

**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**  
**CALENDAR OF TRAINING COURSES (2017)**

[Last updated on 12 January 2017 (Revised)]

S. No.	Course Code	Course Name	Entrance Requirements	
<b>POST-GRADUATE DIPLOMA IN REMOTE SENSING AND GIS WITH SPECIALIZATION IN FOLLOWING DISCIPLINES</b>				
		Specialization	Intermediate/ Pre-University	Essential Qualifications
1.	<b>D-AS</b>	Agriculture and Soils	Science	M.Sc. in Agriculture (Soil Sci./ Agromet./ Agron./ Plant Physiol./ Hort./ Soil Cons./ Watershed Mgmt.)/ Env. Sc.* <b>OR</b> 4 Years B.Sc. (Agri./ Hort.) <b>OR</b> B.E./ B.Tech.(Agril. Engg./ Agri. Informatics) <b>OR</b> M.A./M.Sc. in Geography*
2.	<b>D-FE</b>	Forest Resources & Ecosystem Analysis	Science	4 years B.Sc. Forestry/ Biotech./ Forest-Biotech./ Bioinformatics <b>OR</b> B.E./ B.Tech. (Biotech./ Forest. Biotech./ Bioinformatics/ Genetic Engineering) <b>OR</b> M.Sc.(Forestry/ Ecology/ Botany/ Wildlife Sci./ Biosci./ Zoology/ Env. Sci.*/ Life Sci./ Plant Science) with Biology subjects at Graduation <b>OR</b> M.A./M.Sc. in Geography*
3.	<b>D-GG</b>	Geosciences	Science	B.Tech./ B.E. in Civil Engg./ Geosci./ Petrol. Engg./ Mining Engg./ Mineral Processing <b>OR</b> M.Sc./ M.Sc.(Tech.)/ M.Tech. in Geol./ Appl. Geol./ Geophy./ Earth Sci./ Geoexplor./ Petrol. Engg./ Geo-Engg./ Mining Engg./ Geography
4.	<b>D-MS</b>	Marine & Atmospheric Sciences	Science with Maths	M.Sc. in Marine Sci./ Earth Sci./ Phy./ Oceanog./ Meteor./ Atm. Sci./ Env. Sci.*/ Maths <b>OR</b> Master in Geography with B.Sc. in Phy., Chem., Math, Geology, Env. Sci. / Marine Biology
5.	<b>D-UR</b>	Urban & Regional Studies	Science	B. Plan./ B.Arch <b>OR</b> B.E./ B.Tech. (Civil/ Comp. Engg./ I.T.) <b>OR</b> Master (Plan./ Arch./ Civil/ Comp. Engg. / IT/ Geo-inform. or equivalent / Env.Sc.*) <b>OR</b> M.A./M.Sc. in Geography*
6.	<b>D-WR</b>	Water Resources	Science with Maths	B.E./ B.Tech. (Civil Engg./ Agril. Engg./ Water Resources Engg./ Structural Engg.) <b>OR</b> Master (Geol./ Env. Sci.*)
7.	<b>D-PR</b>	Photogrammetry & Remote Sensing	Science with Maths	B.E./ B.Tech./ B.Sc. Engg. (Civil / Electronics/ Electrical/ E.C.E./ Comp. Sci./ Comp. Engg./ IT/ Geomatics/ Geoinform./ Remote Sensing) <b>OR</b> M.Sc./ M.Tech. (Phy./ Appl. Phy./ Maths/ Chem./Stat./ Appl. Maths/ Geoinform./ Geomatics/ Remote Sensing or equivalent)/ Geography with Science Subjects at Graduation level
8.	<b>D-NHDRM</b>	Natural Hazards & Disaster Risk Management	Science	B. Arch./ B. Plan./ M. Plan. <b>OR</b> M.A./M.Sc. in Geography* <b>OR</b> B.E./ B.Tech. (Civil/ Agril./ Env./ Geosci./ Geoexplor./ Geo-Engg./ Earthquake Engg./ I.T./ Comp. Sci.) <b>OR</b> B.Sc. (4-year Forestry/ Agri.) <b>OR</b> Master (Disaster Mgmt.)/ MCA with Science Subjects at Graduation level <b>OR</b> M.Sc. (Phy./ Maths/ Chem./ Botany/ Zool./ Geol./ Earth Sci./ Env. Sci.*/ Marine Sci./ Atm. Sci./ Agri./ Forestry)
<p>1. Each specialisation has 6 seats</p> <p>2. <b>Start date:</b> 14.08.2017 and <b>Completion date:</b> 15.06.2018</p> <p>3. <b>Last date to Apply:</b> 30.04.2017</p> <p>4. <b>Course fee: Govt. Sponsored = Nil, Self-financed (Indian) = Rs. 60,000.00, Self-financed (Foreign) = \$ 6,000 USD</b></p>				*with graduation in Science however M.Sc. will be preferred
<b>M.TECH. IN RS &amp; GIS WITH SPECIALIZATION IN FOLLOWING DISCIPLINES</b>				
9.	<b>M-RG</b>	<b>Specialization:</b> (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		<p><b>For specializations from Sl. No. 1 to 7:</b> corresponding qualifications as mentioned for Post-Graduate Diploma courses are applicable. Candidate with M.Sc.(Geog.) and graduation in Science subjects is eligible.</p> <p><b>Entrance Requirement for Geoinformatics Specialization:</b> M.Sc./ M.Tech. (Physics/ Appl. Physics/ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geo-Engg.) <b>OR</b> M.Sc.(Remote Sensing/ Geoinform./ Geomatics or its equivalent), <b>OR</b> M.Sc. (Geog.) with graduation in Science <b>OR</b> B.E./ B.Tech./ B.Sc.(Engg.) (with four year deg. course) in Civil/ Electron. &amp; Comm./ Elect./ Comp. Sci./ Comp./ IT/ Remote Sensing/ Geoinform./ Agri. Inform./ Forest Inform</p>
1. M.Tech. course has 30 seats.				

