

العدد : ص ب / ١٣

التاريخ : / / ٢٠٢٢

٥٥



جمهورية العراق
وزارة التعليم العالي والبحث العلمي
دائرة البعثات والعلاقات الثقافية
قسم الدراسات خارج العراق
شعبة الزمالات الدراسية

اعلان

الرناسات الثلاث / مكتب الرئيس
الوزارات كافة/ مكتب الوزير
الجهات غير المرتبطة بوزارة
المحافظات كافة/ مكتب المحافظ
الجامعات كافة/ مكتب رئيس الجامعة
الهيئات كافة/ مكتب رئيس الهيئة
فئة غير الموظفين
م/ مقاعد ومنح دراسية هندية

السلام عليكم ورحمة الله وبركاته ...

يسر دائرة البعثات والعلاقات الثقافية ان تنوه عن توفر مقاعد دراسية في مجال (Hydrology) للدراسة في المعهد الهندي للتكنولوجيا (Roorkee) للعام ٢٠٢٢/٢٠٢٣ على ان يكون التقديم عن طريق الرابط الالكتروني التالي:-
<http://hy.iitr.ac.in>، مع العرض ان الحكومة الهندية ستوفر منح دراسية للطلبة ذوي الدخل المحدودة ويكون التقديم عليها من خلال الموقع الالكتروني : <https://www.itecgoi.in/index.php> .
الرابط الخاص بدائرة البعثات والعلاقات الثقافية: (<http://scrdgate.scrdiraq.gov.iq>)

ملاحظة :-

- يكون التقديم للمقاعد الدراسية لفئة غير الموظفين حصراً و وفق شروط وضوابط قناة النفقة الخاصة على ان يكون آخر موعد لتقديم استمارة المشاركة على الموقع الالكتروني المذكور في اعلاه هو ٢٠٢٢/٦/٢٠ .
- اما بخصوص المنح الدراسية يكون التقديم لفئتي الموظفين وغير الموظفين و وفق شروط وضوابط الزمالات الدراسية المذكورة في نظام رقم (٣) لسنة ٢٠١٨ وفيما يتعلق بالاختصاصات يجب ان تتوفر في المتقدم شروط وضوابط الزمالات التي تم اعمامها بموجب كتبنا نوات الاعــــداد : ٢٣٩٤٠ ، ١٨٠٨١ في ١٨/٨/٢٠١٥ ، ٢٠١٧/٧/١٩ اي امكانية الحصول على شهادة الدكتوراه بالنسبة لذوي الاختصاصات (الاعلام ، القانون ، اللغة الانكليزية) مع مراعاة ان اللغة الانكليزية تُدرس في البلد الام استناداً الى نظام رقم (٣) لسنة ٢٠١٨ مع امكانية اعتماد الاختصاصات التالية (آثار، انثروبولوجي، تربية خاصة) .
- فيما يتعلق بالتخصيصات المالية بالنسبة لموظفي الوزارات (عدا وزارة التعليم العالي) فان مركز الوزارة لا يتحمل أي تبعات مالية.
- يخضع المتقدم لشروط الدولة المانحة كما نرفق ربطاً الكتيب الخاص بالمقاعد المتوفرة (مدار البحث) مع التقدير

أ.د. حازم باقر طاهر

المدير العام لدائرة البعثات والعلاقات الثقافية وكالة

٢٠٢٢/٥

نسخة منه إلى:-

- مكتب معالي الوزير / للتفضل بالاطلاع ... مع التقدير
- دوائر الوزارة كافة ... للتفضل بالاطلاع... مع التقدير
- مكتب المدير العام/ للتفضل بالاطلاع ... مع التقدير
- قسم الاعلام راجين نشره في وسائل الاعلام المتاحة ... مع التقدير
- قسم المعلوماتية / راجين نشر الاعلان على موقع الدائرة الرسمي.

