

File No.RW/NH-36098/03/2022-S&R(P&B)  
 Government of India  
 Ministry of Road Transport and Highways  
 S&R (Roads) Zone  
 Transport Bhawan, 01, Parliament Street, New Delhi-110 001

Dated: 07<sup>th</sup> April, 2022

To

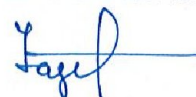
1. The Chief Secretaries of all State Government/UTs.
2. The Chairperson, National Highways Authority of India (NHAI), G-5&6, Sector-10, Dwarka, New Delhi-110075.
3. The Principal Secretaries/Secretaries of all States/UTs PWD dealing with National Highways, other centrally sponsored schemes and state schemes.
4. The Managing Director, National Highway Infrastructure Development Corporation Ltd., 3<sup>rd</sup> floor, PTI Building, Parliament Street, New Delhi-110001.
5. Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.
6. All Engineer-in-Chief and Chief Engineers of all States/UTs PWD dealing with the National Highways, other centrally sponsored schemes and state schemes.
7. All ROs of MoRTH.

Subject: Internship of B.Tech/ M.Tech Civil Engineering students in National Highway Projects

Madam/Sir,

Ministry of Road Transport and Highways has been implementing large number of National Highway projects under Bharatmala Pariyojana and various other schemes through its implementing agencies i.e., NHAI, NHIDCL, State PWDs and BRO. The competencies of engineers working in MoRTH, its implementing agencies, contractors and consultants is a very critical requirement for desired outcomes of such highway projects in terms of strength, durability, serviceability and sustainability. It is however observed that, at times, lack of competencies of the engineers is responsible for poor planning, design and construction leading to functional shortcomings, failure/premature distress during construction and/or acceptance of below specification works. It is generally seen that the contractors and consultants do not provide adequate initial/mid-career training to their engineers. While importance of such training/skill development programmes cannot be belittled, it is also essential that the graduate/post-graduate civil engineers recruited by the contractors & consultants have adequate exposure to highway projects for successful delivery of ongoing highway development programmes.

2. In this regard, it is to state that AICTE model curriculum for under graduate degree in civil engineering includes project (project work, seminar and internship





in industry or at appropriate work place) both in 7<sup>th</sup> and 8<sup>th</sup> semester courses aggregating to 12 credit points. Such internship of variable durations are now being allowed in different academic institutes. There is strong need to institutionalize internship programme in highway projects to groom young engineers for highway projects.

3. Keeping this in view, it has been decided that henceforth the final year B. Tech/ M. Tech Civil Engineering students of IITs, NITs and Govt. Engineering Colleges shall be provided internship in highway projects/stand alone projects involving innovative bridges, tunnels & viaducts/elevated sections having length more than 2000 m, expressways and partially access controlled highways where cost of entire corridor projects is more than Rs. 2500 crores being implemented through different implementing agencies. The period of internship shall be minimum 3 months out of which minimum 12 weeks will be assigned to the contractor and consultant of a particular highway project. The interns will be made to learn through work.

3.1 A committee comprising of DG(RD)&SS, Member project NHAI and ED, NHIDCL will identify the projects for providing internship.

3.2 In order to attract civil engineering students to internship in NH projects, separate Tab shall be created in MoRTH, NHAI, NHIDCL and BRO websites. Similarly, AICTE will be requested to create separate Tab in their website, <https://internship.aicte-india.org>. A student has to apply online on MoRTH portal for internship.

3.3 A student must have secured CGPA 7.0 in the completed semesters for which result has been published to be eligible for internship in NH projects.

3.4 The candidates are applying for internship in NH project will be selected by the committee mentioned in para 3.1 above. The committee will alert the applicants to different NH project under implementing agency of the Ministry. Efforts are be made to provide internship to around 100 B.Tech/M.Tech students (NHAI -60 nos., State PWD - 25 nos. & NHIDCL - 15 nos.) every year. The numbers will be reviewed one year after the commencement of internship program.

3.5 The implementing agencies shall pay stipend at the rate of Rs 10,000/- per month to under graduate students and Rs 15,000/- per month to post-graduate students. The implementing agencies shall provide appropriate stay and transportation facility to the interns. The internship stipend and other expenses will be met out of project contingencies.





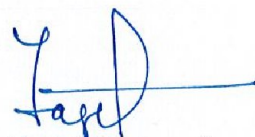
3.6 There will be one mid-term evaluation and final evaluation of the interns on completion of the internship and internship certificate shall be issued to only those candidates who successfully complete internship. The suggestive method of evaluation of the interns is enclosed as Annexure-I.

3.7 All the contractors undertaking National Highway Projects costing more than Rs. 200 crores (civil cost) will ensure that minimum 20% of their fresh engineer recruits have successfully completed the internship in NH projects. Necessary provision will be incorporated in the contract /concession agreement for contractor/concessionaire to give effect to this requirement.

3.8 All the consultants (DPR, Authority's Engineer, Independent Engineer & PMC) involved in NH projects will ensure that minimum 20% of their fresh engineer recruits have successfully completed the internship in NH projects. Necessary provision will be incorporated in the RFP for DPR consultancy services/AE/IE/PMC to give effect to this requirement.

4. The internship as above will start from the academic year 2022-23.

5. This issues with approval for competent Authority.



(Jagat Narayan)

Superintending Engineer, S&R (Roads)  
For Director General (Road Development) &SS

Copy to:

1. All Technical Officers in the Ministry or Road Transport & Highways
2. The Secretary General, Indian Roads Congress.
3. The Director, IAHE
4. Technical circular file of S&R (R) Section
5. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

6. PS to Hon'ble Ministry (RT&S)
7. PS to Hon'ble MOS (RT&S)
8. Sr. PPS to Secretary (RT&H)
9. PPS to DG(RD)&SS
10. PPS to SS&FA
11. PPS to ADG (Nodal)/ ADG South Zone-I/ADG East Zone-II
12. PPS to AS Highways
13. PPS to JS (EAP)

**Method of Evaluation of Interns in NH Projects**

- Presentation on internship learning and experience: 20 marks
- Report on internship learning and experience: 40 marks
- General assessment by Project manager of contractor/concessionaire: 10 marks
- General assessment by Team Leader of AE/IE/PMC: 10 marks
- General assessment by PD/EE of NHAI/NHIDCL/BRO/State PWD: 10 marks
- Attendance: 10 marks

Minimum pass mark is 75. RO, MoRTH/NHAI/NHIDCL/SE, BRO shall assess the presentation and report and award marks and finally decide if certificate to be issued to the intern based on total score.

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