

**CALENDAR OF TRAINING COURSES AT  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRA DUN FOR THE YEAR 2010**

Sl. No	Course Code	Course Name	Entrance Requirements	No. of Seats	Starting Date	Passing Out Date	Course Fee for Individual Candidate			Apply by Date
					dd mm yy	dd mm yy	Govt. Spons. INR	Open INR	Foreign US \$	
1.	C-PR	Basic Photogrammetry & Remote Sensing	Science/Engineering Graduate with mathematics up to higher secondary school lev service) / Post Graduates in Science and Geography.el & 2 years experience (in service) / Post Graduates in Science and Geography.	5	22.02.2010	18.06.2010	Nil	24,000	2400	27.11.2009
<b>POST GRADUATE DIPLOMA COURSES</b>										
2.	D-AS	Agriculture & Soils	M.Sc in Agriculture/ Soil Sciences/ Environmental Sciences/ Geography /B.Sc. agriculture (4 years).	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
3.	D-FE	Forestry & Ecology	M.Sc in Forestry/ Environmental Science/Ecology/ Botany/Wildlife Science/ Life Science/ /Zoology / B.Sc. Forestry (4 years) / Forest Officers.	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
4.	D-GG	Geosciences	M.Sc./M.Sc.(Tech.)/M.Tech. in Geology/Applied Geology/ Geophysics/ Earth Sciences/ Geography (Specialization in Geomorphology) or B.Tech. / B.E. in Civil Engineering.	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
5.	D-MS	Marine Sciences	M.Sc. in Marine Sciences/Earth Sciences / Geography/ Any Natural Science / Physics/ Atmospheric Science	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
6.	D-UR	Human Settlement Analysis	Master in Planning / B.E. (Civil) / B. Architecture / B. Planning / Master in Geography	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
7.	D-WR	Water Resources	B.E. / B.Tch. / M.E. / M.Tech. in Hydrology (Civil Engineering / Agricultural Engineering) / M.Sc. in Geology / Graduate Engineers with 2 yrs experience (in service).	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
8.	D-DP	Digital Photogrammetry	M.Sc./M.Tech. Physics, Maths, App. Maths, Statistics, Geophysics, Meteorology, Oceanography, Geology, Geography or any Natural/Environmental Sc. or BE/B.Tech. Working Govt servants with Graduation in Science with 2 yrs experience. The candidates should have mathematics as one subject upto graduation level.	6	22.02.2010	17.12.2010	Nil	60,000	6,000	27.11.2009
<b>M.TECH. COURSE</b>										
9.	+M-RG	M.Tech. in RS & GIS	M.Sc. in Natural Sciences/ Geography/B.E. or B.Tech. (Civil Engg.) / B.Arch./ M.Planning / B Planning/ Master in Computer Applications (with B.Sc. degree) / B.Sc. (Forestry / Agriculture, both with 4 years duration course).	10	22.02.2010	17.02.2012	Nil	1,44,000 + 10,000 (Andhra Univ.Regn. Fee)	14,400 + 250 (Andhra Univ. Regn. Fee)	30.10.2009
<p><b>Note: For admission to M.Tech. courses</b> the applicants should hold both UG and PG degrees in natural / basic sciences / applied sciences with at least two basic/ applied/ natural science subjects or applied science subjects at graduation level and should have secured a minimum of 55 % marks in the qualifying examination.</p> <p><b>+ M.Tech. is accredited by Andhra University</b>, Visakhapatnam and from 2<sup>nd</sup> module onwards the students admitted to this course will have to select one of the following disciplines: (i) Agriculture and Soils, (ii) Forestry and Ecology, (iii) Geosciences, (iv) Marine Sciences, (v) Human Settlement Analysis and (vi) Water Resources.</p> <p>The admission for M.Tech. course is based on <b>entrance test and interview</b>. There will be three papers viz. (i) Mathematics of 10<sup>th</sup> standard, (ii) Basic Science of 10 + 2 standard (iii) General Computer Knowledge, English Proficiency and Aptitude Test, Questions related to Specialized Area of interest as mentioned above. The entrance test for second and third papers will be conducted on computer. The candidates who possess <b>valid GATE</b> certificate having score of 90 percentile or more will be given extra weightage for admission to M.Tech course. However, they will also be assessed through entrance test followed by interview along with other candidates. IIRS does not provide any fellowship/ financial assistance to any of its students.</p>										

GEOINFORMATICS : TECHNOLOGY AND APPLICATION										
10.	C-GG	RS and GIS in Geosciences	M.Sc./M.Sc(Tech.)/M.Tech. in Geology/Applied Geology/Geography (Specialization in Geomorphology). The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
11.	C-GL	Land Information System	Post Graduate in Town & Country Planning/ / B.E. (Civil Engg.) / B.Arch. / B. Planning / M.Sc. in Geography. The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
12.	C-GA	RS and GIS in Agriculture and Soils	M.Sc. in Agriculture, Geography or equivalent. The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
13.	C-GW	RS and GIS in Water Resources Management	B.E./M.E. in Hydrology/ Civil Engineering/ Agricultural engineering/ M.Sc. in Earth Sciences with Remote Sensing experience. The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
14.	C-GC	RS and GIS in Coastal Zone Management	M.Sc. in Marine Sciences/ Earth Science / any Natural Science. The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
15.	C-GF	RS and GIS in Forest Management	M.Sc. in Forestry / Wildlife Science / Life Science/ Environmental Science / Zoology / Botany / Ecology / Forest Officers. The candidates should have experience of Remote Sensing and GIS applications.	3	27.09.2010	21.01.2011	Nil	24000	2400	25.06.2010
16.	D-GI <i>Joint IIRS-ITC Program</i>	Post Graduate Diploma in Geoinformatics	M.Sc/M.Tech. Degree in Physics, Mathematics, Applied Mathematics, Statistics, Geophysics, Metereology, Oceanography, Geology, Agriculture, Geography, Urban and Regional Planning / Remote Sensing OR any Natural/Environmental Sciences / B.E. / B. Tech. (Civil Engineering / Electronics and Communication, Computer Science/ Computer Engineering / Agricultural Engineering / MCA OR B.Sc in any discipline with minimum 50% marks OR Working professionals with minimum experience of 2 yrs in the field of RS/GIS/Photogrammetry. Applicants should have studied mathematics and basic Science up to 10 <sup>th</sup> standard. The course will be conducted only if there are minimum 5 participants.	10	27.09.2010	22.07.2011	Nil	80,000 (Rs. 65,000 payable to IIRS + Rs. 15000 payable to ITC	Euro 3000	25.06.2010
17.	<b>M-GI</b> <i>Joint IIRS-ITC Program</i>	M. Sc. in Geoinformatics	M.Sc/M.Tech. Degree in Physics, Mathematics, Applied Mathematics, Statistics, Geophysics, Metereology, 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 / Agricultural Engineering / B.Sc. (4 years) Agriculture/Forestry or equivalent OR MCA with science graduation. The candidate should have secured a minimum of 60 % marks in the qualifying examination. Applicants should have studied mathematics and basic Science up to 10 <sup>th</sup> standard.	10	27.09.2010	23.03.2012	Nil	1,20,000 payable to IIRS + Euro 1250 payable to ITC + {Rs. 2,00,000 own expenditure for visit to ITC}	Euro 6250	28.05.2010
<p><b>Note:</b> The candidates will be screened in based on their basic qualifications. Admission is based on entrance test and interview. The entrance test will be conducted on computer. There will be one paper comprising of Mathematics and Basic Science of 10<sup>th</sup> standard, General Computer Knowledge, English Proficiency, Scientific Aptitude test and Questions related to Computer Hardware and Software. The final selection is based on overall merit of the candidate. Preference will be given to the candidates who have valid GATE certificate, however IIRS would not provide any fellowship to such candidates. The course will be conducted only if there are minimum 5 participants.</p>										

18.	<b>D-GH Joint IIRS-ITC Program</b>	PG Diploma in Geo-Hazards (3 Optional streams): Hydrometeorological / Geological/ Environmental	M.Sc. in Natural Sciences / Earth Sciences / Agriculture or B.Arch/ B.Planning/ M. Planning or B.E. / B.Tech. / M.E./M.Tech. in Civil Engineering/ Agricultural Engineering or B.Sc. (Forestry / Agriculture, both with 4 years duration course) or M.Sc. Geography or Forest Officers. Applicants should have studied mathematics and basic Science up to 10 <sup>th</sup> standard. The course will be conducted only if there are minimum 5 participants.	10	27.09.2010	29.07.2011	Nil	80,000 (Rs. 65,000 payable to IIRS + Rs. 15000 payable To ITC	Euro 3000	25.06.2010
19.	<b>M-GH Joint IIRS-ITC Program</b>	M. Sc. in Geo-Hazards (3 Optional streams): Hydrometeorological / Geological / Environmental)	M.Sc. in Natural Sciences / Earth Sciences / Agriculture or 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 or B.Sc. (Forestry / Agriculture, both with 4 years duration course) or M.Sc. Geography. The candidate should have secured a minimum of 60 % marks in the qualifying examination and should have studied mathematics and basic Science up to 10 <sup>th</sup> standard.	10	27.09.2010	23.03.2012	Nil	1,20,000 payable to IIRS + Euro 1250 payable to ITC + {Rs. 2,00,000 own expenditure for visit to ITC}	Euro 6250	28.05.2010
<p><b>Note:</b> Admission is based on entrance test and interview. The entrance test will be conducted on computer. There will be one paper comprising of Mathematics and Basic Science of 10<sup>th</sup> standard, General Computer Knowledge, English Proficiency, Scientific Aptitude Test and Questions related to Environment and Disaster etc. The final selection is based on overall merit of the candidate. The course will be conducted only if there are minimum 5 participants.</p>										
<b>REMOTE SENSING APPLICATIONS : THEME SPECIFIC ORIENTATION COURSE</b>										
20.	<b>O-DM</b>	Remote Sensing –An Overview for Decision Makers	Decision makers in organizations (with 10 years experience in service).	10	15.06.2010	18.06.2010	7,000 @	7,000 @	700 @	14.05.2010
<b>INTERNATIONAL PROGRAMMES</b>										
21.	<b>S-RS</b>	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	04.01.2010	26.02.2010	12,000	12000	1200	27.11.2009
22.	<b>S-GI</b>	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 : Upto 45 years or so.	10	27.09.2010	26.11.2010	12,000	12000	1200	30.08.2010
<b>NNRMS – ISRO SPONSORED COURSES : FOR UNIVERSITY FACULTY ONLY</b>										
23.	<b>N-GI</b>	GIS Technology and Advances	P.G. in Science/Engineering Graduate. The candidates should have 2 yrs. teaching experience at PG level.	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010
24.	<b>N-WR</b>	RS & GIS Applications to Water Resources	B.E. (Civil), Agricultural Engineering, masters in Hydrology/Hydrogeology. The candidates should have 2 yrs. teaching experience at PG level.	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010

25.	N-FE	RS & GIS applications to Forestry/ Botany / Ecology / Wildlife / Environmental Sciences	P.G. in Botany/Ecology/Forestry/ Environment/ Zoology / Wildlife Science/ Life Science. The candidates should have 2 yrs. teaching experience at PG level.	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010
26.	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	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010
27.	N-PR	Cartography and Mapping	P.G. in Science/Geography. The candidates should have 2 yrs. teaching experience at PG level	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010
28.	N-GG	RS & GIS Applications to Geosciences	P.G. in Geology/ Applied Geology/ Geophysics/ Geography. The candidates should have 2 yrs. teaching experience at PG level.	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010
29.	N-GA	RS & GIS Applications to Agriculture and Soils	P.G. in Science/Geography. The candidates should have 2 yrs. teaching experience at PG level.	8	03.05.2010	25.06.2010	Nil	12000	1200	05.02.2010

**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. 20, 21 & 22 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 Universities) can **sponsor only permanent staff**. Private & 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) @ **Rs.2000/- in respect of Certificate Courses** (ii) @ **Rs.4000/- in respect of PG Diploma Courses** and (iii) @ **Rs.6000/- in respect of M.Sc./ M.Tech. courses**.
- Boarding and lodging charges at IIRS Hostel comes to Rs. 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.20.**

For further details, contact: Dean / Programme Coordinator (Academic) / Technical Staff Officer, Indian Institute of Remote Sensing (NRSC), ISRO, Dept. of Space, Govt. of India, 4, Kalidas Road, Dehra Dun, Pin- 248 001, UTTARAKHAND (INDIA). FAX: 91-135- 2741987; 2748041;PHONE: 91 -0135-2744583, 2746798,2524105,2524107;  
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