

POST GRADUATE DIPLOMA IN DISASTER RISK REDUCTION

Programme Code: PGDRR (52 credits)

Educational Qualifications:	Bachelor's Degree in any subject or a higher degree.
Duration: Minimum:	1 year, Maximum: 4 years
Programme Fee:	Rs. 65,000/-
Academic Session:	Jan. to Dec. and July to June
Term End Exam:	June and December

Course code		Credit
PGDRR-1	Basics of Disaster Risk Reduction and related concepts	4
PGDRR-2	Policy frameworks for Disaster Risk Reduction and Climate Change	4
PGDRR-3	Humanitarian Principle and Social Justice (Comp)	4
PGDRR-4	Built environment Structural and non-structural safety	4
PGDRR-5	Public Health in emergency	4
PGDRR-6	Resilient livelihood	4
PGDRR-7	Institutional Safety & Risk reduction measure	4
PGDRR-8	WASH in emergency	4
PGDRR-9	Information Communication Technology in emergency	4
PGDRR-10	Inclusive Disaster Risk Reduction	4
PGDRR-11	Disaster Risk Research and Assessment skills	4
PGDRR – 12	Basic Managerial Skills	2
PGDRR-13	Project Work/Internship	6

Introduction

School of Disaster and Climate Studies (SDCS) was established in 2012. **School of Disaster and Climate Studies (SDCS)** consists of 3 centers and one key unit namely **(a) Center for DRR and CC Education (b) Center for Training and capacity building c) Center for Research and knowledge Management and Humanitarian Response and Action Unit**. Guided by the overarching vision of Centurion University, SDCS nurtures the ambition to evolve as a nationally and internationally renowned center of excellence in academic studies, research and innovations, in the domain of Disaster Risk Reduction (DRR) and Climate Resilience building as well as to become a leading practitioner on the ground as a key humanitarian player.

These 26 weeks and 50 credits Post Graduate Diploma in Disaster Risk Reduction and Climate Change (PGDRRCC) is divided into 12 well designed courses including action research and inclusion issues to provide comprehensive professional knowledge to professionals, academicians and students who want to make a career or already involved in DRR and Climate change sectors. The course will aim at providing local, national and international exposure using direct or indirect ways and means **The course will maintain balance between knowing through listening and learning through doing**. The student of this course is expected to have fairly good understanding about importance and usefulness of mainstreaming of DRR and Climate Resilience building into key development sectors. It will enable the learners to equip themselves with techniques and skills for planning, managing and monitoring effective disaster management and risk reduction programs,

through , risk and vulnerability analysis, communication skills, and skills pertaining to emergency response and management and so on. The course weight age will be divided into 4 key areas - class room theory, , Projects, Seminars/workshops and Practical exposure/internships with reputed GO/NGO and Institutions. The course delivery methodology will mainly include practical exposures, group discussions, interactive and consultation mode. SDCS will use its wide partnership base and various departments/departments of Centurion University to make the learning more useful and practical.

Evaluation Systems (Each and every course will have following evaluation system except the Internship.

<i>Internal Examination</i>	<i>Component</i>	<i>% of Marks</i>	<i>Method of Assessment</i>
	Midterm Test	20	Written examination
	Assignment	10	Report and Presentation
	Project work	20	Written and Viva Voce
<i>External Examination</i>	<i>End Sem. test</i>	50	Written examination
<i>Total</i>		100	

Eligibility

All graduates /working professionals are eligible for admission

Duration

The Program can be completed in a minimum period of one year and a maximum period of four years in the same registration fees

Medium

The Program medium will be in English and will use Virtual interactions and consultation with national and international experts.

Credit System

Each credit consisting of 1 hour of theory and 2 hours of practical in a week and to be facilitated in 13 weeks time.

The courses are based on credits. One credit is equivalent to 15 hours of study. In other words, you will have to put in 60 hours of study for completing a 4-credit course which will be divided into theory, projects, seminars /workshops. PROGRAM this helps the learners to understand the academic effort one has to put in. Completion of an academic program (Degree, Diploma or Certificate) requires successful clearing of the assignments and term-end examination of each Course, and the Project Work, wherever applicable in the programs.