1. DEPARTMENT OF HYDROLOGY

The period from 1965 to 1974 witnessed the establishment of a number of International Post Graduate Courses in Hydrology under the UNESCO's International Hydrology Decade. The training and education in Hydrology was one of the main components of this programme. In 1972, with the inception of the International Post-Graduate Course, the Department of Hydrology (DoH) marked its beginning. The courses offered by the Department are presently sponsored by the Government of India and international agencies like UNESCO, World Meteorological Organisation (WMO) etc. Till date, a total of 1042 participants including 371 foreign participants from 43 countries have participated in the Post-Graduate Programmes (ANNEXURE-1).

Since 2003, the Department has widened its horizon by offering admissions to the GATE qualified fresh engineering and science graduates. The Department of Hydrology has been recognized as one of the WMO-Regional Training Centre in 2015.

Vision : To be the fountainhead of new ideas and innovations in hydrology

Mission : Capacity building through education and training, and conducting pioneering research to seek scientific and engineering solutions in the field of hydrology.

Website : <https://hy.itrac.in>

Faculty

Prof. B.K. Yadav	Professor & Head	Groundwater Hydrology, Bioremediation
Prof. N.K. Goel	Professor	Stochastic Hydrology
Prof. Himanshu Joshi	Professor	Environmental Hydrology
Prof. D.S. Arya	Professor	GIS & RS, Surface Water Modelling, Climate Change
Prof. M.K. Jain	Professor	Watershed Modelling & Management, GIS & RS
Prof. Sumit Sen	Assoc. Professor	Watershed Modelling, Experimental Hydrology
Prof. Ankit Agarwal	Asstt. Professor	Big Data Hydrology, Climate Science
Prof. Bhaskar Ajit Deha	Asstt. Professor	Membrane Science, Desalination, Water/Waste Water Treatment
Prof. Ashutosh Sharma	Asstt. Professor	Hydroclimatology, Ecohydrology, Machine Learning

2. PROGRAMMES OFFERED

The Department offers the following academic programmes:

- **P.G. Diploma (Hydrology):** It is a 12-months academic programme, which includes classroom lectures, tutorials and practicals and a seminar.

- **M.Tech. (Hydrology):** It is a 24-months academic programme. It includes classroom lectures, tutorials and practicals and a seminar in the first year. In the second year, the student devotes himself to a research topic and continuously works on it, leading to the completion of dissertation.

Ph.D. (Hydrology): The Department also offers Ph.D programme. For more information, please refer to our website [www.itr.ac.in](http://itr.ac.in). Currently, 42 scholars are registered for pursuing their research leading to Ph.D. degree.

3. LANGUAGE OF INSTRUCTION : ENGLISH

4. INTAKE FOR P.G. DIPLOMA/ M.TECH.

The sanctioned intake for P.G. Diploma and M.Tech. programmes is forty five (45). Out of this, twenty four (24) candidates are selected from different government/semi-government organizations from India and abroad whose candidature will be officially sponsored. Twenty one (21) seats are earmarked for candidates having valid GATE score. Candidates working in National and International Government/Semi Government/PSU organizations/ International agencies are eligible to apply based on this Information Brochure. Selection of GATE qualified candidates will be made through a separate announcement of admission made by PG Admission Office of IIT Roorkee.

5. SPECIALIZATIONS IN P.G. DIPLOMA/ M.TECH.

A candidate can opt for pursuing P.G. Diploma/M.Tech. studies in any of the following specializations offered by the Department:

- Surface Water Hydrology
- Groundwater Hydrology
- Watershed Management

The courses offered under these specializations consist of core courses and elective courses. The core courses of different specializations are as follows:

