

IGNOU CERTIFICATE COURSE IN GEOINFORMATICS

at

REGIONAL REMOTE SENSING CENTRE- CENTRAL (NRSC/ISRO)

PGCGI COURSE (36059P)

Due to the prevailing situation caused by COVID 19, the practical demonstration is proposed to be carried out on-line on the google app for the PGCGI course, as per the schedule given below. Students can do the exercise simultaneously (if feasible) or afterwards and submit it by next day to the concerned faculty (copy marked to Programme In-charge) . Link for the google meetis given below –

meet.google.com/wvc-gqjs-scj

Date	Day	TIME	
		12.00 - 13.00 hrs (online demo)	13.00 - 14.00 hrs (online demo)
29.11.2021	Monday	E. 1 : Using Google Earth (Anju Bajpai)	E. 2 : Software Demonstration (TP Girish Kumar)
30.11.2021	Tuesday	E. 3 : Data importing and Visualisation (TP Girish Kumar)	E. 4 : Georeferencing (Jugal Kishore Mani)
1.12.2021	Wednesday	E. 5 : Digitisation (Anju Bajpai)	E. 6 : Editing Vector Data (Jugal Kishore Mani)
2.12.2021	Thursday	E. 7 : Attribute Data Management (Jugal Kishore Mani)	E. 8 : Checking data quality (Milind Wadodkar)
3.12.2021	Friday	E. 9 : Geometric correction (Saurabh Gangwar)	E. 10 : Image Enhancement (Saurabh Gangwar)
4.12.2021	Saturday	Saturday	
5.12.2021	Sunday	Sunday	
6.12.2021	Monday	E. 11 : Image Transformation (Saurabh Gangwar)	E. 12 : Aerial Photo Interpretation (Sadhana Jain)
7.12.2021	Tuesday	E. 13 : Visual Image Interpretation (Sadhana Jain)	E. 14 : Digital Classification (Unsupervised) (Ashish Sharma)
8.12.2021	Wednesday	E. 15 : Digital Classification (supervised) (ArunSuryavanshi)	E. 16 : Ground truthing & accuracy assessment (ArunSuryavanshi)
9.12.2021	Thursday	E. 17 : Query and retrieval (Sadhana Jain)	E. 18 : Proximity Analysis (Milind Wadodkar)
10.12.2021	Friday	E. 19 : Overlay Analysis (Milind Wadodkar)	E. 20 : DEM Generation (DSP Rao)
11.12.2021	Saturday	Saturday	
12.12.2021	Sunday	Sunday	
13.12.2021	Monday	E. 21 : Change Analysis (Jugal Kishore Mani)	E. 22 : Map Composition (Ashish Sharma)
14.12.2021	Tuesday	E. 23 : Case Study (Anand Arur)	Discussion and Feedback (Sadhana Jain)

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Due to the prevailing situation caused by COVID 19, the classes for the PGCGI course will be conducted on-line on the google meet, as per the schedule given below. Here, schedule is given only for theory part, i.e. MGY001, MGY002 and MGY003. Time table for the practical session will be given separately. Link for the lectures is given below -

meet.google.com/wvc-gqjs-scj

Date	Day	TIME	
		12.00-13.00 hrs	13.00-14.00 hrs
18.11.2021	Thursday	MGY001- B 1 AOV	MGY001- B 2 DSP Rao
19.11.2021	Holiday		
20.11.2021	Saturday		
21.11.2021	Sunday		
22.11.2021	Tuesday	MGY001- B 3 DSP Rao	MGY001- B 4 AA
23.11.2021	Wednesday	MGY002- B 1 AOV	MGY002- B 2 SJ
24.11.2021	Thursday	MGY002- B 3 SJ	MGY002- B 4 AS
25.11.2021	Friday	MGY003- B 1 DSP Rao	MGY003- B 2 MW
26.11.2021	Monday	MGY003- B 3 AA	MGY003- B 4 MW

DETAILS OF LECTURES

SUBJECT CODE	TOPIC	FACULTY
MGY001- B 1	Overview of Geoinformatics	AO Varghese
MGY001- B 2	Concept of Geospatial Data	DSP Rao
MGY001- B 3	Basics of Mapping	DSP Rao
MGY001- B 4	Scope and Applications of Geoinformatics	Anand Arur
MGY002- B 1	Introduction to remote sensing	AO Varghese
MGY002- B 2	Sensors and space programmes	Saurav Gangwar
MGY002- B 3	Image interpretation	Sadhana Jain
MGY002- B 4	Processing & classification of RS images	ArunSuryavanshi
MGY003- B 1	Global navigation satellite system	DSP Rao
MGY003- B 2	Fundamentals of Geographic Information System	Milind Wadodkar
MGY003- B 3	GIS Database Creation	Anand Arur
MGY003- B 4	GIS Analysis, output and project design	Milind Wadodkar

(Sadhana Jain)
PIC-PGCGI, 36059P