INDIAN INSTITUTE OF REMOTE SENSING-INDIAN SPACE RESEARCH INSTITUTE OUTREACH PROGRAMS

Kamala Nehru College became a network institute for conducting Outreach Programmes of IIRS [Indian Institute of Remote Sensing], Indian Space Research Organization (ISRO), Department of Space, Government of India, Dehradun. The name of our Institute as a Nodal Centre is included in online application form of IIRS Outreach Programme.

1) 60TH IIRS-ISRO OUTREACH PROGRAMME ONLINE COURSE ON APPLICATION OF GEOINFORMATICS IN ECOLOGICAL STUDIES

13-07-2020 to 24-07-2020

This programme helped students to have more exposure on the field of Application of Geoinformatics in Ecological Studies. As Environmental Geography and GIS both are essential part of Geography, this course has helped to gain knowledge on this interlinked specialization. Online classes for this course were held by IIRS and attended by the participants from home due to covid restrictions against all odds.

On the basis of the online attendance students were being allowed to appear for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

Certificate: Application of Geoinformatics in Ecological Studies



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING



भारतीय अंतरिक्ष अनुसंघान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विमाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

COR6014782020

बहि : परिमा संपर्क / विस्तार कार्यकर प्रसाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि कमला नेहरू कॉलेज, यूनिवर्सिटी ऑफ दिल्ली ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठचक्रम " पारिस्थितिकी अध्ययन में भू-सूचना विज्ञान के अनुप्रयोग" मे भाग लिया। इस ऑनलाइन पाठचक्रम का संचालन दिनांक 13 जुलाई, 2020 से 24 जुलाई, 2020 तक किया गया।

This is to certify that Kamala Nehru College, University of Delhi, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on "Application of Geoinformatics in Ecological Studies". This online programme was conducted during July 13, 2020 to July 24, 2020.

दिनाँक/ Date: 15-09-2020

देहरादून/ Dehradun

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दुरस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IIRS

समृह प्रमुख, भृ-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समृह

Group Head, Geospatial Technologies & Outreach Progra

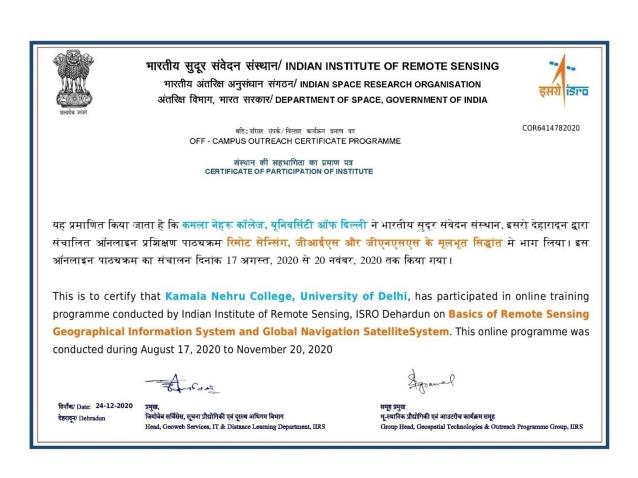
2) 64TH IIRS-ISRO OUTREACH ONLINE COURSE ON BASICS OF REMOTE SENSING GEOGRAPHIC INFORMATION AND GLOBAL NAVIGATION SATELLITE SYSTEM.

17/08/2020 to 20/11/2020

Online Course on Basics of Remote Sensing & Geographic Information System helped students to understand the usability and applicability of RS & GIS in a combined mode. Both are essential for better understanding on spatial data modeling. Online classes for this course were attended by the participants from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

<u>Certificate: 64TH IIRS Outreach Programme on Basics of Remote Sensing Geographical</u> Information System and Global Navigation Satellite System.



