

**CALENDAR OF TRAINING COURSES AT
INDIAN INSTITUTE OF REMOTE SENSING, DEHRA DUN FOR THE YEAR 2013**

Updated as on 05.02.2013

Sl. No	Course Code	Course Name	Entrance Requirements	No. of Seats	Starting Date dd mm yy	Passing Out Date dd mm yy	Course Fee for Individual Candidate			Apply by Date
							Govt. Spons. ₹	Open ₹	Foreign US \$	
POST GRADUATE DIPLOMA COURSES										
1.	D-AS	Sustainable Agriculture	M.Sc in Agriculture/ B.Sc. Agriculture (4 years)/ B.E./B. TECH in Agriculture Engg./ Geoinformatics/ Master in Geogrpahy/M.Sc. Environmental Science	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
2.	D-FE	Forest Resources & Ecosystem Analysis	M.Sc. Forestry/Ecology/Botany/Wildlife Sciences/ Zoology/ Environmental Sciences/ Master in Geography / B.E.(Geoinformatics)/ B.Sc. Forestry (4 Years) / Forest Officers (B.Sc.+ 2 years experience)	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
3.	D-GG	Geosciences	M.Sc./M.Sc.(Tech.)/M.Tech. in Geology/Applied Geology/ Geophysics/ Earth Sciences/ Geoexploration/ Petroleum Engineering or equivalent / Geoengineering/ Mining Engineering/ Geoinformatics, Environmental Sciences, Geography (Specialization in Geomorphology) or B.Tech. / B.E. in Civil Engineering, Geosciences, Petroleum Engineering, Mining Engineering, Mineral Processing/ Geoinformatics.	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
4.	D-MS	Marine and Atmospheric Sciences	M.Sc. in Marine Science/Earth Science / Geography/ Natural Science / Physics/ Atmospheric Science/ Environmental Sciences/ B.E.(Geoinformatics).	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
5.	D-UR	Human Settlement Analysis	Master in Planning / B.E. (Civil) /Geoinformatics /B. Architecture / B. Planning / Master in Geography	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
6.	D-WR	Water Resources	B.E. / B.Tech. / M.E. / M.Tech. Civil Engineering / Agricultural Engineering / Geoinformatics/ M.Sc. in Geology / Environmental Sciences	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
7.	D-PR	Photogrammetry and Remote Sensing	BE/B.Tech./M.Sc./M.Tech. Physics, Maths, App. Maths, Statistics, Geophysics, Meteorology, Oceanography, Geology, Physical Science,Earth science ,Natural/Environmental Sc., Geoinformatics/ Master in Geography or MCA (with B.Sc. degree). The candidates should have mathematics as one subject upto 10 + 2 level. Govt. employee with Bachelors degree in science and 2 years experience.	6	19.08.2013	20.06.2014	Nil	60,000	6,000	31.05.2013
M.TECH. COURSE										
8.	+M-RG	M.Tech. in RS & GIS	M.Sc. in Natural/ Physical Sciences / Geography/ M.Sc. Geoinformatics/Geomatics/Earth Sciences/ Geoexploration/ Petroleum Engineering or equivalent / Geoengineering/ Mining Engineering/ Environmental Sciences/ Natural Hazards/Disaster	30	19.08.2013	14.08.2015	Nil	1,44,000 + 20,000 (Andhra Univ.Regn. Fee)	14,400 + 250 (Andhra Univ.	24.05.2013

