

INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

CALENDAR OF TRAINING COURSES (2018-19)

[Last updated on December 06, 2017]

S. No.	Course Code	Course Name	Entrance Requirements	
POST-GRADUATE DIPLOMA IN REMOTE SENSING AND GIS WITH SPECIALIZATION IN FOLLOWING DISCIPLINES				
		Specialization	Intermediate/ Pre-University	Essential Qualifications
1.	D-AS	Agriculture and Soils	Science	M.Sc. in Agricultural Sciences (Soil Sci./Agromet./Entomology/Pathology/Agron./Plant Physiol./Hort./Soil Cons./Watershed Mgmt./ Env. Sc.** (OR) B.E./B.Tech.(Agril. Engg./Agri. Informatics) (OR) 4 years B.Sc. Agriculture (OR) Masters in Geography*
2.	D-FE	Forest Resources & Ecosystem Analysis	Science	M.Sc.(Forestry/Ecology/Botany/Wildlife Sci./Biosci./Zoology/Env. Sci.*/Env. Mgmt.**/ Natural Resources Management/ Life Sci./ Plant Science) with Biology subjects at Graduation level (OR) 4 years B.Sc. (Forestry/ Biotech./Forest-Biotech./Bioinformatics) (OR) B.E./B.Tech.(Biotech./Forest. Biotech/Bioinformatics/ Environmental Engg.***) (OR) Masters in Geography*
3.	D-GG	Geosciences	Science	M.Sc./ M.Sc.(Tech.)/ M.Tech. (Geol./Appl. Geol./Geophy./Earth Sci./Geoexplor./Petrol. Engg./Geo-Engg./ Mining Engg./Geography*) (OR) B.Tech./B.E. (Civil Engg./Geosci./Petrol. Engg./Mining Engg./Mineral Processing)
4.	D-MS	Marine & Atmospheric Sciences	Science with Maths	M.Sc. (Marine Sci./Earth Sci./Phy./Oceanog./Meteor./Atm. Sci./Env. Sci.*/Maths) (OR) Masters in Geography with B.Sc. in Phy./Chem./Math/Geology/Env. Sci.* /Marine Biology/Geography*
5.	D-UR	Urban & Regional Studies	Science	Master (Plan./Arch./Civil/Comp. Engg. or eq./Geoinformatics or eq./Env. Sc.*) (OR) B.Plan./ B.Arch. (OR) B.E./ B.Tech.(Civil/Comp. Engg. or equivalent) (OR) Masters in Geography*
6.	D-WR	Water Resources	Science with Maths	Master (Geol./Env. Sci.*) (OR) B.E./B.Tech.(Civil Engg./Agril. Engg./Water Resources Engg./Structural Engg.)
7.	D-PR	Photogrammetry & Remote Sensing	Science with Maths	M.Sc./M.Tech. (Phy./Appl. Phy./Maths/Chem./Stat./Appl. Maths/Geoinform./Geomatics/Remote Sensing/ Civil Engg. or equivalent) (OR) B.E./B.Tech./B.Sc. Engg. (Civil/Electronics/Electrical/ECE/ Comp. Sci./Comp. Engg./ IT/ Geomatics/Geoinform./Remote Sensing or equivalent) (OR) M.Sc. Geography*
8.	D-NHDRM	Natural Hazards & Disaster Risk Management	Science	Master* (Disaster Mgmt.**/Natural Resource Mgmt.**/ Env. Mgmt.**/Meteorology) (OR) M.Sc. (Phy./ Maths/Chem./Botany/Zool./Geol./Earth Sci./Env. Sci.**/Marine Sci./Atm. Sci./Agri./Forestry) (OR) B.Arch./ B.Plan./M.Plan. (OR) B.E./ B.Tech.(Civil Engg./Env. Engg./Geosci./Geoexplor./Geo-Engg./ Earthquake Engg./ IT/ Comp. Sci.) (OR) B.Sc. (4-year Forestry/ Agri.) (OR) Masters in Geography* (OR) MCA with Science subjects at Graduation level
1. Each specialisation has 6 seats 2. Start date: 13.08.2018 and Completion date: 14.06.2019 3. Last date to Apply: 30.04.2018 4. Course fee: Govt. Sponsored = Nil, Self-financed (Indian) = Rs. 60,000.00, Self-financed (Foreign) = \$ 6,000 (USD)				*with graduation in Science **with graduation in Science or Engineering

S. No.	Course Code	Course Name	Entrance Requirements	
M.TECH. IN RS & GIS WITH SPECIALIZATION IN FOLLOWING DISCIPLINES				
9.	M-RG	Specialization: (i) Agriculture and Soils, (ii) Forest Resources & Ecosystem Analysis, (iii) Geosciences, (iv) Marine & Atmospheric Sciences, (v) Urban & Regional Studies, (vi) Water Resources, (vii) Satellite Image Analysis & Photogrammetry, and (viii) Geoinformatics	<ul style="list-style-type: none"> · For specializations from Sl. No. 1 to 7: corresponding qualifications as mentioned for Post-Graduate Diploma courses are applicable. Candidates should have Science subjects at graduation level. · Entrance Requirement for Geoinformatics Specialization: M.Sc./ M.Tech. (Physics/Apl. Physics/ Electron./Maths/ Appl. Maths/Stat./IT/Comp. Sci./Geo-Engg.) (OR) M.Sc.(Remote Sensing/Geoinform./ Geomatics or its equivalent) (OR) M.Sc. (Geog.)* (OR) MCA* (OR) B.E./ B.Tech./ B.Sc.(Engg.) (with four year deg. course) in Civil/ ECE/ Elect./ Comp. Sci./Comp. Engg./ IT/ Remote Sensing/ Geoinform./ Agri. Inform./ Forest Informatics <p style="text-align: right;"><i>*with graduation in Science</i></p>	
<p>1. <i>M.Tech. course has 40 seats.</i></p> <p>2. Start date: 13.08.2018 and Completion date: 14.08.2020</p> <p>3. Last Date to Apply: 30.04.2018</p> <p>4. Course fee: Govt. Sponsored (Rs. 20,000 only towards registration fee of Andhra Univ., no tuition fee), Self-financed (Indian) = Rs. 1,44,000 + Rs. 20,000 (Andhra Univ. Regn. Fee) Self-financed (Foreign) = USD 14,400 + Rs. 20,000 (Andhra Univ. Regn. Fee)</p> <p>Note (for M.Tech. and PG Diploma Courses):</p> <p>a. Candidates should have secured a minimum of 55% marks in the qualifying examination.</p> <p>b. M.Tech. degree is presently accredited by Andhra University, Visakhapatnam (India).</p> <p>c. Admission for M.Tech. course is based on entrance test (presently held at Bangalore, Kolkata, Dehradun, Jodhpur, Nagpur, Shillong and Thiruvananthapuram), interview and academic record. Govt.-sponsored candidates are exempted from written test and they have to appear only for interview. Other candidates need to appear for Entrance Examination followed by Interview.</p> <p>d. Admission to P.G. Diploma course is based on merit considering the academic record and subject relevance.</p> <p>e. Govt. sponsored candidates are given preference and Admission Committee may consider relaxation in qualification.</p> <p>f. Specialisation, once opted, can't be changed during the course. The age limit for admission to above courses (Sl. No. 1-9) is 45 yrs.</p>				
IIRS-ITC JOINT EDUCATION PROGRAMME (JEP)*				
10.	D-GI*	Post Graduate Diploma* in Geoinformation Science & Earth Observation with specialization in Geoinformatics	Science	M.Sc./ M.Tech. (Phy./ Apl. Phy./ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geology/ Geophysics/ Geo-Engg./ Agriculture/ Forestry/ Env. Sci.), (OR) B.E./ B.Tech./ B.Sc.(Engg.) (with 4 years deg. course) in Civil/ ECE/ Comp. Sci./ Comp. Engg./ IT/ Electrical/ Geoinformatics/ Geomatics/ Agril./ Geosci./ Petrol./ Mining/ Agri. Inform./ Agriculture/ Forest Inform./ Forestry or equivalent (OR) B.Arch./ B.Plan./ M.Arch./ M.Plan. (OR) MCA (having B.Sc. in Science subjects) (OR) Master in Geog. (having B.Sc. in science subjects) (OR) Govt. officials having B.Sc. and Science at 10+2 level
<p>1. Total seats = 10 Nos.</p> <p>2. Start date: 17.09.2018 and Completion date: 19.07.2019.</p> <p>3. Last Date to Apply: 30.04.2018</p> <p>4. Course fee: Shall be announced soon*</p> <p><i>*Subject to continuity of JEP with ITC/University of Twente, The Netherlands. Course fee, start and completion dates, eligibility criteria, etc. shall be announced/ finalised shortly.</i></p> <p>Note: a. Post-Graduate Diploma in Geoinformatics (D-GI) is awarded jointly by IIRS and ITC/University of Twente.</p> <p>b. Admission for PG Diploma Course is based on merit considering the academic record and experience. Government-sponsored candidates are given preference.</p>				

S. No.	Course Code	Course Name	Entrance Requirements
11.	M-GI*	M.Sc.* in Geo-information Science & Earth Observation with specialization in Geoinformatics	As mentioned under Sl. No. 10.
<p>1. Total seats = 10 Nos. 2. Start date: 17.09.2018 & Completion date: 18.09.2020 3. Last date to Apply: 30.04.2018</p> <p>4. Course fee: Shall be announced soon*</p> <p><i>*Subject to continuity of JEP with ITC/University of Twente, The Netherlands. Course fee, start and completion dates, eligibility criteria, etc. shall be announced/ finalised shortly.</i></p> <p>Note: (i) For M.Sc. course, candidate should have secured a minimum of 60% marks in the qualifying examination. (ii) M.Sc. degree is awarded by the University of Twente, The Netherlands under Joint IIRS-ITC Education Program. (iii) The admission for M.Sc. Course is based on entrance test (presently held at Bangalore, Kolkata, Dehradun, Jodhpur, Nagpur, Shillong and Thiruvananthapuram), interview and academic record; government-sponsored candidates are exempted from appearing in the entrance test.</p>			
COURSE FOR DECISION MAKERS			
12.	O-DM	Remote Sensing- An Overview for Decision Makers	Decision makers in organizations (with 5 yrs. experience in service)
<p>1. Total seats = 15 Nos. 4. Course Fee for Individual Candidate - Govt. Sponsored = Rs. 10,000 (includes boarding + lodging charges)</p> <p>2. Start date: 12.06.2018 & Completion date: 15.06.2018 - Self-financed (Indian) = 10,000 (includes boarding + lodging charges)</p> <p>3. Last date to Apply: 11.05.2018</p>			
INTERNATIONAL PROGRAMMES (Only for Foreign Nationals from ITEC Partner Countries)			
13.	S-RS	Short Course on Remote Sensing with special emphasis on Digital Image Proc. (ITEC-Sponsored)	PG Deg./ Grad. Deg./ Diploma in Phy./Chem./Maths/Botany/Forestry/Zool./Wildlife Sci./Env. Sci./Life Sci./Agri. Sci./ Meteorology (Agro/ Hydro)/ Geog. (with B.Sc. at Grad. level) or any other Sci. / any discipline of Engg. with sufficient knowledge of Maths/ Stat. at high school level/ middle level resource managers and professionals from Govt./NGOs/ Universities with 2-years work experience.
<p>1. Total seats = 20 2. Start date: 07.01.2019 & Completion date: 01.03.2019</p>			
14.	S-GI	Short Course on Geoinformatics (ITEC-Sponsored)	PG Deg./ Grad. Deg./ Diploma in Phy./Chem./Maths/Botany/Forestry/Zool/ Wildlife Sci./Env. Sci./Life Sci./Agri. Sci./ Meteorology (Agro/ Hydro), Geog. (with B.Sc. at Grad. level) or any other Sci./ any discipline of Engg. with sufficient knowledge of Maths/ Stat. at high school level/ middle level resource managers and professionals from Govt./NGOs/ Universities with 2-years experience.
<p>1. Total seats = 20 2. Start date: 17.09.2018 & Completion date: 09.11.2018</p>			
NOTE: Candidates should Apply through Ministry of External Affairs, Govt. of India (www.itecgoi.in)			
CERTIFICATE COURSE			
15.	C-RS	Short Course on Remote Sensing and Image Interpretation	Graduate in any discipline
<p>* 1. Total seats = 15 Nos 2. Start date: 07.01.2019, Completion date: 01.03.2019, 3. Last date to Apply: 14.12.2018</p> <p>4. Course Fee - Govt. Sponsored/Self-financed (Indian) = Rs. 20,000 (12,000- Fee + 8,000 - Regn.) Note: Govt. sponsored candidates will be given preference</p>			

