

# INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

## Calendar of Training Course 2024-25

[Updated on March 14, 2024]

### 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	01.08.2024	18.07.2025	30	2
10 - 18	M.Tech. in Remote Sensing & GIS	01.08.2024	17.07.2026	60	4
19	Post-Graduate Diploma in Geo-information Science & Earth Observation with specialisation in Geoinformatics	19.09.2024	18.09.2025	10	6
20	M.Sc. in Geo-information Science & Earth Observation with specialisation in Geoinformatics	19.09.2024	14.08.2026	10	7
21	Remote Sensing- An Overview for Decision Makers	10.09.2024	13.09.2024	15	8
22	Certificate Course on Remote Sensing and Image Analysis	13.01.2025	07.03.2025	20	8
23 – 31	ISRO Sponsored NNRMS Faculty Development Program on 'Remote Sensing & GIS Technology and Applications'	13.05.2024	05.07.2024	64	9
32	Remote Sensing & GIS for Environmental Studies (Summer School for School Students)	10.06.2024	14.06.2024	50	10
<b>SPECIAL COURSES</b>					
33	Cloud Computing using GEE for Spatio-temporal Data Analysis	29.04.2024	03.05.2024	20	10
34	Open Source GIS Technologies (Skill Development programme)	15.07.2024	26.07.2024	20	11
35	High Resolution Data Analysis for Automated Feature Extraction	22.07.2024	26.07.2024	20	11
36	Remote Sensing and GIS Applications in Agricultural Water Management	19.08.2024	30.08.2024	20	11
37	Hyperspectral and Microwave Remote Sensing for Terrestrial and Planetary Geological Studies	02.09.2024	13.09.2024	20	12
38	Geospatial Applications for Atmospheric and Oceanic Hazards	09.09.2024	13.09.2024	20	12
39	UAV Remote Sensing and its Applications	23.09.2024	27.09.2024	20	12
40	SAR Remote Sensing Technologies and its Applications	07.10.2024	25.10.2024	20	13
41	Remote Sensing Data Analytics in Agriculture	18.11.2024	29.11.2024	20	13
42	Remote Sensing & GIS in Digital Soil Mapping	02.12.2024	13.12.2024	20	14
<b>Important Information for Candidates</b>					15

## 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>				
			<b>Intermediate/ Pre-University Level (including Diploma)</b>	<b>UG/PG Level</b>
1.	D-AS	Agriculture & Soils	Science stream (with at least any two subjects out of Physics/ Chemistry/ Maths/ Statistics/ Biology/ Computer Science)	<ul style="list-style-type: none"> <li>• M.Sc. in Agriculture / Agronomy/ Agri. Physics/ Soil Sci./ Agro-meteorology/ Entomology/ Pathology/ Plant Physiology/ Horticulture/ Agri. Botany/ Soil Conservation &amp; Water Mgmt./ Agriculture Analytics/ Climate Change Adaptation/ Environment Science 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./ Bioscience/ Zoology/ Env. Science/ 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/ Biotechnology/ Forest Biotechnology/ 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; Geo-informatics or equivalent</li> </ul>
4.	D-NHD	Natural Hazards & Disaster Risk Management		<ul style="list-style-type: none"> <li>• Masters in Disaster Mgmt./ Nat. Res. Mgmt./ Env. Mgmt./ Meteorology/ Phy./ Maths./ Botany/ Zool./ Geol./ Earth Sci./ Env. Sci./ Marine Sci./ Atm. Sci./ Agri./ Forestry/ Geography or equivalent (<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	Science stream (with Maths as essential subject and any one subject out of Physics/ Chemistry/ Statistics/	<ul style="list-style-type: none"> <li>• M.Sc. in Marine Sci./ Earth Sci./ Phy./ Oceanog./ Meteor./ Atm. Sci./ Env. Sci./ Maths or equivalent (<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/ Data Science/AI-ML/Geography/ Geoinform. or equivalent (<b>OR</b>)</li> <li>• B.E./B.Tech. in Civil/ Electronics/ Electrical/ Electrical &amp; Electronics/ ECE/ Comp. Sci./ IT/ Data Science/AI/- ML/ Geoinform. or equivalent</li> </ul>

8.	D-WR	Water Resources	Biology/ Comp. Science)	<ul style="list-style-type: none"> <li>• M.Sc./M.Sc.(Tech.)/ M.Tech. in Agri. Engg./ Civil Engg./ Hydrology/ Water Res. Engg./ Water Res. Mgmt./ Hydroinformatics/ Geoinformatics /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./ Geo-informatics or equivalent</li> </ul>
9.	D-SDS	Spatial Data Science		<ul style="list-style-type: none"> <li>• Masters in Comp. Sci./ IT/ Computer Appl./ Physics/ Allied Sciences/ Maths/ Appl. Maths/ Stat./ Geography/ Geology/ Urban/ Climate/ Environment Science/ Geo-informatics or equivalent (OR)</li> <li>• B.E./B.Tech. in Comp. Sci./ IT/ Civil/ Electronics/ Geo-informatics. or equivalent (OR)</li> <li>• B.Sc. (4-years degree) in Agriculture/ Forestry</li> </ul>

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

- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Course start date: 01.08.2024**
- **Number of Seats: 30**
- **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 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/>. **Application Fee is non-refundable.**
- **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 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. (As on date of start of the course)
  - **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 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:**
  - Admission for the course is based on Entrance test, Interview and Academic records. Government sponsored candidates are exempted from written test and they have to appear only for interview. Other candidates need to appear for Entrance examination followed by Interview.
  - Entrance Test are likely to be held at Bengaluru, Dehradun, Delhi, Hyderabad, Jodhpur, Kolkata, Nagpur, Shillong and Thiruvananthapuram **during April-May 2024.**
  - Announcement of Result: Second week of June, 2024
  - Detailed schedule and guidelines will be published on IIRS website
  - Govt.-sponsored candidates are given preference for admission.

- Note:** 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 & regulations; **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.;** 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.

### 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 Geography / Pathology/ Plant Physiol./ Horticulture/ Agri. Botany/ Soil Conservation &amp; Water Mgmt./ Agriculture Analytics/ 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-years degree) in Agriculture/ Horticulture/ Sericulture or equivalent <b>(OR)</b></li> </ul>
11.	M-FE	Forest Resources & Ecosystem Analysis		<ul style="list-style-type: none"> <li>M.Sc. in Forestry/ Ecology/ Botany/ Wildlife Sci./ Bioscience/ Zoology/ Env. Sci./ Env. Mgmt./ Geography/ Nat. Res. Mgmt./ Life Sci./ Plant Sci. <b>(OR)</b></li> <li>B.Sc. (4-year degree) in Forestry <b>(OR)</b></li> <li>B.E./B.Tech. in Biotechnology/ Forest Biotechnology/ Bioinformatics/ Environmental Engg.</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. Geo-exploration/ 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./ Geo-exploration/ Mining Engg./ Geol. Tech. &amp; Geoinformatics or 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./ Meteorology/ Phy./ Maths./ Botany/ Zool./ Geol./ Earth Sci./ Env. Sci./ Geography/ Marine Sci./ Atm. Sci./ Agri./ Forestry <b>(OR)</b></li> <li>B.Arch./ B.Plan./ M.Plan. <b>(OR)</b></li> <li>B.E./ B.Tech. in Civil Engg./ Env. Engg./ Geosci./ Geoexplor./ Geo-Engg./ Geoinformatics/ Earthquake Engg</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 <b>(OR)</b></li> <li>B.Plan./ B.Arch. or equivalent <b>(OR)</b></li> <li>B.E./B.Tech. in Civil/ Comp. Sci./ Geoinform. or equivalent</li> </ul>
15.	M-MS	Marine & Atmospheric Sciences		<ul style="list-style-type: none"> <li>M.Sc. in Marine Sci./ Earth Sci./ Phy./ Geography/ Oceanog./ Meteor./ Atm. Sci./ Env. Sci./ Maths or equivalent</li> </ul>
16.	M-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/ Data Science/AI-ML/ Geography/ Geoinform. or equivalent <b>(OR)</b></li> <li>B.E./B.Tech. in Civil/ Electronics/ Electrical/ Electrical &amp; Electron./ ECE/ Comp. Sci./ IT/ Data Science/AI-ML/ Geoinform. or equivalent</li> </ul>
17.	M-WR	Water Resources	<ul style="list-style-type: none"> <li>M.Sc./M.Sc.(Tech.)/ M.Tech. in Agril. Engg./ Civil Engg./ Hydrology/ Water Res. Engg./ Water Res. Mgmt./ Hydroinformatics/ Geoinformatics/ Geol./ Env. Sci./ Soil &amp; Water Conservation/ Natural Resources Mgmt. or equivalent <b>(OR)</b></li> <li>B.E./ B.Tech. in Civil Engg./ Agri. Engg./ Water Res. Engg./ Env. Engg./ Geoinformatics or equivalent</li> </ul>	

18.	M-GI	Geoinformatics	<ul style="list-style-type: none"> <li>• M.Sc./ M.Tech. in Physics/ Appl. Physics/ Electronics/ Maths/ Appl. Maths/ Stat./ IT/ Comp. Sci./ Comp. Applications/ Geoinform. / Geo-Engg./Geography or equivalent (OR)</li> <li>• B.E./B.Tech. in Civil/ ECE/ Electronics/ Electrical/ Comp. Sci./ CSE/ IT/ Geoinform. / Agri. Informatics/ Forest Informatics or equivalent</li> </ul>
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**Instructions for M.Tech. (including all specialisations mentioned at Sl. No. 10-18):**

- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Course start date: 01.08.2024**
- **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 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/>. **Application Fee is non-refundable.**
- **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 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. (As on date of start of the course)
  - **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 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.)].
  - **GATE qualified candidates are encouraged to apply.**
  - 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.
  - 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:**
  - Admission for the course is based on Entrance test, Interview and Academic records. Government-sponsored candidates are exempted from written test and they have to appear only for interview. Other candidates need to appear for Entrance examination followed by Interview.
  - Entrance Test are likely to be held at Bengaluru, Dehradun, Delhi, Hyderabad, Jodhpur, Kolkata, Nagpur, Shillong and Thiruvananthapuram during **April-May 2024.**
  - Announcement of Result: Second week of June, 2024.
  - Detailed schedule and guidelines will be published on IIRS website.
  - Govt.-sponsored candidates are given preference for admission.

**Note:** M.Tech. degree is presently awarded by 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 same specialisation may be allowed for genuine reason(s), subject to approval of competent authority of the Institute and as per existing rules & regulations; decision of the Institute in this regard shall be final. Candidates are advised to read 'Important Information for Candidates' section given at the end of this Course Calendar.

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

			Intermediate/ Pre-University Level	UG/PG Level
19.	D-GI	Post-Graduate Diploma in Geo-information Science & Earth Observation with specialisation in Geoinformatics  (The conduct of program is subject to approval)	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 (OR)</li> <li>• B.E./B.Tech. in Civil/ ECE/ Electronics/ 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>• B.Sc. (4-years degree) in Agriculture/ Horticulture/ Forestry or equivalent (OR)</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: 15.01.2024 [10:00 hrs]**
- **Course start date: 19.09.2024**
- **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 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. **Application Fee:** 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 <https://admissions.iirs.gov.in/>. **Application Fee is non-refundable.**
- **Course Fee:** Govt.-Sponsored candidate = Euro 550 (ITC Fee); Self-financed (Indian) candidate = Rs.80,000 (IIRS fee) + Euro 550 (ITC Fee); Foreign candidate = USD 8,000 (IIRS Fee) + Euro 550 (ITC Fee). Boarding & lodging charges in IIRS Hostel are extra 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. (As on date of start of the course)
  - 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. 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 & 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:**

- Admission for the course is based on Entrance test, Interview and Academic records. Government sponsored candidates are exempted from written test and they have to appear only for interview. Other candidates need to appear for Entrance examination followed by Interview.
- Entrance Test are likely to be held at Bengaluru, Dehradun, Delhi, Hyderabad, Jodhpur, Kolkata, Nagpur, Shillong and Thiruvananthapuram during April-May 2024.
- Announcement of Result: Second week of June, 2024
- Detailed schedule and guidelines will be published on IIRS website
- Govt.-sponsored candidates are given preference for admission.

**Note:** P.G. Diploma in Geoinformation Science & Earth Observation with specialisation in Geoinformatics is awarded jointly by the IIRS and Faculty of Geoinformation Science & 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 & regulations; **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.;** 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.

### 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  (The conduct of the program is subject to approval)	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./ 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./Geography or equivalent (<b>OR</b>)</li> <li>B.E./B.Tech in Civil/ ECE/ Electronics/ 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>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: 15.01.2024 [10:00 hrs]**
- Course start date: 19.09.2024**
- 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 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/>. **Application Fee is non-refundable.**
- Course Fee:** Govt.-Sponsored candidate = Euro 11,890 (ITC Fee); Self-financed (Indian) candidate = Rs.1,60,000 (IIRS fee) + Euro 11,890 (ITC Fee); Foreign candidate = USD 16,000 (IIRS Fee) + Euro 11,890 (ITC Fee). Details of ITC Fee (Euro 11,890): Tuition Fee=Euro 6,375 + Living allowance\*=Euro 5,000 + Insurance\*= Euro 275 + Residence Permit\*=Euro 240. 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 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. (As on date of start of the course)
- **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:**
  - Admission for the course is based on Entrance test, Interview and Academic records. Government sponsored candidates are exempted from written test and they have to appear only for interview. Other candidates need to appear for Entrance examination followed by Interview.
  - Entrance Test are likely to be held at Bengaluru, Dehradun, Delhi, Hyderabad, Jodhpur, Kolkata, Nagpur, Shillong and Thiruvananthapuram during April-May 2024. Schedule and guidelines will be published on IIRS website.
  - Announcement of Result: Second week of June, 2024
  - Detailed schedule and guidelines will be published on IIRS website
- Govt.-sponsored candidates are given preference for admission.

**Note:** M.Sc. degree in Geoinformation Science & 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 & 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.

#### COURSE FOR DECISION MAKERS

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>
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- **Start date to Apply: 01.04.2024 [10:00 hrs]**
- **Course start date: 10.09.2024**
- **Number of Seats:** 15 (for Indian nationals only)
- **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
- **Course Fee:** Rs. 16,000/- (includes boarding + lodging charges)
- **Announcement of selection list: 12.08.2024**
- **Note:** 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 ([www.iirs.gov.in](http://www.iirs.gov.in)) for additional details.

#### CERTIFICATE COURSE



22.	C-RS	Certificate Course on Remote Sensing and Image Analysis	M.Sc./B.Tech./B.E. (OR) Government officials with Bachelor's degree in any discipline Masters in Geography
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- **Start date to Apply: 01.08.2024 [10:00 hrs]**
- **Course start date: 13.01.2025**
- **Number of Seats: 20** (all seats for Indian Nationals only)
- **Process of Application:** Only Online Applications 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 <https://admissions.iirs.gov.in/>.
- **Application Fee:** Rs. 500/-. **Application Fee is non-refundable.**
- **Course Fee:** 20,000 (Rs. 12,000 tuition fee + Rs. 8,000 towards registration & other charges). Boarding & lodging charges in IIRS Golden Jubilee Hostel are extra and will have to be paid by the candidate as per the IIRS hostel rules & regulations.
- **Announcement of selection list:** 13.12.2024
- **Note:** Candidates nominated by the govt. organisations will be given preference for admission. Refer course flyer on IIRS website ([www.iirs.gov.in](http://www.iirs.gov.in)) for additional details.

**ISRO SPONSORED NNRMS FACULTY DEVELOPMENT PROGRAM ON 'REMOTE SENSING & GIS TECHNOLOGY AND APPLICATIONS' FOR FACULTY OF UNIVERSITY (INCLUDING AFFILIATED COLLEGES) & FACULTY/SCIENTISTS/ ENGINEERS/OFFICERS WORKING IN GOVT. ORGANISATIONS**

23.	N-GI	GIS Technology & Big Data Analytics	P.G. Deg. in Sci./ Engg./ Geog./ Comp. App.
24.	N-WR	RS & GIS Applications in Water Resources Studies	P.G. Deg. in Civil Engg./ Agri. Engg./ Env. Sci./ Geology or equivalent
25.	N-FE	RS & GIS Applications in Forest and Ecosystem Studies	P.G. Deg.in Bot./ Ecol./ Forestry/ 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-IA	Image Analysis & Terrain Modelling	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-EP	RS & GIS Applications in Earth and Planetary Studies	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 & Soil Studies	P.G. Deg. in Agri./ Geog./ Env. Sci./ Agri. Engg./ Soil Cons. or equivalent
30.	N-AO	RS & GIS Applications in Atmospheric and Ocean Studies	P.G. Deg.in Marine Sci./ Earth Sci / Geol./Oceanog./ Appl. Geol./ Env. Sci./ Phy/Meteor/Atmos. Sci./Geog. or equivalent
31.	N-DC	Disaster and Climate Change Studies	P.G. Deg. in Sci./ Engg./ Planning/ Geog./ Comp. App./ Disaster Mgmt. or equivalent

- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Course start date: 13.05.2024**
- **Number of Seats: 64** (all seats for Indian Nationals only)
- **Age Limit:** 50 yrs. (As on date of start of the course)
- **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:** Rs. 500.00 **Application Fee is non-refundable.**
- **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 bear their own travel cost, hostel accommodation and their own food expenses. Govt-sponsored candidates are eligible for reimbursement of 2<sup>nd</sup> AC train fare travel, living allowance and would be provided free hostel accommodation as per provisions available under the program and as per rules. However, Govt. sponsored candidates have to bear their own food expenses. There is no cooking facility provided in IIRS hostels however, IIRS students run hostel mess in IIRS campus. NNRMS participants can also avail the hostel mess facility at charges fixed by student's mess or their own choice of arrangement.

- **Announcement of selection list:** 19.04.2024

**Note:** The course applicant has to choose one specialisation (from Sl. No. 23-31) depending upon his/her qualification and nature/ demand of work. The applicant may choose one additional alternate specialisation as per qualification eligibility. Such applicants shall be selected for either of the chosen specialisation. However, the specialisation once allotted shall be final and will 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 under this programme and as per rules (for details, refer course flyer on IIRS website). 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>

Preference will be given to Regular/Permanent faculty members (teachers) of UGC/AICTE approved universities & their affiliated colleges.

\*\*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.

**For further details, refer the Course Flyer (<https://admissions.iirs.gov.in/>) and also the following link: <https://www.iirs.gov.in/nnrmsponsoredcourses>**

### SUMMER SCHOOL FOR SCHOOL STUDENTS

32.	C-SC	<b>Remote Sensing &amp; GIS for Environmental Studies</b>	Class X-XII students
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- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Course start date: 10.06.2024**
- **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: 10.05.2024**
- **Course Fee: Nil**

- **Last date to Apply: 26.04.2024 [17:30 hrs]**
- **Course completion: 14.06.2024**

**Note:** Accommodation will not be provided to the participants of this course (C-SC; Sl. No. 32).

### SPECIAL COURSES

33	SP-GIS	<b>Cloud Computing using GEE for Spatio-temporal Data Analysis</b>	<ul style="list-style-type: none"> <li>• Post-graduate in Science/Engineering</li> <li>• Prerequisite: Working knowledge of geospatial data and computer programming</li> </ul>
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- **Start date to Apply: 15.01.2024 [10:00 hrs.]**
- **Course start date: 29.04.2024**
- **Number of Seats: 20** (all seats for Indian nationals only)
- **Process of Application:** Only Online Applications will be considered. Refer course flyer on IIRS website ([www.iirs.gov.in](http://www.iirs.gov.in)) for submitting application and additional details.
- **Application Fee: Rs. 500/- (Application Fee is non-refundable.)**

- **Last date to Apply: 03.03.2024 [17:30 hrs.]**
- **Course completion: 03.05.2024**

- **Announcement of selection list: 01.04.2024**
- **Course Fee:** Rs. 6,500/- (Rs. 2,000: Tuition Fee + Rs. 4,500: Registration & Other Charges). Boarding & lodging charges in IIRS Golden Jubilee Hostel are extra and will have to be paid by the candidate as per the IIRS hostel rules & regulations.

**Note:** Candidates nominated by the govt. organisations & professionals working in the related field will be given preference for admission.

34	SP-OGIS	<b>Open Source GIS Technologies (Skill Development programme)</b>	Graduate in Engineering or Post Graduate in Science (Computer Science/ Mathematics/ Physics/Geo-informatics/ RS&GIS/ Comp. Applications/ Any thematic applications or equivalent) OR Diploma in Engineering with at least three years working experience in related areas.  <b>Hybrid Course : One week (15.07.2024- 19.07.2024 ) Online and one week (22.07.2024-26.07.2024) in-campus</b>
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- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Last date to Apply: 19.05.2024 [17:30 hrs]**
- **Course start date: 15.07.2024;**
- **Course completion: 26.07.2024**
- **Number of Seats: 20** (all seats for Indian nationals only)
- **Process of Application:** Only Online Applications will be considered. Refer course flyer on IIRS website ([www.iirs.gov.in](http://www.iirs.gov.in)) for submitting application and additional details.
- **Application Fee:** Rs. 500/- (**Application Fee is non-refundable.**)
- **Announcement of selection list: 17.06.2024**
- **Course Fee:** Rs. 8,500/- (Rs. 4,000: Tuition Fee + Rs. 4,500: Registration & Other Charges). Boarding & lodging charges in IIRS Golden Jubilee Hostel are extra and will have to be paid by the candidate as per the IIRS hostel rules & regulations.

**Note:** Candidates nominated by Govt. Organisations & Professionals working in the field of Remote Sensing & GIS in industries/start-ups/NGOs etc. will be given preference for admission.

35	SP-HR	<b>High Resolution Data Analysis for Automated Feature Extraction</b>	<ul style="list-style-type: none"> <li>• Post-graduate in Science/Bachelors in Engineering (OR)</li> </ul> Note: Candidate should have basic knowledge of Remote Sensing and GIS/ Geoinformatics/ Geomatics
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- **Start date to Apply: 15.01.2024 [10:00 hrs]**
- **Last date to Apply: 26.05.2024 [17:30 hrs]**
- **Course start date: 22.07.2024**
- **Course completion: 26.07.2024**
- **Number of Seats: 20** (all seats for Indian nationals only)
- **Process of Application:** Only Online Applications will be considered. Refer course flyer on IIRS website ([www.iirs.gov.in](http://www.iirs.gov.in)) for submitting application and additional details. Application Fee: Rs. 500/- (**Application Fee is non-refundable.**)
- **Announcement of selection list: 24.06.2024**
- **Course Fee:** Rs. 6,500/- (Rs. 2,000: Tuition Fee + Rs. 4,500: Registration & Other Charges). Boarding & lodging charges in IIRS Golden Jubilee Hostel are extra (Rs. 7,000 approx.) and will have to be paid by the candidate as per the IIRS hostel rules & regulations.

**Note:** Candidates nominated by the govt. organisations & professionals working in the related field are given preference for admission.

36	SP-AG	<b>Remote Sensing and GIS Applications in Agricultural Water Management</b>	<ul style="list-style-type: none"> <li>• M.Sc. in Agrometeorology/ Agril. Meteorology/ Agri. Phy./ Agronomy/ Soil Sci./ Plant Physiol./ Hort./ Plant Protection/ Agri. Botany/ Agri. Analytics/ Climate Change Adaptation/ Env. Sci. or equivalent in Agricultural Science</li> <li>• M.Tech. in Agricultural Engg./ Irrigation Engg./ Irrigation Water Management/ Irrigation Science &amp; Water Technology/ Hydrological Engg./ Soil Conservation &amp; Water Management/ Food Science &amp; Technology or equivalent with specialization in Agricultural applications</li> </ul>
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<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 01.04.2024 [10:00 hrs]</b></li> <li>• <b>Course start date: 19.08.2024</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: Rs. 500/- <b>Application Fee is non-refundable.</b></u></li> <li>• <b>Announcement of selection list: 22.07.2024</b></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 Golden Jubilee Hostel are extra (Rs. 7,000 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>				<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 23.06.2024 [17:30 hrs]</b></li> <li>◦ <b>Course completion: 30.08.2024</b></li> </ul>							
37	SP-GS	<b>Hyperspectral and Microwave Remote Sensing for Terrestrial and Planetary Geological Studies</b>	<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: 01.04.2024 [10:00 hrs.]</b></li> <li>• <b>Course start date: 02.09.2024</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: Rs. 500/-</u></li> <li>• <b>Announcement of selection list: 05.08.2024</b></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 Golden Jubilee Hostel are extra 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>						<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 07.07.2024 [17:30 hrs]</b></li> <li>◦ <b>Course completion: 13.09.2024</b></li> </ul>					
38	SP-AOH	<b>Geospatial Applications for Atmospheric and Oceanic Hazards</b>	Post-graduate in Marine Sci./ Earth Sci. / Oceanography/ Appl. Geol./ Env. Sci./ Physics/Meteorology/Atmos. Sci./Geography or equivalent								
<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 01.04.2024 [10:00 hrs]</b></li> <li>• <b>Course start date: 09.09.2024;</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: Rs. 500/- <b>Application Fee is non-refundable.</b></u></li> <li>• <b>Announcement of selection: 12.08.2024</b></li> <li>• <b>Course Fee:</b> Rs. 6,500/- (Rs. 4,000: Tuition Fee + Rs. 2,500: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Golden Jubilee Hostel are extra 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 Atmospheric and Ocean sciences will be given preference for admission.</p>						<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 14.07.2024 [17:30 hrs]</b></li> <li>◦ <b>Course completion: 13.09.2024</b></li> </ul>					

39	SP-URS	<b>UAV Remote Sensing and its Applications</b>	<ul style="list-style-type: none"> <li>• Post-graduate in Science/Bachelors in engineering</li> </ul> <p>Note: All Candidates should have basic knowledge of Remote Sensing and GIS/ Geoinformatics/ Geomatics</p>
<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 01.04.2024 [10:00 hrs]</b></li> <li>• <b>Course start date: 23.09.2024</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. <b>Application Fee: Rs. 500/- <u>Application Fee is non-refundable.</u></b></li> <li>• <b>Announcement of selection list: 26.08.2024</b></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 Golden Jubilee Hostel are extra 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 govt. organisations &amp; professionals working in related field of Remote Sensing &amp; GIS Applications in Agriculture will be given preference for admission.</p>			<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 28.07.2024 [17:30 hrs]</b></li> <li>◦ <b>Course completion: 27.09.2024</b></li> </ul>
40.	SP-PR	<b>SAR Remote Sensing Technologies and its Applications</b>	<ul style="list-style-type: none"> <li>• Post graduates in science/Bachelors in engineering OR</li> <li>• Bachelors in Science for working professionals</li> <li>• Note: All Candidates should have basic knowledge of Remote Sensing and GIS/ Geo-informatics/ Geomatics</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 01.04.2024 [1000 hrs]</b></li> <li>• <b>Course start date: 07.10.2024</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. <b>Application Fee: Rs. 500/- <u>Application Fee is non-refundable.</u></b></li> <li>• <b>Announcement of selection list: 09.09.2024</b></li> <li>• <b>Course Fee:</b> Rs. 15,000/- (Rs. 6,000: Tuition Fee + Rs. 9,000: Registration &amp; Other Charges). Boarding &amp; lodging charges in IIRS Golden Jubilee Hostel are extra 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>			<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 11.08.2024 [1730 hrs]</b></li> <li>◦ <b>Course Completion date: 25.10.2024</b></li> </ul>
41.	SP-AG	<b>Remote Sensing Data Analytics in Agriculture</b>	<ul style="list-style-type: none"> <li>• Graduate degree in Agricultural Sciences, Agricultural Information Technology, Agricultural Engineering, Computer Science Engineering, Environmental Sciences OR</li> <li>• Post-graduate degree in Agricultural and Allied Sciences including Agronomy, Agricultural Physics, Agricultural Meteorology, Agricultural Analytics, Crop Physiology, Remote Sensing/ Geo-information Science in Agriculture or equivalent</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Start date to Apply: 01.05.2024 [10:00 hrs]</b></li> <li>• <b>Course start date: 18.11.2024</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. <b>Application Fee Rs. 500/- <u>Application Fee is non-refundable.</u></b></li> <li>• <b>Announcement of selection list: 21.10.2024</b></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 Golden Jubilee Hostel are 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 of Agricultural remote sensing will be given preference for admission.</p>			<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 22.09.2024 [17:30 hrs]</b></li> <li>◦ <b>Course completion: 29.11.2024</b></li> </ul>

42	SP-SM	<b>Remote Sensing &amp; GIS in Digital Soil Mapping</b>	<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: 01.05.2024 [10:00 hrs.]</b></li> <li>• <b>Course start date: 02.12.2024</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. Application Fee: Rs. 500/- <b><u>Application Fee is non-refundable.</u></b></li> <li>• <b>Announcement of selection list: 04.11.2024</b></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 Golden Jubilee Hostel are extra and will have to be paid by the candidate as per the IIRS hostel rules &amp; regulations.</li> </ul>			<ul style="list-style-type: none"> <li>• <b>Last date to Apply: 06.10.2024 [17:30 hrs.]</b></li> <li>◦ <b>Course completion: 13.12.2024</b></li> </ul>
<p><b>Note:</b> Candidates nominated by the govt. organisations &amp; professionals working in the related field 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. 32).
- **Application Fee (Non-refundable) for Courses at Sl. No. 1 to 20:** 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).
- **Application Fee for Courses at Sl. No. 22-31, 33-42 :** RS 500/- (Non-Refundable)
- **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 mark sheets/ 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 mark sheets/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, 33-42 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 31), 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, 33–42 (both Government-sponsored & self-financed candidates) and Sl. No. 23–31 (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. 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.
- **Institute reserves the right to postpone or cancel any special course without sighting any reason.**

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.**