NCCS/HQ/4-9/2022-23/II/206

Government of India
Ministry of Communications
Department of Telecommunications
National Centre for Communication Security

09-12-2022

NOTIFICATION

Sub: Calling of applications from Interns willing to join in Q1, 2023 (Jan,23 to March,23) in NCCS, Bengaluru as per 'NCCS Internship Scheme' – reg.

National Centre for Communications Security, Department of Telecommunication, Bengaluru intends to engage interns under its 'NCCS Internship Scheme' for which applications are invited from eligible candidates/Students from the recognized universities/colleges in India or abroad, as below.

1. The eligibility condition applicable and other details are given in the Internship Scheme enclosed herewith.

2. Category wise Internship details are as follow:

Criteria	Category I	Category II
Period of engagement	Minimum duration – 60 days	Minimum Duration – 6 months Maximum Duration* – 12 months
Remuneration	Token remuneration @ Rs. 7,500/- per month on pro-rata basis. *	Token remuneration @ Rs. 15,000/- month on pro-rata basis. *
Maximum Strength at a time	05	15

*Refer Scheme Document for conditions

3. The number of interns is provisional and may vary as per the actual requirements at the time of finalization the selection.

4. Student Applicants (Category I) need to be recommended by the Institution in which the applicant is currently studying.

5. Interested and eligible candidates (both Category I and II) must submit their applications along with their CVs, areas of work interest in the prescribed application form (Attached as at Annexure-II) via email to ID: adghq.nccs-dot@gov.in with cc to directorhq.nccs-dot@gov.in. Incomplete applications will be rejected summarily.

6. While submitting online application, the information should be filled correctly in respective fields and scanned copy of duly filled application form (Annex-II) along with supporting document should be sent as single file I PDF format with file name same as applicant name (maximum file size 10 MB). Category I applicants while sending applications are requested to intimate period of availability during Jan-2023 to Mar-2023 to attend Internship as allowed by their institutes.

7. List/panel of shortlisted candidates will be hosted on NCCS Website and offer letters, as per actual requirements, will be sent to selected candidates through email.

8. Applicants who have applied earlier but willing to join during the quarter (Jan 2023-March 2023) are required to apply again as per fresh Notification.

9. Last date of receipt of applications for Joining during Q1-2023 (Jan-March 2023) is 31 Dec 2022.

In case of any query, e-mail may be dropped at adghq.nccs-dot@gov.in. This is issued with approval of competent authority.

P. Padluche

Director (SC & HQ)
O/o Sr DDG, NCCS

Copy to:

1. PPS to Member (S), DoT HQ, New Delhi
2. DDG(Estt.), DoT HQ, New Delhi
3. DDG(SA), DoT HQ, New Delhi
4. Web Administrator, DoT with request for uploading notification in DoT website

भारत सरकार   **Government of India**

संचार मंत्रालय   **Ministry of Communications**

दूरसंचार विभाग   **Department of Telecommunications**

राष्ट्रीय संचार सुरक्षा केंद्र   **National Centre for Communication Security**

NATIONAL CENTRE FOR COMMUNICATIONS SECURITY (NCCS)

INTERNSHIP SCHEME

1.0. OBJECTIVE:

National Centre for Communication Security (NCCS) is technical centre of DoT that is vested with the responsibility of developing Security standards/ requirements called Indian Telecom Security Assurance Requirements (ITSAR) and activities associated with the security testing and certification of Telecom equipment.

Framing of ITSAR involves Study of chosen Telecom network element and security testing for sample telecom network elements in areas like Security functional requirements, Software code assurance, Cryptographic related tests by people with specific domain expertise. It also involves certain amount of research work in areas like Hardware level Security, Source Code analysis (Static and dynamic analysis at HLL, Binary Code Analysis) Crypto algorithm implementation validation and Crypto Module validation, Supply chain vulnerabilities, Run time vulnerabilities in a live network (Advanced Persistent Threats), Back door entry vulnerabilities, Identification of Intentional/ Hidden Malware in Software/ Firmware of equipment. Since nature of work is highly technical, the manpower deployed should possess hands-on experience and have requisite domain knowledge.

In order to study/ formulate/ operationalize/ assessment of various works/ projects/ policies etc. Though domain experts are being engaged for majority works with 10 to 15 years of experience for advisory role and to impart the knowledge of new technologies being introduced in the networks to expedite creation of ITSARs, NCCS proposes to create an opportunity to young personnel to acquire this knowledge along with regular staff of NCCS as part of Capacity Building for security testing meeting the National objective. To attract young talent from the fields of ICT, internship programme is proposed by NCCS.

This Internship Programme will allow young talent to be associated with the NCCS work for mutual benefit. It will enable NCCS to interact with young scholars and to get fresh ideas and study/ research support from the field of academics. At the same time, it will provide an opportunity to young scholars to contribute in the NCCS work and have an insight into the related technical work. The eligibility condition applicable and other details are proposed in the Internship Scheme enclosed herewith.