Surface Water Hydrology	Groundwater Hydrology	Watershed Management
<ul style="list-style-type: none"> • Channel and Fluvial Hydraulics • Deterministic Hydrology • Stochastic Hydrology • Surface Water Modeling and Simulation • Environmental Planning and Assessment of Projects • Hydrometeorology and Climate Change • Bigdata and Hydroinformatics 	<ul style="list-style-type: none"> • Groundwater Hydrology • Geophysical Investigations • Environmental Quality • Groundwater System Analysis • Soil and Groundwater Contamination Modelling • Multi-phase Flow through Porous Media • Vadose Zone Hydrology 	<ul style="list-style-type: none"> • Hydrologic Elements and Analysis • Watershed Behaviour and Conservation Practices • Remote Sensing and GIS Application • Watershed Modeling and Simulation • Irrigation and Drainage Engineering • Planning and Management of Watersheds • Experimental Hydrology

The students are free to choose elective courses offered by this Department as well as other departments to strengthen their base depending upon their inclination towards other disciplines. Delivering a seminar in the second semester is now an integral part of PG Diploma/M.Tech. programme.

Working on a dissertation problem is an important aspect of the M.Tech. programme. The students carry out hydrological analysis required for a comprehensive thesis in their fields of specialization.

6. ELIGIBILITY FOR ADMISSION

Candidates with the following academic qualifications are eligible to apply for admission to PG Diploma/ M.Tech programme in Hydrology.

(a) Academic Qualifications (any one of the following)

- (i) Bachelor's degree in Civil/Agricultural Engineering/Hydrology or its equivalent qualification
- (ii) M.Sc./M.Tech. (Master's) degree in Chemistry/Geology/Geophysics/Applied Geology/Applied Geophysics/Physics/Meteorology/Geography/Atmospheric Physics/ Environmental Science, with Mathematics in B.Sc. (Bachelor's) course as one of the subjects
- (iii) M.Sc. (Master's) Degree in Statistics with Physics or Mathematics at B.Sc. (Bachelor's) level
- (iv) M.Sc. (Master's) Degree in Mathematics with Physics in B.Sc. (Bachelor's) level, or its equivalent
- (v) A.M.I.E. (Civil) with B.Sc. or Engineering Diploma qualifications with at least 3 years research/teaching/ other professional experience in responsible capacities.

(b) Conditions for full time sponsored/nominated candidates only:

- (i) Candidates seeking admission to the P.G. Diploma/ M.Tech. programme in Hydrology and who possess the required qualification(s) stated above must have at least 60% aggregate marks or 6.00 CGPA on a 10 point scale at qualifying degree level.

For Indian candidates belonging to SC/ST category, the qualifying percentage is 55% aggregate marks or 5.5 CGPA on a 10 point scale. SC/ST category candidates must submit the requisite certificate from a competent authority along with the application.

- (ii) Full time sponsored candidates must have a minimum of two years of full time work experience by the last date of submission of application form in a responsible capacity in a registered Firm/ Company/ Industry/Educational and Research Institution/Govt. or Quasi-Govt./ Autonomous Organizations in the relevant field(s) in which admission is being sought. The Firm/Company/ Industry should either be a public sector undertaking or a public limited undertaking or a private agency whose annual turn-over during the last two years exceeded Rs. 5 Crores. Educational Institutions sponsoring the candidates should be recognized by AICTE (Indian candidates only).

Note: The candidates working in Institute/University awarding PG degree itself are not eligible to apply under this category

- (iii) Candidates must submit the sponsorship certificate duly signed by the Head of the Institution/ Organization on the prescribed proforma (ANNEXURE-2) at the time of admission.

Note :-

- Candidates working in National and International Government/Semi Government/PSU organizations/International agencies are eligible to apply based on this Information Brochure. Remaining candidates can apply through the advertisement released by PG Admission Office in the month of March every year.
- Part-time sponsored candidates can be admitted in accordance with the prevailing ordinances/ regulations of IIT Roorkee.
- A few Indian candidates may also be admitted under QIP schemes, Early Faculty Induction Programme (EFIP) of AICTE and Defence Research & Development Organization (DRDO) Schemes. For further details about admission in these schemes, candidate should contact PG Admission Office, Indian Institute of Technology, Roorkee – 247 667.
- Admissions, studentship and related matters are governed by the IIT Roorkee ordinances/regulations framed/amended/ modified and in vogue from time to time. Accordingly, the admission for session 2022-2023 will be as per the prevailing ordinance/ regulation.

