



## **DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY**

**(Deemed to be University U/s 3 of UGC Act, 1956),**

**Girinaagar, Pune-411 025**

**(An Autonomous Organisation fully funded by Department of  
Defence Research & Development, Ministry of Defence)**

### **WALK-IN-INTERVIEW**

#### **ADVT NO. 03-2017/JRF/DIAT(DU)**

1. A **Walk-in-Interview** will be held at this Institute on ~~(06 Jun 2017)~~ **13 Jun 2017 at 1000hrs** for a position of Junior Research Fellow (JRF) and Voluntary Project Interns to work under the SERB Project entitled **“WLAN Integrated GNSS System for Indoor Navigation”**. The details/eligibility conditions for selection are given hereunder:-

<b>Sr No.</b>	<b>Name of Post</b>	<b>No. of Post</b>	<b>Educational Qualifications required</b>	<b>Upper Age-Limit</b>	<b>Monthly Stipend Payable</b>	<b>Tenure</b>
1.	Junior Research Fellow (JRF)	01 (One)	<b>Essential</b> ME/ M.Tech in Electronics & Communication/Information Technology or equivalent with specialization in Wireless Communication/Information Technology/Satellite Navigation Systems  <b>Desirable</b> 1. Qualified in GATE Exam.  2. Must have good knowledge of GNSS, Signals and System Communication system, Wireless/Mobile Communication, Information Theory.  3. Hands on experience on MATLAB/LAB View/JAVA programming/Android Programming  4. Must have carried out a project in BE/B.Tech related to GNSS or similar in nature.	Not to exceed 28 Years (*)	<b>Rs. 25000/-</b> per month <i>during first 24 months</i> and <b>Rs 28000/-</b> per month <i>during last six months (consolidated)</i> (@)	The position is purely temporary and is for a period of 30 months OR co-terminus with the term of the project, whichever is earlier,  <b>Subject to satisfactory performance</b>
2.	Voluntary Project Interns \$	02 (Two)	ME/M.Tech (II Year/Final Year) OR BE/B.Tech or BE/B.Tech (Final Year) in Electronics & Communication/ Information Technology or equivalent with specialization in Wireless Communication/Information Technology/Satellite Navigation Systems		<b>Nil</b>	

**Note-1 :** (\*) The crucial date for determining the upper age-limit is ~~(06 Jun 2017)~~ **13 Jun 2017** (i.e. on the date of Walk-in-Interview/Selection Meeting). Upper age-limit is relaxable up to 05 years in case of candidates belonging to Scheduled Castes / Scheduled Tribes; and up to 03 years in case of candidates belonging to OBC).

**Note-2 :** (@) In addition to the monthly stipend payable, Medical facilities available at Health Centre, DIAT shall be admissible. Currently No HRA admissible as per SERB Sanction letter.

**Note-3 :** (\$) Candidates will be provided only Appreciation Letter by Principal Investigator. They will not be provided any Honorarium/Stipend/TA/DA/Medical Benefits/Hostel accommodation etc. or any benefits applicable to JRF except Appreciation letter. This is a voluntary activity only. They have to sign an Undertaking of DIAT (as per the format of DIAT) to accept all terms and conditions applicable to External Students/Project Students and they should submit a request letter Head of their parent organization/Institute.

2. An **‘Aptitude Test’** for ascertaining the aptitude of the candidates will be conducted by an Expert Committee during the interview.

3. **How to Apply**

(i) Candidates desirous of attending interview should forward their brief Bio-data duly signed and scanned (in PDF) alongwith the application form (duly filled) to the email ID of the Principal Investigator ([krishnakaramtoti@gmail.com](mailto:krishnakaramtoti@gmail.com)) and with a subject title "Application for **Junior Research Fellow/ Voluntary Project Interns**".

(ii) Candidates have to bring their original Certificates/Testimonials etc alongwith application with all necessary educational and other supporting documents/project reports/publications etc on the day of interview

(iii) Based on the suitability for the project, the applicants will be called for interview. No TA/DA will be paid for attending the interview. Applicants have to make their arrangements for attending interview.

(iv) Candidates working in Government/Public Sector Undertakings/Autonomous Bodies should produce a ~~No~~ Objection Certificate from the present employer.

(v) Names of the candidate shortlisted for interview will be made available on DIAT website and an email will be sent to suitable candidates. No interim communication is allowed.

(vi) Last date of submission of application is (~~02 Jun 2017~~) **09 Jun 2017** and Walk in Interview will be held on (~~06 Jun 2017~~) **13 Jun 2017 at 10:00 hrs.**

4. **The institute will not be in a position to provide campus/hostel accommodation.**

5. **Other Terms & Conditions:-**

(i) Selected candidates should have to sign a Non-disclosure Agreement (NDA) regarding the information and data shared by PI/DIAT and other Project Team members during the project and after the project activity.

(ii) The work, in full or part, shall not be published without the written authorization of PI/DIAT or other project team members in any national or international journals/magazines/conference proceedings.

(iii) IP Rights, if any, achieved lies with DIAT with sponsoring agency only. DIAT and sponsoring agency reserve all the rights to transfer the technology developed in this project to any third party for implementation or improvement.

(iv) Candidates will not be permitted to carry any report (in full or part)/documents (in full or part)/items related to the project. They will be provided Service Certificates or Appreciation letter only. No copy of Project report (in full or part) will be permitted to carry.

(v) **Detailed Terms & Conditions are also attached.**

6. It may please be noted that the above offer does not confer on the Fellows any right for absorption in DIAT (DU), Pune. It may be terminated at any time on one month's notice.

7. For further details/clarification, please visit our website [www.diat.ac.in](http://www.diat.ac.in) or contact Dr K Krishna Naik, Principal Investigator & Asst. Prof. in the Department of Electronics Engineering on Telephone No. (020) 24304307 and email Id [krishnakaramtoti@gmail.com](mailto:krishnakaramtoti@gmail.com).

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**Other Terms and Conditions**  
**QUALIFICATIONS AND OTHER REQUIREMENTS**

**Project title: "WLAN INTEGRATED GNSS SYSTEM FOR INDOOR NAVIGATION"**

**I. Essential and Desired Qualifications:**

**a. Junior Research Fellow:**

1. First Class ME/M.Tech in Electronics & Communication/Information Technology or equivalent with specialisation in Wireless Communication/Information Technology/Satellite Navigation Systems.
2. Must have good knowledge of GNSS, Signals and System, Communication Systems, Wireless/Mobile Communication, Information Theory.
3. Hands on experience on MATLAB/Lab View/JAVA programming/Android Programming.
4. Must have carried out a project in BE/B.Tech related to GNSS or similar in nature

**b. Voluntary Project Interns:**

Defence Institute of Advanced Technology, Pune will encourage students of ME/M.Tech II Year or BE/B.Tech Final Year or who are undergoing their Final Year project in ME/M.Tech or BE/B.Tech in **Electronics & Communication/Information Technology or equivalent with specialisation in Wireless Communication/Information Technology/Satellite Navigation Systems** are encouraged to apply as **Voluntary Project Interns** voluntarily. They will be provided only Appreciation Letter by the Project Principal Investigator. They will not be provided any Honorarium / Stipend / TA / DA / Medical benefits / Hostel accommodation etc. or any benefits applicable to Project Assistant except appreciation letter.

This is a voluntary activity only. They have to sign an Undertaking of DIAT(as per the format of DIAT) to accept all terms and conditions applicable to External Students/Project Students and they should submit a request letter from Head of their parent organization/Institute.

**II. Remuneration:**

- **Junior Research Fellow:** As per SERB guidelines. Currently Rs.25000/- per month for Initial Two Years and Rs.28000/- during last Six months. Currently there is no HRA as per SERB sanction letter.
- **Voluntary Project Interns:** NIL

**III. Number of Vacancies:**

- **Junior Research Fellow:** 01(One)
- **Voluntary Project Interns:** 02(TWO)

**IV. Duration of the Project:** 30 Months only. Not extendable.

**V. Contact Information:** Dr. K.Krishna Naik, Assistant Professor and Project Principal Investigator, Department of Electronics Engineering, Defence Institute of Advanced Technology, Girinagar, Pune-411025. Contact Email Id: krishnakaramtoti@gmail.com, phone no. 020-2430 4307

**VI. How to Apply:**

- i. Candidates desirous of attending interview should forward their brief Bio-data(format is available on DIAT Website) duly signed and scanned (in PDF) along with the application form (duly filled) to the email ID of the Principal Investigator (krishnanaik@diat.drdo.in) and with a subject title “Application for **Junior Research Fellow /Voluntary Project Interns**”.
- ii. Candidates have to bring their original Certificates/Testimonials etc along with application with all necessary educational and other supporting documents/project reports/publications etc on the day of interview.
- iii. Candidates working in Government/Public Sector Undertakings/Autonomous Bodies should produce a ‘No Objection Certificate’ from the present employer.
- iv. Names of the candidate shortlisted in interview will be made available on DIAT website and an email will be sent to suitable candidates. No interim communication is allowed.
- v. Last date of submission of application is ~~(02 Jun 2017)~~ **09 Jun 2017** and **Walk-in-Interview** will be held on ~~(06 Jun 2017)~~ **13 Jun 2017 at 10:00 hrs.**

**VII. Other terms and Conditions:**

- i. The recruitment of **Junior Research Fellow** is for 30 Months only. During the project period the **Junior Research Fellow** may be terminated from the project by PI if the performance found not satisfactory.
- ii. **Junior Research Fellow/Voluntary Project Interns** should sign a Non-disclosure Agreement (NDA) regarding the information and data shared by PI/DIAT and other Project Team members during the project and after the project activity.
- iii. The work, in full or part, shall not be published without the written authorization of PI/DIAT or other project team members in any national or international journals/magazines/conference proceedings.
- iv. IP Rights, if any, achieved lies with DIAT and sponsoring agency only. DIAT and sponsoring agency shall reserve all the rights to transfer the technology developed in this project to any third party for implementation or improvement.
- v. **Junior Research Fellow/Voluntary Project Interns** will not be permitted to carry any report (in full or part)/documents (in full or part)/items related to the project. They will be provided Service Certificates/Appreciation Letters only. No copy of Project report (in full or part) will be permitted to carry.

## APPENDIX 'A'



### DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(DEEMED TO BE UNIVERSITY u/s 3 of UGC ACT, 1956)

(Department of Defence Research & Development, Ministry Of Defence, Govt. Of India)  
Girinagar, Pune - 411025

#### APPLICATION FOR ENGAGEMENT AS JUNIOR RESEARCH FELLOW (JRF)/ VOLUNTARY PROJECT INTERNS UNDER SPONSORED PROJECT

PASTE HERE  
A SIGNED  
COPY OF  
YOUR RECENT  
PASS-PORT  
SIZE  
PHOTOGRAPH

Discipline applied for- \_\_\_\_\_ Post : \_\_\_\_\_

1. Name in full \_\_\_\_\_  
(as in qualifying degree certificate)

2. Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Pin

3. Email : \_\_\_\_\_ 4. Mobile \_\_\_\_\_

5. Phone No. \_\_\_\_\_ -- \_\_\_\_\_ 6. Marital Status  7. Sex (M/F/TG)   
STD Code

8. Date of Birth \_\_\_\_\_ 9. Caste : \_\_\_\_\_  
(as in School leaving certificate) Gen/SC/ST/OBC(NCL)

10. What are you doing currently:

11. Details of academic record (Please attach separate sheets if necessary):

Exam/ Degree	Branch/ Subject	University/ Institute	Month & Year	% of Marks	Relative rank in class*
X					
XII					
Bachelors					
Year 1	SEM 1				
	SEM 2				
Year 2	SEM 3				
	SEM 4				
Year 3	SEM 5				
	SEM 6				
Year 4	SEM 7				
	SEM 8				
Masters					
Year 1	SEM 1				
	SEM 2				
Year 2	SEM 3				
	SEM 4				
Any other Qualifications					

\* Please clearly mention the relative rank in class/division/college/university (if any) . eg. 5<sup>th</sup> in 89 students, 1<sup>st</sup> in university, 3<sup>rd</sup> in state as of the date of application. If you have not received result till date of application, please mention as result awaited.

**12. Research/Professional Experience in reverse chronological order** (*Attach separate sheet with details, if required*)

<b>Name &amp; Location of University/Institute/Industry/Laboratory</b>	<b>Period</b>	<b>Nature of duties/ Position held</b>	<i>Name of Supervisor</i>	<b>Title of Dissertation/Area of Research</b>

**13. Additional Information** (*Attach separate sheet with details, if required*)

- a. Ranks/Scores/Awards obtained in university or national level exam such as CSIR, UGC, GATE :
  
- b. Papers presented at seminar & conferences (*attach copies if any*) :
  
- c. Projects carried out (if any, other than required for academic program) :
  
- d. Participation/recognition in competition, such as NTSE, Olympiad, Design Contests :
  
- e. Any other special recognition/information such as knowledge of special tools/ techniques/skills :

**14.** Any other information: -

**15. Declaration by the Applicant:**

- a. I certify that the information given above is correct and I am aware that providing incorrect information in the application form may result in the cancellation of the selection.
  
- b. If I accept the offer of JRF/Voluntary Project Interns, I hereby undertake to abide by the rules and regulations of the Institute.

Date :  
Place :

Signature of Applicant :  
(Name of Applicant)