2.0 ELIGIBILITY:

2.1 ELIGIBILITY for Category 1:

Indian students from recognized universities in India or abroad, studying in 3rd/ 4th year (Final or pre-final year) in Bachelor Degree course in Electronics/ Communications/ Telecommunication /Radio/ Information Technology/ Computers / Electrical (with majors in electronics/communications/computers) Engineering or related discipline and secured minimum 60% marks.

2.2 ELIGILIBLTY for Category 2:

Indian students from recognized universities in India or abroad, who have completed Bachelor Degree course in Electronics/ Communications/ Telecommunication/ Radio/ Information Technology/ Computers/ Electrical (with majors in electronics/communications/computers) Engineering or related discipline course with minimum 60% marks.

OR

Indian students from recognized universities in India or abroad, who have completed Graduation or pursuing Post Graduate/ Master Degree course in Electronics/ Communications/ Telecommunication/ Radio/ Information Technology/ Computers/ Electrical Engineering or related discipline course with minimum 60% marks.

Note:-

- The qualifications may be relaxed in deserving cases based on the needs of the NCCS, on the recommendations of Selection Committee and approval of Head of NCCS.
- Possessing minimum qualifications as above shall not guarantee Internship in NCCS. Candidates having exposure in the area of intended internship with good academic background and having higher qualification, based on need shall be given preference.

3.0 DURATION OF INTERNSHIP:

3.1 For Category 1: The minimum duration of internship shall be of sixty days.
3.2 For Category 2: The minimum duration of internship shall be of six months, extendable up to maximum of twelve months.
    3.2.1 Extension beyond six months shall be permitted, on the application of intern duly recommended by the concerned Head of Division and with the approval of the Head of NCCS.

4.0   HOW TO APPLY:

4.1   Interested and eligible candidates must submit their applications along with their CVs, areas of work interest in the prescribed application form (Attached as at Annexure-II) to designated office of NCCS, in response to advertisement/ notification from NCCS. Student Applicants need to be recommended by the Institution in which the applicant is currently studying.

5.0   SELECTION:

5.1   After the preliminary scrutiny regarding eligibility, the applications of shortlisted candidates will be placed before the selection committee. Selection Committee will be constituted with the approval of Head of NCCS.

5.2   The selection committee may conduct personal or telephonic interview, if required. No TA / DA shall be paid to candidates for attending the personal interview.

5.3   NCCS can also identify interns for specific work domain/ area after interaction with academic institutions.

5.4   Depending upon the number of applications received, NCCS may shortlist the applications, limit the number of applicants to be called for a particular period and to decide about the mode of screening thereof.

5.5   If the applicant is pursuing study at any institution (Category 1) then Applicant shall be required to produce a letter from their Supervisor/Head of Department/Institution, indicating his/her status in the Institution and "No Objection" for allowing the student to undergo Internship programme for the period for which he or she is selected before joining.

5.6   The internship is neither a job nor an assurance of a job with the NCCS.

6.0   PLACEMENT:

6.1   The interns would be attached with one of the officers in the Divisions of the NCCS.

6.2   An orientation workshop will be held for interns at the beginning of the internship. The work of interns will be monitored through periodic interaction with the interns.

6.3 The attendance record and the details of work supervision shall be maintained by the Divisions/Units in NCCS.

7.0 LOGISTICS & SUPPORT:

7.1 Interns will be required to have their own laptops. NCCS shall provide them working space, workplace Internet facility and other necessities as deemed fit by the concerned Head of Division

8.0 CODE OF CONDUCT:

8.1 The Intern engaged by the NCCS shall observe the following Code of Conduct, which shall include but will not be limited to, the following:

8.1.1 The Intern shall follow the rules and regulations of the NCCS.

8.1.2 The Intern shall not reveal to any person or organization confidential information pertaining to NCCS/DoT, its work and its policies.

8.1.3 Interns may, with the prior permission of the NCCS, present their work to academic bodies and at seminars and conferences. However, even for this purpose information that is confidential to the NCCS cannot be revealed under any circumstances.

8.1.4 Any papers and documents written and/or published by the Intern should carry the caveat that the views are the personal views of the Intern and do not represent or reflect the views of the NCCS.

8.1.5 Interns will follow the advice given to them by the NCCS regarding representations to third parties.

8.1.6 In general, an Intern may not interact with or represent the NCCS vis-à-vis third parties. However, some Interns may specifically be authorized to interact with third parties on behalf of the NCCS depending on the nature of their work areas.

8.1.7 No Intern shall interact with or represent the NCCS to the media (print and/or electronic) including social media including Facebook / twitter handles etc.

8.1.8 Interns will conduct themselves professionally in their relationship with the NCCS and the public in general.

8.1.9 It may be strictly observed that the conduct of the interns and their access to the data shall be the sole responsibility of the concerned Division.

8.1.10 Any work done for NCCS by the intern during the period of Internship will be the sole property of the NCCS and NCCS reserves the right to use any such work for its own purpose

8.1.11 The intern is barred from claiming intellectual property rights on the work done in NCCS during the period of internship.

9.0 SUBMISSION OF PAPER:

9.1 Work plans and work schedules shall be developed by the supervisor and the Interns shall invariably adhere to the same.

