



Surya Sen Mahavidyalaya

Siliguri



ASSESSMENT PERIOD
2018-2019 TO 2022-2023

SUPPORTING ATTACHMENTS

CRITERION – 3

Key Indicator – 3.5 Collaboration

3.5.1 Number of function MoUs/linkages with institutions/industries in India and abroad for internship, on-the-job training, project work, student/faculty exchange and collaborative research during the last five years.

Content:

IIRS_ISRO Outreach Program

Surya Sen Mahavidyalaya

A Multi-stream Govt. Aided College & Recognised by UGC u/s 2(f) & 12(b) and NAAC Accredited

Dr. P.K.Mishra

M.A (Gold Medal), M.Phil, LL.B, Ph.D, M.A (PMIR)

Principal



Ph No: (0353) 2691488 / 489
P.O. Siliguri Town,
Surya Sen Colony, Block-B,
Siliguri, Dist. Jalpaiguri Pin – 734004
e-mail : suryasen@suryasencollege.org.in
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Ref No: SSM/ IIRS-ISRO/ 77 / 2021

Dt. 23rd March 2021

To
The Director
IIRS-ISRO,
Dehradun

Sub: Willingness letter for participating in the IIRS Outreach Programme-reg.

Dear Sir/Madam,

With due respect I would like to inform you that **Surya Sen Mahavidyalaya** is one of the reputed academic institution in North Bengal. The institution is ISO 9001:2015 certified & NAAC Accredited. Since its establishment, it has involved to serve our nation through improved academic performance and with progress of time we are always updating ourselves through the inclusion of modern techniques in our course curriculum for the benefit of our students. Considering the wide importance of the application of Geo-spatial techniques in recent era, we are interested to include our institution in IIRS Outreach Programme for the betterment of our students. We have around 200 students in under graduate courses (Semester I-VI) and remote sensing & GIS is an essential topic for the courses, hence getting full fledged insight into remote sensing supplication would be of extreme help. We are writing this letter with lots of hope seeking your kind permission to consider our institution as a nodal center of IIRS Outreach Programme.

Contact Details of the focal person/ coordinator from our institution:

Name: Ms. Pompi Sarkar

Designation: Assistant Professor

Department: Department of Geography

Postal Address: Surya Sen Colony, Block-B, Siliguri-734004,

Dist. Jalpaiguri, West Bengal

Email: pompis@suryasencollege.org.in / pompisarkar12@gmail.com

Mobile Number: 9641344089

Dr. P.K.Mishra
23/03/2021

Dr. P.K.Mishra

Principal

Dr. P. K. Mishra

Principal

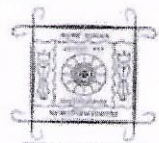
Surya Sen Mahavidyalaya
Siliguri-734004

Dr. P.K. Mishra
DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

Surya Sen Mahavidyalaya

NAAC ACCREDITED

A Multi Stream Govt Aided College &
Recognised by UGC u/s 2(f) & 12(b)
(Affiliated to University of North Bengal)



ESTD. 1998
ISO9001:2015

Department of Geography

Certificate course and Outreach Programme conducted
by
Indian Institute of Remote Sensing
(IIRS Nodal Centre: Surya Sen Mahavidyalaya, Dept. of Geography)
2021

Name of the Courses	IIRS Outreach Programme "Geoinformatics for Disaster Management"	IIRS Outreach Programme on 'GIS for Supply Chain Management'
Name of the students	MR. SWARAJ BHATTACHARJEE	PRIYANGSHU SAHA
	MR. SUBHAJIT DEY	
	Dipankar Singha	
	Harilal Roy	
	Tanmoy Sinha	
	Ashim Kumar Paul	
	Rahima Khatoon	
	Sananda Choudhury	
	Arnab Das	
	Abdul Rashid	
	Niru Toppo	
	Rina Begam	
	Rahul Marik	
	Pooja Roy	
	Soumiki Ganguly	
	Bikram Mondal	
	Subhasis Bhadra	
	BHASHKAR SARKAR	

ll

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

Pankaj
25.05.2021
DIC & Assistant Prof
Dept. of Geography
Surya Sen Mahavidyal
Siliguri-4



