

Mapping of the courses to employability / entrepreneurship / skill development

Name of the Program MSc Environmental Science and Disaster Management

Class	Course Name	Course Code	Topics focusing on Employability / Entrepreneurship / Skill development	Employability / Entrepreneurship / Skill development
MSc S01	ESDM	RJSPGESDM101, 102, 103 and 104	Basic concept of environment, energy, natural resource management and sustainable development and environmental education. exploring fundamentals of environmental chemistry, environmental pollution and control followed by water and soil pollution and its current issues.	Employability skills in Estimation of parameters of soil and water, use of instruments for measuring environmental factors like light, sound, temperature, relative humidity etc.
MSc S02	ESDM	RJSPGESDM201, 202, 203 and 204	Understanding and exploring the core concepts of thermal, marine pollution and radioactive, environmental biology; geosciences and soil weathering, hydrogeology, and environmental implications of energy use details.	Employability skills in Indian Ecological issues, environmental pollution, sustainable energy resources and green chemistry. Skills to develop concern for environment in every action.
MSc S03	ESDM	RJSPGESDM301, 302, 303 and 304	Knowing the current issue related natural hazards, disaster management; some statistical concepts for application ; environmental instrumentation; environmental assessment, management and legislation followed by environmental economics and contemporary environmental issues	Employability skills in areas of Environmental impact assessment, analytical skills, teaching skills for environmental science in school, to work with NGO imparting environment education. Skills to develop concern for environment in every action. Ecological restoration, conservation, ecotourism, climate change and disaster management.
MSc S04	ESDM	RJSPGESDM401, 402, 403 and 404	Project and dissertation for teamwork, application and interpretation. Internship and understanding required skills for entrepreneur.	Analytical skills Interpretation skills Technical skills for employability in research laboratory, environment projects. NGO, testing laboratories, Entrepreneurship to start own laboratory and consultancy.