S. No.	Course Code	Course Name	Entrance Requirements
<p>2. <b>Start date:</b> 14.08.2017 and <b>Completion date:</b> 16.08.2019,</p> <p>3. <b>Last Date to Apply:</b> 30.04.2017</p> <p>4. <b>Course fee:</b> <b>Govt. Sponsored</b> = Rs. 20,000 (Andhra Univ. Regn. Fee), <b>Self-financed (Indian)</b> = Rs. 1,44,000 + Rs. 20,000 (Andhra Univ. Regn. Fee)  <b>Self-financed (Foreign)</b> = 14, 400 USD + Rs. 20,000 (Andhra Univ. Regn. Fee)</p> <p><b>Note</b> (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 accredited by Andhra University, Visakhapatnam.</p> <p>c. Diploma holders with engineering degree in relevant discipline will be allowed for both PG Diploma and M.Tech. programme</p> <p>d. Admission for M.Tech. course is based on entrance test (held at Bangalore, Dehradun, Jodhpur, Kolkata, 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>e. Admission to P.G. Diploma course is based on merit considering the academic record and subject relevance. Govt. sponsored candidates are given preference.</p> <p>f. Discipline, once opted, can't be changed during the course. The age limit for admission to above courses (Sl. No. 1-8) is 45 yrs.</p>			
<b>IIRS-ITC JOINT EDUCATION PROGRAMME</b>			
10.	<b>D-GI</b>	Post-Graduate Diploma in Geoinformation Science & Earth Observation with specialization in Geoinformatics	Science M.Sc./ M.Tech. (Phy./ Appl. Phy./ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geology/ Geophysics/ Geo-Engg./ Agriculture/ Forestry/ Env. Sci.), <b>OR</b> Master in Geog. (having B.Sc. in science subjects) <b>OR</b> B.E./ B.Tech./ B.Sc.(Engg.) (with 4 years deg. course) in Civil/ Electron. & Comm./ Comp. Sci./ Comp./ IT/ Electrical/ Geoinformatics/ Geomatics/ Agril./ Geosci./ Petrol./ Mining/ Agri. Inform./ Agriculture/ Forest Inform./ Forestry or equivalent <b>OR</b> B.Arch./ B.Plan./ M.Arch./ M.Plan. <b>OR</b> MCA (having B.Sc. in Science subjects) <b>OR</b> Govt. officials having B.Sc. and Science at 10+2 level only for P.G. Diploma
<p>1. <b>Total seats</b> = 10 Nos.</p> <p>2. <b>Start date:</b> 18.09.2017 and <b>Completion date:</b> 20.07.2018</p> <p>3. <b>Last Date to Apply:</b> 30.04.2017</p> <p>4. <b>Course Fee:</b> <b>Govt. Sponsored</b> = EURO 450, <b>Self-financed (Indian)</b> = Rs. 65,000 + Euro 450 (ITC Fee), <b>Self-financed (Foreign)</b> = Euro 3000 + Euro 450 (ITC-fee)</p> <p>Note:</p> <p>(i) Post-Graduate Diploma in Geoinformatics (D-GI) is awarded jointly by IIRS and ITC/University of Twente.</p> <p>(ii) Admission for PG Diploma Course is based on merit considering the academic record and experience. Government-sponsored candidates are given preference.</p>			
11.	<b>M-GI</b>	M.Sc. in Geoinformation Science & Earth Observation with specialization in Geoinformatics	Entrance requirements as mentioned under Sl. No. 10.
<p>1. <b>Total seats</b> = 10 Nos.</p> <p>2. <b>Start date:</b> 18.09.2017 &amp; <b>Completion date:</b> 22.03.2019</p> <p>3. <b>Last date to Apply:</b> 30.04.2017</p> <p>4. <b>Course Fee for Individual Candidate</b> - <b>Govt. Sponsored</b> = Nil Fee to IIRS + ITC Fee<sup>#</sup> + Others<sup>%</sup>  - <b>Self-financed (Indian)</b> = Rs. 1,20, 000 + ITC Fee<sup>#</sup> + Others<sup>%</sup>  - <b>Self-financed (Foreign)</b> = Euro 5000 (payable to IIRS) + ITC Fee<sup>#</sup> + Others<sup>%</sup></p> <p><b>#ITC Fee:</b> [Euro 4708 (tuition fee)] Plus Euro 4043 approx. (towards living allowance [Euro 3563], Insurance [Euro170] &amp; other cost [Euro 310] for 4.5 month stay in The Netherlands) payable to ITC]</p> <p><b>%Others:</b> To and fro air- travel to visit ITC ( to be borne by student)</p> <p><b>Note:</b> (i) For M.Sc. course, candidate should have secured a minimum of 60% marks in the qualifying examination.  (ii) The 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 (held annually at Bangalore, Dehradun, Jodhpur, Kolkata, Nagpur, Shillong and Thiruvananthapuram), interview and academic record; government-sponsored candidates are exempted from appearing in the entrance test.</p>			

S. No.	Course Code	Course Name	Entrance Requirements
<b>REMOTE SENSING APPLICATIONS: THEME-SPECIFIC ORIENTATION COURSE</b>			
12.	<b>O-DM</b>	Remote Sensing –An Overview for Decision Makers	Decision makers in organizations (with 10 yrs. experience in service)
<b>1. Total seats = 10 Nos.</b> <b>4. Course Fee for Individual Candidate - Govt. Sponsored = Rs. 10,000</b> (includes boarding + lodging charges) <b>2. Start date: 12.06.2017 &amp; Completion date: 15.06.2017</b> - <b>Self-financed (Indian) = 10,000</b> (includes boarding + lodging charges) <b>3. Last date to Apply: 12.05.2017</b>			
<b>INTERNATIONAL PROGRAMMES (Only for Foreign Nationals from ITEC/SCAAP Partner Countries)</b>			
13.	<b>S-RS</b>	Short Course on Remote Sensing with special emphasis on Digital Image Processing (ITEC-Sponsored)	P.G. Deg./ Grad. Deg./ 5-year Diploma in Phy., Chem., Maths, Botany, Forestry, Zool, Wildlife Sci., Env. Sci., Life Sci., Agri. Sci., Meteorology (Agro/ Hydro) subjects, 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-year work experience. Age limit: up to 45 yrs.
<b>1. Total seats = 20</b> <b>2. Start date: 09.01.2017 &amp; Completion date: 03.03.2017</b>			
14.	<b>S-GI</b>	Short Course on Geoinformatics (ITEC-Sponsored)	P.G. Deg./ Grad. Deg./ 5-year 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-year experience. Age limit: up to 45 yrs.
<b>1. Total seats = 20</b> <b>2. Start date: 18.09.2017 &amp; Completion date: 10.11.2017</b>			
<b>ITEC Course Fee for Individual Candidate - Govt. Sponsored = Rs. 21,000,</b> <b>- Self-financed (Indian) = Rs. 21,000 (12,000- Fee + 9,000 - Regn.)</b> <b>- Candidates should Apply through Ministry of External Affairs Govt. of India (<a href="http://www.itecgoi.in">www.itecgoi.in</a>)</b>			
<b>CERTIFICATE COURSE</b>			
15.	<b>C-RS</b>	Short Course on Remote Sensing and Image Interpretation	Graduate in any discipline with 2 years' experience
<b>* 1. Total seats = 05 Nos.</b> <b>4. Course Fee for Individual Candidate - Govt. Sponsored = Rs. 20,000 (12,000- Fee + 8,000 - Regn.)</b> <b>2. Start date: 08.01.2018, Completion date: 02.03.2018,</b> - <b>Self-financed (Indian) = Rs. 20,000 (12,000- Fee + 8,000 - Regn.)</b> <b>3. Last date to Apply: 15.12.2017</b>			
<b>NNRMS-ISRO SPONSORED CERTIFICATE COURSES: FOR UNIVERSITY FACULTY ONLY</b>			
16.	<b>N-GI</b>	GIS Technology and Advances	P.G. Deg. in Sci./ Engg./ Geog. / MCA
17.	<b>N-WR</b>	RS & GIS in Water Resources	P.G. Deg. in Civil / Agril. Engg.
18.	<b>N-FE</b>	RS & GIS in Forestry/ Ecology / Wildlife/ Env. Sciences	P.G. Deg.in Bot. /Ecol. /For. /Env. Sci. / Zool. / Wildlife Sci. /LifeSci. / Biosci.
19.	<b>N-UR</b>	RS & GIS in Urban & Regional Studies	P.G. Deg. in Plann. /Civil Engg. /Arch./Geog.
20.	<b>N-CM</b>	RS & GIS in Cartography and Mapping	P.G. Deg. in Sci./ Engg./ Geog.
21.	<b>N-GG</b>	RS & GIS in Geosciences	P.G. Deg. in Geol./Appl. Geol./ Geophy./ Geog.
22.	<b>N-GA</b>	RS & GIS in Soils & Land Use Planning	P.G. Deg. in Agri./Geog./ Env. Sci./Agric. Engg./Soil Cons.
23.	<b>N-CO</b>	RS & GIS in Coastal & Ocean Sciences	P.G. Deg.in Marine Sci./Geol./Oceanog./Appl. Geol./ Env. Sci.
<b>1. Each discipline has 8 seats</b> <b>4. Course Fee for Individual Candidate - Govt. Sponsored = Nil</b> <b>2. Start date: 01.05.2017 &amp; Completion date: 23.06.2017</b> - <b>Self-financed (Indian) = Rs. 12,000</b> <b>3. Last Date to Apply: 31.03.2017</b>			

