL Shrikanya Rao**

2. श्रेणी : अजा/अज्ञा/अपिब/शावि/सामान्य  
Category : SC/ST/OBC/PH/GEN
2. पूरी स्थायी पता फोन/ई-मेल के साथ  
Complete permanent address with phone/e-mail **Assistant Professor, Dept. of Biotechnology,  
Vikrama Simhapuri University, Kakulur,  
College of Science & Technology,  
Nellore - 524320, Andhra Pradesh, INDIA  
Phone No. 09248559408, Email - shrikanya.rao@gmail.com**
3. आपात स्थिति में व्यक्ति से संपर्क (मोबा/फोन क्र. के साथ)  
Contact person in emergency (with mob/phone No.)  
**KVL Sochita Rao (sister) 9347973327**
4. कॉलेज/विश्वविद्यालय का नाम और पता  
Name & address of College/University **Dept of Biotechnology, College of Science & Techno  
Vikrama Simhapuri University, Kakulur, Nellore 524320, A.P India**
5. पाठ्यक्रम अध्ययन एवं सेमेस्टर/वर्ष  
Course studying & semester/year :
6. एनआईओ में नियत कार्य की अवधि ..... से ..... तक  
Assignment period in NIO : From **19/5/2017** To **13/7/2017**
7. एनआईओ में आर्बिट्रेट कार्य की अवधि :  
Name of Project supervisor in NIO : **Dr. Ladita D S Khandepaaker**
8. पर्यवेक्षक के हस्ताक्षर  
Signature of supervisor : 

मैं वचन लेता हूँ कि I undertake that

- (a) मैं एनआईओ द्वारा परिभाषित सभी नियमों, विनियमों और अनुशासन का पालन करूंगा/करूंगी।  
I shall abide by all the rules, regulations and discipline as defined by NIO
- (b) मैं अपने प्रवास के दौरान किसी भी समय तैरने/मनोरंजन के लिए समुद्र में नहीं जाऊंगा/जाऊंगी।  
I shall not venture in to sea for swim/recreation at any time during my stay
- (c) मुझे अपने कार्य स्थान और निवास को साफ सुथरा रखना होगा।  
I shall keep my work place and residence neat and tidy
- (d) प्रवास के दौरान, मेरे लापरवाही के कारण यदि संस्थान के किसी भी संपत्ति का कोई भी नुकसान होने पर मैं सभी खर्चों का वहन करूंगा/करूंगी।

BD - country  
↓  
software  
↓  
Bio-ELISA  
E  
Ailw + Caspase 3  
↓  
ELISA

I shall bear all the expenses towards any damage done to any of the institute's property if happened during my stay, due to my negligence.

(e) अपने प्रवास के दौरान मैं अपने पर्यवेक्षक को अपने गतिविधियों, कार्य से अनुपस्थित आदि सूचित करूंगा/करूंगी एवं उनके अनुमति से परिसर से बाहर जाऊंगा/जाऊंगी।

I shall keep my supervisor informed about my extracurricular activities, absence from duty etc during my stay and also shall leave the premises with his/her permission.

(f) परिसर छोड़ने से पहले मुझे एनआईओ पुस्तकालय में रिपोर्ट की एक सॉफ्ट कॉपी प्रस्तुत करना होगा, सभी बकाया (आवास, आदि) पूरा करना होगा और एनआईओ पहचान कार्ड लौटाना होगा।

I shall submit a soft copy of the report to NIO library, clear all the dues (accommodation, etc) and return NIO identity card before leaving the premises.

विद्यार्थी के हस्ताक्षर

Signature of the student *bu shikang*

मोबाइल सं Mob. No : 09248559408

दिनांक Date : 19/5/2017

(प्रशिक्षण/परियोजना कार्य/शोध प्रबंध के अंत में विद्यार्थी द्वारा भरा जाए)

(Part below to be filled by the student at the end of training/project work/dissertation)

परियोजना शीर्षक (कृपया टाइप करें एवं संलग्न करें)

Project Title (please type and attach. Do not type in full capital letters)

1. संतोषजनक रूप से प्रशिक्षण/परियोजना कार्य/शोध प्रबंध पूरा किया  
Satisfactorily completed training/project work/dissertation : .....

(पर्यवेक्षक Supervisor)

2. पुस्तकालय को रिपोर्ट की ई-कॉपी प्रस्तुत किया  
Submitted e-copy of the report to Library : .....

(प्रभारी, पुस्तकालय In-charge, Library)

3. आवास के लिए कोई बकाया राशि नहीं है  
There are no dues towards accommodation : .....

(प्रभारी, आवास In-charge, accommodation)

4. एनआईओ पहचान पत्र लौटाया गया  
NIO Identity card returned .....