7. SPONSORSHIP/ FELLOWSHIPS

(A) Fellowships for International Candidates

International candidates may apply through proper channel for the following fellowships. An advance copy of the fellowship form should be sent to the Department of Hydrology for admission processing.

(i) Government of India (GoI) Fellowships:

The Government of India grants fellowships to foreign nationals under the Indian Technical Economic Cooperation (ITEC), Scheme of Govt. of India.

For ITEC fellowships, applications should be sent through the Indian Embassy/Legation in that country for onward transmission to IIT Roorkee. For details of ITEC fellowships, the candidate should visit the webpages of the respective schemes (www.itecgoi.in). Applicants have to follow the online application process of the respective schemes.

(ii) WMO Fellowships:

A few fellowships may be offered by World Meteorological Organization (WMO), Geneva. The candidates are advised to check the availability of such fellowships from WMO and then apply to the course directly with IIT Roorkee. Once they have received an unconditional academic admission, the candidates should fill the WMO Fellowship Form available at <https://www.wmo.int/>.

The candidate should submit the Fellowship Form through the Permanent Representative of his/her country with WMO (<https://public.wmo.int/en/about-us/members/permanent-representatives>), to WMO Fellowship Division, Education and Training Department, World Meteorological Organization, 7 bis, Avenue de la Paix, Case Postale 2300, CH-1211, Geneva 2, Switzerland (Tel: 004122-7308292, FAX: 004122-7308041, email: fei@wmo.int).

(B) International Candidates with other Sponsorship/ Fellowship

Eligible candidates officially nominated through various government agencies (not covered under the Fellowship section) can also be admitted provided the sponsors give an undertaking that all the expenses including the teaching fees will be borne by the sponsors for which the payment to IIT Roorkee will be remitted in advance. Such applications should come through the Indian Embassy/Legation of that country to Head, Department of Hydrology, IIT Roorkee-247667, Uttarakhand, India. IIT Roorkee will communicate the amount of advance payment to be made to this effect.

(C) GATE Qualified International Candidates

GATE qualified non-sponsored foreign nationals may apply through their Embassy in India or Indian Embassy/Legation in their country.

(D) Indian Sponsored Candidates

Candidates working in Union and State Government Departments, Semi Government/PSU Organizations are eligible to apply under this category. No fellowship or financial assistance of any sort will be provided to them by IIT Roorkee. However, these candidates may be considered for assistantship in accordance with ordinances/regulations of IIT Roorkee.

8. FEE/ESTIMATED ANNUAL EXPENSES

(A) International Candidates

International candidates sponsored by various agencies/organisations have to pay the Institute fee at the following rates:

- (i) Candidates from SAARC countries – US\$ 2000 (per annum)
- (ii) Candidates from other countries – US\$ 4000 (per annum)
- (iii) Admission fee - US\$ 500 (one time at the time of admission)

[B] Indian Sponsored Candidates/(ITEC) Sponsored International Candidates

Approximate annual expenses under different heads are indicated in the Table on next page. Institute fee, Institute caution deposit, Library deposit and one time payment mentioned in part 'A' of the Table be remitted through Bank Draft drawn in favour of the Registrar IT Roorkee, payable at Roorkee and be enclosed along with the Deputation Order/ Financial Sanction. It may be noted that the other expenses mentioned in part 'B' of the Table will be borne by the students. The sponsoring agency may sanction/reimburse hostel fee and other expenses directly to the candidates.

Expenditure	P.G. Diploma (1 Year) (In Rs.)	M.Tech. Programme (2 Years) (In Rs.)
[A], (i) Institute Fee	62,500	1,25,000
(ii) Institute caution deposit (refundable)	1,000	1,000
(iii) Library deposit*	2,000	2,000
(iv) Miscellaneous one time payments	5,000	5,000
(v) Mess admission fee (one time)	4,000	4,000
(vi) Others	10,000	10,000
[B], Hostel fee	As per actual	As per actual

*To be transferred in Alumnus fund on the completion of programme.