Department of Space
Government of India

Published on January 21st, 2021
Last updated on 21st September, 2021



Indian Space Research Organisation (ISRO)
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN
Annual Course Calendar IIRS Distance Learning Programme - 2021

A. Course to be conducted in Morning Session (1100-1230 IST)

S. No	Course number	Course/Webinar	Tentative Time Slot	Duration	Coordinator
1.		Basics of "Remote Sensing, Geographical Information 6\ VWHP DQG *OREDO 1DYLJD\WLRQ 7KURXJK 6:\$<\$0 SRUWDO /LQN IRU MRLQ KWW SV RQOLQHFRXUVHV VZD\DP	- DQXDU 6\$SHUOLWHHN\$VWHPZDU DF LQ DLF BJH SUHYLHZ		'U 3RRQ VWHPZDU
		6SDFH 7HFKQRORJ\ \$SSOLF DWLR	0D\ -XQH	:HHN VHVVL RQ QDW SHU GD\	'U +DUL &KDQGU DUQDW
		(DUWK 2EVHUYDWLRQ IRU &DUERQ	-XQH	:HHN	'U 1 5 3DWHO
		सुदूर संवेदन एवं जीआईएस प्रौद्योगिकी के मूल सिद्धांत	6HSWHPEHHN 6SHFLDO FRXUVH GXULQJ +LQGL 3DNKZDGD	:HHN	VU +DUL &KDQGU .DUQDW 0U .DPD 3DQGH\ 'KDUPHQ .XPDU
		*HRVSDWLDO ,QSXWV IRU (QDEOLQ IRU \$0587 VXE VFKHPH	2FWREH	:HHN	0U 3UDI .XPDU

B. Course to be conducted in Evening Session (1600-1730 IST)

S. No	Course number	Course	Tentative Time Slot	Duration	Course Director/Coordinator
1.	73	Overview of Geoprocessing using Python	January 18-29, 2021	2 Weeks	Dr. Harish Chandra Karnatak/ Mr. Ravi Bhandari
2.	74	Satellite based Navigation: A Journey from GPS to Mobile phone platform	March 01-12, 2021	2 Weeks	Dr. Anil Kumar/ Dr. Ashutosh Srivastav/Dr. Ashutosh Bhardwaj
3.	75	Geoinformatics for Disaster Management	April 05-16, 2021	2 Weeks	Dr. Arijit Roy/Mr. C.M. Bhatt
4.	76	GIS for Supply Chain Management	April 26-30, 2021	1 Week	Dr. Sameer Saran/Mr. Prasun K. Gupta
5.	77	Geospatial Technology for Archeological studies	May 17-28, 2021	2 Weeks	Dr. Poonam S. Tiwari/ Dr. Hina Pande
6.	79	Himalayan Cryospheric Studies under Changing Climate	June-07-11, 2021	1 Week	Dr. Pratima Pandey

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S. No	Course number	Course	Tentative Time Slot	Duration	Course Director/Coordinator
			Postponed (revised dates will be announced later)		
7.	81	Overview of Web GIS Technology	June 21- July 02, 2021	2 Weeks	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
8.	82	Machine Learning to Deep Learning: A Journey for remote sensing data classification	July 05-09, 2021	1 Week	Dr. Anil Kumar
9.	83	Geospatial technology for hydrological modelling	July 19-30, 2021	2 Weeks	Dr. S.P.Agarwal
10.	84	Geospatial Modelling for Watershed Management	August 02-06, 2021	1 Week	Dr. Suresh Kumar
11.	85	Basics of "Remote Sensing, Geographical Information System and Global Navigation Satellite System	August 16 – November 26, 2021	14 Weeks	Dr. Poonam S. Tiwari
12.	86	Basics of Remote Sensing and Digital Image Analysis	August 16 ± 6 H S W H P E H U	: HHN	0 V 0 L Q D N V K L .
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C. International Courses/Webinar Series (1830-20:00 IST)