PGDRR – 1. Basics of Disaster Risk Reduction and related concepts

1. Understanding Natural Disasters
2. Understanding Man-Made Disasters
3. Risk Assessment and Vulnerability Analysis

4. Disaster Preparedness
5. Disaster Response
6. Rehabilitation, Reconstruction and Recovery
7. Project Work on Rapid Need Assessment and Participatory Management

PGDRR – 2. Policy frameworks for Disaster Risk Reduction and Climate Change

1. Introduction to fundamentals of DRR & Challenges and issues on climate change
2. Meaning and understanding of weather and climate
3. Climatic extreme events and disasters
4. Addressing the problem of climate change
5. Adaptation through disaster risk reduction and the role of the Hyogo Framework
6. Understanding Mainstreaming DRR, CCA & Development
7. integration of DRR and CCA at the policy, planning, institutional, programme/ project level

PGDRR – 3. Humanitarian Principle and Social Justice

1. Introduction to Humanitarian Principles and social justice
2. Meaning and understanding of Humanitarian Principles
3. Humanitarian response and social justice
4. Humanitarian Response and Minimum standard
5. Core sectors for Humanitarian response
6. Millennium Development Goals and its importance
7. Sustainable Development Goals and its importance
8. Humanitarian Principles and role of various stakeholders

PGDRR – 4. Built environment Structural and non structural safety

1. Vulnerabilities of various structural and non structural elements due to various hazards and its causes
2. Structural and non structural Risk Reduction measures
3. Steps to Overcome
4. Construction quality control of production factors, Quality Management and Building code

PGDRR – 5. Public Health in emergency

1. Health systems and infrastructure and Emergency health services
2. Reproductive health care, food and nutrition
3. Control of communicable diseases
4. Causes, consequences and its preventive measures

PGDRR – 6. Resilient livelihood

1. Concept, meaning and understanding of Sustainable agriculture and resilient livelihood
2. Crop degradation, its causes, effect and consequences in India scenario

3. The Need For Climate Resilience cropping pattern
4. Climate change, food production and livelihoods
5. Assessing the role of science and technological interventions in agriculture systems.
6. Conceptual Framework For Sustainable Crop Production
7. Key Dimensions Of Sustainable Crop Production Intensification
8. Guiding Principles Sustainable Crop Production Intensification

PGDRR - 7 Institutional safety and risk reduction measures

1. Introduction on fire safety and Chemistry and Physics of Fire
2. The elements of a fire
3. Types Of Fires & Importance Of Fire Safety
4. Types Of Fire Extinguishers & Fire Extinguisher Components
5. Fire Extinguisher components
6. Fire Extinguisher Operation – P.A.S.S
7. Fire Extinguisher Maintenance
8. Common and Special Hazards

PGDRR -8. WASH in emergency

1. Meaning and understanding of WASH in emergency
2. Introduction to Hygiene and Sanitation
3. Steps of hand washing
4. Critical hand washing times
5. Classification of diseases related to hygiene and sanitation
6. Diseases: Causation, transmission, prevention, control and treatment
7. Gender and WASH

PGDRR - 9. Information Communication Technology in emergency

1. Introduction to Disaster Risk Management
2. The Need For Information In Disaster Risk Management
3. ICT for Disaster Mitigation
4. ICT for Disaster Preparedness
5. ICT for Disaster Response
6. ICT for Disaster Recovery And Reconstruction
7. Application of Information and Communication Technology in Natural Disaster Management
8. Developing messages and material

PGDRR – 10 Inclusive Disaster Risk Reductions

1. Protecting lives and saving progress through disaster risk reduction
2. From disasters to risk reduction Disaster
3. Key concepts and links: gender, disaster risk reduction (DRR)
4. Basic concepts in disaster risk reduction
5. **Persons with Disabilities: Barriers and Concerns in Disaster and Climate Change Situations**
6. **Disaster and Disability Framework- Present Context**
7. Understanding Disability: In The Legal And Organizational context Of Disaster
8. The National and International Legal Framework on disability

9. Gender-based vulnerability and exposure to disaster risk is clearly established
10. Gender mainstreaming and gender analysis in DRR work
11. Capacity and vulnerability analysis
12. Specific activities to strengthen inclusive disaster risk reduction

PGDRR – 11. Disaster Risk Research and Assessment skills

1. Hazard, Risk and Vulnerability
2. Understanding Risk: Concept and Elements
3. Risk Reduction
4. Risk Analysis Techniques
5. Participatory Risk Assessment
6. Vulnerability Analysis and Risk Assessment
7. Observation and Perception of Vulnerability
8. Vulnerability Identification
9. Vulnerability: Social Factors
10. Vulnerability: Economic Factors

PGDRR – 12 Basic Managerial Skills

1. **Personality development**
2. Respecting self and others
3. Interpersonal skills (empathy, compassion)
4. Communication (listening, verbal, and written)
5. **Life skills for Workplace Preparedness** Planning and organizational skills (including time and financial management)
6. Organizational behavior and protocols
7. Project planning
8. Budgeting
9. Report writing

PGDRR – 13. Project work /Internship

1. **Development of institutional safety plan**
2. **60 days of internship program on organizational development and management**
3. **Prepare a scientific research document/ project document**

EVALUATION

Evaluation consists of two parts: 1) continuous evaluation through assignments, and 2) term-end examination. In the final result, continuous evaluation (assignment of a Course) carries 30% weight age, while 70% weight age is given to term-end examination, Following is the scheme of awarding divisions and grades:

Division	Percentage Range	Grade	Point Grade
I	80 and above	A-Excellent	5
	60 to 79.9	B-Very Good	4
II	50 to 59.9	C-Good	3
Pass	40 to 49.9	D-Satisfactory	2
Unsuccessful	Below 40	E-Unsatisfactory	1

Students are required to score at least 50 % marks in continuous evaluation (assignments) as well as term-end examinations individually to be able to receive PG Diploma Certificate.

