



CERTIFICATE PROGRAM IN DISASTER RISK REDUCTION AND MANAGEMENT (CPDRRM)

Program Educational Objectives (PEO):

PEO1: Provide basic knowledge and practical experience to the learners on disaster risk reduction and its management

PEO2: Support and orient the learners towards gaining skills and experience related to handling and managing disasters.

PEO3: Prepare the learners for advanced Diploma Course and the various job opportunities in the field.

Program Objectives (PO):

- **PO1: Critical thinking-** In depth knowledge of basic and applied area of disaster management. Capability to demonstrate knowledge and understanding of major concepts of disaster management. Ability to use modern instrumentation techniques to employ critical thinking and efficient problem-solving skills in the basic areas of disaster management.
- **PO2: Effective Communication-** Excellent communication skills to transmit complex technical information related to disaster management in a clear and concise written and verbal manner as oral presentations and compilation in the form of scientific reports.
- **PO3: Social Interaction-** Comprehend to apply contextual multidisciplinary knowledge to assess societal, health, safety, and cultural issues relevant to the disaster management.
- **PO4: Effective Citizenship-** Imbibe moral and social values in personal and social life leading to highly cultured and civilized personality.
- **PO5: Ethics-** Students will be able to recognize the ethical component of complex situations. Acquired with awareness of work ethics and ethical issues in scientific research as well as plagiarism policies.
- **PO6: Research related skills-** Develop ability to adopt changing scientific environment in the process of sustainable development by using statistical tools.
- **PO7: Environment and Sustainability-** Advanced knowledge of fundamentals of disaster management with enhanced command over modern scientific methods, techniques and chemical processes equipped with environment safety measures.
- **PO8: Self-directed and Lifelong learning-** Students will be capable of self-paced and self-directed learning aimed at personal development and for improving knowledge/skill development. They will keep themselves updated with the best international practices and latest development in technologies, which will help them to gain a broader global perspective of the subject. Develop awareness of the role and importance of Disaster management in interdisciplinary research as well as in daily life.

Program Specific Objectives (PSO):

PSO1: To inculcate knowledge and concepts related to disaster, disaster management, disaster risk reduction.

PSO2: To develop effective communication and presentation skills required to become a successful professional in the field of Disaster Management.

PSO3: To acquaint with the skills of organizing, planning, controlling, team-building and leadership in the challenging environments of Disaster Management.

PSO4: 4. To apply the various concepts, theories and models in the area of Disaster Risk Reduction, Disaster Prevention and Disaster Response and Rehabilitation etc.