S. No	Course number	Course/Webinar	Tentative Time Slot	Duration	Coordinator
1.	5006	Space based observations for meteorological hazards	September 06-10, 2021 October 25-29, 2021	1 Week	Dr. D. Mitra
2.	5007	Space based Early warning Systems for Natural Disasters - <ul style="list-style-type: none"> Flood Tropical Cyclones, Forest Fire, Landslide, Extreme Weather and Decision support systems for Disaster Early warnings 	November 08-19, 2021 (2 Sessions /alternate day (40 Min each)	2 Weeks	Dr. P. K. Champati Ray/Dr. Arijit Roy

S. No	Course number	Course/Webinar	Tentative Time Slot	Duration	Coordinator
3.	5005	Webinar Series on: Image Restoration and Processing of SAR Data <ul style="list-style-type: none"> • SAR Remote Sensing- Technology & Applications • SAR Data Processing Techniques • SAR Geocoding techniques • SAR Interferometry 	May 07, 13, 21, 28 2021	1 hour each session	Mr. Ashish Joshi

D. Webinar Series (1100-1230 IST)

S. No	Course number	Webinar	Tentative Time Slot	Duration	Coordinator
1.	1013	Webinar Series on Image Restoration and Processing of Optical Data <ul style="list-style-type: none"> • Image pre-processing techniques- Optical remote sensing • Radiometric corrections and normalization for satellite data • Atmospheric corrections of Optical imagery • Object Based Image Analysis for Earth Observation Optical data <p>Note: Course has been reschedule due to technical reason, new date is April 16, 23, 30 and 07 May 2021.</p>	April 09, 16, 23, 30, 2021 New date: April 16,23,30 and 07 May, 2021	1 hour each session	Dr. Manu Mehta Ms. Minakshi Kumar

E. Full day Workshop

S. No	Course number	Workshop Title	Tentative Time Slot	Duration	Focal Point
1.	1011	अंतरिक्ष प्रौद्योगिकी और इसके अनुप्रयोग	January 11, 2021	1 Day	Dr. Harish Chandra Karnatak/ Mr. Kamal Pandey
2.	1012	Satellite altimetry for River monitoring Note: Course has been reschedule due to technical reason, new date is October 27, 2021	March 17, 2021 August 10, 2021 October-04,2021 October 27,2021	1 Day	Dr. Praveen Thakur
3.	1014	Earth Observation based Mapping, Monitoring and Modelling of Landslide: Recent trends and support to early warning system	April 21, 2021	1 Day	Dr. Shovan Chatteraj
4.	1015	Lunar Remote Sensing and Applications	May 12, 2021 August 11,2021	1 Day	Dr. Mamta Chauhan
5.	1016	ISRO Geoportal and Information Services- ISRO Inter centre	June 16, 2021	1 Day	Dr. Harish Chandra Karnatak
6.	1017	SAR Application for flood hazard mapping and monitoring	July 14, 2021	1 Day	Dr. Arijit Roy/Mr. C.M.Bhatt

S. No	Course number	Workshop Title	Tentative Time Slot	Duration	Focal Point
7.	1018	Workshop on Space Technology for School children (Note: There will be no registration, Interested can directly attend the lecture from https://www.youtube.com/user/edusat2004)	August 12, 2021	½ Day	Ms. Shefali Agarwal/Ms. Pooja Jindal
8.	1019	Geospatial Modeling Driven Urban Hazard and Risk Analysis	December 01, 2021	1 Day	Mr. Pramod Kumar

F. Popular Guest Talk Series on Space Technology and Application

Topic, name of the speaker and actual date and time will be announced in First Week of the respective month in Year 2021

G. Specialized Course for Directorate of Forest Education, Dehradun

Course to be conducted, Afternoon Session (1430Hrs to 1600 Hrs)

1.	Geo-informatics for Field Foresters *Course is only for Directorate of Forestry Education, Dehradun	February 22-26, 2021	1 Week	Dr. Hitendra Padalia/ Dr. Subrata Nandy
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Note: Geo-informatics for Field Foresters Course is applicable only for Directorate of Forest Education, Dehradun


DR. P.K. MISHRA
 Principal
 Surya Sen Mahavidyalaya
 Siliguri - 734004



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



COR75115412021

बहिः परिसर संपर्क/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 **सूर्य सेन महाविद्यालय** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम “**आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग**” में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 05 अप्रैल, 2021 से 16 अप्रैल, 2021 तक किया गया।

This is to certify that **SURYA SEN MAHAVIDYALAYA**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on “**Geoinformatics for Disaster Management**”. This online programme was conducted during April 05, 2021 to April 16, 2021.

