

Anekant Education Society's

**Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati
(Autonomous)**

MoU Activity Report

Department of Geography Tuljaram Chaturchand College of Arts, Science and
Commerce, Baramati (Autonomous) in collaboration with **IIRS-ISRO**

Details of Activity

Date of Activity: **19/02/2024 to 23/02/2024**

Title of Activity: **Geospatial Analysis using Google Earth Engine.**

Academic Year: **2023-24**

Number of Beneficiaries/Participants: **31**

Name of Collaborative Agency:- **IIRS-ISRO**




Principal
Tuljaram Chaturchand College
Baramati

*Enclosure: Activity Report

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati
(Autonomous)

Sr. No.	Item	Particulars
1.	Name of the Department	Department of Geography
2.	Title of the Programme	Geospatial Analysis using Google Earth Engine
3.	Date of the Programme	19/02/2024 to 23/02/2024
4.	Name and address of the resource person	IIRS-ISRO
5.	Level of the Programme:	National
6.	Funded by: College/University etc.	-
7.	Number of Beneficiaries	31

Detail information of the programme:

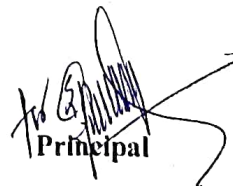
Enclosures:

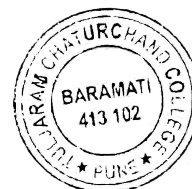
1. Permission letter of the Principal
2. Notice
3. Attendance
4. Copy of Feedback form
5. Total 4 Geo-tagged photographs: Inauguration (1), during programme (2) & Valedictory (1)


Coordinator


Head


IQAC Coordinator


Principal



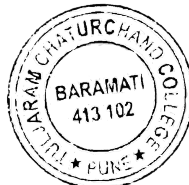
Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.
(Autonomous)
Department of Geography
'Geospatial Analysis using Google Earth Engine' workshop Report

Anekant education society Tuljaram Chaturchand College Baramati, Department of Geography, in collaboration with IIRS-ISRO Dehradun, has organized 135th outreach Workshop on "Geospatial Analysis using Google Earth Engine" was conducted successfully in online mode on February 19 to 23, 2024, the programme aimed to equip participants with essential skills in geospatial analytics using the Google Earth Engine (GEE) platform. The programme comprised five sessions, each focusing on different aspects of geospatial analysis using GEE. The sessions were as follows:

1. **Basics of Geospatial Analytics and Introduction of GEE Interface:** The session conducted by Prasun Gupta on January 19, 2024, provided participants with foundational knowledge in geospatial analytics and an introduction to the GEE interface.
2. **Visualization in GEE:** Ravi Bhandari led the session on January 20, 2024, where participants learned about visualization techniques in GEE, including spectral band combinations and plotting spectral response curves.
3. **Spectral Indices in GEE:** Shailja Mamgai conducted the session on January 21, 2024, focusing on the generation of spectral indices in GEE for extracting various land features such as vegetation and water bodies.
4. **Image Classification:** Prasun Gupta led the session on January 22, 2024, where participants were introduced to machine learning and other techniques for land feature classification using GEE.
5. **Data Uploading and Downloading in GEE:** The final session on January 23, 2024, conducted by Kamal Pandey, provided insights into data uploading and downloading processes in GEE for specific area-of-interest-based analysis.

The workshop witnessed active participation from a total of 31 participants. Throughout the sessions, participants engaged in interactive discussions, practical demonstrations, and hands-on exercises, enhancing their understanding and proficiency in geospatial analysis using GEE. We extend our gratitude to the organizers, speakers, and participants for their contributions to making this outreach programme a success. Special thanks to the Indian Institute of Remote Sensing (IIRS) for their support in conducting this programme.


Coordinator




Head



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science, and Commerce, Baramati
(Autonomous)
Department of Geography

Indian Space Research Organization (ISRO)
Indian Institute of Remote Sensing, Dehradun
Is organizing

134th and 135th IIRS Outreach Programme

Exploring Earth's Moon through Chandrayaan

Date: 19th February 2024 to 23th February 2024

Time- 11:00 am to 12:00 Noon

Geospatial Analysis using Google Earth Engine

Date: 19th February 2024 to 23th February 2024

Time- 04:00 pm to 05:00 pm

Benefits to learner:

- ❖ The use of Remote Sensing, Geographical Information System, Global Navigation Satellite System, Overview of Google Earth Engine and associated geospatial technologies.
- ❖ Live and interactive mode of distance learning.
- ❖ Registration and learning is **FREE OF COST**.
- ❖ Learning through the Experts from IIRS-ISRO and other knowledge Institutions.



IIRS official learning website: <http://www.iirs.gov.in/Edusat-News/>

Contact: Dr. Arun S. Magar, Nodal Center Coordinator: Mobile: +919881989209

Prof. Sayali B. Pawar, Coordinator at T.C. College Baramati Mobile: +919421597618



अनेकान्त एज्युकेशन सोसायटीचे

तुळजाराम चतुरचंद महाविद्यालय बारामती ,

...NOTICE...

No. 631

13 FEB 2024

विद्यार्थी व प्राध्यापकांसाठी महत्त्वाची सूचना


भूगोलशास्त्र विभाग

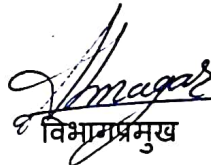
महाविद्यालयातील सर्व विद्यार्थी व प्राध्यापकांना कळवण्यात येते कि, IIRS-ISRO MoU अंतर्गत Exploring Earth's Moon through Chandrayaan या विषयावर कार्यशाळेचे आयोजन दि. १९/०२/२०२४ ते २३/०२/२०२४ रोजी सकाळी ११:०० ते १२:०० या वेळेमध्ये आणि Geospatial Analysis using Google Earth Engine या विषयावर कार्यशाळेचे आयोजन दि. १९/०२/२०२४ ते २३/०२/२०२४ रोजी संध्याकाळी ०४:०० ते ०९:०० या वेळेमध्ये Online पद्धतीने होणार आहे. सदर कार्यशाळेमध्ये सहभागी होण्यासाठी विद्यार्थ्यांनी खाली दिलेल्या लिंकवर जाऊन आपली नाव नोंदणी करावी. नाव नोंदणी करताना Website वरील Nodal Center मधून आपल्या महाविद्यालयाची निवड करावी. नाव नोंदणीसाठी काही अडचण आल्यास भूगोल विभागाशी संपर्क साधावा.

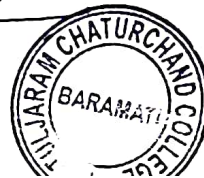
S. N.	Course No	Title	Tentative Dates & Timings	Duration	Type	Domain	Course Coordinator
1.	134	Exploring Earth's Moon through Chandrayaan	February 19- 23 2024 (1100-1200 HRs)	1 Week	Live course	Space Science	SPO ISRO HQ
2.	135	Geospatial Analysis using Google Earth Engine	February 19-23, 2024 (1600 hrs. to 1700 hrs.)	1 Week	Live course	Data Science	Dr. Kamal Pandey

Course Registration Link

<http://www.iirs.gov.in/Edusat-News/>


कार्यशाळा समन्वयक


विभागप्रमुख




प्राचार्य

Attendance of Google Earth Engine

135- IIRS Outreach Programme on Geospatial Analysis using Google Earth Engine

[View Student](#)
[Attendance](#)
[Attendance Status](#)
[Study Material](#)
[Download Certificates](#)

Students Record

Show 10 entries

Search:

S.No.	RegNo.	Name	Email ID	Profession	Qualification	Subjects	Passing Year	ID Proof	Status
1	20241352390525	More Manoj Gautam	manojmore0555@gmail.com	Student	Pursuing Graduation	Geography	2024	View	Approved
2	20241352385417	Aysha Akbar Mulani	ayshamulani1112@gmail.com	Student	Post Graduation	Geography	2023	View	Approved
3	20241352385169	Bhosale Samiksha Nitin	samikshabhosale94@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
4	20241352390549	Shaikh Muskan Ekbal	musakanshaikh786@gmail.com	Student	Pursuing Graduation	Geography	2024	View	Approved
5	20241352385181	Gaikwad Kirtesh Sudam	kirteshgaikwad3@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
6	20241352391333	Nimbalkar Archana Anilraje	archananimbalkar961@gmail.com	Student	Post Graduation	Geography	2024	View	Approved
7	20241352387761	Sakshi Sanjay Shelar	sanjayshelar2233@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
8	20241352389565	SHERE POOJA BHAUSO	avinashshere9696@gmail.com	Student	Pursuing Graduation	Geography	2024	View	Approved
9	20241352385217	Harshad sanjay kucheekar	kuchekarharshad19@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
10	20241352389313	Bhandalkar Jayshri Nana	jayshribhandalkar5@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
11	20241352387269	Bhosale Sonali vilas	sonalibhosale2515@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
12	20241352374993	Pawar Sayali Balaso	sayalispawar237@gmail.com	Student	Post Graduation	Geomorphology	2022	View	Approved
13	20241352390621	Ranjit Bhanudas Kamble	ranjitkamble83360@gmail.com	Student	Graduation	Geography	2024	View	Approved
14	20241352385277	Amruta Ashok Sawant	amrutavinodjadhav@gmail.com	Student	Graduation	Geography	2022	View	Approved
15	20241352387845	Shaikh Alafiya tayyab	alafiyashaikh11@gmail.com	Student	Post Graduation	Geography	2023	View	Approved



