

# SCHOOL OF ENVIRONMENTAL SCIENCES

## 2025 Winter Semester PhD I Course List

Date: 23.12.2024

S. No.	Course Code	Course Title	Faculty	Credits
<b>Core Courses (Compulsory for all students)</b>				
1.	ES-601R	Research Methodology I	KK/AKM	2
2.	ES-602R	Research Methodology II	KM*	2
3.	ES-603R	Research and Publication Ethics	DM/PKJ	2
<b>Elective Courses (choose ANY TWO only from the area of admission)</b>				
<b>Area-I</b>				
4.	ES-653R	Atmospheric Processes	AKM	2
5.	ES-690R	Urban Climate and Air Quality	KK	2
6.	ES-637R	Air Pollution Meteorology	RPK	2
7.	ES-656R	Atmospheric Instrumentation and Measurements	LKTV	2
<b>Area-II</b>				
8.	ES-652R	Earth Processes	AKT	2
9.	ES-700R	Geohazards	RKU	2
<b>Area-III</b>				
10.	ES-616R	Water Pollution	DM	2
11.	ES-619R	Carbon Capture and Storage	AM	2
12.	ES-639R	Limnology	JKT	2
13.	ES-698R	Aquatic and Wetland Ecology	SM	2
14.	ES-701R	Solid Waste Management and Climate Change	BSS	2
<b>Area-IV</b>				
15.	ES-651R	Ecosystem Processes	PKJ	2
16.	ES-621R	Environmental Toxicology	IG	2
17.	ES-678R	Rehabilitation Ecology	DN	2
18.	ES-684R	Advances in Molecular Biology	RM	2
19.	ES-691R	Environment and Carcinogenesis	PR	2

\* Course Coordinator for course conducted by more than one faculty.

1. ES-601R, 602R & 603R are compulsory courses. They have to be taken by every student.
2. All other given courses are electives. Students need to select **ANY TWO**, only from the area of their admission.
3. Detailed course content for each course can be found on the SES webpage.

Meenakshi Dua  
Convener - TT & EC, SES

Cc: All faculty members, AO SES, School Office for display on Notice Board.

