



**Indian Academy of Highway Engineers**  
(Ministry of Road Transport and Highways, Govt. of India)  
भारतीय राजमार्ग अभियंता अकादमी  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)



IAHE/Trg./01/2021-22/UNSW/Project-CATTS

Dated: 14.09.2022

**OFFICE MEMORANDUM**

Subject: Notice for Inviting Applications for Ph.D programme under UNSW, Sydney, Australia from eligible officers of Central Engineering Services (Roads)

Indian Academy of Highway Engineers (IAHE) has entered an agreement with University of New South Wales (UNSW), Australia on 15<sup>th</sup> July, 2021, with the aim to collaborate on "Project for capacity building, technology transfer and creation of enabling environment for establishment of Centre of Excellence namely Centre for Advanced Transportation Technology and Systems (CATTS) in IAHE".

2. Earlier vide Circular of even no. dated 24.06.2022 applications were invited however, no response was received. Applications are invited again from EEs/Officers of CES(R) working in MoRT&H, NHAI, NHIDCL, IAHE etc. for Ph.D. programme under UNSW. The details are as follow:

S. No.	Particular	Details
1.	Name of the Programme	03 years Ph.D. programme under UNSW
2.	No. of Officers Required	02
3.	Eligibility Criteria	CES (Roads) Officers with 05 years of minimum service (In case officer not meeting the eligibility criteria may also give their willingness and submit application)
4.	Programme	UNSW will facilitate two MoRTH officers to undertake Ph.D. as part of the project, provided they meet UNSW requirements as stipulated at <u>Annexure-II</u> . The candidates will spend the first year at UNSW followed by field work in India, and subsequent travels to UNSW to meet the Ph.D. requirements.
5.	Terms and Conditions	The terms and conditions of DoPT and guidelines on study leave would be followed for PH.D. Programme.

3. The Officers who fulfil above mentioned criteria and willing to pursue PhD may submit their applications through their controlling officer to the Director, Indian Academy of Highway Engineers, A-5, Institutional Area, Sector-61, Noida-201309 ([director-iahe@gov.in](mailto:director-iahe@gov.in), [director.iahe@gmail.com](mailto:director.iahe@gmail.com)) latest by 30<sup>th</sup> Sept., 2022 in the prescribed application format Annexure-I.

4. This issues with the approval of Director, IAHE.

  
(Devendra Kumar Bansal)  
Assistant Director, IAHE

कृपया ध्यान दें: सभी पत्राचार केवल निदेशक को पदनाम द्वारा संबोधित किए जाएं।/Please note: All correspondence should be addressed to the Director by designation

ए-5, इंस्टीट्यूशनल एरिया, सेक्टर-62, नोएडा (यूपी) - 201 301 (भारत) / A-5, Institutional Area, Sector-62, Noida (UP) - 201 301 (India)

दूरभाष /Telephone/ 0120-2975331/2

ईमेल/ Email: [director-iahe@gov.in](mailto:director-iahe@gov.in) /Website/ वेबसाइट: [iahe.org.in](http://iahe.org.in)





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Copy to:

1. PPS to Secretary, MoRTH.
2. PPS to DG (RD) & SS, MoRTH.
3. Joint Secretary (Establishment), MoRTH.
4. Joint Secretary (IAHE), MoRTH.
5. All officers of CES (Roads).
6. NIC for circulate on Ministry's website.

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Annexure-I

Applications for Ph.D. programme under University of New South Wales (UNSE), Sydney, Australia in the area of Computable General Equilibrium and Urban Pervasive Modelling

Application Format

1. Name of the Candidate (in Block Letters) :
2. Father's/ Husband's Name :
3. Date of Birth (in dd/mm/yyyy format) :
4. Permanent Address (with PIN code) :
5. Address for Correspondence (with PIN code) :
6. E-mail address, Phone numbers (Office, Residence & Mobile)

Office:

Email:

Mobile:

7. Details of Educational Qualifications (Matriculation onwards, enclose a separate sheet, duly authenticated by your signatures, if the space below is insufficient)