दिनांक/ Date: 11-06-2021
देहारादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

नामांकन सं. / Enrolment No. : 202175753022

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री स्वराज भट्टाचारजी

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 05 अप्रैल, 2021 से 16 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 18 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. SWARAJ BHATTACHARJEE

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

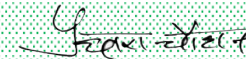
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175756378

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री सुभाजीत दे

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. SUBHAJIT DEY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

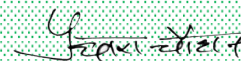
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175759062

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री बिक्रम मोंडल

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 05 अप्रैल, 2021 से 16 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 18 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. BIKRAM MONDAL

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution

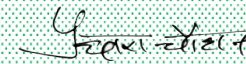


DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya

Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175759142

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० सौमिकी गांगुली सौमिकी गांगुली

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MS. SOUMIKI GANGULY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution

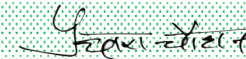


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निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175759222

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० पूजा रॉय

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MS. POOJA ROY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

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(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

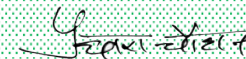
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175759554

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री राहुल मरीक

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

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MR. RAHUL MARIK

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Surya Sen Mahavidyalaya

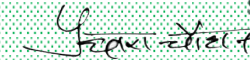
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Coordinator, University/ Institution

DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

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नामांकन सं. / Enrolment No. : 202175759749

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री भास्कर सरकार

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

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MR. BHASHKAR SARKAR

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Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

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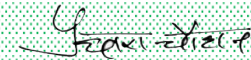


DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya

Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

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नामांकन सं. / Enrolment No. : 202175759878

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री सुभासिस भद्र

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. SUBHASIS BHADRA

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Surya Sen Mahavidyalaya

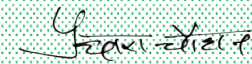
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Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

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नामांकन सं. / Enrolment No. : 202175760064

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० रिना बेगम

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MS. RINA BEGAM

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

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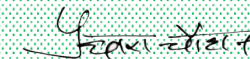


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Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

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नामांकन सं. / Enrolment No. : 202175760103

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० नीरू टोप्पो

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

AWARDED TO

MS. NIRU TOPPO

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

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Surya Sen Mahavidyalaya

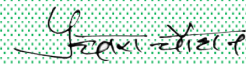
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

UID- 23981f559a36ff676a961663306b4b80. This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175763316

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री अब्दुल रशीद

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. ABDUL RASHID

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

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Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution

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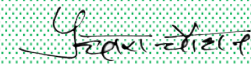


DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya

Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

नामांकन सं. / Enrolment No. : 202175764933

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री अर्नब दास

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

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MR. ARNAB DAS

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

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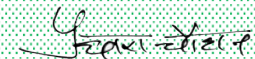


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Coordinator, University/ Institution


DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

UID- 007bab217f8e00890de382ebe9a4b50f .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175765020

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० सानन्द चौधरी

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

AWARDED TO

MS. SANANDA CHOUDHURY

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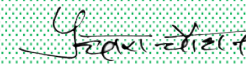


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Coordinator, University/ Institution



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Principal
Surya Sen Mahavidyalaya
Siliguri - 734004



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Place: Dehradun

UID- bd81bd02f46360053046d63da8ff0484 . This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175770015

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री असीम कुमार पॉल

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

AWARDED TO

MR. ASHIM KUMAR PAUL

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

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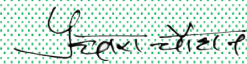
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Siliguri - 734004



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आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

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नामांकन सं. / Enrolment No. : 202175774374

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

कु० रहीमा खातून

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

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THIS CERTIFICATE IS

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MS. RAHIMA KHATOON

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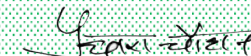
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Date: 11-06-2021

Place: Dehradun

UID- f9e2588f3f7434afcd066b56a80afe73 .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175774827

