भारत सरकार/**Government of India**
संचार मंत्रालय /**Ministry of Communications**
दूरसंचार विभाग /**Department of Telecommunications**
राष्ट्रीय संचार अकादमी- तकनीकी /**National Communications Academy-Technology**
कमला नेहरू नगर, गाजियाबाद, उत्तर प्रदेश/**Kamla Nehru Nagar, Ghaziabad, U.P. 201002**

No: 1-6/2025-NTI.WA   Dated: 03.12.2025

NOTIFICATION

Subject: - Engagement of Student Interns under NCA-T

The National Communications Academy-Technology (NCA-T), Ghaziabad, a Centralized Training Institute (CTI) under Department of Telecommunications, Ministry of Communications, Govt of India intends to invite applications for a 6-week in-house Internship Programme to work on 5G/5G advanced/6G related subjects. Applications are invited from eligible candidates/Students from the recognized universities/colleges in India. The place of internship will be NCA-T, Ghaziabad India.

1. Tentative requirement of interns is 6 which may vary based on the actual requirement at the time of Final selection.
2. The terms and conditions of the engagement are as stipulated in Annexure A. (Copy Enclosed).

3. The period of engagement for intern will be of Six weeks

4. The willing and eligible applicant may send their duly filled application in the prescribed Proforma (Annexure-B) along with other required documents (Scanned copies) **to the -email to ad.wa-ncat@gov.in**

   Application should be received on or before **15-12-2025 (last date).** Delayed/incomplete applications will be rejected summarily.

5. Commencement of Internship in NCA-T would be tentatively from 05-01-2026 to 13-02-2026 for a period of 6 weeks programs.

6. Final list of selected candidates will also be published on NCA-T website and letters for internship will be sent by email to the selected candidates.
   In case of any query, e-mail may be sent to **ad.wa-ncat@gov.in**

                                        AD (WA-I)
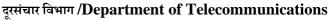   NCA-T, Ghaziabad

National Communications Academy- Technology,
Ministry of Communications, Department of Telecommunications,
Kamla Nehru Nagar, Ghaziabad, U.P. 201002
Web Site: ntiprit.gov.in

Encl: As Above
Copy to:

      1.All the premiere Engineering colleges in Delhi -NCR via email
      2. DoT Website
      3. Website of NCA-T

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National Communications Academy-Technology (NCA-T),

INTERNSHIP FOR YEAR 2025-26

(Terms and Conditions)

1.   OBJECTIVE:

1.1   The National Communications Academy – Technology (NCA-T), under the Department of Telecommunications (DoT), Ministry of Communications, Government of India, plays a crucial role in enhancing the capabilities and knowledge base of officers and stakeholders in the telecom domain. It serves as a national-level training and capacity-building hub in advanced communication technologies including 5G, IoT, AI-ML, MEC, Telecom Security, and beyond.

1.2   NCA-T is responsible for delivering practical and policy-oriented training programs aligned with national priorities such as Digital India, 5G deployment, secure networks, and next-gen telecom standards. In the era of rapidly evolving communication networks and technologies, and the increasing integration of AI and data-driven applications, it is vital to ensure that the workforce remains well-versed with contemporary trends and future directions.

1.3   The Academy's objective includes Imparting quality Induction Training and Technical Expertise Development Programme for holistic development and grooming of Officer Trainees as telecom management professionals through Training, Seminars, Workshops, Conferences, etc. NCA-T also prepares DoT Officers for challenges of higher responsibilities and Technical & Managerial skills upgradation through Mid-Career Training Programme (MCTP). Undertake Policy Research in collaboration with industry, academia, and other experts etc.

1.4   In pursuit of its vision to provide cutting-edge training and exposure, **NCA-T hosts state-of-the-art laboratories and hands-on facilities** to support experiential learning. The Academy houses a fully functional **5G Use Case Lab**, which includes a **5G Core and Radio Access Network (RAN)** setup, enabling trainees/interns to understand the end-to-end architecture and deployment scenarios of 5G networks. The lab is further augmented with **IoT sensor networks**

and a **drone communication module**, simulating real-world **5G-enabled applications** and showcasing future capabilities such as drone-based surveillance, smart city management, and low-latency control systems.