9.2 The interns will be required to submit a Report/Paper on the work undertaken at the end of the internship to the respective Division. The Report shall be signed by the concerned Officer with whom intern is attached, as an acceptance of successful completion of Internship.

10.0 TOKEN REMUNERATION:

10.1 Intern selected under Category 1 will be paid a token remuneration @ Rs. 7,500/- per month on prorate basis.

10.2 Intern selected under Category 2 will be paid a token remuneration @ Rs. 15,000/- per month on prorate basis.

10.3 The remuneration shall be paid after completion of the month subject to satisfactory progress of work duly accepted by concerned division from "Professional Services" head of Accounts.

11.0 CERTIFICATE OF INTERNSHIP:

11.1 On successful completion of Internship and submission of Report duly signed and accepted by the competent authority as stated above in Para 9.2, a Certificate shall be issued by the concerned Division in the format as available at Annexure-III.

12.0 DISENGAGEMENT:

12.1 The NCCS reserves the right to disengage any intern at any point of time from the Internship without assigning any reason.

12.2 If the Intern decides to disengage from the NCCS, he should provide prior notice (2 weeks in case of Category 1 or 4 weeks in case of Category 2). Notice period may be waived from time to time by the supervisor depending on the role of the Intern.

12.3 Upon disengagement, the Intern must hand over to the NCCS, any papers, equipment or other assets which might have been given to the Intern by the NCCS in course of his work with the NCCS. This will include any badges or ID Cards which may have been issued to the Intern.

12.4 If it comes to the notice of the NCCS that the Intern who has been disengaged by the NCCS continues to act in a manner which gives an impression that he is still engaged for the NCCS, the NCCS shall be free to take appropriate legal action against such intern.

13.0 NUMBER OF INTERNS:

13.1 Scrutiny of applications received up to last day of the quarter will be done on quarterly basis. Applicants can apply through-out the calendar year. Any candidate willing to join during a particular quarter, should submit the applications in previous quarter. (E.g., Any candidate willing to join during Jan-2023 to Mar-2023, should submit the applications on or before 31-Dec-2022)

13.2 NCCS will assess the requirement of the interns periodically. Present requirement is given at Annexure-IV.

13.3 The total number of interns engaged shall not exceed 20 (Inclusive of Category 1 & 2), at any point of time.

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ANNEXURE-II

APPLICATION FORM FOR INTERNSHIP WITH NCCS

1. Name of the Applicant (Mrs. /Ms. /Mr.):

2. Date of Birth:

3. Full Postal Address for Communication:

(Latest passport Size photograph of the applicant)

4. E-mail Id:

5. Mobile No.:

6. Area of interest:

7. Educational Qualification:

Examination		University/ Institute/ Board	Year of passing	Percentage/ CGPA	Subjects
12th					
Bachelor Degree in Engineering/ Technology	1st Year				
	2nd Year				
	3rd Year				
	4th year				
Post-Graduate Degree in Engineering/ Technology					
Any other					

8. Studying at present (Details):
(i) Name of Institution:
(ii) Degree along with branch/specialization:

9.   Projects undertaken/ papers presented/published:

10.   Specific Area(s) of work for the internship in order of priority:
                (i)
                (ii)
                (iii)

11. Any other relevant information/achievement (extra sheets may be annexed, if required):

I certify that the above information furnished by me is true to the best of my knowledge and belief. I also agree that in the event of any misrepresentation and/or falsification of information, my internship shall be liable for termination without notice and without prejudice to any other administrative/legal proceedings that NCCS may deem fit to initiate.

(Signature of the Applicant)

Place:

Date: Name:

RECOMMENDATION OF INSTITUTE
This is to certify that the information furnished by Ms./ Mrs./ Mr.…………..………… …………………….., in the application form above is correct to the best of my knowledge. I/We recommend for consideration of application for internship in NCCS. Date: …………….   Authorized signatory ………………………. Name & Designation ………………………….. Seal of Institution:

ANNEXURE-III

FORMAT OF INTERNSHIP COMPLETION CERTIFICATE

(To be given on Letter Head)

No. …………………. Dated :………………

INTERNSHIP COMPLETION CERTIFICATE

This   is   to   certify   that   Ms./Mrs./Mr.   ……………………………
recommended by …………………………………….. University/Institute has
successfully completed his/her Internship with National Centre for Communication Security, Department of Telecommunications, Ministry of Communications, Government of India from ……………. to ………….. During
the period of Internship he/she worked under ……………………….. in the
following areas:-

………………………………………………………………………………
………………………………………………………………………………

2.   He/ She has shown special flair for …………………………………….
and his/her performance in preparation of the report has been rated as …………
……………………………..

3.   I wish him/her every success in his/ her future endeavor.

(Signature)

Head of Division

ANNEXURE-IV

ASSESSMENT OF DIVISION-WISE REQUIREMENT OF INTERNS

Sl. No.	Division	Interns
1.	Security Assurance Standards	10
2.	Security Lab Recognition	2
3.	Security Certification	3