

## ***ISRO-START @GGV, July 20-August 7, 2023***

The Indian Space Research Organization (ISRO) sponsored Space Science and Technology Awareness Training (START) course

July 20-August 7, 2023

Smart class room, Department of Pure and Applied Physics Guru Ghasidas Vishwavidyalaya.

Nodal Centre Coordinator: Dr. Rajesh Sharma, Associate Professor



### **Objectives**

The main objective of the training programme is to attract the youngsters to the fields of space science and technology. The training modules will comprise introductory level topics on various verticals of space science and technology (Astronomy, Planetary Science, Heliophysics, Atmospheric science, Microgravity related studies and space technology). In addition to these, there will be sessions on Indian space exploration programme and research opportunities.

**About Program:** ISRO has an active space science programme that covers various domains of space science research including Planetary science and exploration,



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introductory level training, would be considered for the next level of advanced training.

### **Eligibility of Candidates**

**Category-1:** Post-graduate students and final year under graduate students of physical sciences (Physics and Chemistry) and technology (e.g. Electronics, Computer Science, Mechanical, Applied Physics, Radiophysics, Optics & Optoelectronics, Instrumentation and other associated subjects) studying in Indian educational institutes/Universities/Colleges are eligible to be considered for the training.

**Category-2:** Interested individual participants (including students who are not eligible / could not join through the category-1) of any background can directly register and attend the live sessions through Youtube Channel of IIRS

### **Certificate to Participants: Important criteria**

1. Minimum 70% of attendance in the live online session is needed to appear in the online examination. They are eligible for participation certificate.
2. Success criteria for the examination is 50% marks or above. Successful candidates will be provided merit certificate.

### **Requirements from the Host Institute**

1. Selection of the candidates: The host institutes need to select eligible candidates, who are studying in the institutes, depending on their aptitude, merit/academic performance. The host institute needs to send the list of selected students to ISRO/DoS in a format as prescribed by ISRO.
2. Lecture hall / auditorium facility: The host institute needs to be equipped with a lecture hall / auditorium, with internet connectivity and projection facility. The lectures will be streamed through internet in a suitable videoconferencing platform. ISRO/DoS will share the link of the online training programme with the institutes.



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Astronomy and Astrophysics, Heliophysics / Sun-Earth interaction, Atmospheric science, and also research driven by Microgravity platforms arising as part of the new human space programme. Under the expanding programs in space sciences, ISRO encourages greater participation from academia, for generating human resources in space science and technology, expanding the user base of the space exploration mission data, and fostering an ecosystem to facilitate active participation of the students in space science and technology research. In view of this, the Science Programme Office, ISRO HQ in association with Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun plans to conduct Space science and Technology Awareness Training (START) programme. START is an introductory level online training in space science and technology for the under-graduate and post-graduate students of science and technology.



*Image 1: An image of the students attending the The Indian Space Research Organization (ISRO) sponsored Space Science and Technology Awareness Training (START) course in Smart class room, Department of Pure and Applied Physics Guru Ghasidas Vishwavidyalaya*

### **Date and Duration of online training**

Online training is scheduled from July 20, 2023 to August 7, 2023. The successful candidates of the online test, which would be conducted at the end of the training, would be provided a certificate. Those who would score high grade in the



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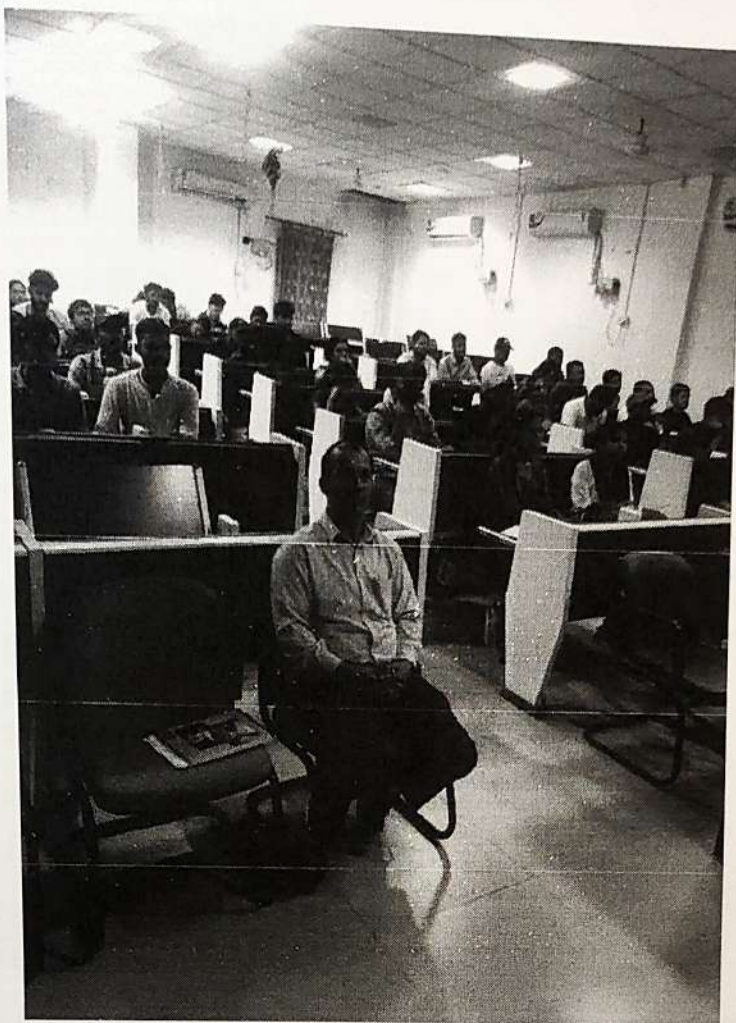


