



Govt. J. Yoganandam Chhattisgarh P.G. College, Raipur (C.G.)

Value Added Course

REMOTE SENSING & GIS

**Organised by The Department of Geography
Under the Aegis of IQAC**

From 1st to 16th December 2021

Timing 02:00PM to 04:00 PM



**Dr. Amitabh Banerjee
Principal**



**Dr. Geeta Rai
Course Coordinator**



**Dr. Anita Juneja
Coordinator IQAC**



**Dr. Jyotsana Sharma
Organizing Secretary**



**Dr. T.L.Verma
Head of Dept, Geography**

RESOURCE PERSONS



**Shri Prashant Kavishwar
Thermal Remote Sensing**



**Shri N.V.Desh Pandey
Applications, Hazard
Management**



**Dr. Tisha Dey
Basics of Remote Sensing**



**Dr.N.K. Baghmar
Image Interpretation**



**Mr. Mayur Sharma
Data Models**

**Dr. Geeta Rai
Remote Sensing Platforms &
Sensors
Visual image Interpretation**





Govt. J. Yoganandam Chhattisgarh P.G. College,
Raipur C.G.)

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Department of Geography
Value Added Course Year 2021-22
“Remote Sensing and GIS”
1st to 16th December 2021
02:00 PM to 04:00 PM

Total 30 Hours (02hrs/day)

MM-100

Unit-I	1. Introduction, Definition, Basic Principles of Remote Sensing.	01.12.2021	Dr. Tisha Dey
	2. Basics and History of Remote Sensing.	02.12.2021	Dr. Geeta Rai
	3. Basic Principles of Thermal Remote Sensing .	03.12.2021	Shri Prashant Kavishwar
	4. Remote Sensing Platforms and Sensors	04.12.2021	Dr. Geeta Rai
	5. Fundamentals of Aerial Photography.	06.12.2021	Dr. Tisha Dey
Unit-II	1. Visual image processing – I elements of image interpretation.	07.12.2021	Dr. N.K.Baghmar
	2. Visual image processing –II (Practical).	08.12.2021	Dr. Geeta Rai
	3. Digital image processing.	09.12.2021	Mr. Mayur Sharma
	4. Applications of RS, risk sensitive Urban land use planning & Management.	10.12.2021	Shri N.V.Deshpandey
	5. Applications of Remote Sensing .	11.12.2021	Dr. Geeta Rai
Unit-III	1. Geo-referencing/GPS	13.12.2021	Dr. Tisha Dey
	2. Integration of GIS and Remote Sensing Data	14.12.2021	Dr. Tisha Dey
	3. Data model and data analysis, Raster, Vector.	15.12.2021	Mr. Mayur Sharma
	4. Examination and Feed back	16.12.2021 (04 Hours) 01PM to 05PM	