(प्रभारी, सुरक्षा In charge, Security)

प्रमाण पत्र भेजने के लिए पता:

Address to which certificate to be sent :

मानव संसाधन प्रबंधन

*Human Resource Management*

(सदाचार, समानुभूति, वृत्ति दक्षता, सत्यनिष्ठा, सशक्तिकरण एवं सम्मान को प्रतिफलित करते हुए सक्रिय कार्यशील वातावरण का निर्माण करना : *Creating enabling working environment reflecting ethics, empathy, professionalism, integrity, empowerment & respect*)

**एन.आई.ओ. में नियुक्त हो रहे अस्थाई कर्मचारी द्वारा दिए जाने वाले वचन Undertaking by temporary staff joining NIO, Goa**

- 1) मैं एन.आई.ओ. द्वारा समय पर समय पर निर्धारित नियमों का पालन करूंगा एवं एन.आई.ओ. कॉलोनी परिसर में सख्त अनुशासन का निर्वाह करूंगा/करूंगी।

I shall follow the rules and regulations laid down by NIO from time to time and maintain strict discipline in the Institute and NIO colony premises.

- 2) मुझे इसका ज्ञान है कि संस्थान एवं आवास परिसर में सभी प्रकार के मादक पदार्थ (ड्रग्स, अल्कोहल, तंबाखू आदि) धूमपान, तंबाखू चबाना आदि निषिद्ध है एवं इसका उल्लंघन पाए जाने पर इससे कठोरता से निपटा जाएगा।

I understand that all types of intoxicants (Drugs, alcohol, tobacco etc.), smoking, chewing tobacco etc are banned in the campus & residential area and will be severely dealt with if any abuse is found.

- 3) मैं एन.आई.ओ. में अपनी कार्यावधि के दौरान किसी भी समय समुद्र, नदी, जलप्रपात अथवा अन्य कोई खतरनाक जगह पर तैराकी या मनोरंजन के लिए जाने का जोखिम नहीं उठाऊंगा। मैं किसी भी प्रकार के जोखिमपूर्ण खेलों में भी संपृक्त नहीं होऊंगा/होऊंगी।

I will not venture in to sea, river waters, waterfalls or any other dangerous spots for swimming or recreation any time during my stay at NIO. I also will not engage into any kind of adventure sports.

- 4) मैं अपने पर्यवेक्षक/ परियोजना प्रमुख/ गाइड की पूर्व अनुमति के बिना स्थानक नहीं छोड़ूंगा/ छोड़ूंगी।

I shall not leave the station without prior permission of their supervisor/ Project Leader/ guide.

- 5) मैं अपनी कार्यावधि के दौरान अपनी अतिरिक्त पाठ्यविषयी गतिविधियों, इयुटी से अनुपस्थिति आदि की सूचना अपने परियोजना प्रमुख/पर्यवेक्षक को दूंगा/दूंगी एवं अपनी छुट्टी का आवेदन यथापूर्व जमा कराऊंगा/कराऊंगी।

I shall keep the Project Leader/Supervisor informed about my extracurricular activities, absence from duty etc during my stay and also will submit leave application well in advance.



6) मुझे इसका ज्ञान है कि दोषी पाए जाने पर मेरे माता-पिता को अधिसूचना देते हुए समय से पूर्व मुझे परिसर खाली करने को कहा जाएगा।

I understand that I will be asked to quit the campus prematurely with notification to my parents, if found guilty.

7) मैं अपना कार्यस्थल और आवास (एन.आई.ओ. कॉलोनी) स्वच्छ एवं सुव्यवस्थित रखूंगा/रखूंगी।

I shall keep my work place and residence (NIO COLONY) neat and tidy.

8) मैं परिसर छोड़ने से पहले अपने सभी बकाया चुकता करूंगा/करूंगी, बेबाकी प्रमाणपत्र (NDC), रिपोर्ट जमा करूंगा/करूंगी तथा एन.आई.ओ. पहचान पत्र लौटाऊंगा/लौटाऊंगी।

I shall clear all the dues, submit No Demand Certificate (NDC), submit reports and return NIO identity card before leaving the premises.

9) मुझे इसका ज्ञान है कि तेज संगीत तथा अन्य किसी प्रकार से एन.आई.ओ. कॉलोनी के शांत वातावरण में विघ्न डालने की अनुमति नहीं है।

I understand that playing of loud music and disturbing the quite atmosphere in NIO Colony by any other means is not permitted.

अस्थायी कर्मचारी का नाम तथा हस्ताक्षर / Name & Signature of the Temporary Staff/student

गाईड / प.प्र. द्वारा प्रतिहस्ताक्षर / Countersigned by PL / Guide



## SCIENCE ACADEMIES'

### SUMMER RESEARCH FELLOWSHIPS — 2017

#### JOINING REPORT

To:

The Coordinator  
Summer Research fellowship Programme  
Indian Academy of Sciences  
C.V. Raman Avenue, P.B. 8005  
Bengaluru 560 080

1. I have been offered an Academy summer fellowship to work with Professor/Dr Lidita D S Khandeparker at CSIR- National Institute of Oceanography, Dona Paula, Goa.
2. I have taken up the summer fellowship with effect from 19/05/2017 and have reported to my guide.
3. I undertake to work for a minimum period of 56 days with my guide in order to fulfill the fellowship requirements.
4. I am giving below the details of my bank account to enable the Academy to electronically transfer the payments due to me.