Note: (i) The fee structure is provisional and may be modified by the Institute as and when necessary, without intimation.

(ii) Other expenses like field Trip, Books, Lecture notes etc. shall be as per actuals.

(iii) Fee may be transferred electronically. Candidate may contact the Department for the same.

9. APPLICATION SUBMISSION

Eligible candidates are advised to apply as per procedure detailed below:

9.1 International Candidates

International Candidates working in Government / Semi Government / International Agencies are eligible to apply.

International Candidates may apply through proper channel through following fellowships:

(i) Government of India (GoI) Fellowships:

The Government of India grants fellowships to foreign nationals under the following schemes:

a. Indian Technical Economic Cooperation (ITEC)

For ITEC fellowships, applications should be sent through the Indian Embassy/Legation in that country for onward transmission to IIT Roorkee. For details of Gol fellowships, the candidate should visit the webpages of the respective schemes. For online application, the candidate may visit at: www.itecgoi.in. The application portal opens anytime during May / June every year.

(ii) WMO Fellowships:

A few fellowships may be offered by World Meteorological Organization (WMO), Geneva. The candidates are advised to check the availability of such fellowships from WMO and then apply to the course directly with IIT Roorkee using the copy of the application form given in Annexure-2 of this brochure.

Completed applications should be forwarded to Head, Department of Hydrology, IIT Roorkee-247667, Uttarakhand, India [hydrology.iitr@gmail.com]. Once they have received an unconditional academic admission, the candidates should fill the WMO Fellowship Form available at <https://www.wmo.int/>.

The candidate should submit the Fellowship Form through the Permanent Representative of his/her country with WMO (<https://public.wmo.int/en/about-us/members/permanent-representatives>), to WMO Fellowship Division, Education and Training Department, World Meteorological Organization, 7 bis, Avenue de la Paix, Case Postale 2300, CH-1211, Geneva 2, Switzerland (Tel: 004122-7308292, FAX: 004122-7308041, email: fel@wmo.int).

9.2 International Candidates with other Sponsorship/ Fellowship

Eligible candidates officially nominated through various government agencies (not covered under the Fellowship section) can also be admitted provided the sponsors give an undertaking that all the expenses including the teaching fees will be borne by the sponsors for which the payment to IIT Roorkee will be remitted in advance. Such applications should come through the Indian Embassy/Legation of that country to Head, Department of Hydrology, IIT Roorkee-247667, Uttarakhand, India. IIT Roorkee will communicate the amount of advance payment to be made to this effect.

9.3 GATE Qualified International Candidates

GATE qualified non-sponsored foreign nationals may apply through their Embassy in India or Indian Embassy/Legation in their country.

9.4 GATE Qualified Indian Candidates

The GATE qualified candidates should apply as advertised by the PG Admission Office, IIT Roorkee. Candidates should apply only after declaration of the GATE results of the current year.

9.5 Indian Sponsored Candidates (Only from Government Departments)

The Indian Sponsored Candidates from Govt. Departments should apply through their employer. The application form may be downloaded from www.iitr.ac.in/departments/HY or using the copy of the application form given in Annexure-2 of this brochure.

Completed applications should be forwarded to Head, Department of Hydrology, IIT Roorkee-247667, Uttarakhand, India and should reach the department on or before June 20, 2022.

Following enclosures should be attached with the application form:

- (i) Two recent passport size photographs with name written at the back of the photographs.
- (ii) A Certificate of Health indicating applicant's general fitness to be issued by a physician of the Federal/ Govt./ Official Health Services.
- (iii) Copies of academic transcripts giving the proof of aggregate percentage of marks/CGPA obtained. Attach attested copies in English language (translated version, if the original language is different). For M.Sc. degree holders, a certificate/mark sheet must be attached indicating the subjects offered in the B.Sc. course.
- (iv) SC/ST/OBC Certificate (to know more about authorities who may issue SC/ST/OBC Certificate as recognised by IIT Roorkee, visit our website) [applicable to Indian candidates only].

