

Syllabus for Ph.D. Course Work Centre for Disaster Risk Reduction

Overview of the Course Scheme for the PhD Programme

As per the university ordinance and new guidelines, the research scholars who are provisionally registered under the PhD programme will have to undergo pre-PhD coursework. The pre-PhD coursework shall have three components. Every student admitted to the PhD programme will have to pass coursework with a minimum of 14 credits. The candidate can submit his/her thesis only after passing the coursework.

1. Component one (Core Courses)

This component will comprise three courses of 10 credits, which are general to a PhD programme in the Centre for Disaster Risk Reduction (CDRR), IUST, and every research scholar will have to opt for these courses mandatorily. It will have the following courses;

- Research and Publication Ethics
- Research Methodology
- Recent Advances in the Subject

2. Component two (Research Centric)

The course is based on recent developments on the particular research topic assigned to the research student to envisage the recent developments in the available literature.

3. Component three (Discipline-Centric Elective Courses)

This component will comprise a basket of courses belonging to different research fields. Each course will be of 2 credits, and out of the available basket of courses, students will have to opt for at least one course that will be mandatory for completion of the PhD coursework.

Course	Course Code	Course Title	Course Type	Internal *	Final	Total	L	T	P	S	Credit Distribution	Credits
				Max. Marks								
Core	RPE	Research and Publication Ethics	Core	25	25	50	2	0	0	0	2	
	DDR901C	Research Methodology	Core	50	50	100	3	1	0	0	4	
	DDR902C	Advances in Disaster Sciences	Core	50	50	100	3	1	0	0	4	
	DDR903C	Research Communication	Core	Write-up = 40 Viva = 20		100	0	2	0	0	2	
Research Centric	DDR904E	Seismology & Earthquake Engineering	Elective	25	25	50	2	0	0	0	2	
	DDR905E	Flood Risk Management	Elective	25	25	50	2	0	0	0	2	
	DDR906E	Landslide Hazard Assessment	Elective	25	25	50	2	0	0	0	2	
Total Credits												14
Discipline Centric Elective	DDR906E	Landslide Hazard Assessment	Elective	25	25	50	2	0	0	0	2	
	DDR905E	Flood Risk Management	Elective	25	25	50	2	0	0	0	2	
	DDR904E	Seismology & Earthquake Engineering	Elective	25	25	50	2	0	0	0	2	

*(Midterm 30 marks + Assignment/Attendance 20 marks)

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