Assignments

Assignments are key part of the continuous evaluation system. Timely submission of assignments is mandatory to appear for the final examinations. The assessments weight age would be of 30% of the total course and while rest 70% is divided between project work and the term-end examination.

The last date for submission of assignments for Jan-December Session is 30th September and for July-June Session is 31st March.

If you do not get a passing grade in any assignment, you have to submit it again. However, once you get the pass grade in an assignment, you cannot re-submit it for improvement of grade. Assignments are not subject to re-evaluation except for factual errors, if any, on the part of the evaluator. The discrepancy noticed by you in the evaluated assignments should be brought to the notice of the HOD / Course Coordinator for correction and get it pass through examination cell of the university.

Term-end Examination is the most important component of the evaluation system for final result..

In case, you fail to secure a pass score (50% marks) in the term-end examination, you will be eligible to reappear in the next term-end examination for that Course, as and when it is held, within the total span of the Programme which is 4 years in this case.

Eligibility for Examination

To be eligible to appear in the term-end examination in any Course, you are required to fulfill the following four conditions:

- 1) You should have paid the Course fee. You should not apply for appearing at the term-end examination of any Course without getting registered for the same and if you do so, your result would not be declared and the onus shall be on you.
- 2) You should have opted and pursued the prescribed Course.
- 3) You should have submitted the assignments for the respective Course; and
- 4) You should submit the examination form in time.

Examination Form

It is an essential pre-requisite for you to submit the Examination Form for taking examination in any course. The filled in examination form is to be submitted to the last date for submission of examination forms are 1st March to 31st March for the examination to be held in June and 1st September to 30th September for examinations to be held in December. The last dates for receipt of examination forms after the due date with late fee are as under:

Admit Card

After receiving the examination forms from you, the University will send admit card to you before 20 days of the commencement of examination. In case you do not receive the admit card you may contact Course coordinator, **School of Disaster and Climate Studies (SDCS)** of CUTM University

You may download your admit cards from University website www.cutm.ac.in in and the same would be valid provided you carry your Identity Card along with it.

Examination Centre

Centurion University Campus is your examination centre. The University at its discretion, it may allot you to any of its campuses. Examination center other than your campus. For the change In examination center students should apply at the time of examination form fill up to Registrar, CUTM

Your enrolment number is very important as it will be your key reference point for the university including examinations. You have be very careful as any mistake in writing the unique number will result in withheld of your results.

Declaration of Result

There are some specific reasons on the basis of which your results can be withheld, all the terms and conditions applicable to this course will be mentioned in the study guide document which will be given to you soon after your admission is confirmed. Although, the results will be mostly declared on time. However, there will be no binding on the University to declare the results on a particular date or timeframe.

Early Declaration of Result

In order to facilitate the students who have got offer of admission and/or selected for employment etc. and are required to produce marks-sheet/grade card by a specified given date may apply for early processing of their answer scripts and declaration of the results for this purpose. The students are required to apply in the specified format which is available in this Programme Guide with the prescribed fee. The students can submit their request for early declaration before the commencement of the Term-end Examination, i.e. before 1st June and 1st December respectively. The University in such cases will make arrangements for processing the answer scripts and declare the result as a special case.

Re-evaluation of Scripts

There is provision for re-evaluation of answer scripts. The students can apply in the prescribed form which is available in the Programme Guide for re-evaluation of answer script against payment of Rs.300 per course by means of demand draft drawn in favor of **School of Disaster and Climate Studies (SDCS)** Bhubaneswar within one month of the date of declaration of result.

Course coordinator at **School of Disaster and Climate Studies (SDCS)** office is the contact point for you. The University will put up all the information and communication on its website and students are advised to keep themselves updated on the same. Urgent and important communications will be sent to students through course coordinator of **SDCS**. The students are therefore, advised to be in touch with their Coordinator for day-to-day information about

assignments, submission of examination forms, date-sheet, list of students admitted to a particular examination, declaration of result, etc.

Detail diploma courses on Disaster Risk Reduction hyperlinked

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