			management B.E. or B.Tech. (Civil Engg. & Agricultural Engg.) Elec. and Electronics/ Computer Sciences/ Computer Engg./ B. Tech. Geoinformatics Engineering, or B.Tech (IT) / B.E. in Geosciences / Geomatics, Petroleum Engineering, Mining Engineering, Mineral Processing / B.Arch./ M.Planning / B Planning/ / Master in Computer Applications (with B.Sc. degree) / B.Sc. (Forestry / Agriculture, both with 4 years duration course).						Regn. Fee)	
<p>Note :</p> <ul style="list-style-type: none"> • Master degree should be with Bachelor in Sciences. • Preference will be given to Mathematics in 10+ 2 standard. • Candidates should have secured a minimum of 55 % marks in the qualifying examination. • M.Tech. is accredited by Andhra University, Visakhapatnam and from 2nd module onwards the students admitted to this course will have to select one of the following disciplines: • Sustainable Agriculture, (ii) Forest Resources & Ecosystem Analysis, (iii) Geosciences, (iv) Marine and Atmospheric Sciences, (v) Human Settlement Analysis (vi) Water Resources, (vii) Satellite Image Processing & Photogrammetry and (viii) Geoinformatics • The admission for M.Tech. course is based on entrance test and interview. GATE qualified candidates with valid GATE Score will not be required to appear in the entrance test. However they will also be required to appear in the interview along with other candidates. IIRS does not provide any fellowship/ financial assistance to any of its students. 										
GEOINFORMATICS : TECHNOLOGY AND APPLICATION										
9.	D-GI IIRS-ITC Joint Education Program	Post Graduate Diploma in Geoinformation Science & Earth Observation with specialisation in Geoinformatics	M.Sc. / M.Tech. Degree in Physics, Mathematics, Applied Mathematics, Statistics, Geophysics, Meteorology, Oceanography, Geology, Agriculture, Urban and Regional Planning , Remote Sensing OR any Natural/Environmental Sciences, Master in Geography / B.E. / B. Tech. (Civil Engineering / Electronics and Communication, Computer Science/ Computer Engineering / IT/Agricultural Engineering / Geoinformatics /MCA (with B.Sc. degree).	10	23.09.2013	19.07.2014	Euro 300	65,000	3000	21.06.2013
10.	M-GI IIRS-ITC Joint Education Program	M. Sc. in Geoinformation Science & Earth Observation with specialisation in Geoinformatics	M.Sc. / M.Tech. Degree in Physics, Mathematics, Applied Mathematics, Statistics, Geophysics, Meteorology, Oceanography, Geology, Agriculture, Geography, Urban and Regional Planning/ Remote Sensing OR any Natural/Environmental Sciences OR BE/B. Tech. (Civil Engineering / Electronics and Communication / Computer Science / Computer Engineering / IT/Agricultural Engineering /B. Tech. in Geoinformatics / B.Sc. (4 years) Agriculture /Forestry or equivalent OR MCA with Science Graduation or M.Sc. in IT.	10	23.09.2013	20.03.2015	Euro 2500 payable to ITC + ₹ 2,00,000 Approx. own expenditure for visit to ITC)	1,20,000 payable to IIRS + Euro 2500 payable to ITC + ₹ 2,00,000 Approx. own expenditure for visit to ITC)	7000	24.05.2013
<p>Note :</p> <ul style="list-style-type: none"> • The candidate should have secured a minimum of 60 % marks in the qualifying examination • GATE qualified candidates with valid GATE Score will not be required to appear in the entrance test . However they will also be required to appear in the interview along with other candidates. IIRS does not provide any fellowship/ financial assistance to any of its students. • The M.Sc. degree is awarded under Joint Education Programme of IIRS-ITC by Faculty of Geoinformation Science and Earth Observation of the University of Twente, The Netherlands. 										
11.	D-NHDM IIRS-ITC Joint Education Program	PG Diploma in Geoinformation Science & Earth Observation with specialisation in Natural Hazards &	M.Sc. in Natural Sciences / Earth Sciences / Physical Sciences or B.Arch/ B.Planning / M. Planning or B.E. / B.Tech. in Civil Engineering/ Agricultural Eng./ Environmental Eng/ Geosciences/ Geoexploration/ Earthquake Engineering/ Geoinformatics/IT/CS/ECE or B.Sc. (Forestry / Agriculture, both with 4 years duration	10	23.09.2013	19.07.2014	Euro 300	65,000	3000	21.06.2013

		Disaster Risk Management	course) or Master in Disaster Management /Geography or Forest Officers (Graduates in Science with 2 years experience) / MCA (with B.Sc.).							
12.	M-NHDRM IIRS-ITC Joint Education Program	M. Sc. in Geoinformation Science & Earth Observation with specialisation in Natural Hazards & Disaster Risk Management	M.Sc. in Natural Sciences / Earth Sciences / Physical Sciences / Agriculture or M.Sc. in Geography / P.G.in Urban and Regional Planning / B.Arch/ B.Planning/ M. Planning or B.E./ B.Tech./ M.E. / M.Tech. in Civil Engineering / Agricultural Engineering / Environmental Eng/ Geosciences/ Geoexploration/Earthquake Engg / IT/CS/ECE or B.Sc. (Forestry / Agriculture, both with 4 years duration course) or M.Sc. Geography / M.A. Geography (with B.Sc.) / M.A. (Disaster Management with B.Sc.) / MCA (with B.Sc.).	10	23.09.2013	20.03.2015	Euro 2500 payable to ITC + ₹ 2,00,000 Approx. own expenditure for visit to ITC)	1,20,000 payable to IIRS + Euro 2500 payable to ITC + ₹ 2,00,000 Approx. own expenditure for visit to ITC}	7000	21.06.2013
<p>Note :</p> <ul style="list-style-type: none"> The candidate should have secured a minimum of 60 % marks in the qualifying examination GATE qualified candidates with valid GATE Score will not be required to appear in the entrance test . However they will also be required to appear in the interview along with other candidates. IIRS does not provide any fellowship/ financial assistance to any of its student . The M.Sc. degree is awarded under Joint Education Programme of IIRS-ITC by Faculty of Geoinformation Science and Earth Observation of the University of Twente, The Netherlands. 										
REMOTE SENSING APPLICATIONS : THEME SPECIFIC ORIENTATION COURSE										
13.	O-DM	Remote Sensing – An Overview for Decision Makers	Decision makers in organizations (with 10 years experience in service).	10	18.06.2013	21.06.2013	7,000 [®]	7,000 [®]	700 [®]	18.05.2013
INTERNATIONAL PROGRAMMES										
14.	S-RS	Short Course on Remote Sensing with special emphasis on Digital Image Processing (ITEC Sponsored)	Post Graduate degree in natural sciences, graduate in any engineering discipline, or graduate in natural sciences with sufficient knowledge of mathematics/statistics at high school level. Middle level resources managers and professionals from Govt., NGOs, Universities with 2 years work experience relevant to natural science/management/data-map handling. Age: Upto 45 Years or so.	20	07.01.2013	01.03.2013	20,000	20,000	\$ 2000	28.11.2012
15.	S-GI	Short Course on Geoinformatics (ITEC Sponsored)	Post Graduate degree in natural sciences, graduate in any engineering discipline, or graduate in natural sciences with sufficient knowledge of mathematics/statistics at high school level. Middle level resources managers and professionals from Govt., NGOs, Universities with 2years work experience relevant to natural science/management/data-map handling. Age : Up to 45 years.	20	23.09.2013	15.11.2013	20,000	20,000	\$ 2000	23.08.2013
Dates of course at Sl. No. 15 are subject to change										
CERTIFICATE COURSE										
16	C-RS	Short Course on Remote Sensing and Image Interpretation	Engineering Graduate / Post Graduates in Science and Geography.	5	07.01.2013	01.03.2013	Nil	12,000	1200	28.11.2012
NNRMS – ISRO SPONSORED CERTIFICATE COURSES : FOR UNIVERSITY FACULTY ONLY										
17.	N-GI	GIS Technology and Advances	Post Graduate Degree in Science/Engineering Graduate. The candidates should have 2 yrs. teaching	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013

