



**Guru Gobind Singh Indraprastha University**  
"A State University established by the Govt. of NCT of Delhi"  
Dwarka, Sector-16/C, Delhi-110078 Website: <http://ipu.ac.in>  
**Centre of Excellence in Disaster Management**



GGSSIPU/CEDM/2024/6(3)2/ 447

Dated: 19<sup>th</sup> January, 2024

**Notification**

**Sub: Revision of the Scheme, Syllabus and eligibility criteria of One Year Post Graduate Diploma and Two Year MBA (Disaster Management) Weekend Programme as per the New Education Polity 2020 w.e.f. Academic Session 2024-25**

This is for information of all concerned that the Competent Authority (Academic Council), Guru Gobind Singh Indraprastha University has approved revision of the Scheme, Syllabus and eligibility criteria of One Year Post Graduate Diploma and Two Year MBA (Disaster Management) Weekend Programme as per the New Education Polity 2020 w.e.f. Academic Session 2024-25 in its 57<sup>th</sup> meeting held on 20<sup>th</sup> December, 2023 vide Agenda item no. 57.39, as attached herewith.

**(Prof. Amarjeet Kaur)**  
**Director, CEDM**

**Copy forwarded to the following for information & necessary action to:**

1. Director, Academic Affairs, GGS Indraprastha University.
2. Controller of Examination – I & II, GGS Indraprastha University
3. Controller of Finance, GGS Indraprastha University
4. AR to Hon'ble VC, GGS Indraprastha University
5. AR to Registrar, GGS Indraprastha University
6. Head (UITS), GGS Indraprastha University
7. Guard File



**Guru Gobind Singh Indraprastha University**  
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**Sector – 16C Dwarka, New Delhi – 110078**  
**(Coordination Branch)**

Ph:011-25302135-136, Website: www.ipu.ac.in  
Email: coordination112@gmail.com, coordination112@ipu.ac.in



F.No.: GGSIPU/Coord./57<sup>th</sup> AC/2023/967

Dated: 28<sup>th</sup> December, 2023

**CIRCULAR**

**Sub: Minutes of the 57<sup>th</sup> meeting of the Academic Council of the Guru Gobind Singh Indraprastha University**

Please find enclosed herewith the minutes of the 57<sup>th</sup> meeting of the Academic Council of the Guru Gobind Singh Indraprastha University, held through offline/ online mode on 20.12.2023 at 11.00 AM.

  
(Sunita Shiva)  
Registrar

F.No.: GGSIPU/Coord./57<sup>th</sup> AC/2023/967

Dated: 28<sup>th</sup> December, 2023

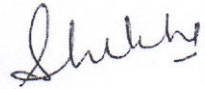
To,

1. Dean- USBAS/ USBT/ USCT/ USEM/ USICT/ USHSS/ USMC/ USLLS/ USM&PMHS/ USMS/ USAP/ USE/ USAR/ USDI, GGSIP University.
2. Director- Academic Affairs/ Coordination/ Students' Welfare/ CEDM/ Development/ International Affairs/ CEPS/ Research and Development Cell/ Legal Aid / Research Project Monitoring & Innovation/IUIIC/ CCGPC/ East Campus, GGSIP University.
3. Librarian, GGSIP University.
4. Prof. J.L. Gupta, Delhi University, Resi: CP-18, Maurya Enclave, Pitampura, Delhi-110034.
5. Dr. Mahesh Patel, Professor of Pathology, B. J. Medical College Civil hospital Ahmedabad-380016. Resi: F001, Shilalekh Society, Shahibaug, Ahmedabad-380004.
6. Dr. Ashok Chakradhar, Former Head, Department of Hindi, Jamia Millia Islamia, Resi: J- 116, Sarita Vihar, New Delhi-110076.
7. Prof. Rajiv Kapoor, Department of Electronics and Communication Engineering, Delhi Technological University, Shahbad Daultapur, Bawana Road, Delhi-110042.
8. Dr. Sanjeev Kumar Singhal, CA, Member Central Council, The Institute of Chartered Accountants of India, New Delhi, Resi: C-2/164 West Enclave Pitampura Delhi-110034.
9. Prof. (Dr.) Sangeeta Talwar, Director – Principal, Maulana Azad Institute of Dental Sciences, MAMC Complex, BSZ Marg, New Delhi-110002.
10. Prof. (Dr.) Alka Chawla, Campus Law Centre, Faculty of Law, University of Delhi, Delhi-110007.
11. Sh. Ashish Gupta, Jt. Hony. Secretary, The Indian Institute of Architects, Northern Chapter, 3/19, Basement, Nehru Enclave, New Delhi-110 019.
12. Prof. Kavita Singh, Faculty of Management Studies, University of Delhi – 110007.
13. Prof. Aejaz Masih, Department of Educational Studies, Jamia Millia Islamia, Jamia Nagar, New Delhi – 110025.
14. Prof. Prodyut Bhattacharya, University School of Environment Management, GGSIP University.
15. Prof. Amit Prakash Singh, University School of Information Communication & Technology, GGSIP University.
16. Prof. Shalini Garg, University School of Management Studies, GGSIP University.
17. Prof. Lisa P. Lukose, University School of Law and Legal Studies, GGSIP University.

18. Dr. Satyabrata Mohapatra, University School of Basic & Applied Sciences, GGSIP University.
19. Prof. M.N. Hoda, Director, Bharti Vidhyapeeth's Institute of Computer Application & Management, A-4, Paschim Vihar, Rohtak Road, New Delhi-63.
20. Prof. Sonia Jindal, Principal, Gitarattan Institute of Advanced Studies and Training.
21. Prof. Bharti Dimri, Principal, Pradeep Memorial Comprehensive College of Education, Pratap Vihar, Kirari Extension, Nangloi- 110086.
22. Prof. Ravi K. Dhar, Director, Jagannath International Management School, Vasant Kunj, Delhi.

**Copy for information of the Competent Authority:**

1. AR to the Vice Chancellor Secretariat for kind information of Hon'ble Vice Chancellor, GGSIP University.
2. AR to the Registrar's Office for kind information of Registrar, GGSIP University.



**(Shikha Agarwal)**  
**Deputy Registrar (Coordination)**

**Agenda Item No. AC 57.35:** To consider and approve the start / introduction of weekend Certificate/ Diploma Courses in Foreign Languages- French, Japanese, German and Urdu through online mode w.e.f. the Academic Session 2024-2025.

The Academic Council considered and approved to start / introduction of weekend Certificate/ Diploma Courses in Foreign Languages- French, Japanese, German and Urdu through online mode w.e.f. the Academic Session 2024-2025, as proposed.

**Agenda Item No. AC 57.36:** To consider and approve increase in intake of 04-Year BA (English), MA (English) and MA (Economics) Programme running under the aegis of University School of Humanities and Social Sciences (USHSS).

The Academic Council considered and approved increase in intake of 04-Year BA (English), MA (English) and MA (Economics) Programme running in the University School of Humanities and Social Sciences (USHSS) as under:

S. No.	Programme	Existing Intake	Approved Intake
4.	04-Year BA (English)	60	120
5.	MA (English)	60	120
6.	MA (Economics)	40	60

**Agenda Item No. AC 57.37:** To consider and approve introduction/ start of 05-Year BA-MA Programme in Philosophy and Performing Arts under the aegis of University School of Humanities and Social Sciences (USHSS) w.e.f. Academic Session 2025-26.

The Academic Council considered and approved start of 05-Year BA-MA Programme in Philosophy and Performing Arts under the University School of Humanities and Social Sciences (USHSS) w.e.f. Academic Session 2025-26, as proposed.

**Agenda Item No. AC 57.38:** To consider and approve restructuring of all Under Graduate Programmes, which are not governed by any discipline specific regulatory body other than UGC as Four-Year Degree Programme in accordance with the Curriculum and Credit Framework of UGC as per NEP 2020 guidelines.

The Academic Council considered and approved restructuring of all Under Graduate Programmes, which are not governed by any discipline specific regulatory body other than UGC as Four-Year Degree Programme in accordance with the Curriculum and Credit Framework of UGC as per NEP 2020 guidelines, as proposed.

**Agenda Item No. AC 57.39:** To ratify the scheme, syllabus and eligibility criteria of One year Post Graduate Diploma and Two year MBA (Disaster Management) Weekend Programme as per the New Education Policy 2020 w.e.f. Academic Session 2024-25.

The Academic Council ratified the scheme, syllabus and eligibility criteria of One year Post Graduate Diploma and Two year MBA (Disaster Management) Weekend Programme as per the New Education Policy 2020 w.e.f. Academic Session 2024-25, as proposed in the agenda.

**Agenda Item No. AC 57.40: To consider and approve the Scheme & Syllabus of B.Tech Programme (Computer Science) offered at affiliated colleges/institutions under the aegis of USIC&T for the batch(s) admitted in the programme w.e.f. Academic Session 2023-24 onwards.**

The Academic Council considered and approved the Scheme & Syllabus of B.Tech Programme (Computer Science) offered at affiliated colleges/institutions under the aegis of USIC&T for the batch(s) admitted in the programme w.e.f. Academic Session 2023-24 onwards.

**Agenda Item No. AC 57.41 : To consider and approve the scheme and syllabus (1<sup>st</sup> year) of BCA programme of Four-Year Degree Programme as per the NEP 2020 guidelines and UGC Curriculum & Credit Framework for Undergraduate programme (CCFUP) (Dec 2022), being run in Affiliated Institution of GGSIP University under the aegis of USIC&T w.e.f. the Academic Session 2024-25.**

The Academic Council considered and approved the scheme and syllabus (1<sup>st</sup> year) of BCA programme of Four-Year Degree Programme as per the NEP 2020 guidelines and UGC Curriculum & Credit Framework for Undergraduate programme (CCFUP) (Dec 2022), being run in Affiliated Institution of GGSIP University under the aegis of USIC&T w.e.f. the Academic Session 2024-25.

**Agenda Item No. AC 57.42 : To consider and approve the start Post-Graduate Programme(s) of studies at the Master of Technology (M.Tech) level, pursuant to the AICTE endeavor to start new Programme(s) in emerging areas of technology in Affiliated Institutes of GGSIP University under aegis of USIC&T.**

The Academic Council considered and approved to start the following Post-Graduate Programme(s) of studies at the Master of Technology (M.Tech) level, pursuant to the AICTE endeavor to start new Programme(s) in emerging areas of technology in Affiliated Institutes of GGSIP University under aegis of USIC&T:

1. Master of Technology - Computer Science and Engineering
2. Master of Technology - Information Technology
3. Master of Technology - Electronics and Communications Engineering
4. Master of Technology - Robotics and Automation

CS

**Scheme of Examination**  
**&**  
**Syllabus**  
**For**  
**One year Post Graduate Diploma (Module I& II)**  
**&**  
**Two year MBA (Module I, II, III & IV)**  
**In**  
**Disaster Management (Weekend Program)**  
**[w.e.f. Academic Session 2024-25 onwards]**

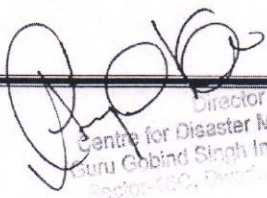


**CENTRE OF EXCELLENCE IN DISASTER MANAGEMENT (CEDM)**

**Guru Gobind Singh Indraprastha University**

**Sector-16 C, Dwarka, New Delhi 110078**

**[www.ipu.ac.in](http://www.ipu.ac.in)**

  
Director CEDM  
Centre for Disaster Management Studies  
Guru Gobind Singh Indraprastha University  
Sector-16C, Dwarka, New Delhi-110078

## **Vision**

- To be the Leading Centre of Excellence for the Disaster Management Education and Research in the Country.

## **Mission**

- To effectively prepare Manpower in the Core Area of Disaster Risk Reduction, Disaster Prevention, Disaster Response and Rehabilitation through Training and Capacity Building.

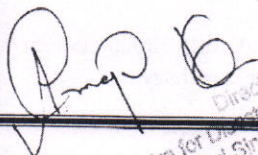
## **Program Outcome (PO):**

The Students of Post Graduate Diploma and M.B.A. (Disaster Management) are expected:

- PO1:** To Understand Conceptual Knowledge with an Integrated Approach to various Functions of Disaster Management.
- PO2:** To Analyze and Apply Research and Analytical Skills in Decision Making During Disaster.
- PO3:** To Demonstrate the Skills of Organizing, Planning, Controlling, Team-Building and Leadership in the Challenging Environment of Disaster Management.
- PO4:** To Understand New Technologies in the Area of Disaster Risk Reduction, Disaster Prevention and Disaster Response and Rehabilitation etc.
- PO5:** To Build a Sustainable Disaster Management Plan.

## **Program Specific Outcomes (PSO):**

- PSO1:** Acquire Practical Learning Opportunity through Industrial/Field Visits, Minor Project and Dissertation.
- PSO2:** Acquire In-Depth Knowledge in the Core Area of Disaster Risk Reduction to Solve the Complex Challenges in Disaster Situations.



Director CDMS  
Centre for Disaster Management Studies  
Guru Gobind Singh Indraprastha University  
Sector-15C, Dwarka, New Delhi-110077

## Two Year MBA (Disaster Management)

### Syllabus and Scheme

(Weekend Program) w.e.f. 2024 Batch Onwards

Module 1 (First Semester)		Credit Hours			Core/Ability Enhancement/ Inter-Disciplinary
		L	T	C	
MDM 101	Dimensions of Natural and Human Induced Disasters	3	1	4	Core
MDM 103	Laws, Governance and Institutional Framework for Disasters Management	3	1	4	Core
MDM 105	Fire Hazards, Safety and Risk Reduction	3	1	4	Ability Enhancement
MDM 107	Medical Preparedness, Public Health and Psycho-Social Care in Disaster Management	3	1	4	Inter-Disciplinary
MDM 109	Climate Change and Disaster Risk Reduction	3	1	4	Inter-Disciplinary
<b>Practical</b>					
MDM 151	Field Visit to Disaster Sites/ Vulnerable Area/ Industries/ DM Centers and Presentation	0	0	4	Ability Enhancement
<b>Total</b>		24			
<b>Module 2 (Second Semester)</b>					
MDM 102	Industrial Security and Safety Management	3	1	4	Core
MDM 104	Role of Information and Communication Technology in Disaster Management	3	1	4	Core
MDM 106	Community Based Disaster Management	3	1	4	Inter-Disciplinary+ Ability Enhancement
MDM 108	Supply Chain Management in Disaster	3	1	4	Core + Ability Enhancement
MDM 110	Incident Response System*	1	2	3	Inter-Disciplinary
MDM 112	Table Top and Mock Exercises*	0	0	3	Ability Enhancement
MDM 114	Minor Project Work and Presentation*	0	0	8	Core + Ability Enhancement
<b>Total</b>		30			
<b>Total Credits (Module I + Module II)</b>		54(24+30)			
<b>Module 3 (Third Semester)</b>					
MDM 201	Organizational Behaviour and Management	3	1	4	Core
MDM 203	Quantitative Techniques and Research Methodology in Disaster Management	3	1	4	Core + Ability Enhancement
MDM 205	Financial Aspects of Disaster, Risk Transfer and Business Continuity	3	1	4	Inter-Disciplinary
MDM 207	Geoinformatics and its Application in Disaster Management	3	1	4	Inter-Disciplinary
MDM 209	Cyber Security and Disaster Management	3	1	4	Inter-Disciplinary
<b>Electives (Any One)</b>					
MDM 211	Fire and Life Safety Audit (Elective)	3	1	4	Core
MDM 213	Disaster Risk Reduction, Mitigation and Response (Elective)	3	1	4	Inter-Disciplinary
MDM 215	Entrepreneurship Development (Elective)	3	1	4	Core + Ability Enhancement
MDM 217	Environment Impact Assessment, Policies and PDNA in Disaster Risk Management (Elective)	3	1	4	Inter-Disciplinary
<b>Total</b>		24			



Module 4 (Fourth Semester)					
MDM 202	Dissertation*	0	0	22	Ability Enhancement
MDM 204	Dissertation Presentation and Viva Voce*	0	0	8	Ability Enhancement
	<i>Total</i>	30			
	<b>Total Credits (Module III + Module IV)</b>	54 (24+30)			
	<b>Total Credits of (Module I + Module II + Module III + Module IV)</b>	108 (24+30+24+30)			

**\*Non-University Examination System**

**I. One Year PG Diploma in Disaster Management (Module I and II/ First and Second Semester)**

- a) Module I and Module II (First Semester and Second Semester) is Equivalent to **One Year PG Diploma** in Disaster Management
- b) Total Credits Offered in First Semester + Second Semester = 54 (24+30)  
Required Credits for Award of One Year PG Diploma = 50

**II. Two Year MBA in Disaster Management (Module I, II, III and IV/ First, Second, Third and Fourth Semester)**

- a) Module I (First Semester) + Module II (Second Semester) + Module III (Third Semester) + Module IV (Fourth Semester) is Equivalent to **Two Year MBA** in Disaster Management
- b) Total Credits Offered in First Semester + Second Semester + Third Semester + Fourth Semester = 108 (24+30+24+30)  
Required Credits for Award of MBA in Disaster Management = 100

**A. Eligibility Criteria:**

1. Graduate or Equivalent in any Subject with Minimum 50% Marks in Aggregate.
2. At Least One Year Professional Experience.

**B. Admission Criteria:**

1. Percentage of Marks Secured in The Qualifying Examination on a 100 Point Scale.
2. One Marks each for an Additional Year of Relevant Experience put up to a Maximum of 15 Additional Marks.
3. Personal Interview Marks on a 25 Point Scale.
4. The Final Merit List Shall be Prepared on The Basis of Marks Earned by Each Candidate out of 140 Comprising Percentage of Marks Obtained in Eligibility Qualification, Experience and Marks Obtained in Personal Interview.

**Total No. of Seats: 60**

*[Handwritten Signature]*

**MODULE I**  
**(FIRST SEMESTER)**

**OF**

**Two Years MBA (Weekend Program)**

**In**

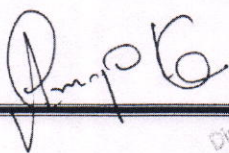
**Disaster Management**

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**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY**  
**MBA – Disaster Management (Weekend Program)**

**Dimensions of Natural and Human Induced Disasters**

**Course Code: MDM 101**

**L-3 T-1 C-4**

**Course Outcome**

- CO 1:** To Understand about Various Types of Disasters and Disaster Management Cycle.  
**CO 2:** To Understand Causes Impacts and Mitigation Measure of Natural Disasters.  
**CO 3:** To Understand Causes, Impacts and Mitigation Measures of Human induced Disasters.  
**CO4:** To Understand National Disaster Management Guidelines.

**Unit 1: Introduction of Disasters**

Definition of Disaster, Types of Disasters: Natural and Human Induced Disasters, Disaster Management Cycle and Disaster Profile of India.

**Unit 2: Natural Disasters**

Causes, Impacts and Mitigation Measures: Earthquakes, Floods, Flash Floods, GLOF, Droughts, Landslides, Avalanches, Cloud Bursts, Lightning, Cyclone, Tsunami, Volcano, Hurricanes, Heat wave and Cold Wave.

**Unit 3: Human Induced and other Disasters**

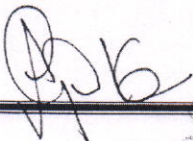
Causes, Impacts and Mitigation Measures: Industrial Hazards, Urban Fires, Forest Fires, Coal Mine Fires, Oil Spills, Building Collapse and Stampede, Chemical, Biological, Radiological and Nuclear (CBRN) Disaster.

**Unit 4: Guidelines**

National Disaster Management Guidelines.

**References:**

1. Bocker, E. and Grondille, R.V. (1999). Environmental Physics, John Wiley and Sons Ltd.
2. Bohle, H. G., Downing, T. E. and Watts, M. J. (1994). Climate Change and Social Vulnerability: Toward a Sociology and Geography of Food Insecurity, Global Environmental Change, No.4, 37-48.
3. Dennen, W.H. and Moore, B.R. (1986). Geology and Engineering, WCB Publishers, Iowa.
4. Khanna, B. K. (2014). Perils of Under Wanted To Learn About Disasters, New India Publishing Agencies, New Delhi.
5. Murk, B. W., Skinner, B. J. and Porter, S.C. (1996). Environmental Geology. Wiley, New York.
6. Kaul, B. K. (2011). Environmental Hazards and Disaster – Contexts Perspectives and Management, John Wiley and Sons.
7. NDMA Guidelines on Disaster Management.
8. Roy, A. B. (2010). Fundamentals of Geology. Narosa Publishing House.
9. Wallace, J.M. and Hobbs, P.V. (1977). Atmospheric Science: An Introductory Survey, Academic Press, New York.



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**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY**

**MBA – Disaster Management (Weekend Program)**

**Laws, Governance and Institutional Framework for Disasters Management**

**Course Code: MDM 103**

**L-3 T-1 C-4**

**Course Outcome**

- CO 1:** This Course is aimed to provide Students an In-Depth Knowledge about the Various Humanitarian, Institutional and Legal Initiatives taken to Mitigate Disasters at Global, National and Local Level.
- CO 2:** This Course is aimed at promoting a Culture of Prevention, Preparedness and Resilience at all Levels through Knowledge, Innovation and Education.
- CO 3:** This Course is aimed at enabling the Students to Undertake Reconstruction as an Opportunity to Build Disaster Resilient Structures and Habitat for Ensuring Safer Living.
- CO 4:** This Course will enable Students to Understand Disaster Management Framework in Select Countries.

**Unit 1: Disaster Management Framework in India**

Constitution of India, Disaster Management Act 2005, National Disaster Management Authority (NDMA), Disaster Management Framework at National, State, District and Local Level, Constitution of DDMA's and Roles and Responsibilities, Prime Minister Agenda of 10 Points, National Platform for Disaster Risk Reduction (NPDRR), National Disaster Management Policy 2009, National Disaster Management Plan 2016, Section 135 of Company Act 2016 India- Corporate Social Responsibility, its Scope, Utility and Initiative taken for DRR, Human Rights and Humanitarian Laws.

**Unit 2: International Framework for Disaster Management**

International Initiatives by UN: UNDRR, Yokohama Strategy, Hyogo Framework for Disaster Risk Reduction (2005-2013), Sendai Framework (2013-2030), Sustainable Development Goals, COP21- Paris Agreement 2015 and COP28.

**Unit 3: Role of National and International Agencies**

Armed Forces, CAPF and State Police, Medical Services, Civil Defense, Home Guards, NCC, NYK, NSS, Volunteers, Fire Services and National Red Cross Society etc., Role of UN Agencies: IFRC, FAO, WHO, SAARC, UNISDR and UNOCHA etc.

**Unit 4: Disaster Management Framework in Select Countries**

Institutional and Legal Framework in Certain Developed and Developing Countries, such as USA, Japan, South Africa and Bangladesh.

**References:**

1. Arnold, M. and Kreimer, A. (2000). Managing Disaster Risk in Emerging Economies, Disaster Risk Management, Series No. 2, World Bank, Washington, D. C.
2. Collins, L. R. and Schneid, T. D. (2000). Disaster Management and Preparedness, Taylor and Francis.
3. Disaster Management Act (2005).
4. Hyogo Framework for Action (2005-2015).
5. National Disaster Management Plan (2016).
6. National Disaster Management Policy (2009).

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7. Parasuraman, S. (2004). India Disasters Report: Towards A Policy Initiatives, Oxford University Press.
8. Sendai Framework for DRR (2015-2030). UNDRR.