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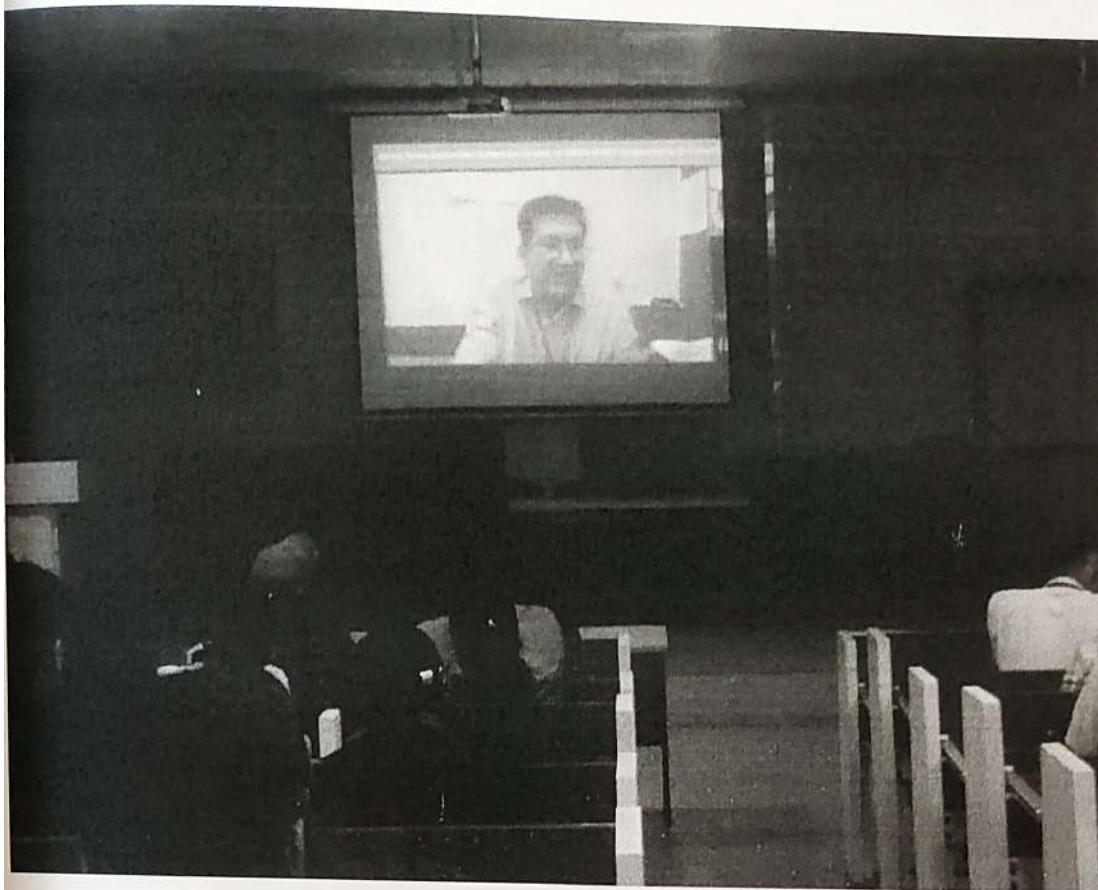
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*Image 3: An image of the students attending the The Indian Space Research Organization (ISRO) sponsored Space Science and Technology Awareness Training (START) course in Smart class room, Department of Pure and Applied Physics Guru Ghasidas Vishwavidyalaya*



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*Image 2: An image of Expert from The Indian Space Research Organization (ISRO) while delivering the talk*

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		Nodal Centre: Guru Ghasidas Vishwavidyalaya, Bilaspur		
		Name of coordinator from Department for ISRO-START program		
S.N.	Department	Cordinator name	Cordinator email	Cordinator phone
1	Pure and Applied Physics	Dr Rajesh Sharma	sharmarajesh1234@gmail.com	8894118606
2	Chemistry	Dr. Niraj Kumari	nirajchem@gmail.com	9348002247
3	Computer Science & Engineering	Dr. Upasana Sinha	drupasanasinha24@gmail.com	90989-70866
4	Electronics & Communication Engineering	Dr. Sudakar Singh Chauhan	sudakarnith@gmail.com; sudakar.chauhan@ggu.ac.in, sudakarggv@gmail.com	9896004182
5	Information technology	Deepak Kant Netam	deepaknetam@gmail.com	97554-46005
6	Chemical Engg	Dr. Saurabh Meshram	saurabhmeshram38@yahoo.in	78282-45128
7	Mechanical Engg	Bhushan Singh Gautam	bhushan.iisc@gmail.com	96328-84177
8	Computer Science & Information Technology	Dr. Girish Kumar Singh	gkrsingh@gmail.com	9479983851
		GGV Nodal Center Coordinator: Dr Rajesh Sharma		



# ISRO-START @GGV, July 20-August 7, 2023

List of students who got ISRO-START certificates				
S.N.	Reg. No	Name	Department	Class
1	202330011979545	Mr. VIVEK SAHU	Physics	M.Sc. Physics IV Sem
2	202330012022276	Ms. Ananya Shri Chaurasia	Mechanical	
3	202330012022396	Ms. PRITI KUMARI	Chem. Engg.	B.Tech. VII sem
4	202330012022481	Mr. Vishwa Mohak Pandey	Chem. Engg.	B.Tech. VII sem
5	202330012028282	Ms. SHAILJA	Mechanical	B.Tech. VII sem
6	202330012033549	Ms. J.T.Pravallika Padamata	Mechanical	B.Tech. VII sem
7	202330012034061	Mr. S Rohin	Civil Engg	B.Tech. VII sem
8	202330012034065	Mr. Abhishek Kumar Mishra	Chem. Engg.	B.Tech. VII sem
9	202330012034128	Ms. Sneha kumari	Chem. Engg.	B.Tech. VII sem
10	202330012034740	Mr. Kumar Saurav	IT	B.Tech. VII sem
11	202330012041093	Mr. Dibyaranjan Sahoo	Physics	M.Sc. Physics II Sem
12	202330012041269	Ms. Arthana Santhosh	Physics	M.Sc. Physics II Sem
13	202330012042510	Mr. Prakhar Kumar Gupta	IT	B.Tech. VII sem
14	202330012042740	Mr. JERIN K JOY	Physics	M.Sc. Physics II Sem
15	202330012044157	Ms. Maradana Harika	ECE	B.Tech. VII sem
16	202330012044282	Ms. Taniya Singh	ECE	B.Tech. VII sem
17	202330012044336	Ms. Neeharika verma	ECE	M.Tech II sem
18	202330012044400	Mr. Md Ashique Ibrahim	ECE	M.Tech II sem
19	202330012044432	Ms. Iptesam Aaliya Qureshi	ECE	M.Tech II sem
20	202330012044440	Mr. M Sai Kumar	ECE	M.Tech II sem
21	202330012044806	Mr. Ankit Singh	ECE	B.Tech. VII sem
22	202330012046281	Mr. Yatindra Deo	CSE	B.Tech. VII sem
23	202330012048149	Mr. Suryakant Sonwani	Chemistry	M.Sc. Chemistry II Sem
24	202330012049081	Ms. Muskan Deshmukh	Chemistry	M.Sc. Chemistry II Sem
25	202330012050056	Mr. NIKHIL BARETH	Chemistry	M.Sc. Chemistry II Sem
26	202330012050649	Mr. SONU KUMAR	Chemistry	M.Sc. Chemistry II Sem
27	202330012050984	Ms. PRIYANSHI	Chemistry	M.Sc. Chemistry II Sem
28	202330012051356	Ms. Samikshya Nanda	Chemistry	M.Sc. Chemistry II Sem
29	202330012052985	Ms. INDRAKUMARI	Chemistry	M.Sc. Chemistry II Sem
30	202330012058477	Ms. Payal Thakur	Chemistry	M.Sc. Chemistry II Sem
31	202330012061040	Mr. Allen Joban	Chemistry	M.Sc. Chemistry II Sem

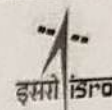


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32	202330012062243	Mr. Shibaprasad barik	Chemistry	M.Sc. Chemistry II Sem
33	202330012064932	Mr. GOWTHAM G	Chemistry	M.Sc. Chemistry II Sem
34	202330012064947	Ms. Kanchan	Chemistry	M.Sc. Chemistry II Sem
35	202330012066960	Mr. RAVINDRA KUMAR MARAVI	Chemistry	M.Sc. Chemistry II Sem



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



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नहि : ऑफिस सेंट्रल/ विस्तार कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि गुरु घासीदास विश्वविद्यालय बिलासपुर ने भारतीय सुदूर संवेदन संस्थान, इसरो देहार्दुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम इसरो स्टार्ट कार्यक्रम के अंतर्गत अंतरिक्ष विज्ञान और प्रौद्योगिकी का अवलोकन में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 20-07-2023 से 07-08-2023 तक किया गया।

This is to certify that Guru Ghasidas Vishwavidyalaya Bilaspur, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on Overview of Space Science and Technology under ISRO START Programme. This online programme was conducted during July 20, 2023 to August 07, 2023

निर्गमक Date: 19-09-2023  
देहार्दुन Dehardun

ग्रुप,  
क्रिगेम सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geospatial Services, IT & Distance Learning Department, IIRS

ग्रुप प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम ग्रुप  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS