

IGNOU CERTIFICATE COURSE IN GEOINFORMATICS

at

REGIONAL REMOTE SENSING CENTRE- CENTRAL (NRSC/ISRO)

COURSE CODE NO: 36059P

36059
PGCGI

Jan'19

COURSE CODE NO.: 58055F

Date	Day	TIME				
		9.00-11.00 hrs	11.15-13.15 hrs	13.15-13.45 hrs	13.45-15.45 hrs	16.00-18.00 hrs
6.4.19	Saturday	MGY001- B 1 SVCK	MGY001- B 2 DSP Rao	LUNCH	MGY001- B 3 DSP Rao	MGY001- B 4 AOV
7.4.19	Sunday	MGY002- B 1 AB	MGY002- B 2 AOV		MGY002- B 3 SJ	MGY002- B 4 AS
13.4.19	Saturday	MGY003- B 1 DSP Rao	MGY003- B 2 MW		MGY003- B 3 AA	MGY003- B 4 MW
14.4.19	Sunday	MGY004- Ex 1 TPGK			MGY004- Ex 2 TPGK	
20.4.19	Saturday	MGY004 - Ex 3 TPGK			MGY004- Ex 4 JKM	MGY004- Ex 5 JKM
21.4.19	Sunday	MGY004- Ex 6 JKM	MGY004- Ex 7 JKM		MGY004- Ex 8 MW	
27.4.19	Saturday	MGY004- Ex 9 IS			MGY004- Ex 10 IS	MGY004- Ex 11 IS
28.4.19	Sunday	MGY004- Ex 12 A Sharma	MGY004- Ex 14 AS		MGY004- Ex 13 SJ	
4.5.19	Saturday	MGY004-Ex 15 AS			MGY004-Ex 16 AS	
5.5.19	Sunday	MGY004- Ex 17 SJ			MGY004- Ex 18 MW	MGY004- Ex 19 MW
11.5.19	Saturday	MGY004- Ex 20 DSP Rao			MGY004- Ex 21 JKM	
12.5.19	Sunday	MGY004- Ex 22 A SHARMA			MGY004- Ex 23 AA	
DETAILS OF LECTURES AND PRACTICALS						

MGY001- B 1	Overview of Geoinformatics	MGY004- Ex 7	Attribute Data Management
MGY001- B 2	Concept of Geospatial Data	MGY004- Ex 8	Checking data quality
MGY001- B 3	Basics of Mapping	MGY004- Ex 9	Geometric correction
MGY001- B 4	Scope and Applications of Geoinformatics	MGY004- Ex 10	Image Enhancement
MGY002- B 1	Introduction to remote sensing	MGY004- Ex 11	Image Transformation
MGY002- B 2	Sensors and space programmes	MGY004- Ex 12	Aerial Photo Interpretation
MGY002- B 3	Image interpretation	MGY004- Ex 13	Visual Image Interpretation
MGY002- B 4	Processing & classification of RS images	MGY004- Ex 14	Digital Classification (Unsupervised)
MGY003- B 1	Global navigation satellite system	MGY004- Ex 15	Digital Classification (supervised)
MGY003- B 2	Fundamentals of Geographic Information System	MGY004- Ex 16	Ground truthing & accuracy assessment
MGY003- B 3	GIS Database Creation	MGY004- Ex 17	Query and retrieval
MGY003- B 4	GIS Analysis, output and project design	MGY004- Ex 18	Proximity Analysis
MGY004- Ex 1	Using Google Earth	MGY004- Ex 19	Overlay Analysis
MGY004- Ex 2	Software Demonstration	MGY004- Ex 20	DEM Generation
MGY004- Ex 3	Data importing and Visualisation	MGY004- Ex 21	Change Analysis
MGY004- Ex 4	Georeferencing	MGY004- Ex 22	Map Composition
MGY004- Ex 5	Digitisation	MGY004- Ex 23	Case Study
MGY004- Ex 6	Editing Vector Data		

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ACULTY:

SVCK	:	SVC Kameshwar Rao
AOV	:	AO Varghese
DSP Rao	:	D Surya Prakash Rao
SJ	:	Sadhana Jain
MW	:	Milind Wadodkar
AA	:	Anand Arur
TPGK	:	TP Girish Kumar
AB	:	Anju Bajpaii
AS	:	Arun Suryavanshi
A Sharma	:	Ashish Sharma
JKM	:	Jugal Kishore Mani
IS	:	Ibrahim Sheikh

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REGIONAL REMOTE SENSING CENTRE- CENTRAL (NRSC/ISRO)

Amrawati Road, Nagpur

COURSE CODE NO: 36059P

(Time: 5.30 pm to 7.30 pm)

Weekly Time Table (from 08.10.2018 to 14.10.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	8.10.2018	MGY002- B 1	AB	Introduction to remote sensing
Tuesday	9.10.2018	MGY002- B 2	AOV	Sensors and space programmes
Wednesday	10.10.2018	MGY002- B 3	SJ	Image interpretation
Thursday	11.10.2018	MGY004- Ex 13	SJ	Visual Image Interpretation
Friday	12.10.2018	MGY004- Ex 13 cont.	SJ	Visual Image Interpretation
Saturday	13.10.2018			
Sunday	14.10.2018			