2.   Eligibility Conditions:

2.1   Essential Qualification: Students currently undergoing Bachelor Degree/Master degree in Electronics/ Communications/ Telecommunications/ Information Technology/ Computers/ Electrical Engineering (with majors in electronics/communications/computers) or related discipline with minimum 60% marks or equivalent CGPA till the current semester.

3.   How to apply: Interested and eligible candidates may submit their applications along with their CVs and areas of work interest in the prescribed application form (Annexure-I). The application must be accompanied by self-attested copies of academic and experience certificates/testimonials. Applications should be submitted to NCA-T in response to this advertisement/notification. **Applications will be accepted only through email at:** ad.wa-ncat@gov.in

4.   Selection:

4.1   A Selection Committee will be constituted to scrutinize the application as per norms to select the candidates for internship as per selection process detailed at **Annexure-II.**

4.2   NCA reserves the right to fill up any or all positions and select candidates in any suitable position depending upon the qualification and experience required for the said position.

4.3   This internship is neither a job nor an assurance of a job with the NCA-T.

5.   Work Description & Responsibilities:

5.1   The interns at National Communications Academy – Telecom (NCA-T), Ghaziabad will be primarily engaged in to develop new 5G use cases and experiments related to 5G Radio Network. The program is designed to give participants real-world insights into:

      (i) 5G Core and Access Networks
      (ii) Use Case Lab Projects and 5G Applications
      (iii) Edge Computing (MEC) for low-latency processing
      (iv). AI-integrated Camera Systems and video feed analytics
      (v). Augmented Reality (AR) and Virtual Reality (VR) in Telecom
      (vi) 5G Drone Testing and Control Applications
      (vii). IoT and Smart Network Integration

5.2   Application of AI/ML models in Telecom operations

Interns will be encouraged to contribute to project-based assignments, lab simulations, and application testing aligned with national priorities such as 5G, Digital India, and

secure communications. They may also be involved in documenting case studies, user feedback, or preparing summary reports based on their learning and experience.

5.3   The work of Interns will be monitored regularly. The attendance record and the details of work supervision shall be maintained by the WA Divisions of NCA-T.

6.   Monitoring and Mentorship:

The internship program will be conducted in a structured manner, with daily attendance, mentor guidance, and project tracking. Each intern will be assigned to a designated supervisor or training officer who will monitor progress, ensure discipline, and provide technical guidance.

A short project report or presentation will be required at the end of the program, summarizing the key learnings and contributions of the intern. This will be a prerequisite for issuance of the Certificate of Completion.

7.   Remuneration:

7.1   No Remuneration of any kind will be provided during the internship. The candidates may be offered boarding/lodging during the program in the hostels, if available, on nominal charge basis as per rules.

8.   General conditions:

8.1   The Interns will be under the administrative control of the officer to whom they are attached.

8.2   The Interns shall follow the rules and regulations of NCA-T that are generally applicable to employees of the Department of Telecommunications. Interns are required to adhere to the administrative, disciplinary, and conduct-related regulations of NCA-T/DoT/Government of India. Regular attendance of the interns will be ensured by the supervisor/controlling officer in the concerned division by maintaining an attendance register.

8.3   The Interns shall not disclose any confidential information related to NCA-T/DoT, its operations, data, or policies to any unauthorized person or organization.

8.4   In general, an Intern shall not interact with or represent NCA-T in dealings with third parties. However, interns may be authorized specifically for such interactions based on the nature of their assigned work, and such interactions shall be in accordance with guidance issued by NCA-T.

8.5   No Intern shall communicate with the media—whether print, electronic, or social (including personal Twitter, Facebook, LinkedIn, Instagram, etc.)—as a representative of NCA-T, without prior approval.

8.6   Interns shall conduct themselves in a professional and respectful manner in their

interaction with NCA-T staff, other interns, and the general public.

8.7 Any work, content, report, or material created by the Intern during the internship period will be the exclusive property of NCA-T. The intern shall not claim any intellectual property rights over such work.