10. INSTRUCTIONS

- (i) Due to limited family accommodation, candidates are advised not to bring their families at the beginning of the course. Family accommodation may be provided as and when available as per rules.
- (ii) Selected candidates should bring with them 12 photographs, original academic transcripts, authenticated English version of transcripts, hydrological report/data, maps, charts etc. to work on seminar/ M.Tech. thesis.
- (iii) Each international student is required to register at the District Headquarter (Haridwar) within 15 days of his/her arrival in India.

11. INTERPRETATION OF IIT REGULATIONS

- (i) Dispute if any, arising out of or relating to any matters whatsoever concerning the admission and/or academic programme of P.G. Diploma/M.Tech in Hydrology, shall be subject to the exclusive jurisdiction of courts at Roorkee/ Uttarakhand State.
- (ii) In case of any dispute or difference of opinion in interpretation of IIT regulations or any other matter not covered in this brochure, the decision of the Chairman, Senate shall be final and binding.
- (iii) Not with standing anything contained in the regulations, the Chairman of the Senate may, in emergent situation, take such action on behalf of the Senate, as he deems appropriate and report it to the next meeting of the Senate for its approval.

12. OTHER ACADEMIC ACTIVITIES AND INFORMATION

The Department of Hydrology organises National/International Symposia/Conferences and tailor-made short-term courses. In the last five years, the Department has conducted more than 55 short-term programmes including International programmes. The Department also provides consulting services in the area of hydrology and water resources and has executed more than 60 such projects. Most of these were especially designed to cater to the needs of stakeholder organizations.

Department has following state-of-the-art laboratories:

- | | |
|---|--|
| (i) Hydrometeorological Observatory | (ii) Computer Laboratory |
| (iii) Hydrological Information Systems Laboratory | (iv) Environmental Hydrology Laboratory |
| (v) Groundwater Laboratory | (vi) Geophysical Investigations Laboratory |
| (vii) Watershed Hydrology Laboratory | |

The departmental library has a collection of over 7000 books, publications, and reports etc. on different facets of hydrology.

13. ABOUT ROORKEE CITY

Roorkee, a quiet city of moderate size in the district of Haridwar (Uttarakhand), is located on the banks of the Upper Ganga Canal, which originates at Haridwar. The city is located at Latitude 29° 52' N and Longitude 77° 53' E above 268 m mean sea level. It is about 30 km south of the Shivalik range of the mighty Himalayas, about 170 km to the north of Delhi and is situated on Amritsar-Howrah main railway line. Roorkee is linked by rail to many important mega cities such as Delhi, Kolkata, Chennai and Mumbai. Roorkee is also well connected by road, being located on the Delhi-Haridwar National Highway (NH 58), and on the Roorkee – Panchkula National Highway (NH 73).

The temperature ranges from 3° C to 20° C in winters (October to March) and from 25° C to 40° C in summers (April to September). The average annual rainfall is 1100 mm and bulk of it occurs from mid June to September.

Apart from the Institute, which is situated in a 150 hectare campus, Roorkee town is an important centre of engineering activities. It has Central Building Research Institute, National Institute of Hydrology, Irrigation Research Institute, Irrigation Design Organization, Headquarters of Bengal Engineering Group & Centre along with an important army base.

14. NEAREST BUS STATION/RAILWAY STATION/AIRPORTS

The Institute is located only 200 m away from Roorkee Bus Station and 2.5 km from Roorkee Railway Station. The nearest International airport is Indira Gandhi International Airport, New Delhi (approx. 200 km) and domestic airport is Jolly Grant Airport, Dehradun (approx. 60 km).