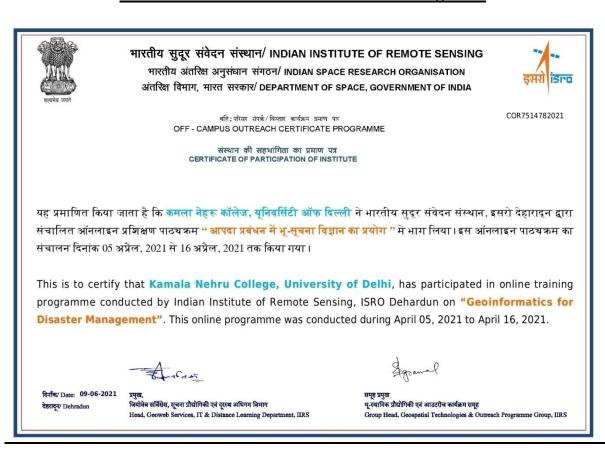
3) IIRS-ISRO 75TH OUTREACH PROGRAM ON GEOINFORMATICS FOR DISASTER MANAGEMENT

05/04/2021-16/04/2021

Outreach Programme on Geoinformatics for Disaster Management was a specialised course with added modules and specification. Online classes for this course were attended by the participants from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. They appeared for the examination from home under strict guidelines and got certificates accordingly.

Certificate: Geoinformatics for Disaster Management



4) IIRS –ISRO 88TH PROGRAMME ON BASICS OF GEOGRAPHICAL INFORMATION SYSTEM

27-09-2021 to 22-10-2021

During pandemic time this programme on Basics of Geographical Information System has created positive energy to learn something new from home by new undergraduate batches. Students learnt many new applications on GIS and open-source soft-wares. Online classes for this course was held and participants attended from home due to covid restrictions.

On the basis of the online attendance students were being allowed to appeared for the final online examination scheduled by IIRS on specific slots. Their attendance was recorded in digital mode by IIRS. Students appeared for the examination from home under strict guidelines and 44 students got certificates.

Certificate: Basics of Geographical Information System



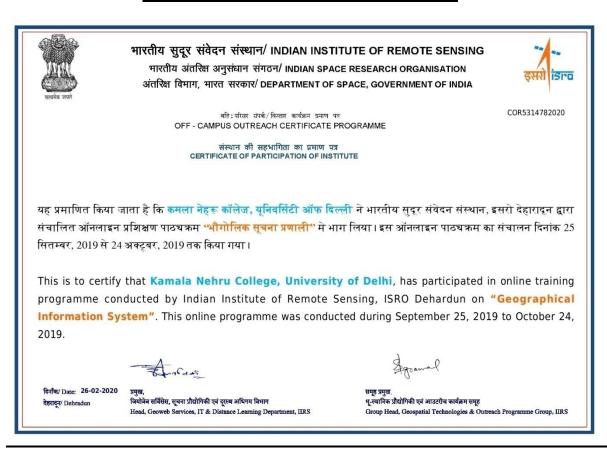
5) 53RD IIRS-ISRO OUTREACH PROGRAMME ONLINE COURSE ON GEOGRAPHICAL INFORMATION SYSTEM

25-09-2019 to 28 -10- 2019

This programme helped students to have more exposure on the field of Geographical Information System which was also a part of their syllabus. Regular classes for this course were held purely on physical mode at Kamala Nehru College in 2019 by streaming live lectures, group discussions from IIRS, Dehradun conducted by senior faculty members and scientists. This has provided ideas about the GIS industry and future research to the students.

On the basis of the attendance students were being allowed to appear for the final online examination scheduled by IIRS on specific slots. They appeared for the examination at Computer Lab of Kamala Nehru College under strict invigilation of teachers from Department of Geography.24 students got certificates from IIRS after clearing the exam.

Certificate: Geographical Information System



Students Enrolled in Outreach Program

	Title	Date	Institute	No of Participants
1	53rd IIRS-ISRO Outreach programme online Course on Geographical Information System	25-09-2019 To 28 -10- 2019	Geography Department	29
3	60th IIRS-ISRO Outreach programme online course on Application of Geoinformatics in Ecological Studies	13-07-2020 To 24-07-2020	Geography Department	10
6	64th IIRS-ISRO Outreach Online Course on Basics of Remote Sensing & Geographic Information System	17/08/2020 to 20/11/2020	Geography Department	5
7	IIRS 75 th Geoinformatics for Disaster Management	05/04/2021- 16/04/2021	Geography Department	2
8	IIRS 88th Basics of Geographical Information System	27-09-2021 to 22-10-2021	Geography Department	105