

**CALENDAR OF TRAINING COURSES AT
INDIAN INSTITUTE OF REMOTE SENSING, ISRO, DEHRADUN FOR THE YEAR 2016**

(Last updated on 02/11/2015)

Sl. No.	Course Code	Course Name	Entrance Requirements	Seats	Starting Date	Passing Out Date	Course Fee for Individual Candidate			Apply by Date
					ddmmyy	ddmmyy	Govt.- Spons. (Rs.)	Open (Rs.)	Foreign (US\$)	
POST-GRADUATE DIPLOMA COURSES IN REMOTE SENSING AND GIS WITH SPECIALIZATION IN										
1.	D-AS	Agriculture and Soils	M.Sc in Agriculture (Soil Sci./ Agromet/ Agron./ Plant Physiol./ Hort./ Soil cons./ Watershed Mgmt.) / Env. Sc./ Agril. Engg. / Master deg. in Geog. (with Sci. up to 10+2 level)/ B.Sc. Agri. / Hort. (4 yrs.)/ B.E./ B.Tech. in Agril. Engg./ Agri. Inform.	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
2.	D-FE	Forest Resources & Ecosystem Analysis	M.Sc. Forestry / Ecology / Botany / Wildlife Sci. / Biosci. / Zool. / Env. Sci. / Life Sci. / Master in Geog. (with Sci. up to 10+2 level)/B.Sc. Forestry or Biotech.* / Forest-biotech.* (4 yrs.) / Bioinform.* / Engg. degree in Biotech.* / Forest Biotech.* (4 yrs.) / Forest Officers*	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
3.	D-GG	Geosciences	M.Sc./M.Sc.(Tech.) / M.Tech. in Geol. / Appl. Geol. / Geophy. / Earth Sci. / Geoexplor. / Petrol. Engg. or equivalent / Geo-Engg. / Mining Engg. / Env. Sci. / Master in Geog. (with B.Sc at Grad.. level) / B.Tech. / B.E. in Civil Engg., Geosci., Petrol. Engg., Mining Engg., Mineral Process.	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
4.	D-MS	Marine & Atmospheric Sciences	M.Sc. in Marine Sci. /Earth Sci. / Phy. / Oceanog. / Meteor./ Atm. Sci. / Env. Sci. / Maths /Master in Geog. (with Sci. at 10+2 level).	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
5.	D-UR	Urban & Regional Studies	Master in Plan./ Arch./Civil/ Comp. Engg./IT/Geo-inform./Env.Sc./Geog. (with Sci. up to 10+2 level)/B. Plan./B.Arch/ B.E./B.Tech. in Civil./Comp. Engg. /I.T.	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
6.	D-WR	Water Resources	B.E./B.Tech./M.E./M.Tech. (Civil Engg.) /Agril. Engg. / M.Sc. in Geol. /Env. Sci./Geog. (with Maths up to 10+2 level)	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
7.	D-PR	Photogrammetry & Remote Sensing	B.E. / B.Tech./ B.Sc. Engg. in Civil / Electronics / Electrical / E.C.E./ Comp. Sci. / Comp. Engg. / IT/ Geomatics / Geoinform. / Remote Sensing or equivalent. Or M.Sc. / M.Tech. in Phy. / Appl. Phy. / Maths / Stat. / Appl. Maths / Geog. / Geoinform. / Geomatics / Remote Sensing with B.Sc. in Sci. and Maths up to 10+2 level.	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016

8.	D-NHDRM	Natural Hazards & Disaster Risk Management	M.Sc. in Phy./ Math. / Chem. / Bot. / Zool./ Geol. / Earth Sci. / Env. Sci. / Marine Sci. / Atm. Sci. / Agri. / Forestry/ Master in Geog. (with B.Sc. at Grad. level) OR B. Arch / B. Plan. / M. Plan. / Master in Geog. (with Science up to 10+2 level)/ OR B.E. / B.Tech. in Civil / Agril. / Env. / Geosci. / Geoexplor. / Geo-Engg. / Earthquake Engg. / I.T. / C.S. OR B.Sc. (4-year Forestry / Agri.) OR Master in Disaster Mgmt. / MCA (with B.Sc. in Sci.).	6	16.08.2016	16.06.2017	Nil	60,000	6,000	31.05.2016
* Only for P.G. Diploma										
M.TECH. COURSE IN RS & GIS										
9.	M-RG	M.Tech. in RS&GIS with specialization in: (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 & (viii) Geoinformatics	For specializations from Sl. No. 1 to 7 corresponding qualifications as mentioned for Post-Graduate Diploma courses under Sl. Nos. 1 to 7 are applicable. M.Sc. (Geog.) is eligible. For Sl. No. (v): BE/ B. Arch/ B.Plan/ B.Sc at graduate level is essential. Candidates with Geography background should have B.Sc (Geog.) and M.Sc (Geog) Entrance Requirement for Geoinformatics Specialization: M.Sc./M.Tech. in Physics/ Appl. Physics/ Electron./ Math./ Appl. Math./ Stat./ IT/ Comp. Sci./ Geo-Engg./ OR M.Sc. in Remote Sensing/ Geoinform./ Geomatics or its equivalent, OR Master in Geog. (having B.Sc. in Science subjects) OR B.E./B.Tech./B.Sc.(Engg.)/Graduate (with four year deg. course) in Civil / Electron. & Comm./ Elect./ Comp. Sci./ Comp./ IT/ Remote Sensing/ Geoinform./ Agri. Inform./ Forest Inform.	30	16.08.2016	17.08.2018	Nil	1,44, 000+ 20,000 (Andhra Univ.Regn .Fee)	20,000 (Andhra Univ. Regn. Fee)	31.05.2016
Note:										
<p>a) Candidates should have secured a minimum of 55% marks in the qualifying examination.</p> <p>b) M.Tech. is accredited by Andhra University, Visakhapatnam. From 2nd module onwards the students will have to select one of the these disciplines: (i) Agriculture and soils, (ii) Forest Resources & Ecosystem Analysis, (iii) Geosciences, (iv) Marine and Atmospheric Sciences, (v) Urban & Regional Planning, (vi) Water Resources (vii) Satellite Image Analysis & Photogrammetry, and (viii) Geoinformatics.</p> <p>c) The admission for M.Tech./M.Sc. courses is based on entrance test (held annually at Dehradun, Nagpur, Bangalore, Jodhpur, and Kolkata), interview and academic record. Govt.-sponsored candidates are exempted from written test. They have to appear only for interview.</p> <p>d) 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>e) Selection to long-term courses i.e. P.G. Diploma, M.Sc, and M.Tech. will involve counseling from 2016 onwards.</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 50 yrs.</p>										
IIRS-ITC JOINT EDUCATION PROGRAMME										
10.	D-GI	Post-Graduate Diploma in Geoinformation Science & Earth Observation with specialization in Geoinformatics	M.Sc./M.Tech. in Phy./ Appl. Phy./ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geology/ Geophysics/ Geo-Engg./ Agriculture/ Forestry/ Urban and Reg. Plan. OR any Natural/ Env. Sci., OR Master in Geog. (having B.Sc. in science subjects), OR B.E./ B.Tech./ B.Sc.(Engg.)/ Graduate (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, OR B.Arch. / B.Plann./ M.Arch./ M.Plann., OR MCA (having B.Sc. in Science subjects), OR equivalent OR Govt. officials* having B.Sc degree (Science up to 10+2 level) only for P.G. Diploma	10	19.09.2016	14.07.2017	EURO 450	65,000 + Euro 450	Euro 3000 + Euro 450	31.05.2016

11.	M-GI	M.Sc. in Geoinformation Science & Earth Observation with specialization in Geoinformatics	Entrance requirements as mentioned under Sl. No. 10.	10	19.09.2016	16.03.2018	Nil Fee to IIRS	1,20,000 payable to IIRS	Euro 5000 (payable to IIRS)	31.05.2016
							ITC Fee Euro 4708 (tuition fee) Plus Euro 4043 approx. (towards living allowance [Euro 3563], Insurance [Euro 170] & other cost [Euro 310] for 4.5 month stay in The Netherlands) payable to ITC.			
							Others To and fro air travel to visit ITC (to be borne by student).			
Note:										
(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 Post-Graduate Diploma in Geoinformatics (D-GI) is awarded jointly by IIRS and ITC/University of Twente.										
(iv) The admission for M.Sc. Course is based on entrance test (held annually at Dehradun, Nagpur, Bengaluru, Jodhpur, and Kolkata), interview and academic record; the government-sponsored candidates are exempted from appearing in the entrance test. The admission for PG Diploma Course is based on merit considering the academic record and experience. The government-sponsored candidates are given preference.										
REMOTE SENSING APPLICATIONS: THEME-SPECIFIC ORIENTATION COURSE										
12.	O-DM	Remote Sensing – An Overview for Decision Makers	Decision makers in organizations (with 10 yrs. experience in service).	10	13.06.2016	17.06.2016	10,000 (includes boarding + lodging charges)	10,000 (includes boarding + lodging charges)	--	13.05.2016
INTERNATIONAL PROGRAMMES (Only for Foreign Nationals from ITEC/SCAAP Partner Countries)										
13.	S-RS	Short Course on Remote Sensing with special emphasis on Digital Image Processing (ITEC-Sponsored)	P.G. Deg./ Grad. in Phy., Chem., Math., Bot., Forestry, Zool, Wildlife Sci., Env. Sci., Life Sci., Agri. Sci. subjects, Geog. (with B.Sc. at Grad. level) or any other Sci. / any discipline of Engg. with sufficient knowledge of Math. / Stat. at high school level / middle level resource managers and professionals from Govt., NGOs, Universities with 2-year work experience. Age limit: upto 45 yrs..	20	04.01.2016	26.02.2016	20,000	20,000 (12,000-Fee+8,000 - Regn.)	\$ 2000	27.11.2015
14.	S-GI	Short Course on Geoinformatics (ITEC-Sponsored)	P.G. Deg./ Grad. in Phy., Chem., Math., Bot., Forestry, Zoology, Wildlife Sci., Env. Sci., Agri. Sci. subjects, Geog. (with B.Sc. at Grad. level) or in any other Sci. / Engg. discipline with sufficient knowledge of Math. / Stat. at high school level / middle level resource managers and professionals from Govt., NGOs, Universities with 2-year work exp. Age limit: upto 45 yrs.	20	19.09.2016	11.11.2016	20,000	20,000 (12,000-Fee+8,000 - Regn.)	\$ 2000	19.08.2016
CERTIFICATE COURSE										
15.	C-RS	Short Course on Remote Sensing and Image Interpretation	Grad. deg. in Engg./ Sci.	5	04.01.2016	26.02.2016	20,000	20,000 (12,000-Fee+8,000 - Regn.)	--	27.11.2015

NNRMS-ISRO SPONSORED CERTIFICATE COURSES: FOR UNIVERSITY FACULTY ONLY (With Two Yrs. Teaching Experience at P.G. Level)										
16.	N-GI	GIS Technology and Advances	P.G. Deg. in Sci./ Engg./ Geog. / MCA	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
17.	N-WR	RS & GIS in Water Resources	P.G. Deg. in Civil / Agril. Engg.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
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.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
19.	N-UR	RS & GIS in Urban & Regional Studies	P.G. Deg. in Plann. /Civil Engg. /Arch./Geog.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
20.	N-CM	RS & GIS in Cartography and Mapping	P.G. Deg. in Sci./ Engg./ Geog.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
21.	N-GG	RS & GIS in Geosciences	P.G. Deg. in Geol./Appl. Geol./ Geophy./ Geog.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
22.	N-GA	RS & GIS in Soils & Land Use Planning	P.G. Deg. in Agri./Geog./ Env. Sci./Agric. Engg.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016
23.	N-CO	RS & GIS in Coastal & Ocean Sciences	P.G. Deg.in Marine Sci./Geol./Oceanog./Appl. Geol./ Env. Sci.	8	02.05.2016	24.06.2016	Nil	12000	1200	12.02.2016

Important information:

- a) **Government sponsored officials with Graduate degree (Science up to 10+2 level) can apply for PG Diploma courses**
- b) If the date of course commencement falls on a holiday, course will start from next working day.
- c) 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. In case of NNRMS-sponsored course, the candidates admitted are paid TA/DA by IIRS as per ISRO/DOS rules applicable for this course.
- d) The Govt. organizations (Central/State Government bodies/Autonomous Institutions and State and Central Govt.-funded Universities) can sponsor only permanent employee. Private universities & self-sponsored candidates have to pay full course fee in advance.
- 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 in all courses.

For further details, contact: Dean (Academics)/ Group Head, Program Planning & Evaluation Group, Indian Institute of Remote Sensing, ISRO, 4 Kalidas Road, Dehradun-248001,U.K., India. Tel: +91-135-2744583, 2524105, 2524106, 2524107, Fax: +91-135-2741987, 2748041;E-mail:admissions@iirs.gov.in; please visit our website-www.iirs.gov.in for details about IIRS and application form download.

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