S. No.	Course Code	Course Name	Entrance Requirements
NNRMS-ISRO SPONSORED CERTIFICATE COURSES FOR FACULTY/ SCIENTIST*/ENGINEER*			
16.	N-GI	GIS Technology and Advances	P.G. Deg. in Sci./Engg./Geog /MCA
17.	N-WR	RS & GIS in Water Resources	P.G. Deg. in Civil/Agril. Engg.
18.	N-FE	RS & GIS in Forestry/ Ecology / Wildlife/ Env. Sciences	P.G. Deg.in Bot./Ecol./For./Env. Sci./Zool./Wildlife Sci./LifeSci./Biosci.
19.	N-UR	RS & GIS in Urban & Regional Studies	P.G. Deg. in Plann./Civil Engg./Arch./Geog./Geoinformatics or equivalent
20.	N-CM	RS & GIS in Cartography and Mapping	P.G. Deg. in Sci./ Engg./ Geog.
21.	N-GG	RS & GIS in Geosciences	P.G. Deg. in Geol./Appl. Geol./Geophy./Geog.
22.	N-GA	RS & GIS in Soils & Land Use Planning	P.G. Deg. in Agri./Geog./Env. Sci./Agric. Engg./Soil Cons.
23.	N-CO	RS & GIS in Coastal & Ocean Sciences	P.G. Deg.in Marine Sci./Geol./Oceanog./Appl. Geol./Env. Sci.
1. Each discipline has 8 seats 2. Start date: 01.05.2018 & Completion date: 22.06.2018 3. Last Date to Apply: 16.03.2018 4. Course fee for individual candidate - Govt. Sponsored = Nil, - Self-financed (Indian) = Rs. 12,000 5. Upper age limit 50 years 6. Age may be relaxed for government sponsored candidates * Preference will be given to University/ College Faculty; admissions to Scientists/ Engineers is subject to the availability of seats.			

Important information:

- If the date of course commencement falls on a holiday, course will start from next working day.
- The medium of instructions is English.
- Sponsoring organizations are required to meet all expenses viz., traveling allowance, daily allowance, contingent expenses, medical expenses, etc. for their candidates. However, courses at Sl. Nos. 12, 13, 14 & 15 are paid courses for all including Govt. organizations. In case of NNRMS course, sponsored candidates are paid TA/DA as per ISRO/DOS rules.
- Govt. organizations (Central/State Government Ministries/ Departments or Autonomous Institutions and State and Central Govt.-funded Universities) can nominate only permanent employee.
- Course fee and other expenditure are likely to change as per IIRS and collaborating University's/ Institute's policy.
- Security deposit: Self-financed candidates have to pay security deposit one month prior to the commencement of the course @Rs. 4,000/-in respect of Certificate Courses, @ Rs.6,000/- in respect of P.G. Diploma Courses, and @ Rs. 10,000/- in respect of M.Sc./M.Tech. courses failing which seats would be offered to the wait-listed candidates. The security deposit will be adjusted in the course fee.
- Boarding and lodging charges at IIRS Hostel are Rs. 4,500 p.m. (approx.). Local candidates will be considered for hostel accommodation, only if available.
- Increase and decrease in number of seats and age/qualification relaxation for government sponsored candidates will be at the discretion of the institute. In the event of number of applications being large, institute may adopt short listing criteria based on merit i.e. academic record, relevant experience, etc. Candidates nominated by the Government organisations will be given preference.

To apply online, please visit <http://admissions.iirs.gov.in>. For further details, please contact: Dean (Academics) or Group Head, Program Planning & Evaluation Group, Indian Institute of Remote Sensing, ISRO, 4 Kalidas Road, Dehradun-248001, Uttarakhand, India. Tel: +91-135-2524105, 2524106, 2524107, Fax: +91-135-2741987, 2748041; E-mail: admissions@iirs.gov.in. Kindly visit- www.iirs.gov.in for other details.