

**REVISED List of Optional Courses (2 credits each) for Ph.D. II
REVISED Semester Choose 2 courses from any area
Winter Semester – 2021-22**

Area I			
ES 655R	Statistical Methods and Data Analysis	2	KK
ES 692R	Aerosol and Cloud Physics	2	AKM
ES 697R	Remote Sensing of Air Pollution	2	AKS
Area II			
ES 693R	Engineering Geology	2	NJR
ES 644R	Geochemical Cycles	2	AKT
Area III			
ES632R	Air Pollution	2	UCK
ES689R	Bio-renewable Resources and Technology	2	DM
Area IV			
ES 687R	Host-Pathogen Interaction and Environment	2	KM
ES 696R	Himalayan Ecology	2	PKJ
ES 622R	Cell and Environment	2	IG
ES 688R	Environmental Microbial Genomics	2	MD
ES 643R	Climate Change and Air Pollution Implications on Plant Biodiversity	2	UM
ES 636	Radiation and Molecular Biophysics	2	RM


(Ilora Ghosh)

Co-ordinator, T.T. & E. Committee


Prof. Paulraj R.

Dean, SES

Dean/S.E.S./J.N.U.
नई दिल्ली/New Delhi