**Important information:**

- a) If the date of course commencement falls on a holiday, course will start from next working day.
- b) 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 admitted are paid TA/DA as per applicable ISRO/DOS rules.
- c) Govt. organizations (Central/State Government Ministries/ Departments or Autonomous Institutions and State and Central Govt.-funded Universities) can sponsor only permanent employee.
- d) Course fee and other expenditure are likely to change as per IIRS and collaborating University's/ Institute's policy.
- e) Security deposit: Self-financed candidates have to deposit security deposit one month prior to the commencement of the course @ Rs. 4000/- in respect of Certificate Courses @ Rs.6000/- in respect of P.G. Diploma Courses, and @ Rs. 10000/- in respect of M.Sc./M.Tech. courses failing which seats would be offered to the wait-listed candidates.
- f) Boarding and lodging charge at IIRS Hostel are Rs. 2500 p.m. (approx.). Local candidates will be considered for hostel accommodation only if available.
- g) Number of seats are subject to change for all courses as per facility available and the decision of Director, IIRS shall be final regarding admissions.

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, U.K., India. Tel: +91-135-2524105, 2524106, 2524107, Fax: +91-135-2741987, 2748041; E-mail: [admissions@iirs.gov.in](mailto:admissions@iirs.gov.in). Kindly visit our website-[www.iirs.gov.in](http://www.iirs.gov.in) for details about IIRS and application form download.