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री तन्मय सिन्हा

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 05 अप्रैल, 2021 से 16 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 18 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. TANMOY SINHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

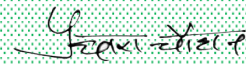
Coordinator, University/ Institution



DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

UID- e9d1ccee6a153e9b83b622fe8b35303a .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175778250

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री दीपांकर सिंह

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 05 अप्रैल, 2021 से 16 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 18 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. DIPANKAR SINGHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution

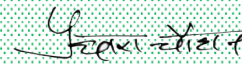


DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya

Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

UID- af13b7b45144f6a0add3661847256cd .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

नामांकन सं. / Enrolment No. : 202175778391

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री हरिलाल रॉय

को “ आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 05 अप्रैल, 2021 से 16 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 18 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. HARILAL ROY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geoinformatics for Disaster Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **05-04-2021 to 16-04-2021** (Total course duration was = 18 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

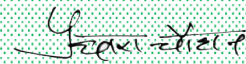
Coordinator, University/ Institution



DR. P.K. MISHRA

Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-06-2021

Place: Dehradun

UID- 00ca7643c133ae498789c4bc8f99a8a8 .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



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



बहिः परिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR76115412021

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि **सूर्य सेन महाविद्यालय** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम “**आपूर्ति श्रृंखला प्रबंधन के लिये भौगोलिक सूचना प्रणाली**” में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 26 अप्रैल, 2021 से 30 अप्रैल, 2021 तक किया गया।

This is to certify that **SURYA SEN MAHAVIDYALAYA**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on “**GIS for Supply Chain Management**”. This online programme was conducted during April 26, 2021 to April 30, 2021.

दिनांक/ Date: 23-06-2021
देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

नामांकन सं. / Enrolment No. : 202176826023

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

श्री प्रियांशु सहा

को “ आपूर्ति श्रृंखला प्रबंधन के लिये भौगोलिक सूचना प्रणाली ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 26 अप्रैल, 2021 से 30 अप्रैल, 2021 (कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. PRIYANGSHU SAHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“GIS for Supply Chain Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **26-04-2021 to 30-04-2021** (Total course duration was = 10 hours and 30 minutes).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

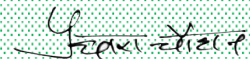
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 23-06-2021

Place: Dehradun

UID- 7e7ee50b07490a6c6cd3c3bcb3857a6b . This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



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



COR20219011541

बहिः परिसर संपर्क/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 **सूर्य सेन महाविद्यालय** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम **“प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग”** में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 08 नवंबर, 2021 से 26 नवंबर, 2021 तक किया गया।

This is to certify that **SURYA SEN MAHAVIDYALAYA**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on **“RS & GIS Applications in Natural Resource Management”**. This online programme was conducted during November 08, 2021 to November 26, 2021.

दिनांक/ Date: 16-12-2021
देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

नामांकन सं. / Enrolment No. : 2021901352590

CERTIFICATE OF COMPLETION ONLINE COURSE



यह प्रमाणपत्र

MR. BIKRAM MONDAL

को “ प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग ”

में ऑनलाईन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 08 नवंबर, 2021 से 26 नवंबर, 2021 (कुल पाठ्यक्रम की अवधि = 19 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. BIKRAM MONDAL

ON COMPLETION OF THE ONLINE COURSE ON

“RS & GIS Applications in Natural Resource Management”

THIS ONLINE COURSE WAS CONDUCTED DURING **08-11-2021 to 26-11-2021** (Total course duration = 19 hrs & 30 minutes).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)

Online Exam Grade: **B**

Attendance: **86 %**

Date: **23-12-2021**

Place: Dehradun

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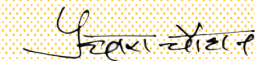
Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

*>80% -(A+), 70-80% -(A), 60-70% -(B+), 40-60% -(B)



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



COR20219311541

बहिः परिसर संपर्क/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 **सूर्य सेन महाविद्यालय** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम “**जैव विविधता संरक्षण योजना हेतु भू-सूचना विज्ञान**” में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 06 दिसम्बर, 2021 से 17 दिसम्बर, 2021 तक किया गया।

This is to certify that **SURYA SEN MAHAVIDYALAYA**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on “**Geo-informatics for Biodiversity Conservation Planning**”. This online programme was conducted during December 06, 2021 to December 17, 2021.

दिनांक/ Date: 22-12-2021
देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

नामांकन सं. / Enrolment No. : 2021931393274

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

MS. ANKITA SAHA

को “ जैव विविधता संरक्षण योजना हेतु भू-सूचना विज्ञान ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 06 दिसम्बर, 2021 से 17 दिसम्बर, 2021 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MS. ANKITA SAHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Geo-informatics for Biodiversity Conservation Planning”

THIS ONLINE COURSE WAS CONDUCTED DURING **06-12-2021 to 17-12-2021** (Total course duration was = 9 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

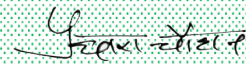
समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004



निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 23-12-2021

Place: Dehradun

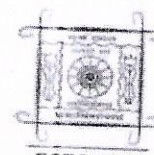
UID- 6dc8a05ee153eef1e7c8851dfa6e354f . This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

Surya Sen Mahavidyalaya

NAAC ACCREDITED

A Multi Stream Govt Aided College &
Recognised by UGC u/s 2(f) & 1 2(b)
(Affiliated to University of North Bengal)

Department of Geography



ESTD. 1998

ISO 9001:2015

Certificate course and Outreach Programme conducted
By
Indian Institute of Remote Sensing
(IIRS Nodal Centre: Surya Sen Mahavidyalaya, Dept. of Geography)
2021-2022

Name of the Courses	IIRS Outreach Programme on 'Geospatial technology for hydrological modelling'	IIRS-ISRO OUTREACH Online course on "RS & GIS Applications in Natural Resource Management".	IIRS-ISRO OUTREACH Online course on "Geo-informatics for Biodiversity Conservation Planning"	IIRS-ISRO OUTREACH Online course on "Overview of Geoprocessing using Python"	IIRS-ISRO OUTREACH Online course on "Advanced Geospatial technologies for Disaster Risk Reduction (DRR)"
Name of the students	Golap Hossain Rajib Mitra	BIKRAM MONDAL	ANKITA SAHA	BIKRAM MONDAL	ANKITA SAHA SUBHAJIT DEY PRIYANGSHU SAHA

DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

10.05.2022
DIC & Assistant Prof
Dept. of Geography
Surya Sen Mahavidyal
Siliguri-4

S. No	Course No	Course	Tentative Time Slot	Duration	Course Director/Co-ordinator
5.	94	Overview of Geoprocessing using Python.	January 17-28, 2022	2 Weeks	Dr. Harish C Karnatak/ Mr. Ravi Bhandari
6.	95	Global Navigation Satellite System and Location based services	February 21-March 04, 2022	2 weeks	Dr. Harish C Karnatak/ Mr. Kamal Pandey
7.	96	Hyperspectral and Microwave Remote Sensing Techniques for Geological Studies.	March 07-March 17,2022	2 Weeks	Dr. R.S. Chatterjee/ Mrs. Richa Sharma
8.	97	Advanced Geospatial technologies for Disaster Risk Reduction (DRR).	April18-April29,2022	2 Week	Dr. Arijit Roy/ Mr. C.M. Bhatt
9.	98	Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing.	May 02- May 13,2022	2 Weeks	Dr. Sameer Saran/ Mr. Ashutosh K. Jha
10.	99	Geo-spatial Applications for Forest Ecosystem Analysis	June 20- June 25, 2022	1 Week	Dr. Hitendra Padalia/ Dr. Taibanganba Watham.
11.	100	Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification	July 04-July 08,2022	1 Week	Dr. Anil Kumar
12.	101	Satellite Remote Sensing for Atmosphere	July 11-July 15-2022	1 Week	Dr. D. Mitra/Dr. Shuchita Srivastava
13.	102	Remote Sensing & GIS Applications in Agriculture.	July 25- July 29 ,2022	1 Week	Dr. Suresh Kumar/ Dr. Dipanwita Halder
14.	103	% D V L F V R I 3 5 H P J K W W L 6 H Q V L Q J * H R J U B S K E E D O : H H N V 6 7 L Z D U L , Q I R U P D W L R Q 6 \ V W H P D Q G * O R E D O 1 D Y L J D W L R Q 6 D W H O O L W H 6 \ V W H P '			
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S. No	Course No	Course	Tentative Time Slot	Duration	Course Director/Coordinator
17.	108	Overview of Geographical Information System	October 03- October 27, 2022	4 Weeks	Mr. Prabhakar Alok Verma
18.	109	Overview of Geocomputation and Geo-web services	October-31 November - 04, 2022	1 Week	Mr. Kamal Pandey
19.	110	RS & GIS Applications in Natural Resource Management	November 14- November 25 ,2022	2 Weeks	Mr. C.M. Bhatt
20.	111	Advances in Monitoring and Modeling of Hydro-Meteorological Hazards using Geospatial Technology and Process based Models	December 05- 09 ,2022	1 Week	Dr. Praveen Thakur/ Mr. Pankaj R Dhote

C. Course to be conducted through MOOC

S. No	Course No	Course	Tentative Time Slot	Duration	Course Director/Coordinator
1.	06	SAR Data Processing and its Applications	April 04- May 03, 2022	10 Sessions	Dr. Shashi Kumar/ Mr. Ashish Joshi
2.	07	Overview of Space Science & technology- For school students	June 06- July 05, 2022	10 sessions	Dr. Harish Chandra Karnatak/ Mr. Ravi Bhandari
3.	08	Remote Sensing & GIS for Urban Studies and Environmental Modeling	July 06 ± \$ X J X V W	6 H V V L	R Q V 3 U D P R G . X P D
		2 Y H U Y L H Z) U H H D Q G 6 R X U F H 6 R I W Z D U H * H R V S D W L) 2 6 6 *	RI \$ X J X V W 6 H S Q W H P E H U — I R U S W H P E H U 2 F W R E H U — 3 R V W S R Q H G 1 H Z G D W H D Q Q R X Q F H G / D M U	6 H V V L	R Q V 6 D P H H U 6 D U D 0 U 6 K L Y D 5 H G G \

S. No	Course No	Course	Tentative Time Slot	Duration	Course Director/Coordinator
5.	10	SAR data processing and applications for flood and landslide monitoring	October 03- November 02, 2022 Postponed New Date will be announced Later	10 Sessions	Mr. C.M. Bhatt/ Mr. Harishankar

D. Full day Workshop through Distance Learning Platform- 2022

S. No	Course No	Workshop Title	Tentative Time Slot	Duration	Course Director/Coordinator
1.	1020	सुदूर संवेदन तकनीक व इसके अनुप्रयोग	January 10, 2022	1 Day	Dr. Harish C. Karnatak/ Shri Kamal Pandey
2.	1021	Status, Challenges and Opportunities for Geospatial Technology Applications in Irrigation Water Management	May 17th 2022	1 Day	Dr. Praveen Thakur/ Dr. Bhaskar R Nikam
3	1022	Planetary Exploration of the Moon: Findings from Indian Remote Sensing Missions	May 20, 2022	1 Day	Dr. R.S. Chatterjee/ Dr. Mamata Chauhan
4.	1023	Flood monitoring using space based Earth Observation Systems	July 15, 2022 Postponed New Date will be announced Later	1 Day	Dr. Arijit Roy/ Mr. CM Bhatt
5	1024	Water Quality studies using Hyperspectral Remote Sensing for the Indian Coastal and Inland Waters	August 5, 2022	1 Day	Dr. Praveen Thakur/ Dr. Vaibhav Garg
6	1025	Geo-data processing in Cloud computation platform- case studies using Google Earth Engine	September 02, 2022 Postponed New date will be announced Later	1 Day	Dr. Sameer Saran/Ms. Supriya Sharma

S. No	Course No	Workshop Title	Tentative Time Slot	Duration	Course Director/ Coordinator
7	1026	Cryospheric and associated Mass Movements in the Himalaya: Recent Trends in Remote Sensing Techniques	October 28, 2022 Postponed New date will be announced Later	1 Day	Dr. R.S. Chatterjee/ Dr. Pratima Pandey
8	1027	UAV Remote Sensing	November 21, 2022	1 Day	Mrs. Shefali Agrawal/ Mr. Vinay Kumar
9	1028	Applications of Geospatial Technology in Paleochannel Studies: Potential And Future Trends	October 11, 2022	1 Day	Dr. R. P. Singh , Director IIRS/ Dr.Poonam S tiwari

Contact:

Head, GIT&DL Department
Geospatial Technology & Outreach Programme Group
Indian Institute of Remote Sensing, ISRO
Dept. of Space, Govt. of India
4- Kalidas Road, Dehradun
Email- dlp@iirs.gov.in
Tel- +91-1352524130/4354/4120



DR. P.K. MISHRA
Principal
Surya Sen Mahavidyalaya
Siliguri - 734004

नामांकन सं. / Enrolment No. : 2021941425940

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

MR. BIKRAM MONDAL

को “ पायथन द्वारा जियोप्रोसेसिंग का अवलोकन ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 17 जनवरी, 2022 से 28 जनवरी, 2022 (कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. BIKRAM MONDAL

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Overview of Geoprocessing using Python”

THIS ONLINE COURSE WAS CONDUCTED DURING **17-01-2022 to 28-01-2022** (Total course duration was = 10 hours and 30 minutes).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



DR. P.K. MISHRA
Principal

Surya Sen Mahavidyalaya
Siliguri - 734004

Date: **10-02-2022**

Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution

निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

नामांकन सं. / Enrolment No. : 2022971508659

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

MR. SUBHAJIT DEY

को “ आपदा जोखिम न्यूनीकरण (डीआरआर) हेतु उन्नत भू-स्थानिक प्रौद्योगिकियाँ ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 18 अप्रैल, 2022 से 29 अप्रैल, 2022 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MR. SUBHAJIT DEY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Advanced Geospatial technologies for Disaster Risk Reduction (DRR)”

THIS ONLINE COURSE WAS CONDUCTED DURING **18-04-2022 to 29-04-2022** (Total course duration was = 15 hours).


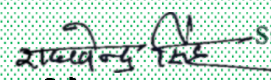
(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)

Date: **11-05-2022**

Place: Dehradun

UID- 76c72b289ac5287c2cfdde8539aace91 . This Certificate can be validated using URL- <https://certificate.iirs.gov.in>


Surya Sen Mahavidyalaya
समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution


DR. P.K. MISHRA
Principal
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Siliguri - 734004

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

नामांकन सं. / Enrolment No. : 2022971508356

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

MS. ANKITA SAHA

को “ आपदा जोखिम न्यूनीकरण (डीआरआर) हेतु उन्नत भू-स्थानिक प्रौद्योगिकियाँ ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 18 अप्रैल, 2022 से 29 अप्रैल, 2022 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

AWARDED TO

MS. ANKITA SAHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

“Advanced Geospatial technologies for Disaster Risk Reduction (DRR)”

THIS ONLINE COURSE WAS CONDUCTED DURING **18-04-2022 to 29-04-2022** (Total course duration was = 15 hours).


(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)

Date: **11-05-2022**

Place: Dehradun

UID- [faa48c02bb24caa59ba25922e182142](https://certificate.iirs.gov.in) .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>


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Coordinator, University/ Institution


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आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

नामांकन सं. / Enrolment No. : 2022971508973

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

MR. PRIYANGSHU SAHA

को “ आपदा जोखिम न्यूनीकरण (डीआरआर) हेतु उन्नत भू-स्थानिक प्रौद्योगिकियाँ ”

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 18 अप्रैल, 2022 से 29 अप्रैल, 2022 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- सूर्य सेन महाविद्यालय)

THIS CERTIFICATE IS

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MR. PRIYANGSHU SAHA

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

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THIS ONLINE COURSE WAS CONDUCTED DURING **18-04-2022 to 29-04-2022** (Total course duration was = 15 hours).

(Concerned IIRS Nodal Centre- **SURYA SEN MAHAVIDYALAYA**)



Surya Sen Mahavidyalaya

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



DR. P.K. MISHRA
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निदेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

Date: 11-05-2022

Place: Dehradun

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