

**JAWAHARLAL NEHRU UNIVERSITY**  
**SCHOOL OF ENVIRONMENTAL SCIENCES**

**LIST OF COURSES FOR MONSOON SEMESTER-2021-22**

**Ph.D.-I Semester**

Sl. No.	Course No.	Title of Course	Instructor Name	Credits
<b>Core Courses: Total 6 credits (Mandatory)</b>				
1	ES 601R	Research Methodology I	APD	2
2	ES 602R	Research Methodology II	UCK	2
3	ES 603R	Research and Publication Ethics (RPE)	PKJ	2
<b>Optional Courses: Total 4 credits. (Choose 2 courses only, from the Area of admission)</b>				
<b>Area-I</b>				
1	ES – 653R	Atmospheric Processes	APD	2
2	ES-- 690R	Urban Climate and Air Quality	KK	2
3	ES - 637R	Air Pollution Meteorology	RP	2
<b>Area-II</b>				
1	ES – 652R	Earth Processes	AKT	2
2	ES – 661R	Remote Sensing in Geosciences	SM	2
<b>Area-III</b>				
1	ES - 639R	Limnology	JKT	2
2	ES – 616R	Water Pollution	DM	2
<b>Area-IV</b>				
1	ES- 651R	Ecosystem Processes	PKJ	2
2	ES – 621R	Environmental Toxicology	IG	2
3	ES – 684R	Advances in molecular biology	RM	2
4	ES – 691R	Environment and Carcinogenesis	PR	2

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