			experience at PG level.							
18	N-WR	RS & GIS Applications to Water Resources	B.E. / B. Tech., M.E./M. Tech.(Civil & Agricultural Engineering) with 2 years teaching /research experience.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
19	N-FE	RS & GIS applications to Forestry/ Botany / Ecology / Wildlife / Environmental Sciences	Post Graduate Degree Botany/Ecology/Forestry/ Environment/ Zoology / Wildlife Science/ Life Science. The candidates should have 2 yrs. teaching experience at PG level.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
20	N-UR	RS & GIS Applications to Urban & Regional Planning	M. Planning/ B.E.(Civil)/B. Arch. / B Planning / Master in Geography. The candidates should have 2 yrs. teaching experience at PG level.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
21	N-CM	Cartography and Mapping	Post Graduate Degree in Science/Geography. The candidates should have 2 yrs. teaching experience at PG level	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
22	N-GG	RS & GIS Applications to Geosciences	Post Graduate Degree in Geology/ Applied Geology/ Geophysics/ Geography. The candidates should have 2 yrs. teaching experience at PG level.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
23	N-GA	RS & GIS Applications to Agriculture and Soils	Post Graduate Degree in Science / Agriculture / Geography / Environmental Sciences . The candidates should have 2 yrs. teaching experience at PG level.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013
24.	N-MA	RS & GIS Applications to Meteorology & Atmospheric Sciences	Post Graduate Degree in Science / Marine Sciences / Meteorology / Atmospheric /Environmental Sciences. The candidates should have 2 yrs. teaching experience at PG level.	8	06.05.2013	28.06.2013	Nil	12000	1200	15.02.2013

Note : Please note the following important information:

- If the date of commencement falls on holiday, course will start from next working day.
- Sponsoring organizations are required to meet all expenses viz., traveling allowance, daily allowance, contingent expenses, medical expenses etc., for their candidates EXCEPT course fee. **However Courses at Sl. Nos. 13, 14 & 15 are paid courses for all** including Govt. organizations also. In case of NNRMS sponsored course, the candidates admitted are paid TA/DA by IIRS as per DOS rules applicable for this course.
- The Govt. Organizations (Central / State Government bodies / Autonomous Institutions and State and Central Govt. funded Universities) can **sponsor only permanent staff**. Private Universities & self sponsored candidates have to pay **full course fee** prior to joining the course.
- Security deposit : Self Financed candidates, have to deposit/ remit security deposit one month prior to the commencement of the course, failing which seats would be offered to the waitlisted candidates, as mentioned further:(i) @ ₹ 4000/- in respect of Certificate Courses (ii) @ ₹ 6000/- in respect of PG Diploma Courses and (iii) @ ₹ 10000/- in respect of M.Sc./ M.Tech. courses.
- Boarding and lodging charges at IIRS Hostel comes to ₹ 2500 p.m. (approx.). **Local candidates will be considered for hostel accommodation, only if available.**
 @ Includes boarding and lodging charges for the course mentioned at S.No.13.
- **Number of seats are subject to change in all courses.**

For further details, contact: Director / Group Director, Programme Planning & Evaluation Group , Indian Institute of Remote Sensing, ISRO, Dept. of Space, Govt. of India, 4, Kalidas Road, Dehra Dun Pin- 248 001, UTTARAKHAND (INDIA). FAX: 91-135- 2741987; 2748041;PHONE: 91 -135-2744583, 0135-2746798, 2524105, 2524106, , 2524107, 2524108. 2524109

E-mail: admissions@iirs.gov.in; also, please log in : www.iirs.gov.in for details and application form.