CAMPUS LIFE

Life at an IIT is always great, but at IIT Roorkee, it's a special blend of modern life and traditional values. What really pumps through the veins of its lifestyle is enthusiasm. It is the enthusiasm that brings every single student to venture new grounds and talents, and the campus does not fall short in providing a platform anywhere. Be it high-tech hostels, sports, arts, coding or even cultural, technical, entrepreneurship events, an exciting level of exposure is received by every student. This driving zeal to be so much more than just having an academic feather in the hat is what saturates the air.

For more details on student hostels, clubs, sports, Group and other facilities visit at https://www.iitr.ac.in/campus_life/pages/index.html

EVENTS AT IIT ROORKEE

Thomso and cognizance is the youth festival of Indian Institute of Technology Roorkee recognized as one of the greatest and the grandest youth festivals of India, encompasses in itself lavish history, splendid culture and a profoundly rich heritage of IIT Roorkee. In addition, IIT Roorkee actively celebrate Yoga day, National Social summit and various forms of student-oriented program. IIT Roorkee has active Himalayan Exploration club-the student's organization of IIT Roorkee pioneering in trekking, mountaineering and adventure sports.

For more details <https://www.iitr.ac.in/dosw/pages/gallery.html>; <https://www.iitr.ac.in/hec/>

INTERNATIONAL RELATIONS OFFICE

From the inception of this Institute in 1847, its international character is quite strong. The Institute is committed to international cooperation and has been actively involved in partnering with countries to develop initiatives in the fields of engineering, applied sciences, social science, and management education. To facilitate, assist and help inbound international students and outbound national students in all their academic pursuits, the International Relations Office plays an important role.

For further information, we request you to visit <https://ir.iitr.ac.in/>

PARTICIPATION IN INTERNATIONAL POST GRADUATE HYDROLOGY PROGRAMME
ANNEXURE - I
(B) COUNTRYWISE PARTICIPATION DURING 1972-2022

S. No.	Country	Trainees
1.	Afghanistan	18
2.	Bangladesh	32
3.	Bhutan	4
4.	China	4
5.	O.P.R. Yemen	4
6.	D.R. Congo	4
7.	Egypt	3
8.	Ethiopia	3
9.	Ethiopia	23
10.	Fiji	1
11.	Ghana	3
12.	Guyana	1
13.	India	671
14.	Indonesia	32
15.	Iran	14
16.	Iraq	10
17.	Jordan	1
18.	Kazakhstan	3
19.	Malaysia	2
20.	Mauritius	1
21.	Malawi	1
22.	Mongolia	7

S. No.	Country	Trainees
23.	Morocco	1
24.	Myanmar	14
25.	Nepal	57
26.	Nigeria	6
27.	Pakistan	1
28.	Palestine	1
29.	Panama	1
30.	Paraguay	1
31.	P.D.R. Laos	9
32.	Philippines	16
33.	Rwanda	1
34.	Sierra Leon	2
35.	Somalia	1
36.	Sri Lanka	14
37.	Sudan	25
38.	Syria	6
39.	Tanzania	20
40.	Thailand	4
41.	Uganda	2
42.	Uzbekistan	1
43.	Vietnam	18
	TOTAL	1042

(B) INDIAN PARTICIPATION

S. No.	Indian State / Organization	Trainees
1.	Assam	53
2.	Andhra Pradesh	15
3.	Arunachal Pradesh	6
4.	Bihar	23
5.	CSWCRI	2
6.	Central Water Commission	25
7.	Central Ground Water Board	12
8.	CWPRS	11
9.	Darnodar Valley Corporation	6
10.	GATE Qualified	210
11.	Goa	4
12.	Gujarat	20
13.	Haryana	6
14.	Himachal Pradesh	4
15.	Jammu & Kashmir	11
16.	Karnataka	24
17.	Kerala	6
18.	Madhya Pradesh	28
19.	Madheshwari	20