Faculty:

AOV : AO Varghese
 SJ : Sadhana Jain
 AB : Anju Bajpaii

Weekly Time Table (from 15.10.2018 to 21.10.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	15.10.2018	MGY002- B 4	AS	Processing and classificaion of remote sensing images
Tuesday	16.10.2018	MGY004- Ex 4	JKM	Georeferencing
Wednesday	17.10.2018	MGY004- Ex 9	IS	Geometric correction
Thursday	18.10.2018	MGY004- Ex 9 cont.	IS	Geometric correction
Friday	19.10.2018	HOLIDAY		
Saturday	20.10.2018			
Sunday	21.10.2018			

Faculty:

AS : Arun Suryavanshi
 JKM : Jugal Kishore Mani
 IS : Ibrahim Sheikh

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COURSE CODE NO: 36059P
(Time: 5.30 pm to 7.30 pm)
Weekly Time Table (from 22.10.2018 to 28.10.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	22.10.2018	MGY004- Ex 10	IS	Image Enhancement
Tuesday	23.10.2018	MGY004- Ex 11	IS	Image Transformation
Wednesday	24.10.2018	MGY004- Ex 14	AS	Digital Classification (Unsupervised)
Thursday	25.10.2018	MGY004- Ex 15	AS	Digital Classification (supervised)
Friday	26.10.2018	MGY004- Ex 15 cont.	AS	Digital Classification (supervised)
Saturday	27.10.2018			
Sunday	28.10.2018			

Faculty:

AS : Arun Suryavanshi
IS : Ibrahim Sheikh

Weekly Time Table (from 29.10.2018 to 04.11.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	29.10.2018	MGY004- Ex 16	AS	Ground truthing and accuracy assessment
Tuesday	30.10.2018	MGY004- Ex 16 cont.	AS	Ground truthing and accuracy assessment
Wednesday	31.10.2018	MGY003- B 1	DSPRao	Global navigation satellite system
Thursday	1.11.2018	MGY004- Ex 12	A Sharma	Aerial Photo Interpretation
Friday	2.11.2018	MGY003- B 2	MW	Fundamentals of Geographic Information System
Saturday	3.11.2018			
Sunday	4.11.2018			

Faculty:

DSPRao : D Surya Prakash Rao
MW : Milind Wadodkar
A Sharma : Ashish Sharma
AS : Arun Suryavanshi

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Weekly Time Table (from 5.11.2018 to 11.11.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	5.11.2018	MGY003- B 3	AA	GIS database Creation
Tuesday	6.11.2018	MGY004- Ex 5	JKM	Digitisation
Wednesday	7.11.2018	HOLIDAY		
Thursday	8.11.2018	MGY004- Ex 6	JKM	Editing Vector Data
Friday	9.11.2018	MGY004- Ex 7	JKM	Attribute Data Management
Saturday	10.11.2018			
Sunday	11.11.2018			

Faculty:

AA : Anand Arur
JKM : Jugal Kishore Mani

Weekly Time Table (from 12.11.2018 to 18.11.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	12.11.2018	MGY004- Ex 8	MW	Checking data quality
Tuesday	13.11.2018	MGY004- Ex 8 cont.	MW	Checking data quality
Wednesday	14.11.2018	MGY003- B 4	MW	GIS Analysis, output and project design
Thursday	15.11.2018	MGY004- Ex 17	SJ	Query and retrieval
Friday	16.11.2018	MGY004- Ex 17 cont.	SJ	Query and retrieval
Saturday	17.11.2018			
Sunday	18.11.2018			

Faculty:

SJ : Sadhana Jain
MW : Milind Wadodkar

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Weekly Time Table (from 19.11.2018 to 25.11.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	19.11.2018	MGY004- Ex1 8	MW	Proximity Analysis
Tuesday	20.11.2018	MGY004- Ex 19	MW	Overlay Analysis
Wednesday	21.11.2018	HOLIDAY		
Thursday	22.11.2018	MGY004- Ex 21	JKM	Change Analysis
Friday	23.11.2018	HOLIDAY		
Saturday	24.11.2018			
Sunday	25.11.2018			

Faculty:

MW : Milind Wadodkar
JKM : Jugal Kishore Mani

Weekly Time Table (from 26.11.2018 to 03.12.2018)

Day	Date	Theory /Practical	Faculty Name	Topics
Monday	26.11.2018	MGY004- Ex 21 cont.	JKM	Change Analysis
Tuesday	27.11.2018	MGY004- Ex 20	DSPRao	DEM Generation
Wednesday	28.11.2018	MGY004- Ex 20 cont.	DSPRao	DEM Generation
Thursday	29.11.2018	MGY004- Ex 22	A Sharma	Map Composition
Friday	30.11.2018	MGY004- Ex 22 cont.	A Sharma	Map Composition
Saturday	31.11.2018			
Sunday	1.12.2018			
Monday	2.12.2018	MGY004- Ex 23	AA	Case Study
Tuesday	3.12.2018	MGY004- Ex 23 cont.	AA	Case Study

Faculty:

DSPRao : D Surya Prakash Rao
AA : Anand Arur
AS : Ashish Sharma
JKM : Jugal Kishore Mani

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