

**INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**

[Last updated on May 11, 2023]

**Course Calendar at a Glance**

Sl.No	Course Name	Start Date	End Date	No.of Seats	Page No.
<b>REGULAR COURSES</b>					
1 - 9	Post-Graduate Diploma In Remote Sensing & GIS	02.08.2023	19.07.2024	30	2
10 - 18	M.Tech. In Remote Sensing & GIS	02.08.2023	27.06.2025	60	4
19	Post-Graduate Diploma in Geoinformation Science & Earth Observation with specialisation in Geoinformatics	21.09.2023	20.09.2024	10	6
20	M.Sc. in Geo-information Science & Earth Observation with specialisation in Geoinformatics	21.09.2023	14.08.2025	10	8
21	Remote Sensing- An Overview for Decision Makers	10.04.2023	13.04.2023	15	9
22	Short Course on Remote Sensing and Image Analysis	15.01.2024	08.03.2024	30	9
23 – 32	NNRMS-ISRO Sponsored Certificate Courses For Faculty Of University (Including Affiliated Colleges) & Faculty*/Scientists*/ Engineers*/Officers* Working In Govt. Organisations	15.05.2023	07.07.2023	64	10
33	Usefulness of Remote Sensing & GIS for Environmental Study	20.06.2023	23.06.2023	50	11
<b>SPECIAL COURSES</b>					
34	Emerging trends in remote sensing and its applications	17.04.2023	28.04.2023	25	11
35	Special Course on Hyperspectral Remote Sensing for Mineral and Hydrocarbon Exploration	10.07.2023	14.07.2023	20	12
36	SAR Data Processing for Land Deformation Studies	31.07.2023	11.08.2023	25	12
37	Remote Sensing and GIS Applications in Agricultural Water Management	21.08.2023	01.09.2023	20	13
38	Special Course on Microwave Remote Sensing for Geological Applications	11.09.2023	15.09.2023	25	13
39	Remote Sensing and GIS Applications in Hydrological Modelling and Data Assimilation	18.09.2023	29.09.2023	20	14
40	Remote Sensing & GIS in Predictive Soil Mapping	09.10.2023	20.10.2023	20	14
41	Geospatial Technology for Archaeological Studies	20.11.2023	08.12.2023	20	14
42	Special course on Remote Sensing and GIS data processing techniques for the young Researchers (Research Scholars/ JRF/ SRF/ RA/ Post-Doctoral Fellows) in Geosciences	04.12.2023	15.12.2023	30	15
<b>Important Information for Candidates</b>					16

## Course Calendar

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification	
<b>POST-GRADUATE DIPLOMA IN REMOTE SENSING &amp; GIS WITH SPECIALISATION IN FOLLOWING DISCIPLINES</b>				
		Specialisation	Intermediate/ Pre-University Level (including Diploma)	UG/PG Level
1.	D-AS	Agriculture & Soils	Science stream (with at least any two subjects out of Physics/ Chemistry/ Maths/ Statistics/ Biology/ Comp. Science)	<ul style="list-style-type: none"> <li>• M.Sc. in Agriculture/ Agronomy/ Agri. Physics/ Soil Sci./ Agrometeorology/ Entomology/ Pathology/ Plant Physiol./ Horticulture/ Agri. Botany/ Soil Conservation &amp; Water Mgmt./ Climate Change Adaptation/ Env. Sci. or equivalent <b>(OR)</b></li> <li>• B.E./B.Tech. in Agri. Engg./ Agri. Informatics/ Agri. &amp; Food Engg. or equivalent <b>(OR)</b></li> <li>• B.Sc. (4-year degree) in Agriculture/ Horticulture/ Sericulture <b>(OR)</b></li> <li>• Master's in Geography</li> </ul>
2.	D-FE	Forest Resources & Ecosystem Analysis		<ul style="list-style-type: none"> <li>• M.Sc. in Forestry/ Ecology/ Botany/ Wildlife Sci./ Biosci./ Zoology/ Env. Sci./ Env. Mgmt./ Nat. Res. Mgmt./ Life Sci./ Plant Sci. <b>(OR)</b></li> <li>• B.E./B.Tech. in Biotech/ Forest Biotech/ Bioinformatics/ Environmental Engg. <b>(OR)</b></li> <li>• B.Sc. (4-year degree) in Forestry/ Biotech./ Forest Biotech./ Bioinformatics <b>(OR)</b></li> <li>• Master's in Geography</li> </ul>
3.	D-GS	Geosciences		<ul style="list-style-type: none"> <li>• M.Sc./M.Sc.(Tech.)/M.Tech. in Geol./ Appl. Geol./ Geophys./ Earth Sci./ Appl. Geophys/ Geoexplor./ Marine Geol. &amp; Geophys./ Petrol. Engg./ Geo-Engg./ Mining Engg./ Geography or equivalent <b>(OR)</b></li> <li>• B.E./B.Tech. in Civil Engg./ Geosci./ Geo-Engg./ Geoexplor./ Mining Engg./ Geol. Tech. &amp; Geoinformatics or equivalent</li> </ul>
4.	D-NHD	Natural Hazards & Disaster Risk Management		<ul style="list-style-type: none"> <li>• Master's in Disaster Mgmt./ Nat. Res. Mgmt./ Env. Mgmt./ Meteor./ Phy./ Maths./ Botany/ Zool./ Geol./ Earth Sci./ Env. Sci./ Marine Sci./ Atm. Sci./ Agri./ Forestry/ Geography <b>(OR)</b></li> <li>• B.Arch./ B.Plan./ M.Plan. or equivalent <b>(OR)</b></li> <li>• B.E./ B.Tech. in Civil Engg./ Env. Engg./ Geosci./ Geoexplor./ Geo-Engg./ Geoinformatics/ Earthquake Engg./ <b>(OR)</b></li> <li>• B.Sc. (4-years degree) in Agriculture/ Forestry</li> </ul>
5.	D-UR	Urban & Regional Studies		<ul style="list-style-type: none"> <li>• Master's in Plan./Arch./Civil/ Comp. Sci./ Geoinform./ Geography or equivalent <b>(OR)</b></li> <li>• B.Plan./ B.Arch. or equivalent <b>(OR)</b></li> <li>• B.E./B.Tech. in Civil/ Comp. Sci./ Geoinformatics or equivalent</li> </ul>
6.	D-MS	Marine & Atmospheric Sciences		<ul style="list-style-type: none"> <li>• M.Sc. in Marine Sci./ Earth Sci./ Phy./ Oceanog./ Meteor./ Atm. Sci./ Env. Sci./ Maths <b>(OR)</b></li> <li>• Master's in Geography</li> </ul>
7.	D-PR	Satellite Image Analysis & Photogrammetry		<ul style="list-style-type: none"> <li>• M.Sc./M.Tech. in Phy./ Appl. Phy./ Maths/ Stat./ Appl. Maths/ Comp. Sci./ Civil/ IT/ Geography/ Geoinform. or equivalent <b>(OR)</b></li> </ul>

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			Physics/ Chemistry/ Statistics/ Biology/ Comp. Science)
8.	D-WR	Water Resources	<ul style="list-style-type: none"> <li>• B.E./B.Tech. in Civil/ Electron./ Electrical/ Electrical &amp; Electron./ ECE/ Comp. Sci./ IT/ Geoinform. or equivalent</li> <li>• M.Sc./M.Sc.(Tech.)/ M.Tech. in Agri. Engg./ Civil Engg./ Hydrology/ Water Res. Engg./ Water Res. Mgmt./ Hydro-informatics/ Geol./ Env. Sci./ Soil &amp; Water Conservation/ Natural Resources Mgmt. or equivalent (OR)</li> <li>• B.E./ B.Tech. in Civil Engg./ Agri. Engg./ Water Res. Engg./ Env. Engg. or equivalent</li> </ul>
9.	D-SDS	Spatial Data Science	<ul style="list-style-type: none"> <li>• M.Sc./M.Tech. in Comp. Sci./ IT/ Computer Application/ Physics./ Maths/ Appl. Maths /Stat./ Geography/ Environment Science/ Geoinformatics or equivalent (OR)</li> <li>• B.E./B.Tech. in Comp. Sci./ IT/ Civil/ Electronics./ Geoinformatics. or equivalent</li> </ul>

**Instructions for P.G. Diploma (including all specialisations mentioned at Sl. No. 1-9):**

- **Start date to Apply: 27.01.2023 [10:00 hrs]**
- **Course start date: 02.08.2023**
- **Number of Seats: 30** (03 seats in specialisations mentioned from Sl. No. 1 to 8; and 06 seats in Spatial Data Science specialisation (Sl. No. 09).
- **Process of Application:** Only Online Applications will be considered. To apply online, visit: <https://admissions.iirs.gov.in/>. Candidate has to choose only one specialisation at the time of applying online, which cannot be changed subsequently. If the candidate wishes to apply for P.G. Diploma as well as M.Tech. He/she has to choose the same specialisation for both the courses. **Application Fee for Govt.-Sponsored candidate: Nil; Application Fee for Self-financed (Indian) candidate: For only P.G. Diploma - Rs. 1,000/- (USD 100 for foreign nationals); For both P.G. Diploma and M.Tech. - Rs. 1,500/- (USD 150 for foreign nationals).** Govt.-sponsored candidates should submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in/>.
- **Course Fee: Govt.-Sponsored candidate = Nil; Self-financed (Indian) candidate = Rs. 72,000; Foreign candidate = USD 7,200.** Boarding & lodging charges in IIRS Hostel are extra (Rs. 4,500 per month approx.) and will have to be paid by the candidate as per the IIRS hostel rules & regulations. Further, candidates will also have to pay the amount towards health insurance as informed by IIRS, subsequently.
- **Eligibility:**
  - **Age limit:** 45 yrs.
  - **Qualification:** As mentioned above for Intermediate/ Pre-University (including Diploma) and UG/PG levels. Candidate should have secured a minimum of 55% marks (or equivalent CGPA) in the qualifying degree at UG/PG level and Intermediate/ Pre-University Level (including Diploma). Further, candidate holding Master's degree in any of the subjects/disciplines mentioned above (Sl. No. 1-9) as the essential qualification for any course/specialisation should have Bachelor's degree in Science [B.Sc./B.S.] with the subjects from the following areas: Earth, Atmosphere, Ocean & Planetary Sciences/ Physical Sciences/ Life Sciences/ Mathematical Sciences/ Chemical Sciences/ Engineering Sciences/ Geography/ Env. Science/ Computer Science (OR) Bachelor's degree in Engineering [B.E./B.Tech./B.Sc.(Engg.)].
  - Candidates in the final semester/year of the qualifying degree can also apply under the "Result Awaited" category. For details, read the 'Instructions for Appearing Candidates' in the 'Important Information for Candidates' section given at the end of this Calendar.
  - For Govt.-sponsored candidates, the Institute may consider relaxation in qualification/age.
  - Candidate should ensure his/her eligibility and then apply for the relevant course/ specialisation.
- **Selection Process for Admission:**

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			<ul style="list-style-type: none"> <li>– The selection of eligible self-sponsored candidates (including foreign nationals) will be based on Academic Career and Interview (online). Detailed guidelines and schedule will be published on IIRS website in due course of time.</li> <li>– Govt.-sponsored candidates are given preference for admission.</li> <li>• <b>Note:</b> Specialisation, once allotted upon selection, will not be changed during the course. Conversion from P.G. Diploma to M.Tech. in the same specialisation may be allowed at appropriate time during the P.G. Diploma coursework, subject to eligibility of the candidate, availability of seat, meeting other criteria as specified by the Institute, approval of the Andhra University, and as per existing rules &amp; regulations; <b>only those P.G. Diploma students who have also applied for M.Tech. programme at the time of filing online application and who are waitlisted in the M.Tech. admission list shall be considered for the conversion from P.G. Diploma to M.Tech.;</b> Decision of the Institute in this regard shall be final. Candidates are advised to read the 'Important Information for Candidates' section given at the end of this Course Calendar.</li> </ul>

**M.TECH. IN REMOTE SENSING & GIS WITH SPECIALISATION IN FOLLOWING DISCIPLINES**

Sl. No.	Course/ Code	Specialisation	Intermediate/ Pre-University Level (including Diploma)	UG/PG Level
10.	M-AS	Agriculture & Soils	Science stream (with at least any two subjects out of Physics/ Chemistry/ Maths/ Statistics/ Biology/ Comp. Science)	<ul style="list-style-type: none"> <li>• M.Sc. in Agriculture/ Agronomy/ Agri. Physics/ Soil Sci./ Agrometeorology./ Entomology/ Pathology/ Plant Physiol./ Horticulture/ Agri. Botany/ Soil Conservation &amp; Water Mgmt./ Climate Change Adaptation/ Env. Sci. or equivalent (OR)</li> <li>• B.E./B.Tech. in Agri. Engg./ Agri. Informatics/ Agri. &amp; Food Engg. or equivalent (OR)</li> <li>• B.Sc. (4-years degree) in Agriculture/ Horticulture/ Sericulture (OR)</li> <li>• Master's in Geography</li> </ul>
11.	M-FE	Forest Resources & Ecosystem Analysis		<ul style="list-style-type: none"> <li>• M.Sc. in Forestry/ Ecology/ Botany/ Wildlife Sci./ Biosci./ Zoology/ Env. Sci./ Env. Mgmt./ Nat. Res. Mgmt./ Life Sci./ Plant Sci. (OR)</li> <li>• B.Sc. (4-year degree) in Forestry (OR)</li> <li>• B.E./B.Tech. in Biotech./ Forest Biotech./ Bioinformatics/ Environmental Engg. (OR)</li> <li>• Master's in Geography</li> </ul>
12.	M-GS	Geosciences		<ul style="list-style-type: none"> <li>• M.Sc./M.Sc.(Tech.)/ M.Tech. in Geol./ Appl. Geol./ Geophys./ Earth Sci./ Appl. Geophys. Geosplor./ Marine Geol. &amp; Geophys./ Petrol. Engg./ Geo-Engg./ Mining Engg./ Geography and equivalent (OR)</li> <li>• B.E./B.Tech. in Civil Engg./ Geosci./ Geo-Engg./ Geosplor./ Mining Engg./ Geol. Tech. &amp; Geoinformatics and equivalent</li> </ul>
13.	M-NHD	Natural Hazards & Disaster Risk Management		<ul style="list-style-type: none"> <li>• M.Sc. in Disaster Mgmt./ Nat. Res. Mgmt./ Env. Mgmt./ Meteor./ Phy./ Maths./ Botany/ Zool./ Geol./ Earth Sci./ Env. Sci./ Marine Sci./ Atm. Sci./ Agri./ Forestry (OR)</li> <li>• B.Arch./ B.Plan./ M.Plan. (OR)</li> <li>• B.E./ B.Tech. in Civil Engg./ Env. Engg./ Geosci./ Geosplor./ Geo-Engg./ Geoinformatics/ Earthquake Engg./ (OR)</li> <li>• Master's in Geography</li> </ul>
14.	M-UR	Urban & Regional Studies		<ul style="list-style-type: none"> <li>• Master's in Plan./ Arch./ Civil/ Comp. Sci./ Geoinform./ Geography or equivalent (OR)</li> <li>• B.Plan./ B.Arch. or equivalent (OR)</li> <li>• B.E./B.Tech. in Civil/ Comp. Sci./ Geoinform. or equivalent</li> </ul>

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
15.	M-MS	Marine & Atmospheric Sciences	Science stream (with Maths as essential subject and any one subject out of Physics/ Chemistry/ Statistics/ Biology/ Comp. Science) <ul style="list-style-type: none"> <li>• M.Sc. in Marine Sci./ Earth Sci./ Phy./ Oceanog./ Meteor./ Atm. Sci./ Env. Sci./ Maths (OR)</li> <li>• Master's in Geography</li> <li>• M.Sc./ M.Tech. in Phy./ Appl. Phy./ Maths/ Stat./ Appl. Maths/ Comp. Sci./ Civil/ IT/ Geography/ Geoinform. or equivalent (OR)</li> <li>• B.E./B.Tech. in Civil/ Electron./ Electrical/ Electrical &amp; Electron./ ECE/ Comp. Sci./ IT/ Geoinform. or equivalent</li> <li>• M.Sc./M.Sc.(Tech.)/ M.Tech. in Agril. Engg./ Civil Engg./ Hydrology/ Water Res. Engg./ Water Res. Mgmt./ Hydro-informatics/ Geol./ Env. Sci./ Soil &amp; Water Conservation/ Natural Resources Mgmt. or equivalent (OR)</li> <li>• B.E./ B.Tech. in Civil Engg./ Agri. Engg./ Water Res. Engg./ Env. Engg. or equivalent</li> <li>• M.Sc./ M.Tech. in Physics/ Appl. Physics/ Electronics/ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Comp. Applications/ Geoinform. or equivalent/ Geo-Engg. (OR)</li> <li>• B.E./B.Tech. in Civil/ ECE/ Electron./ Electrical/ Comp. Sci./ CSE/ IT/ Geoinform. or equivalent/ Agri. Informatics/ Forest Informatics (OR)</li> <li>• Master's in Geography</li> </ul>
16.	M-PR	Satellite Image Analysis & Photogrammetry	
17.	M-WR	Water Resources	
18.	M-GI	Geoinformatics	

**Instructions for M.Tech. (including all specialisations mentioned at Sl. No. 10-18):**

- **Start date to Apply: 27.01.2023 [10:00 hrs]**                      • **Last date to Apply: 16.04.2023 [17:30 hrs]**
- **Course start date: 02.08.2023**    **Course completion: June, 2025**
  - **Number of Seats:** 60 (including all specialisations); 05 seats are reserved for Govt.-Sponsored candidate. If any seat(s) reserved for Govt.-Sponsored candidates falls vacant, it shall be allotted to the self-financed candidates based on merit list.
- **Fellowship: M.Tech. course is approved by AICTE. Eligible GATE qualified candidates will get fellowship from AICTE; Institute will facilitate in this process.**
- **Process of Application:** Only Online Applications will be considered. To apply online, visit: <https://admissions.iirs.gov.in/>. Candidate has to choose only one specialisation at the time of applying online, which cannot be changed subsequently. If the candidate wishes to apply for M.Tech. as well as P.G. Diploma, He/ she has to select the same specialisation for both the courses. **Application Fee for Govt.-Sponsored candidate: Nil; Application Fee for Self-financed (Indian) candidate: For only M.Tech. - Rs. 1,000/- (USD 100 for foreign nationals); For both M.Tech. and P.G. Diploma - Rs. 1,500/- (USD 150 for foreign nationals).** Govt.-sponsored candidates must submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in/>.
- **Course Fee: Govt.-Sponsored candidate = University Registration fee only (currently, Rs. 20,000); Self-financed (Indian) candidate = Rs.1,44,000 (IIRS fee) + University Registration fee (currently, Rs. 20,000); Foreign candidate = USD 14,400 (IIRS Fee) + University Registration fee (currently, Rs. 20,000).** Boarding & lodging charges in IIRS Hostel are extra (Rs. 4,500 per month approx.) and will have to be paid by the candidate as per the IIRS hostel rules & regulations. Further, candidates will also have to pay the amount towards health insurance as informed by IIRS subsequently.
- **Eligibility:**
  - **Age limit:** 45 yrs.
  - **Qualification:** As mentioned above for Intermediate/Pre-University and UG/PG levels. Candidate should have secured a minimum of 55% marks (or equivalent CGPA) in the qualifying degree at UG/PG level and Intermediate/ Pre-University Level (including Diploma). Further, candidate holding Master's degree in any of the subjects/disciplines mentioned above (Sl. No. 10-18) as the essential qualification for any course/specialisation should have Bachelor's degree in Science [B.Sc./B.S.] with the subjects from the

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			<p>following areas: Earth, Atmosphere, Ocean &amp; Planetary Sciences/ Physical Sciences/ Life Sciences/ Mathematical Sciences/ Chemical Sciences/ Engineering Sciences/ Geography/ Env. Science/ Computer Science (OR) Bachelor's degree in Engineering [B.E./B.Tech./B.Sc.(Engg.)].</p> <ul style="list-style-type: none"> <li>– <b>GATE qualified candidates are encouraged to apply.</b></li> <li>– Candidates in the final semester/ year of the qualifying degree can also apply under the "Result Awaited" category. For details, please read the 'Instructions for Appearing Candidates' in the 'Important Information for Candidates' section given at the end of this Calendar.</li> <li>– For Govt.-sponsored candidates, the Institute may consider relaxation in qualification/age.</li> <li>– Candidate should ensure his/her eligibility and then apply for the relevant course/ specialisation.</li> </ul> <p>• <b>Selection Process for Admission:</b></p> <ul style="list-style-type: none"> <li>– The selection of eligible self-sponsored candidates (including foreign nationals) will be based on Academic Career and Interview (online). Detailed guidelines and schedule will be published on IIRS website in due course of time.</li> <li>– Announcement of Result: Fourth week of June, 2023</li> <li>– <b>Detailed</b> schedule and guidelines will be published on IIRS website.</li> <li>– Govt.-sponsored candidates are given preference for admission.</li> </ul> <p><b>Note:</b> M.Tech. degree is presently awarded by the Andhra University, Visakhapatnam (India). Specialisation, once allotted upon selection, will not be changed during the course. Conversion from M.Tech. to P.G. Diploma in the same specialisation may be allowed for genuine reason(s), subject to approval of competent authority of the Institute and as per existing rules &amp; regulations; decision of the Institute in this regard shall be final. Candidates are advised to read the 'Important Information for Candidates' section given at the end of this Course Calendar.</p>

**IIRS-ITC JOINT EDUCATION PROGRAMME (JEP)**

			Intermediate/ Pre-University Level	UG/PG Level
19.	D-GI	Post-Graduate Diploma in Geoinformation Science & Earth Observation with specialisation in Geoinformatics	Science stream (with at least any two subjects out of Physics/ Chemistry/ Maths/ Statistics/ Biology/ Comp. Sci.)	<ul style="list-style-type: none"> <li>• M.Sc./M.Sc.(Tech.)/M.Tech. in Phy./ Appl. Phy./ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geol. / Geophy./ Geo-Engg./ Agriculture/ Horticult./ Forestry/ Env. Sci. or equivalent (<b>OR</b>)</li> <li>• B.E./B.Tech in Civil/ ECE/ Electron./ Comp. Sci./ IT/ Electrical/ Geoinform./ Agri. Engg./ Geosci./ Petrol. Engg./ Mining Engg./ Agri. Inform./ Forest Inform. or equivalent (<b>OR</b>)</li> <li>• B.Arch./ B.Plan./ M.Arch./ M.Plan. or equivalent (<b>OR</b>)</li> <li>• Master's in Geography (<b>OR</b>)</li> <li>• B.Sc. (4-years degree) in Agriculture/ Horticulture/ Forestry or equivalent (<b>OR</b>)</li> <li>• Govt. officials having B.Sc. degree</li> </ul>

**Instructions for P.G. Diploma in Geoinformation Science & Earth Observation with specialisation in Geoinformatics (D-GI, Sl. No. 19):**

- **Start date to Apply: 27.01.2023 [10:00 hrs]**
- **Course start date: 21.09.2023**
- **Number of Seats: 10**
- **Last date to Apply: 16.04.2023 [17:30 hrs]**
- **Course completion: 20.09.2024**

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			<ul style="list-style-type: none"> <li>• <b>Process of Application:</b> Only Online Applications will be considered. To apply online, visit: <a href="https://admissions.iirs.gov.in/">https://admissions.iirs.gov.in/</a>. If the candidate wishes to apply for P.G. Diploma in Geoinformatics (D-GI) as well as M.Sc. in Geoinformatics (MS-GI), he/she has to select both the courses and pay the requisite application fee. <b>Application Fee for Govt.-Sponsored candidate:</b> Nil; <b>Application Fee for Self-financed (Indian) candidate:</b> For only P.G. Diploma in Geoinformatics (D-GI) - Rs. 1,000/- (USD 100 for foreign nationals); For both P.G. Diploma in Geoinformatics (D-GI) and M.Sc. (MS-GI) - Rs. 1,500/- (USD 150 for foreign nationals). Govt.-sponsored candidates must submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <a href="https://admissions.iirs.gov.in/">https://admissions.iirs.gov.in/</a>.</li> <li>• <b>Course Fee:</b> Govt.-Sponsored candidate = Euro 450 (ITC Fee); Self-financed (Indian) candidate = Rs.80,000 (IIRS fee) + Euro 450 (ITC Fee); Foreign candidate = USD 8,000 (IIRS Fee) + Euro 450 (ITC Fee). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 4,500 per month approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations. Further, candidates will also have to pay the amount towards health insurance as informed by IIRS subsequently.</li> <li>• <b>Eligibility:</b> <ul style="list-style-type: none"> <li>– <b>Age limit:</b> 45 yrs.</li> <li>– <b>Qualification:</b> As mentioned above for Intermediate/ Pre-University (including Diploma) and UG/PG levels. Candidate should have secured a minimum of 55% marks (or equivalent CGPA) in the qualifying degree at UG/PG level and Intermediate/ Pre-University Level (including Diploma). Further, candidate holding Master's degree in any of the subjects/disciplines mentioned above (Sl. No. 19) as the essential qualification should have Bachelor's degree in Science [B.Sc./B.S.] with the subjects from the following areas: Earth, Atmosphere, Ocean &amp; Planetary Sciences/ Physical Sciences/ Life Sciences/ Mathematical Sciences/ Chemical Sciences/ Engineering Sciences/ Geography/ Env. Science/ Computer Science (OR) Bachelor's degree in Engineering [B.E./B.Tech./B.Sc.(Engg.)].</li> <li>– Candidates in the final semester/ year of the qualifying degree can also apply under the "Result Awaited" category. For details, read the 'Instructions for Appearing Candidates' in the 'Important Information for Candidates' section given at the end of this Calendar.</li> <li>– For Govt.-sponsored candidates, the Institute may consider relaxation in qualification/age.</li> <li>– Candidate should ensure his/her eligibility and then apply for the relevant course/ specialisation.</li> </ul> </li> <li>• <b>Selection Process for Admission:</b> <ul style="list-style-type: none"> <li>– The <b>selection of eligible self-sponsored candidates (including foreign nationals) will be based on Academic Career and Interview (online) performance.</b> Detailed guidelines will be published on IIRS website in due course of time.</li> <li>– Govt.-sponsored candidates are given preference for admission.</li> </ul> </li> </ul> <p><b>Note:</b> P.G. Diploma in Geoinformation Science &amp; Earth Observation with specialisation in Geoinformatics is awarded jointly by the IIRS and Faculty of Geoinformation Science &amp; Earth Observation (ITC), University of Twente, The Netherlands. Conversion from P.G. Diploma in Geoinformatics (D-GI) to M.Sc. in Geoinformatics (MS-GI) may be allowed at appropriate time during the P.G. Diploma coursework, subject to eligibility of the candidate, availability of seat, meeting other criteria as specified by the Institute, approval of the ITC/University of Twente, and as per existing rules &amp; regulations; <b>only those P.G. Diploma (D-GI) students who have also applied for M.Sc. programme (MS-GI) at the time of filing online application and who are waitlisted in the M.Sc. admission list shall be considered for the conversion from P.G. Diploma to M.Sc.;</b> Decision of the Institute in this regard shall be final. Candidates are advised to read the 'Important Information for Candidates' section given at the end of this Course Calendar.</p>

IIRS-ITC JOINT EDUCATION PROGRAMME (JEP)				
			Intermediate/ Pre-University Level	UG/PG Level
20.	MS-GI	M.Sc. in Geo-information Science & Earth Observation with specialisation in Geoinformatics	Science stream (with Maths as essential subject)	<ul style="list-style-type: none"> <li>• M.Sc./ M.Sc.(Tech.)/ M.Tech. in Phy./ Appl. Phy./ Electron./ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Geol./ Geophy./ Geo-Engg./ Agriculture/ Horticult./ Forestry/ Env. Sci. or equivalent (OR)</li> </ul>

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
		and any one subject out of Physics/ Chemistry/ Statistics/ Biology/ Comp. Science)	<ul style="list-style-type: none"> <li>• B.E./B.Tech in Civil/ ECE/ Electron./ Comp. Sci./ IT/ Electrical/ Geoinform./ Agri. Engg./ Geosci./ Petrol. Engg./ Mining Engg./ Agri. Inform./ Forest Inform. or equivalent (OR)</li> <li>• B.Arch./ B.Plan./ M.Arch./ M.Plan. or equivalent (OR)</li> <li>• Master's in Geography (OR)</li> <li>• Govt. officials having B.Sc. degree</li> </ul>

**Instructions for M.Sc. in Geoinformation Science & Earth Observation with specialisation in Geoinformatics (MS-GI, Sl. No. 20):**

- **Start date to Apply: 27.01.2023 [10:00 hrs]**
- **Course start date: 21.09.2023**
- **Number of Seats: 10**
- **Process of Application:** Only Online Applications will be considered. To apply online, visit: <https://admissions.iirs.gov.in/>. If the candidate wishes to apply for M.Sc. in Geoinformatics (MS-GI) as well as P.G. Diploma in Geoinformatics (D-GI), he/she has to select both the courses and pay the requisite application fee. **Application Fee for Govt.-Sponsored candidate: Nil; Application Fee for Self-financed (Indian) candidate:** For only M.Sc. in Geoinformatics (MS-GI) - Rs. 1,000/- (USD 100 for foreign nationals); For both M.Sc. in Geoinformatics (MS-GI) and P.G. Diploma in Geoinformatics (D-GI) - Rs. 1,500/- (USD 150 for foreign nationals). Govt.-sponsored candidates must submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in/>.
- **Course Fee: Govt.-Sponsored candidate = Euro 11,048 (ITC Fee); Self-financed (Indian) candidate = Rs.1,60,000 (IIRS fee) + Euro 11,048 (ITC Fee); Foreign candidate = USD 16,000 (IIRS Fee) + Euro 11,048 (ITC Fee).** Details of ITC Fee (Euro 11,048): Tuition Fee=Euro 6,094 + Living allowance\*=Euro 4,500 + Insurance\*= Euro 280 + Residence Permit\*=Euro 174. In addition, to and fro travel to ITC, Netherlands is to be borne by the candidate. \*For ~5 months stay in Netherlands. Boarding & lodging charges in IIRS Hostel are extra (Rs. 4,500 per month approx.) and will have to be paid by the candidate as per the IIRS hostel rules & regulations. Further, candidates will also have to pay the amount towards health insurance as informed by IIRS subsequently.
- **Eligibility:**
- **Age limit:** 45 yrs.
- **Qualification:** As mentioned above for Intermediate/Pre-University (including Diploma) and UG/PG levels. Candidate should have secured a minimum of 55% marks (or equivalent CGPA) in the qualifying degree at UG/PG level and Intermediate/ Pre-University Level (including Diploma). Further, candidate holding Master's degree in any of the subjects/disciplines mentioned above (Sl. No. 20) as the essential qualification should have Bachelor's degree in Science [B.Sc./B.S.] with the subjects from the following areas: Earth, Atmosphere, Ocean & Planetary Sciences/ Physical Sciences/ Life Sciences/ Mathematical Sciences/ Chemical Sciences/ Engineering Sciences/ Geography/ Env. Science/ Computer Science (OR) Bachelor's degree in Engineering [B.E./B.Tech./B.Sc.(Engg.)].
- Candidates in the final semester/year of the qualifying degree can also apply under the "Result Awaited" category. For details, read the 'Instructions for Appearing Candidates' in the 'Important Information for Candidates' section given at the end of this Calendar.
- For Govt.-sponsored candidates, the Institute may consider relaxation in qualification/age.
- Candidate should ensure his/her eligibility and then apply for the relevant course/ specialisation.
- **Selection Process for Admission:**
- The selection of eligible self-sponsored candidates (including foreign nationals) will be based on Academic Career and Interview (online). Detailed guidelines and schedule will be published on IIRS website in due course of time.
- **Announcement of Result:** Fourth week of June, 2023



Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
<ul style="list-style-type: none"> <li>Detailed schedule and guidelines will be published on IIRS website.</li> <li>Govt.-sponsored candidates are given preference for admission.</li> </ul> <p><b>Note:</b> M.Sc. degree in Geoinformation Science &amp; Earth Observation with specialisation in Geoinformatics is awarded by the University of Twente, The Netherlands. Conversion from M.Sc. in Geoinformatics (MS-GI) to P.G. Diploma in Geoinformatics (D-GI) may be allowed for genuine reason(s), subject to approval of competent authority of the Institute, approval of the ITC/University of Twente, and as per existing rules &amp; regulations; decision of the Institute in this regard shall be final. Candidates are advised to read the 'Important Information for Candidates' section given at the end of this Course Calendar.</p>			
<b>COURSE FOR DECISION MAKERS</b>			
21.	O-DM	Remote Sensing- An Overview for Decision Makers	<ul style="list-style-type: none"> <li>Officers of All India Services having 5 years of experience in service (<b>OR</b>)</li> <li>Senior Officials/Functionaries working in Govt. Organisations/ Academic Institutes/ Research Institutes/ Geospatial Industry/ NGOs or Entrepreneurs having 15 years of experience in service</li> </ul>
<ul style="list-style-type: none"> <li><b>Start date to Apply: 27.01.2023 [10:00 hrs]</b></li> <li><b>Course start date: 10.04.2023</b></li> <li><b>Number of Seats: 15</b> (for Indian nationals only)</li> <li><b>Process of Application:</b> Refer course flyer in IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li><b>Course Fee:</b> Rs. 16,000/- (includes boarding + lodging charges)</li> <li><b>Announcement of selection list:</b> 24.03.2023</li> <li><b>Note:</b> All seats are for Indian nationals only. Candidates nominated by the govt. organisations will be given preference for admission. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for additional details.</li> </ul> <ul style="list-style-type: none"> <li><b>Last date to Apply: 15.03.2023 [17:30 hrs]</b></li> <li><b>Course completion: 13.04.2023</b></li> </ul>			
<b>CERTIFICATE COURSE</b>			
22.	C-RS	Short Course on Remote Sensing and Image Analysis	Bachelor's degree in Sci./Engg. ( <b>OR</b> ) Government officials with Bachelor's degree in any discipline
<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.08.2023 [10:00 hrs]</b></li> <li><b>Course start date: 15.01.2024;</b></li> <li><b>Number of Seats: 30</b> (all seats for Indian Nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Govt.-sponsored candidates must submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <a href="https://admissions.iirs.gov.in/">https://admissions.iirs.gov.in/</a>. <u>Application Fee:</u> Rs. 1000/-.</li> <li><b>Course Fee:</b> 20,000 (Rs. 12,000 tuition fee + Rs. 8,000 towards registration &amp; other charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 4,500 per month approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> <li><b>Announcement of selection list:</b> 15.12.2023</li> <li><b>Note:</b> Candidates nominated by the govt. organisations will be given preference for admission. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for additional details.</li> </ul> <ul style="list-style-type: none"> <li><b>Last date to Apply: 24.11.2023 [17:30 hrs]</b></li> <li><b>Course completion: 08.03.2024</b></li> </ul>			
<b>NNRMS-ISRO SPONSORED CERTIFICATE COURSES FOR FACULTY OF UNIVERSITY (INCLUDING AFFILIATED COLLEGES) &amp; FACULTY*/SCIENTISTS*/ENGINEERS*/OFFICERS* WORKING IN GOVT. ORGANISATIONS</b>			

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
23.	N-GI	GIS Technology & Advances	P.G. Deg. in Sci./ Engg./ Geog./ Comp. App.
24.	N-WR	RS & GIS Applications in Water Resources	P.G. Deg. in Civil Engg./ Agri. Engg./ Env. Sci./ Geology or equivalent
25.	N-FE	RS & GIS Applications in Forest Resources & Ecosystem Analysis	P.G. Deg.in Bot./ Ecol./ For./ Env. Sci./ Zool./ Wildlife Sci./ Life Sci./ Biosci. or equivalent
26.	N-UR	RS & GIS Applications in Urban & Regional Studies	P.G. Deg. in Planning/ Civil Engg./ Arch./ Geog./ Geoinformatics or equivalent
27.	N-SIP	Satellite Image Analysis & Photogrammetry	P.G. Deg. in Phy./ Appl. Phy./ Maths/ Stat./ Appl. Maths/ Comp. Sci./ Civil Engg./ Electron. Engg./ Electrical Engg./ Electrical & Electron. Engg./ ECE/ Comp. Sci./ IT/ Geography/ Geoinform. or equivalent
28.	N-GS	RS & GIS Applications in Geosciences	P.G. Deg. in Geol./ Appl. Geol./ Geophy./ Earth Sci./ Geoexplor./ Petrol. Engg./ Geo-Engg./ Mining Engg./ Civil Engg./ Geog. or equivalent
29.	N-AS	RS & GIS Applications in Agriculture & Soils	P.G. Deg. in Agri./ Geog./ Env. Sci./ Agri. Engg./ Soil Cons. or equivalent
30.	N-CO	RS & GIS Applications in Coastal & Ocean Sciences	P.G. Deg.in Marine Sci./ Geol./ Oceanog./ Appl. Geol./ Env. Sci./ Geog. or equivalent
31.	N-GVW	Geocomputation and Visualization in Web Platforms	P.G. Deg. in Sci./ Engg./ Comp. App. with Bachelor's degree in Engg. or Science with Maths as a subject
32.	N-NHD	Natural Hazards and Disaster Risk Management	P.G. Deg. in Sci./ Engg./ Planning/ Geog./ Comp. App./ Disaster Mgmt. or equivalent

- **Start date to Apply: 27.01.2023 [10:00 hrs]**
- **Last date to Apply: 31.03.2023 [17:30 hrs]**
- **Course start date: 15.05.2023;**
- **Course completion: 07.07.2023**
- **Number of Seats:** 64 (all seats for Indian Nationals only)\*
- **Age Limit:** 50 yrs.
- **Process of Application:** Only Online Applications will be considered. Applicants who wish to be considered as NNRMS/ISRO-sponsored (i.e., Govt.-sponsored) candidates must submit the Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in/>. **Application Fee:** Nil
- **Course Fee:** **NNRMS/ISRO Govt.-sponsored candidate**# = Nil, **Self-financed candidate**\*\* = Rs. 20,000 (Rs. 12,000 tuition fee + Rs. 8,000 towards registration & other charges). **Boarding & Lodging:** Self-financed candidates will have to pay accommodation (Rs. 3,000 per month approx.) and food (hostel-mess) charges (approx. Rs. 4500 per month) while for Govt-sponsored candidates accommodation is free but they have to pay the food (hostel-mess) charges (Rs. 4500 per month approx.) out of living expenses paid to them, as per the IIRS hostel rules & regulations.
- **Announcement of selection list:** 18.04.2023

**Note:** The course applicant has to choose one specialisation (from Sl. No. 23-32) depending upon his/her qualification and nature/ demand of work. The applicant may choose one more alternate specialisation for which he/ she is eligible. Such applicants shall be selected for either of the chosen specialisation. However, the specialisation once allotted shall be final and shall not be changed after the allotment.

#Regular/Permanent faculty members (teachers) of UGC/AICTE approved universities & their affiliated colleges nominated by Vice Chancellor/ Principal/ Registrar/ Dean; and Regular/Permanent Faculty/Scientists/Engineers/Officers nominated by the competent authority of the Central/State Govt. organisations/institutions will be considered as NNRMS/ISRO-sponsored (i.e. Govt.-sponsored) candidates. Such candidates will be eligible for payment of TA (2<sup>nd</sup> AC train fare) and nominal living expenses by IIRS as per the provision available

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
<p>under this programme and as per rules (for details, refer course flyer on IIRS website). <u>Further, such candidates must submit Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application.</u> The template of the Nomination Form can be downloaded from <a href="https://admissions.iirs.gov.in">https://admissions.iirs.gov.in</a></p> <p>*Preference will be given to Regular/Permanent faculty members (teachers) of UGC/AICTE approved universities &amp; their affiliated colleges.</p> <p>**All such candidates who have not submitted the Nomination Form from the Competent Authority of their parent organisation/institute or those who are not entitled for being considered as NNRMS/ISRO-sponsored candidate, will be treated as Self-Financed candidates.</p> <p><b>For further details, refer the Course Flyer</b> (<a href="https://admissions.iirs.gov.in/">https://admissions.iirs.gov.in/</a>) <b>and also the following link:</b> <a href="https://www.iirs.gov.in/nnrmsponsoredcourses">https://www.iirs.gov.in/nnrmsponsoredcourses</a></p> <p><b>School teachers/ School officials are not eligible to apply for the courses mentioned above at course Sl. No. 23 to 32.</b></p>			

### SUMMER SCHOOL FOR SCHOOL STUDENTS

33.	C-SC	Usefulness of Remote Sensing & GIS for Environmental Studies	Class X-XII students
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- **Start date to Apply: 27.01.2023 [10:00 hrs]**
- **Course start date: 19.06.2023**
- **Number of Seats: 50** (only for Indian students studying within India)
- **Process of Application:** Refer course flyer on IIRS website ([www.iirs.gov.in](http://www.iirs.gov.in)) for submitting application and additional details. Application Fee: Nil
- **Announcement of selection list:** 19.05.2023
- **Course Fee:** Nil

- **Last date to Apply: 05.05.2023 [17:30 hrs]**
- **Course completion: 23.06.2023**

**Note:** Accommodation will not be provided to the participants of this course (C-SC; Sl. No. 33).

### SPECIAL COURSES

34.	SP-PR	Emerging trends in remote sensing and its applications	<ul style="list-style-type: none"> <li>• Post graduates in science/engineering <b>(OR)</b> PhD scholars/Research Fellows with post-graduation in science/engineering working in the field of Remote Sensing and Satellite Image Processing and allied fields with working experience of minimum 2 years.</li> <li>• University teachers/academics working in the field of Remote Sensing and Satellite Image Processing and allied fields with working experience of minimum 2 years. <b>(OR)</b> Geospatial Industry Professionals and professionals from related fields with working experience of minimum 2 years.</li> <li>• Note: All Candidates should have knowledge of Remote Sensing and GIS/ Geoinformatics/ Geomatics (either through Certificate/Diploma course or work experience of 2 years in this area)</li> </ul>
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- **Start date to Apply: 27.01.2023 [1000 hrs]**
- **Course start date: 17.04.2023**
- **Number of Seats: 25** (all seats for Indian nationals only)

- **Last date to Apply: 24.03.2023 [1730 hrs]**
- **Course Completion date: 28.04.2023**

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			<ul style="list-style-type: none"> <li>• <b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li>• <b>Announcement of selection list:</b> 17.03.2023</li> <li>• <b>Course Fee:</b> Rs.12,000/- (Rs. 4,000: Tuition Fee + Rs. 8,000: Registration , field work &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs.5,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in related field will be given preference for admission.</p>
35.	SP-GS-HYP	Special Course on Hyperspectral Remote Sensing for Mineral and Hydrocarbon Exploration	<ul style="list-style-type: none"> <li>• M.Sc./M.Sc.(Tech.)/ M.Tech. in Geol./ Appl. Geol./ Geophys./ Appl. Geophys/ Earth Sci. and related Geosciences disciplines</li> <li>• Candidate should have basic knowledge of Remote Sensing &amp; GIS Techniques</li> </ul>
			<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 27.01.2023 [10:00 hrs]</b></li> <li>• <b>Course start date: 10.07.2023</b></li> <li>• <b>Number of Seats:</b> 20 (all seats for Indian nationals only)</li> <li>• <b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li>• <b>Announcement of selection list:</b> 31.03.2023</li> <li>• <b>Course Fee:</b> Rs 6,500/- (Rs. 2,000: Tuition Fee + Rs. 4,500: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 2,500 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of Remote Sensing &amp; GIS Applications in Earth Sciences and related disciplines will be given preference for admission.</p>
36.	SP-DM	SAR Data Processing for Land Deformation Studies	P.G. Deg. in Science/ Engineering (Civil Engg./ Comp. Sci. & Eng./ Electron. & Commun. Engg./ Earth Sci./ Earthquake Engg./ Geo-Engg./ Mining Engg./ Petroleum Engg./ Architecture/ Planning / Geology/ Geoscience/ Geophysics/ Physics/ Mathematics/ Remote Sensing/ Geoinformatics or equivalent)
			<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 10.04.2023 [10:00hrs]</b></li> <li>• <b>Course start date: 31.07.2023;</b></li> <li>• <b>Number of Seats:</b> 25 (all seats for Indian nationals only)</li> <li>• <b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li>• <b>Announcement of selection list:</b> 30.06.2023</li> <li>• <b>Course Fee:</b> Nil (ISRO-DMSP Sponsored course under Capacity Building Programme).</li> <li>• <b>Target Group:</b> Researchers/ Scientists/ Working level professional's/ Project leaders / academicians working in the field of SAR remote sensing and highly interested in processing time-series SAR data in open sources software environment for SAR interferometric applications.</li> </ul> <p><b>Note:</b> Selected candidates will be eligible for payment of TA (2<sup>nd</sup> AC train fare), free boarding and lodging in IIRS Hostel. Such candidates must submit Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <a href="https://admissions.iirs.gov.in">https://admissions.iirs.gov.in</a>. Candidates nominated by the govt. organisations &amp; professionals working in the field of SAR remote sensing will be given preference for admission.</p>

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
37.	SP-AG	Remote Sensing and GIS Applications in Agricultural Water Management	<ul style="list-style-type: none"> <li>M.Sc . in Phy./ Agri. Phy /Agro-meteorology/Agronomy/ Soil Sci./ Plant Physiol./ Hort./ Agri. Botany/Irrigation science &amp; water technology/Soil Conservation &amp; Water Management/ Climate Change Adaptation/ Env. Sci. or equivalent</li> <li>M. Tech in Agricultural Engineering/ Irrigation Engineering / Irrigation water management</li> <li>M.Sc./M.Tech. in Remote Sensing and GIS/ Geoinformatics/ Geomatics or its equivalent with specialisation in Agricultural applications</li> </ul>
<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.05.2023 [10:00 hrs]</b></li> <li><b>Course start date: 21.08.2023;</b></li> <li><b>Number of Seats: 20</b> (all seats for Indian nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee: Nil</u></li> <li><b>Announcement of selection list</b> 21.07.2023</li> <li><b>Course Fee:</b> Rs. 12,000/- (Rs. 4,000: Tuition Fee + Rs. 8,000: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 5,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of Remote Sensing &amp; GIS Applications in Agriculture will be given preference for admission.</p>			
38.	SP-GS-MRS	Special Course on Microwave Remote Sensing for Geological Applications	<ul style="list-style-type: none"> <li>M.Sc./M.Sc.(Tech.)/M.Tech. in Geol./ Appl. Geol./ Geophys./ Appl. Geophys /Earth Sci./ Geoexplor./ Marine Geol. &amp; Geophys./ Petrol. Engg./ Geo-Engg./ Mining Engg./ Geography and equivalent (<b>OR</b>)</li> <li>B.E./B.Tech. in Civil Engg./ Geosci./ Geo-Engg./ Geoexplor./ Mining Engg./ Geol. Tech. &amp; Geoinformatics and equivalent.</li> <li>Candidate should have basic knowledge of Remote Sensing &amp; GIS Techniques</li> </ul>
<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.06.2023 [10:00 hrs]</b></li> <li><b>Course start date: 11.09.2023</b></li> <li><b>Number of Seats: 25</b> (all seats for Indian nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee: Nil</u></li> <li><b>Announcement of selection list:</b> 04.08.2023</li> <li><b>Course Fee:</b> Rs 6,500/- (Rs. 2,000: Tuition Fee + Rs. 4,500: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 2,500 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of Remote Sensing &amp; GIS Applications in Earth Sciences and related disciplines will be given preference for admission.</p>			
39.	SP-WR	Remote Sensing and GIS Applications in Hydrological Modelling and Data Assimilation	P.G. Deg. in Civil Engg./ Agri. Engg./ Water Resources/ Env. Sci./ Geology/ Hydro-informatics/ Geo-informatics/ Computer Sci./ Disaster Mgmt. or equivalent with Bachelor's degree in Engg. or Science with Maths as a subject
<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.06.2023 [10:00 hrs]</b></li> <li><b>Course start date: 18.09.2023</b></li> <li><b>Number of Seats: 20</b> (all seats for Indian nationals only)</li> </ul> <p><b>Last date to Apply: 31.07.2023 [17:30 hrs]</b> <b>Course completion: 29.09.2023</b></p>			

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
			<ul style="list-style-type: none"> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li><b>Announcement of selection list:</b> 18.08.2023</li> <li><b>Course Fee:</b> Rs. 12,000/- (Rs. 4,000: Tuition Fee + Rs. 8,000: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 5,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of water resources, hydrology and allied themes will be given preference for admission.</p>
40.	SP-SM	Remote Sensing & GIS in Predictive Soil Mapping	<ul style="list-style-type: none"> <li>M.Sc./M.Tech. in Agriculture/ Soil Science/ Agri. Engg./ Hydrology/ Civil Engg./ Env. Sci./ Agric. Statistics or equivalent</li> <li>M.Sc./M.Tech. in Remote Sensing and GIS/ Geoinformatics/ Geomatics or its equivalent with specialisation in Agricultural applications</li> </ul>
			<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.07.2023 [10:00 hrs]</b></li> <li><b>Course start date: 09.10.2023</b></li> <li><b>Number of Seats: 20</b> (all seats for Indian nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li><b>Announcement of selection list:</b> 08.09.2023</li> <li><b>Course Fee:</b> Rs. 12,000/- (Rs. 4,000: Tuition Fee + Rs. 8,000: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 5,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of Remote Sensing &amp; GIS Applications in Agriculture will be given preference for admission.</p>
41.	SP-ARC	Geospatial Technology for Archaeological Studies	<ul style="list-style-type: none"> <li>Postgraduates in science/engineering <b>(OR)</b> PhD scholars/Research Fellows with post-graduation in science/engineering working in the field of archaeology, history, geography and allied fields with working experience of minimum 2 years.</li> <li>University teachers/academics working in the field of archaeology, history geography and allied fields with working experience of minimum 2 years. <b>(OR)</b> Geospatial Industry Professionals and professionals from related fields with working experience of minimum 2 years.</li> </ul> <p>Note: All Candidates should have knowledge of Remote Sensing and GIS/ Geoinformatics/ Geomatics (either through Certificate/Diploma course or work experience of 2 years in this area)</p>
			<ul style="list-style-type: none"> <li><b>Start date to Apply: 01.08.2023 [1000 hrs]</b></li> <li><b>Course start date: 20.11.2023</b></li> <li><b>Number of Seats: 20</b> (all seats for Indian nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. <u>Application Fee:</u> Nil</li> <li><b>Announcement of selection list:</b> 20.10.2023</li> </ul>

Sl. No.	Course/ Code	Course/ Specialisation	Essential Qualification
<ul style="list-style-type: none"> <li><b>Course Fee:</b> Rs.15,000/- (Rs. 6,000: Tuition Fee + Rs. 9,000: Registration, field work &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 7,500 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in related field will be given preference for admission.</p>			
42.	SP-GS-RES	Special course on Remote Sensing and GIS data processing techniques for the young Researchers (Research Scholars/ JRF/ SRF/ RA/ Post-Doctoral Fellows) in Geosciences	M.Sc./M.Sc.(Tech.)/ M.Tech. in Geol./ Appl. Geol./ Geophys./ Appl. Geophys. and related disciplines in Geosciences
<ul style="list-style-type: none"> <li><b>Start date to Apply: 04.09.2023 [10:00 hrs]</b></li> <li><b>Course start date: 04.12.2023</b></li> <li><b>Number of Seats:</b> 30 (all seats for Indian nationals only)</li> <li><b>Process of Application:</b> <u>Only Online Applications</u> will be considered. Refer course flyer on IIRS website (<a href="http://www.iirs.gov.in">www.iirs.gov.in</a>) for submitting application and additional details. Application Fee: Nil</li> <li><b>Announcement of selection list:</b> 03.11.2023</li> <li><b>Course Fee:</b> Rs 12,000/- (Rs. 4,000: Tuition Fee + Rs. 8,000: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Hostel are extra (Rs. 5,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul> <p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the field of Remote Sensing &amp; GIS Applications in Earth Sciences and related disciplines will be given preference for admission.</p>			

### **Important Information for Candidates**

- **Only Online Applications will be considered**, except for the O-DM course (Sl. No. 21) and C-SC course (Sl. No. 33).
- **Application Fee for Courses at Sl. No. 1 to 20, 22:** For Indian nationals – Rs. 1,000\*; For Foreign nationals – USD 100\*.
  - Fee should be paid online.
  - \*Candidate applying for both P.G. Diploma (Sl. No. 1-9) and M.Tech. (Sl. No. 10-18) will have to pay the Application Fee Rs. of 1500/- (USD 150 for foreign nationals). Candidate has to choose only one specialisation at the time of applying online, which cannot be changed subsequently. Further, if the candidate wishes to apply for P.G. Diploma as well as M.Tech., he/she has to select the same specialisation for both the courses, and pay the requisite application fee.
  - \*Candidate applying for both P.G. Diploma in Geoinformatics (D-GI; Sl. No. 19) and M.Sc. in Geoinformatics (MS-GI; Sl. No. 20) will have to pay the Application Fee Rs. of 1500/- (USD 150 for foreign nationals). Further, if the candidate wishes to apply for P.G. Diploma in Geoinformatics (D-GI) as well as M.Sc. in Geoinformatics (MS-GI), he/she has to select both the courses, and pay the requisite application fee.
- **Instructions for Appearing Candidates:**
  - Candidates in the final semester/year of the qualifying degree can also apply for the P.G. Diploma, M.Tech. and M.Sc. courses (mentioned above at Sl. No. 1 to 20) under the “Result Awaited” category. However, such candidates must submit the proof of marks/grades (cumulative marks/CGPA) till the pre-final semester/year at the time of submitting the online application, without which the application will be treated as incomplete and will be rejected.
  - Admission of such appearing candidates, if selected, will be provisional and they will have to submit the marksheets/ certificates of final semester/year on the date of reporting as informed by IIRS. In case these documents are not available by that time (applicable for appearing candidates only), then the candidate must submit a Certificate in original from the Competent Authority of his/her Institute to IIRS on the date of reporting stating that: (i) he/she has appeared for examination in all subjects required for obtaining his/her qualifying degree; and (ii) he/she has obtained requisite marks [i.e. 55% or equivalent upto pre-final semester/year]. However, admission of such candidates will be provisional and they shall have to submit the marksheets/certificates of final semester/year (proving the possession of minimum qualification as per the requirement of the course) within one month from the date of reporting. Non-fulfilment of this condition shall automatically result in the cancellation of the provisional admission.
- **Instructions for Government-sponsored Candidates:**
  - Government-sponsored candidate means only the Permanent Employee nominated by a Govt. organisation in India (Central or State Government Ministries/Departments or Autonomous Institutions and State or Central Govt.-funded Universities). Nominating organisations are required to meet all expenses viz., traveling allowance, daily allowance, contingent expenses, medical expenses, etc. for their candidates.
  - Courses at Sl. Nos. 21, 22, 34-42 are paid courses for all, including candidates nominated by the Government organisations.
  - **Government-sponsored candidates must submit the Nomination Form from the Competent Authority of their parent organisation/ institute at the time of submitting the online application.** The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in>.
  - In case of NNRMS-ISRO sponsored courses (Sl. No. 23 to 32), Regular/Permanent faculty members (teachers) of UGC/AICTE approved universities & their affiliated colleges nominated by Vice Chancellor/ Principal/ Registrar/ Dean; and Regular/Permanent Faculty/Scientists/Engineers/Officers nominated by the competent authority of the Central/State Govt. organisations/institutions will be considered as NNRMS/ISRO-sponsored candidates. Such candidates will be eligible for payment of TA (2<sup>nd</sup> AC train fare) and nominal living expenses by IIRS as per the provision available under this programme and as per rules. Further, such candidates must submit Nomination Form from the Competent Authority of their parent organisation/institute at the time of submitting the online application. The template of the Nomination Form can be downloaded from <https://admissions.iirs.gov.in>. All such candidates who have not submitted the Nomination Form from the Competent Authority of their parent organisation/institute or those who are not entitled for being considered as NNRMS/ISRO-sponsored candidates, will be treated as Self-Financed candidates. School Teachers and School Officials are not eligible to apply for this course.
- **Submission and Verification of Documents:**



- All documents submitted by the candidates at the time of submitting online application for admission in any of the courses shall be verified by IIRS with originals on the date of reporting. Further, all selected candidates have to submit one set of self-attested copies of documents on the date of reporting.
- Candidates joining the M.Tech. course have to submit the original Migration/Transfer certificate from the institution last studied within one month from the date of reporting.
- Candidate should ensure his/her eligibility and then apply for the relevant course(s). Incomplete application (including non-payment of application fee, wherever applicable) will be summarily rejected.
- Course fee and other expenditure are likely to change as per IIRS and collaborating University's/ Institute's policy.
- **Payment of Fee:**
  - Self-financed candidates, if selected in courses mentioned at Sl.No. 1 to 20 of this calendar, have to make an advance payment of 1<sup>st</sup> year fee (i.e. two semesters) of IIRS component on or before the last date given by the Institute (IIRS) for confirmation of seat, failing which seats will be offered to the wait-listed candidates. Remaining course fee (applicable for M.Tech. & M.Sc. courses) will have to be paid before the start of 2<sup>nd</sup> year (or 3<sup>rd</sup> semester) as per the fee deposit rules of IIRS. Andhra University fee (applicable for candidates admitted to M.Tech. programme, i.e. Sl. No. 10 to 18) will have to be paid along with the 1<sup>st</sup> year fee. ITC fee (applicable for candidates admitted under the IIRS-ITC JEP, i.e. Sl. No. 19 to 20) will have to be paid on or before the date specified by ITC. Refund of fee on account of withdrawal/ cancellation of admission shall be governed by the fee refund policy of IIRS (available on website).
  - For courses at Sl. No. 21, 22, 34–42 (both Government-sponsored & self-financed candidates) and Sl. No. 23–32 (for self-financed candidates), full fee has to be paid on or before the date specified by IIRS prior to the commencement of the course, for confirmation of seat, failing which seats will be offered to the wait-listed candidates.
  - Waitlisted candidates shall have to give confirmation within given deadline and if offered a seat, they will have to pay applicable fee within a short deadline (usually 2-3 days or as informed by IIRS), failing which the seat will be offered to the next candidate.
  - Refund of fee will be governed by the fee refund policy of IIRS (available on website). Last date given by IIRS to the candidate for payment of course fee for confirmation of seat shall be the “formally notified last date of admission” for refund of fee and other purposes.
  - **No extension shall be given under any circumstances for payment of applicable fee.**
- Boarding and lodging charges in IIRS Hostel are extra and currently vary between Rs. 4,500/- to Rs. 6,000- per month. Local candidates will be considered for hostel accommodation, only if available.
- Increase and decrease in number of seats and age/qualification relaxation for candidates nominated by the govt. organisations 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 academic record, relevant experience, etc. **Government-sponsored candidates will be given preference for admission.**
- If the date of course commencement or any other date mentioned here falls on a holiday, course will start from next working day.
- The medium of instructions in the courses is English.

To apply online, please visit <https://admissions.iirs.gov.in>. For any further details, contact: Head, Academics, Indian Institute of Remote Sensing, ISRO, 4 Kalidas Road, Dehradun-248001, Uttarakhand, India. Tel: +91-135-2524122; E-mail: [academics@iirs.gov.in](mailto:academics@iirs.gov.in). OR Dean (Academics), Indian Institute of Remote Sensing, ISRO, 4 Kalidas Road, Dehradun-248001, Uttarakhand, India. Tel: +91-135-2524136; E-mail: [deanacademics@iirs.gov.in](mailto:deanacademics@iirs.gov.in). Visit [www.iirs.gov.in](http://www.iirs.gov.in) for other details. **Correspondence will generally be done through e-mail. Therefore, all candidates are advised to regularly check their registered email-ID and visit IIRS website frequently for regular updates.**