CM682: Disaster Management

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<th>Teaching Scheme</th>
<th>Credits</th>
<th>Marks Distribution</th>
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<td>3 2 0 5</td>
<td>70 30</td>
<td>30 20</td>
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<td>Total Marks 150</td>
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Course Content:

1. **Objectives:**

   Overview of Disaster Management - Distinguishing between an emergency and a disaster situation. Disaster Management Cycle - Phase I: Mitigation, and strategies; hazard identification and vulnerability analysis. Disaster Mitigation and Infrastructure, impact of disasters on development programmes, vulnerabilities caused by development, developing a draft country-level disaster and development policy.

2. **Phases:**

   Disaster Management Cycle - Phase II: Preparedness, Disaster Risk Reduction (DRR), Emergency Operation Plan (EOP), Mainstreaming Child Protection and Gender in Emergency Planning, Assessment, Disaster Management Cycle - Phases III and IV: Response and recovery, Response aims, Response Activities, Modern and traditional responses to disasters, Disaster Recovery, and Plan, Disasters as opportunities for development initiatives.

3. **Disaster Community:**

   Community-based Initiatives in Disaster management, need for Community-Based Approach, categories of involved organizations: Government, Non-government organizations (NGOs), Regional And International Organizations, Panchayats, Community Workers, National And Local Disaster Managers, Policy Makers, Grass-Roots Workers, Methods Of Dissemination Of Information, Community-Based Action Plan, Advantages/Disadvantages Of The Community-Based Approach.
4 **Disaster Planning:**


5 **Applications of science and technology for disaster management**

Geo informatics in Disaster Management: RS, GIS, GPS Disaster safe design and construction. Structural and non-structural mitigation of disasters. S&I Institutions for Disaster Management in INDIA.

| Total Hrs. | 42 |

**Reference Books:**

10. NICMAR Publications.