9. Disengagement:

9.1 The NCA-T reserves the right to disengage any Intern at any point of time without assigning any reason.

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Application Form for "Interns" for 6 week At NCA-T (Wireless Access Division)

(Applicants should submit only one application)

1. Name:
2. Father/Husband Name:
3. Gender:
4. Date of Birth:
   (Please enclose mark-sheet of class 10th as age-proof)
5. Correspondence Address:

Paste latest Passport Size Photograph

6. Permanent Address:

7. Contact details:
   Email id.:
   Phone: (Residence)
   Mobile No:

8. Academic Record:

Examination	Branch/ Specialization	Name of Institute / Board	Year of passing	CGPA*	Percentage marks
Bachelor Degree in Engineering/ Technology					
Post-Graduate Degree in Engineering/ Technology					
Any other					

*Applicants with CGPA degree should fill in equivalent percentage marks also and should submit documentary proof of conversion norm of their institute/ university, failing which a CGPA will be multiplied with 9.5 for deriving the equivalent percentage marks.

9. National Institutional Ranking Framework (NIRF) ranking in Overall category (please see Note 1 of Annexure-II) of
   (i)   Engineering Graduation institute: ……………………………………
   (ii) Engineering Post-Graduation institute: …………………………….

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10. Academic distinction (special achievements), if any (Any work executed related to 5G/5G Adv/6G subject may be mentioned :
11. Key projects/ papers/ presentations:
12. Area of interest:
13. Additional information in support of your suitability:
14. Writeup on Candidates suitability to NCA-T and its functions: Enclose Annexure

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 engagement shall be liable for termination without notice and without prejudice to any other administrative/legal proceedings that NCA-T may deem fit to initiate. I shall abide by the terms and conditions specified by NCA-T.

(Name & Signature of the Candidate)

List of Documents: (Self-attested copies)
1. Mark-sheet of Class 10th / 12th.
2. Mark-sheet of Engineering Graduation
3. Mark-sheet of Engineering Post-Graduation (if applicable)
4. Documentary proof of CGPA to Percentage conversion norm (if applicable)
5. Work experience/ Internship Certificate (if available)
6. Any other document to support candidate application

SELECTION PROCESS

1. All the received application will be scrutinized for eligibility based on essential qualifications, age etc. and applications of ineligible candidates will be rejected summarily.

2. Thereafter, merit list of all eligible candidates will be prepared by the selection committee on the basis of score obtained by each candidate. Score of every candidate will be calculated by adopting following methodology:

Sl. No.	Item	Maximum marks	Score	
I	Engineering Graduation Percentage (till the current semester)	50	Percentage marks X 0.5	
II	Post-Graduation Degree	20	Degree in relevant field	
III	Engineering Graduate Institute Ranking*	10	NIRF Ranking**	Marks
			1-20	5
			21-50	3.5
			51-75	2.5
			76-100	1
			Others	0
IV	Publication (Research/Articles etc.)/Project work done on 5G/ 5G advanced/6G related subjects.	20	5 marks for any Research paper in reputed journal/Project work(s) (Max 4 articles marks 5*4=20)	
V	Total Score	100	Sum of I, II, III & IV	

*Note 1: The National Institutional Ranking Framework (NIRF) is released by the Ministry of Human Resource Development (MHRD), Government of India. This framework ranks various institutions on the basis of their performance against pre-defined parameters. NIRF ranking is a reflection of the institution's standing vis-a-vis other institutions of the similar category. Details about NIRF and rankings are available at https://www.nirfindia.org/Home. Latest NIRF Overall Ranking as on date of Notification of vacancies shall be considered. Affiliated or recognised colleges of universities shall not be considered for awarding marks unless they are figured out in above list explicitly

**Note 2: The ranking of the institute as applicable on the date of RA notification will be taken into account for granting marks.

3. The merit list will be prepared on the basis of sub-total of scores at 2(V)

4. Merely fulfilling of the essential qualifications will not entitle a candidate for being called for internship. NCA-T reserves the right to shortlist and select the candidate

5. The final merit list will be prepared on the basis of total score at 2 (V) and the candidates will be selected in the order of the merit.

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