

**Department of Geography**

**Faculty of Natural Sciences**

**Jamia Millia Islamia**

**New Delhi – 110025**

**(A Central University by an Act of Parliament)**

**Post-Graduate Diploma in Remote Sensing and GIS**

**Syllabus (w.e.f. 2019 – 2020)**

## Course Structure Post-Graduate Diploma in Remote Sensing and GIS

Paper No/Code	Title	Credit	Type
<b>Semester – I</b>			
Paper - I (PGDRS-101)	Photogrammetry	4	CC
Paper - II (PGDRS-102)	Remote Sensing & Image Interpretation	4	CC
Paper – III (PGDRS-103)	Digital Image Processing	4	CC
Paper – IV (PGDRS-104)	Geographical Information Systems and Global Positioning System	4	CC
Practical – I (PGDRS-105)	Photogrammetry and Image Interpretation	2	CC
Practical – II (PGDRS-106)	Digital Image Processing	2	CC
Practical – III (PGDRS-107)	Geographical Information Systems and Global Positioning System	2	CC
<b>Semester – II</b>			
Paper – V (PGDRS-201)	RS & GIS Application in Soil and Agriculture	4	CC
Paper – VI (PGDRS – 202)	RS and GIS Application in Water and Forest Resources	4	CC
Paper – VII (PGDRS-203)	RS & GIS Application in Urban Environment	4	CC
Paper – VIII (PGDRS-204)	RS and GIS Application in Climate Studies	4	CC
Practical – IV (PGDRS-205)	RS & GIS Application in Soil, Agriculture, Water and Forest	2	CC
Practical – V (PGDRS-206)	RS & GIS Application in Urban Environment and Climate	2	CC
Project (PGDRS-207)	Project	4	CC