S. No.	Indian State / Organization	Trainees
20.	Manipur	1
21.	Meghalaya	1
22.	Ministry of Agriculture	1
23.	Mizoram	1
24.	Municipal Corporation of Delhi /CWC New Delhi	4
25.	N.L.H., Bhorsete	2
26.	NWDA	9
27.	Orissa	3
28.	Punjab	79
29.	QIP	2
30.	Rajasthan	1
31.	Tamil Nadu	2
32.	THDC	2
33.	Tripura	3
34.	Uttar Pradesh	2
35.	Uttarakhand	38
36.	West Bengal	2
	TOTAL	671

APPLICATION FORM

INTERNATIONAL POST GRADUATE DIPLOMA AND MASTER'S COURSE IN HYDROLOGY

Department of Hydrology, Indian Institute of Technology Roorkee

<https://hy.iitr.ac.in>5¹ Course: July, 2022 to July, 2023 (P.G. Diploma); July, 2022 to July, 2024 (M.Tech.)

AND advance copy of the completed application along with academic transcripts (in English) be directly sent to the Professor & Head, Department of Hydrology, Indian Institute of Technology Roorkee, Roorkee - 247 667, India (email ID: hydrology.iitr@gmail.com and hydrology@iitr.ac.in) on or before June 20, 2022.

1. Full Name:
In block letters (underline surname)

2. Father's Name:

3. Mother's Name:

4. Gender (Male/Female):

5. Nationality:
(any change in nationality may be indicated with period)

6. Date and Place of birth:

7. Percentage (your country of origin):

8. Passport details (for foreign candidates only)
Passport number: Place of Issue: Date of Issue: Date Validity:

9. Present address (correspondence address):
House No. /Flat No: Street:
City/Town: Pin code:
State: Country:
Mobile No: Email:

10. Permanent/emergency address:
House No. /Flat No: Street:
City/Town: Pin code:
State: Country:
Mobile No: Email:

Photograph

11. Official Address:

Building No:	<input type="text"/>	Street:	<input type="text"/>
City/Town:	<input type="text"/>	Pin code:	<input type="text"/>
State:	<input type="text"/>	Country:	<input type="text"/>
Mobile No:	<input type="text"/>	Email:	<input type="text"/>

12. Dates and place of previous stay in India (for International Applicants only):

.....

13. Occupation :

.....

14. Expected duration of stay:

.....

15. Places to be visited:

.....

16. Name of Indian Mission where visa will be applied (for International Applicants only)

17. Name of Country:

17. Phone No.:

17. Source of funding:

18. Whether accompanied by spouse/ dependent. If so give particulars:

Name:

Passport number:

Date of issue:

Place of Issue:

Qualifying Degree :

Date Validity:

19. Maths at Graduation Level (Yes/No) :

.....

20. Qualifications (starting from the highest degree): (Attach photocopies of mark sheets & certificates)

College/Institute Name & address	Degree or Examination passed	Year of Passing	Division with % of marks secured	Main Subject(s)
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21.

.....

22. Professional/ work experience (Starting from the recent one):

Name of Department/ Organization	Position held	Period		Details of work done
		From	To	

23. Preference of specialization desired:
 (Surface water/groundwater/ Watershed management)

24. Knowledge of English language (read/write/speak):
 (Certificate for level of proficiency attained be submitted)

25. Appeared in GRE or equivalent examination (if yes, give details):

place:

Date:

Signature of Applicant

SPONSORED/NO OBJECTION CERTIFICATE

The undersigned is pleased to permit Mr./Ms. who is working in this organization for the last years (from to) and is presently holding the rank/position of for pursuing the PG Diploma/ M.Tech. at the Department of Hydrology, IIT Roorkee with specialization in the following areas:

1.
2.
3.

His/her conduct and character has been good.

The Institution/Organization would relieve her/him immediately for joining the above course, if selected for admission. If admitted the candidate will be permitted to be present at the Institute as required by the academic schedule for a period of one year/two years and will continue to remain in service of this organization for the duration of the course.

Signature of Head of the
Institute/Organization with seal

Place:

Date:

Name:
Designation: