

# University of Mumbai




No. UG/ 03 of 2021

## CIRCULAR:-

Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Faculty of Humanities.

They are hereby informed that the recommendations made by the Board of Studies in **Geography** at its meeting held on 29<sup>th</sup> November, 2019 **vide** item No. 3 and subsequently passed by the Board of Deans at its meeting held on 5<sup>th</sup> December, 2019 **vide** item No. 31 have been accepted by the Academic Council at its meeting held on 23<sup>rd</sup> February, 2021, **vide** item No. 4.1 and subsequently approved by the Management Council at its meeting held on 9<sup>th</sup> April, 2021 **vide** item No. 15 and that in accordance therewith, in exercise of the powers conferred upon the Management Council under Section 74(4) of the Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) the Ordinance 6611 & 6612 Regulations 9354 & 9355 and introduce of **Diploma Course in Disaster Management** has been introduced and the same have been brought into force with effect from the academic year **2020-21**. (The said course might be introduced from the academic year 2021-2022 in the wake of prolonged Covid-19 pandemic situation in the country) accordingly. (The same is available on the University's website [www.mu.ac.in](http://www.mu.ac.in)).

MUMBAI - 400 032  
1<sup>st</sup> June, 2021

  
(Dr. B.N. Gaikwad)  
I/c. REGISTRAR

To,

The Principals of the Affiliated Colleges and Directors of the recognized Institutions in Faculty of Humanities. (Circular No. UG/334 of 2017-18 dated 9<sup>th</sup> January, 2018.)

A.C/4.1/23/02/2021  
M.C/15/9/04/2021

\*\*\*\*\*

No. UG/ 03 of 2021

MUMBAI-400 032

1<sup>st</sup> June, 2021

Copy forwarded with Compliments for information to:-

- 1) The Chairman, Board of Deans
- 2) The Dean Faculty of Humanities,
- 3) The Chairman, Board of Studies in Geography,
- 4) The Director, Board of Examinations and Evaluation,
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,

  
(Dr. B.N. Gaikwad)  
I/c. REGISTRAR

**Copy to :-**

- 1. The Deputy Registrar, Academic Authorities Meetings and Services (AAMS),**
- 2. The Deputy Registrar, College Affiliations & Development Department (CAD),**
- 3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
- 4. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
- 5. The Deputy Registrar, Executive Authorities Section (EA),**
- 6. The Deputy Registrar, PRO, Fort, (Publication Section),**
- 7. The Deputy Registrar, (Special Cell),**
- 8. The Deputy Registrar, Fort/ Vidyanagari Administration Department (FAD) (VAD), Record Section,**
- 9. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**

**They are requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to in the above circular and that on separate Action Taken Report will be sent in this connection.**

- 1. P.A to Hon'ble Vice-Chancellor,**
- 2. P.A Pro-Vice-Chancellor,**
- 3. P.A to Registrar,**
- 4. All Deans of all Faculties,**
- 5. P.A to Finance & Account Officers, (F.& A.O),**
- 6. P.A to Director, Board of Examinations and Evaluation,**
- 7. P.A to Director, Innovation, Incubation and Linkages,**
- 8. P.A to Director, Board of Lifelong Learning and Extension (BLLE),**
- 9. The Director, Dept. of Information and Communication Technology (DICT) (CCF & UCC), Vidyanagari,**
- 10. The Director of Board of Student Development,**
- 11. The Director, Department of Students Welfare (DSD),**
- 12. All Deputy Registrar, Examination House,**
- 13. The Deputy Registrars, Finance & Accounts Section,**
- 14. The Assistant Registrar, Administrative sub-Campus Thane,**
- 15. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
- 16. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
- 17. The Assistant Registrar, Constituent Colleges Unit,**
- 18. BUCTU,**
- 19. The Receptionist,**
- 20. The Telephone Operator,**
- 21. The Secretary MUASA**

**for information.**

(Appendix 'B')

**Diploma Course in Disaster Management**

**EXPLANATION TO QUERY AS UNDER**

Point	Query	Explanation
1	Necessity of starting these courses	We need to have: <ol style="list-style-type: none"><li>1. Awareness for mitigating the disaster among the common citizens so as to reduce the pressure on civic administration in case of any disaster event.</li><li>2. To reduce/lessen the incidents/impact of any disaster.</li><li>3. To provide preliminary trained personnel's to tackle disaster in the field.</li></ol>
2	Whether UGC has recommended to start the said course?	Yes, As per circular dated 27th November, 2012. ( file attached)
3	Whether all the courses commenced from the academic year 2019-20?	No, this course is yet start.
4	The courses started by the university are self financed, whether adequate number of permanent eligible faculties is available?	This Course is designed as self-financed course. Adequate permanent eligible faculties for teaching theory paper are available in the department of geography. However for practical training help/MOU will be undertaken with the GMMC's Disaster Management Cell.
5	To give details regarding duration of the course and is it possible to compress the course.	<ol style="list-style-type: none"><li>1. It is a Diploma Course of six months. As per the standard norms to complete the course.</li><li>2. The course designed is a compressed one.</li></ol>
6	The intake capacity of each course and number of admissions given in the academic year 2019-20	The intake capacity of the said course is 40 candidates in each batch. The department of Geography of University of Mumbai is yet to start this course; therefore none of the admissions are given in the academic year 2019-20.
7	Opportunities/Employability available after undertaking these courses.	The Opportunities/Employability available after undertaking these courses is as under: <ol style="list-style-type: none"><li>1. Private sector producing/handling harmful products</li><li>2. Government Sector Disaster management Cell</li><li>3. Moreover awareness and preparedness of every citizen as front line soldier is essential to any nation.</li></ol>

		4. It is made mandatory by University Grants Commission (UGC).
--	--	--

AC:.....

Item NO.:.....

## UNIVERSITY OF MUMBAI



**Program: Diploma**

**Course: Disaster Management**

**Syllabus**

(Diploma Course of 6 months with effect from the

Academic Year 2020-21)

Cover Page

AC \_\_\_\_\_  
Item No. \_\_\_\_\_

**UNIVERSITY OF MUMBAI**



**Syllabus for Approval**

Sr. No.	Heading	Particulars
1	Title of the Course	Diploma Course in Disaster Management
2	Eligibility for Admission	XII standard examination passed in any branch from Maharashtra State Board of Higher Education or its equivalent board.
3	Passing Marks	55%
4	Ordinances / Regulations ( if any)	Enclosed
5	No. of Years / Semesters	Six months
6	Level	P.G. / U.G./ Diploma / Certificate ( Strike out which is not applicable)
7	Pattern	Yearly / Semester ( Strike out which is not applicable)
8	Status	New / Revised ( Strike out which is not applicable)
9	To be implemented from Academic Year	From Academic Year <u>2020-2021</u>

Date: 29/11/2019

Signature :

Name of BOS Chairperson / Dean : Dr. Shivram A. Thakur

**Department of Geography**  
**Draft ordinance, Regulations and Syllabus related to the**  
**DIPLOMA COURSE IN DISASTER MANAGEMENT**

**O. 6611** : **Title of Course**  
 ‘Diploma Course in Disaster Management (DCDM)’

**O. 6612** : **Eligibility**  
 A candidate for being eligible at admission to the Diploma Course in Disaster Management (DCDM) must have passed XII standard examination in any branch from Maharashtra State Board of Higher Education or as equivalent thereto.

**R.9354** : **Duration of Course**  
 The duration of Diploma Course in Disaster Management (DCDM) will be of six months.

**R. 9355** : **Intake Capacity:**  
 40 candidates in one batch

**Teachers:** Post Graduate in Geography, Environmental Science, Disaster Management, M-Phil, M-tech, PhD, Sitting and Retired Government Qualification Senior Officers, and experts from Industries, and as per the norms laid down by the University of Mumbai.

**Regulation:** **Fees**

S. N.	Heads	Amount (Rs.)
1.	Tuition Fee	3500
2.	Registration Fee	200
3.	Admission Processing Fee	100
4.	Examination Fee	700
5.	Mark Sheet	50
6.	Study Material & Updating	600
7.	Library Fee	200
8.	Identity Card	50
9.	Onsite Demonstration Charges	200
10.	Computer / Internet Fee	200
11.	Vice Chancellors Fund	20
12.	Student Welfare	20
13.	University Sports & Cultural Activities	20
14.	Disaster Relief Fund	10
15.	Group Insurance	30
16.	Miscellaneous	100
Total Fees :		6000

**Regulation:****Examination**

The examination of the diploma will be held in ONE part - at the end of diploma.

**Regulation:****Standards of Passing of Examination**

To pass this six month Diploma Course in Disaster Management, the candidate must obtain a minimum of 40 percent marks overall in respective paper at the end of term exam).

Less than 40 % - Fail

40 % to 50 % - Pass

51 % to 59 % - Second Class

60 % to 74% - First Class

75 % & above - Distinction

**Regulation:****Pedagogy (Instructional System)**

The instructional system for DCDM is based on theoretical lectures and field based practical's . Audio – video programme, case studies, group work, assignments and presentation. The course envisages active participation approach

**Regulation:****Course Evaluation**

Assignment	: 10 %
Group work and presentation	: 10 %
Field, Visit and Report writing	: 10 %
Practical Test Viva etc	: 20 %
End-term test	: 50 %

**Regulation:****Course Timing**

4 hours a day – two days in a week

The fees for the course are proposed to be Rs. 6000. With the intake capacity of 40 candidates the amount to be collected will be Rs. 240000.00. The recurring expenses are estimated to be

Rs. 1, 50,000. 00.

The sinking fund for collective expenditure of the centre like publicity for the courses etc. will be Rs. 90,000.00

**University of Mumbai**  
**Department of Geography**  
**Draft ordinance, Regulations and Syllabus related to the**  
**DIPLOMA COURSE IN DISASTER MANAGEMENT**

**Total Hours: 120 hours**

**PAPER I: Introduction of Disaster and its Management (40 hours)**

1. Origin of Concept of Disaster
2. Definition, features and impact of disaster
3. Classification of Disaster
4. Hazard, Vulnerability, Risk Assessment

**Practical Component:** Case studies, Assignment and Presentation

**PAPER II: Disaster Management Cycle (40 hours)**

1. Disaster Preparedness
2. Mitigation and Prevention
3. Disaster Response
4. Recovery, Rehabilitation, Reconstruction

**Practical Component:** First Aid/ CPR/Lifting and carrying methods, improvised Stature. Rope Rescue, Fire Fighting etc.)

**PAPER III: Institutional and Legal Framework for Disaster Management (40 hours)**

1. Disaster Management Act.
2. Role of Institutions in Disaster Management – NDMA, NIDM, NDRF,
3. and NGO
4. Role of District Authority in Disaster Management.
5. Financial Security for Disaster Affected Society / Role of Financial
6. Institutions for security of Disaster Affected Society.

**Practical Component:** Field Visit and Report writing

**References:**



1. Bose, B.C.(2008): Disaster Management in the 21st Century,
2. Dilip Kumar Sinha(2007)
3. Natural Disaster Reduction: Global Perspectives, South East Asian Realities and Global Strategies (Anthem Press India) [ILLUSTRATED] (Hardcover)-
4. Singh, S.R.(2008) Disaster Management,
5. Rawat, (2006) Natural Hazards and Disaster Management: Vulnerability and Mitigation/edited by R.B. Singh. New Delhi.
6. 'National Disaster Management Guidelines' Management of Urban Flooding (September 2010) National Disaster Management Authority, Government of India, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi - 110 029.
7. Municipal Corporation of Greater Mumbai , Flood Preparedness Guidelines- 2019, website: dm.mcgm.gov.in Mobile App: Disaster Management MCGM.
8. Greater Mumbai District, Disaster management Plan 2018,, Greater Mumbai Disaster Management Authority, Disaster Management Department, MCGM
9. George D. Haddow ( 2007): Introduction to Emergency Management-, Published by Butterworth-Heinemann.
10. Govt. of India: Disaster Management Act 2005, Government of India, New Delhi.
11. Government of India, 2009. National Disaster Management Policy,
12. Gupta Anil K, Sreeja S. Nair( 2011): Environmental Knowledge for Disaster Risk Management, NIDM, New Delhi
13. Kapur Anu (2010): Vulnerable India: A Geographical Study of Disasters, IIAS and Sage Publishers, New Delhi.

### **Books for Further Reading:**

1. Talwar,Arun Kumar,Juneja and satish(2008) : Encyclopedia of Disaster management(10 volumes)- saujanya books, Delhi
2. Keith Smith (2004) Environmental Hazards: Assessing Risk and Reducing Disaster. Routledge Publication,,: New York. Earthquakes: Disaster & Survival(2005) –Jennifer Reed
3. Trivedi,Priya ranjan(Ed.)D elhi,2007 Encyclopedia of disaster management (12 volumes)-
4. Damon P. Coppola(2006) : Introduction to International Disaster Management.
5. Smith K and Petley DN. (2009): Environmental Hazards: Assessing risk and reducing disaster. 5th edition, Routledge: New York.
6. Abramovitz, J. (2001): Unnatural Disasters. Worldwatch Paper No. 158. Worldwatch Institute: Washington, D.C. (PDF file available on UW-Learn)
7. Parasuraman S, Acharya Niru (2000): Analysing forms of vulnerability in a disaster, The Indian Journal of Social Work, vol 61, issue 4, October
8. Brian Tomaszewski (2014) : Geographic Information Systems (GIS) for Disaster Management- CRC Press, 19-Dec-2014 - [Social Science](#)