16	20241352389125	GAWDAE ANUSHKA SACHIN	sachingawade6370@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
17	20241352387849	Aisha	aaishatamboli30@gmail.com	Student	Post Graduation	Geography	2023	View	Approved
18	20241352390421	Trupti Jalindar Waghmare	waghmaretrupti42@gmail.com	Student	Graduation	Geography	2024	View	Approved
19	20241352384793	VRUSHALI ANAND BODEKAR	vrushalibodekar2@gmail.com	Student	Graduation	Geography	2022	View	Approved
20	20241352385333	Vikas Mahesh kamble	vikaskamble148@gmail.com	Student	Graduation	Geography	2021	View	Approved
21	20241352387385	Pratiksha tanaji Kalsait	pratikshakalsait20@gmail.com	Student	Graduation	Geography	2023	View	Approved
22	20241352385089	Jagtap Samruddhi Jiyaji	samruddhijaagtap5271@gmail.com	Student	Pursuing Graduation	Geography	2022	View	Approved
23	20241352389189	BANKAR POONAM BALASO	pb1911936@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
24	20241352387921	Anita Dada Shingade	anitashingade2002@gmail.com	Student	Graduation	Geography	2023	View	Approved
25	20241352387413	Tilekar Rucha Sachin	ruchatilekar4@gmail.com	Student	Graduation	Geography	2022	View	Approved
26	20241352385117	Pratiksha Hanumant Mhetre	pratikshamhetre549@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved
27	20241352389229	Vaishnavi uttam shingate	shingatevaishnavi8@gmail.com	Student	Graduation	Geography	2022	View	Approved
28	20241352385393	Pawar priyanka sanjaylumar	pasarpriya752@gmail.com	Student	Post Graduation	Geography	2023	View	Approved
29	20241352389745	Neha	malaveneha8@gmail.com	Student	Graduation	Geography	2023	View	Approved
30	20241352376693	CHAVAN VINAYAK DADASAHEB	vc13596@gmail.com	Working Professional	Post Graduation	Geography	2018	View	Approved
31	20241352393333	Markad anita shivaji	anuradhmarkad828@gmail.com	Student	Pursuing Graduation	Geography	2023	View	Approved




Principal
Tuljaram Chaturchand College
Baramati



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

NAAC Accredited 'A+', CGPA 3.55 ISO 9001-2015, Green Audit Certified,
Religious Minority Institute

Department of Geography
Feedback Form

Programme: Geospatial Analysis Using Google Earth Engine

Date: 19/02/2024 to 23/02/2024

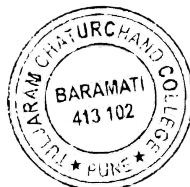
1. Name of the Student: Mhetre Pratiksha Hanymant
2. Class: F.Y. BA
3. Roll No: 6234

5 – Excellent, 4 – Very Good, 3 – Good, 2 – Fair, 1 – Poor

Sr. No	Items	5	4	3	2	1
1.	How would you rate the overall organization and structure of the online workshop on geospatial analysis using Google Earth Engine?	✓				
2.	Rate the quality of the speaker.		✓			
3.	How well did the speaker communicate their ideas and information?	✓				
4.	Did the workshop offer practical insights and real-world examples relevant to your professional or academic interests?	✓				
5.	Were the provided resources (e.g., datasets) helpful for your understanding and practice during the workshop?		✓			
6.	Did the workshop foster a collaborative learning environment among participants?	✓				
7.	Did the workshop offer practical insights and real-world examples relevant to your professional or academic interests?	✓				
8.	How would you rate the quality of the instructional materials provided during the workshop?		✓			
9.	Your comments and valuable suggestions.					

Place: Baramati

Date: 1/3/2024



P.H. Mhetre
Signature



Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

NAAC Accredited 'A+', CGPA 3.55 ISO 9001-2015, Green Audit Certified,
Religious Minority Institute

Department of Geography
Feedback Form

Programme: Geospatial Analysis Using Google Earth Engine

Date: 19/02/2024 to 23/02/2024

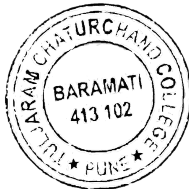
1. Name of the Student: Mhetre Pratiksha Hanumant
2. Class: F.Y. BA
3. Roll No: 6234

5 – Excellent, 4 – Very Good, 3 – Good, 2 – Fair, 1 – Poor

Sr. No	Items	5	4	3	2	1
1.	How would you rate the overall organization and structure of the online workshop on geospatial analysis using Google Earth Engine?	✓				
2.	Rate the quality of the speaker.		✓			
3.	How well did the speaker communicate their ideas and information?	✓				
4.	Did the workshop offer practical insights and real-world examples relevant to your professional or academic interests?	✓				
5.	Were the provided resources (e.g., datasets) helpful for your understanding and practice during the workshop?		✓			
6.	Did the workshop foster a collaborative learning environment among participants?	✓				
7.	Did the workshop offer practical insights and real-world examples relevant to your professional or academic interests?	✓				
8.	How would you rate the quality of the instructional materials provided during the workshop?		✓			
9.	Your comments and valuable suggestions.					

Place: Baramati

Date: 1/3/2024



P.H. Mhetre
Signature