- a. Name of bank: Andhra Bank
- b. Name of branch: VRC Branch, Nellore
- c. Account No.: 1068 101000 49097
- d. Name of account holder: Dr. K VL Sheikanya Rao
- e. \*IFSC Code (only for non-SBI account holders) ANBB 0001068

\*The 11-digit alpha-numeral code number printed in the cheque/pass book or can be obtained from your bank

Signature of SRF: KVL Sheikanya Rao

Signature of Guide: [Signature]

Name: Dr. KVL Sheikanya Rao

Name: Dr. Lidita D. S. Khandeparker

Date: 19/05/2017

Date: 19/05/2017

E-mail id: sheikanya.rao@gmail.com

E-mail id: klidita@nio.org  
klidita@nio.org

Application No: LFT179

# SCIENCE ACADEMIES' SUMMER RESEARCH FELLOWSHIP PROGRAMME

Date: 30 March 2017

AC-062 | 2017 (8)



Indian Academy  
of Sciences  
Bengaluru



Indian National  
Science Academy  
New Delhi



The National Academy  
of Sciences, India  
Allahabad

Ms K V L Shrikanya Rao  
Asstant Professor, Dept of Biotechnology  
Vikrama Simhapuri University  
Nellore 524 001

Dear Ms Shrikanya Rao,

This has reference to your application **LFT179** for an IASc-INSa-NASI Summer Research Fellowship in 2017. We are happy to offer you a Fellowship to work for two months during this summer subject to verification of your marks as stated by you in the application. You will be working with Dr Lidita D.S. Khandeparker, National Institute of Oceanography, Dona Paula, Goa (e-mail: klidita@nio.org).

We have tried as far as practicable to assign you to a guide who works in your area of interest. **Where that has not been possible, you will work with the assigned guide in a related area that will be determined by the guide, and trust that the experience will be fruitful to you. We will not be able to make any changes in this regard.**

This Fellowship is subject to the following norms:

- The duration of the Fellowship is **eight weeks (56 days – including Sundays and General Holidays), and is not to be reduced. If you do not complete this requirement, you will not be paid the fellowship and the certificate that is usually issued on completion.**
- You will be provided III-tier A/c train fare from Nellore or Visakhapatnam to NIO, Dona Paula, Goa and back.
- You will be paid a Fellowship of Rs. 15000/- per month towards your boarding, lodging and local transport expenses.
- As regards accommodation, please contact Dr Khandeparker as the Academy is not able to help you in this regard.

Please also go through carefully & comply with **all the Instructions** given in the attached sheet.

You are advised to get in touch with Dr Khandeparker immediately to work out the exact period of your visit. In the meantime please communicate with Mr C.S. Ravi Kumar, Coordinator, Summer Research Fellowship Programme, your acceptance of this Fellowship. We would need a joining report from you upon your arrival, and a brief report of your work at the end of four weeks so that your Fellowship for the first month can be paid. After the receipt of the final report, we shall release the remaining amount due to you along with your travel fare.

We urge you to convey your acceptance of this fellowship within 7 days by both online (the userid and password given at the bottom of the email) as well as by **returning the Form of Acceptance posted to you.** Even if you are not able to accept the fellowship, this should be communicated to the Academy immediately (both by email and in the Form of Acceptance) so that the fellowship can be awarded to another candidate in the waiting list.

With best wishes,

Yours sincerely,



K.L. Sebastian  
Chairman, Joint Science Education Panel

Joined from  
19/5/17  
KSR

## Contact Address :

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**SCIENCE ACADEMIES'**  
**SUMMER RESEARCH FELLOWSHIPS — 2017**  
**FORM OF ACCEPTANCE**

Application No: LFT179

Name of Summer Fellow: IASc - INSA - NASI

Name of Guide: Dr. Lidita D S Khandeparker

Name of Guide's Institution: CSIR - National Institute of Oceanography  
Goa

1a. **I accept the summer fellowship**

1b. **I am not able to accept the summer fellowship** for the following reason

Reason: \_\_\_\_\_

*tick the appropriate box*

**If 1a; please fill in the following**

1\* (1a) I am a recipient of INSPIRE  / KVPY  fellowship and the tenure of my INSPIRE /KVPY fellowship is from \_\_\_\_\_ month/year to \_\_\_\_\_ month/year

(1b) I am not a recipient of INSPIRE/KVPY fellowship

\* tick the appropriate box. Fill in the full particulars if (1a)

2. I am sending two copies of my photograph (one of which is affixed on this form).

3. I have read all the instructions conveyed to me and I undertake to abide by them.

4. I also undertake to work for a minimum period of 56 days with my Guide in order to fulfill the fellowship requirements.

Please affix  
 your passport size  
 photograph here

Signature: Dr. Sheikanya Date: 19/05/2017

Address: Assistant Professor,  
Department of Biotechnology,  
Vikrama Simhapuri University,  
Kakulū, Nellore - 524320, Andhra Pradesh, India

Present Contact No.: 09248559408 Email-ID: sheikanya.iao@gmail.com