S. No.	Education Qualification	Passing Year	Marks %	Name of Institution	Remarks
a.	Secondary				
b.	Sr. Secondary				
c.	Graduation				
d.	Masters				
e.	Other				

8. Details of experience (in chronological order, enclose a separate sheet duly authenticated by your signatures, if the space below is insufficient)

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S. No.	Year (s)	Organization	Remarks
a. Experience before joining MoRTH			
b. Date of Joining MoRTH			
c. Present post held with dates (in dd/mm/yyyy format)			

9. Indicate your willingness to work beyond completion of CATTs project at IAHE after completing PhD: Yes/No

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### DECLARATION

I am well aware that the Application Form duly supported by documents submitted by me will also be assessed at the time of selection for the post.

I also hereby solemnly declare and undertake that all information furnished by me is true, correct and complete to the best of my knowledge and belief.

Date:

Place:

[Signature of Applicant]

Name of Applicant:

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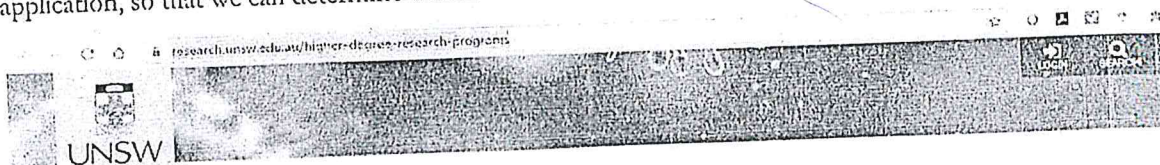
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### Information on UNSW PhD Entry Requirements

The UNSW Higher Degree Research Requirements are stated on the website. <https://research.unsw.edu.au/higher-degree-research-programs>. The picture of this is provided below as on September 2, 2020. As stated

"The minimum requirement for UNSW Scholarship with admission to a PhD is: a four-year Bachelor's degree with Honours Class I from an Australian institution or equivalent research qualification experience. This qualification must be in a field relevant to the proposed area of research."

We advise that the interested candidates CV and Undergraduate marks are provided to us prior their application, so that we can determine whether the student meets the above criteria.



#### Higher Degree Research Programs

UNSW offers three higher degree research programs: Doctor of Philosophy, Masters by Research, and Master of Philosophy.

Each of these degrees requires candidates to undertake an original and critical research project that makes a significant contribution to existing knowledge of relevance both nationally and internationally. Candidates carry out their research under the supervision of some of Australia's leading researchers.

To support candidates seeking additional development and industry engagement opportunities, UNSW offers some Professional Doctorates and structured PhD programs.

Read about our higher degree research programs below

#### Doctor of Philosophy

A Doctor of Philosophy (PhD) requires completion of a piece of research that demonstrates a significant and original contribution to knowledge in the field of study.

Candidates acquire advanced specialist research training and produce a thesis that provides evidence for independent thought, critical analysis, and expert knowledge of the discipline in an international context. In some disciplines, creative work may form part of the thesis.

Availability	Offered in all Faculties
Duration	3-4 years (full time) Minimum commitment of 35-40 hours per week 8 years (part time) Minimum commitment of 15 hours per week
Assessment	A thesis of no more than 100,000 words
Learning Outcomes	View the Graduate Attributes and Learning Outcomes for this program <a href="#">here</a> .
Entry requirements	<p>The minimum requirement for admission to a PhD is:</p> <ul style="list-style-type: none"> <li>• an appropriate UNSW Bachelor degree with upper second class Honours; or</li> <li>• a completed Masters by Research from UNSW with a substantial research component and demonstrated capacity for timely completion of a high quality research thesis; or</li> <li>• an equivalent qualification from a tertiary institution as determined by the Faculty Higher Degree Committee (HDC)</li> </ul> <p>The minimum requirement for UNSW Scholarship with admission to a PhD is:</p> <ul style="list-style-type: none"> <li>• a four year Bachelor's degree with Honours Class I from an Australian institution or equivalent research qualification experience. This qualification must be in a field relevant to the proposed area of research.</li> </ul>