



**AJEENKYA**  
D Y PATIL UNIVERSITY  
THE INNOVATION UNIVERSITY

School of  
Management

## Value Added Course : **Disaster Management**



**Speaker : Dr. Dushyant Somvanshi**

**Course Coordinator : Dr. Manju Rughwani**

**Head of the School :**

**Dr. Makarand Joshi**

**Date : 27-31 August 2018**

**Time : 9.30pm to 4.:30pm**



## Circular

Dear Students,

We are pleased to announce a Value-Added Course titled "**Disaster Management**" for the **School of Management** students. This course aims to provide valuable insights into learning the Microsoft Excel.

### Details of the Course:

- **Dates:** 27-31 August 2018
- **Timings:** 9:30 to 4:30
- **Venue:** 8th Floor, Mini Auditorium, ULC
- **Guest Speaker:** Dr. Dushyant Somwanshi

We encourage all the students of School of Management to attend this online insightful course, which will help you in understanding Disaster Management.

For any further queries, feel free to contact the course coordinator Prof. Sadhana Jadhav.

**Note:** Attendance for this course will be considered in your overall academic performance.

Best Regards,

  
Dr. Makrand Joshi,

Head – School of Management





## About Value Added Course:

The Value-Added Course on Disaster Management provides a comprehensive understanding of disaster risk reduction, preparedness, response, and recovery, equipping students with the knowledge and skills to handle various types of disasters. The course covers both natural disasters, such as floods, cyclones, earthquakes, and landslides, as well as man-made disasters like fires, industrial pollution, nuclear incidents, and accidents. Students learn about the causes and effects of these disasters and study real-world examples to grasp their practical implications. The course emphasizes risk and vulnerability analysis, teaching students how to assess potential risks and develop strategies to reduce vulnerabilities in communities and systems. Disaster preparedness is another key focus, where students explore the development of preparedness plans, early warning systems, safety measures, and the roles played by governments, NGOs, international bodies, and IT in disaster management. Additionally, the course delves into disaster response strategies, covering essential actions like search and rescue, evacuation, logistical management, and addressing psychological impacts such as trauma and panic. The final section focuses on long-term recovery and rehabilitation, exploring damage assessment, disaster-resistant construction, sanitation, and the creation of sustainable livelihoods. This course equips students with critical skills to manage all phases of a disaster, from prevention to recovery, and helps them understand the importance of strategic planning in reducing disaster impact and supporting affected communities.

## Course Objectives:

### 1. Understand the Different Types of Disasters and Their Causes:

Students will learn to identify and differentiate between various types of disasters, including natural disasters like floods, earthquakes, and cyclones, as well as man-made disasters such as fires, industrial accidents, and terrorism.

### 2. Analyze Risk and Vulnerability Factors in Disaster Management:

This course will teach students the concepts of risk and vulnerability in disaster-prone areas. Students will learn how to assess risks and develop strategies for reducing vulnerability, especially in densely populated areas or regions with poor infrastructure.

### 3. Develop Effective Disaster Preparedness and Response Plans:

A key objective is to enable students to create comprehensive disaster preparedness and response plans. This includes predicting disasters, using early warning systems, and ensuring safety measures are in place. The role of governments, international bodies, and technology in enhancing preparedness will be explored.





#### 4. Coordinate Disaster Response and Relief Efforts:

Students will gain practical knowledge on how to respond during disasters, including search and rescue operations, evacuation, and logistics management. The course will also focus on handling psychological trauma & stress management during disaster situations.

#### Course Outcomes:

##### 1. Identify and Analyze Different Types of Disasters:

Upon completion of the course, students will be able to identify and differentiate between natural and man-made disasters. They will be capable of analyzing the causes and effects of each disaster type, using real-life examples to understand their impact on society, infrastructure, and the environment.

##### 2. Conduct Risk and Vulnerability Assessments:

Students will be able to assess disaster-related risks and vulnerabilities effectively. They will demonstrate the ability to develop strategic plans for risk reduction and vulnerability mitigation, applying analytical tools to minimize disaster impact on communities and organizations.

##### 3. Develop and Implement Disaster Preparedness Plans:

Graduates of the course will be equipped to design comprehensive disaster preparedness plans, incorporating early warning systems, safety measures, and the role of key stakeholders. They will be able to implement these plans in collaboration with governments, NGOs, and international bodies, utilizing technology and engineering solutions to enhance disaster readiness.

##### 4. Execute Effective Disaster Response and Psychological Management:

Students will have the skills to lead and participate in disaster response operations, including search and rescue, evacuation, and logistical support. They will also be able to manage psychological responses to disasters, such as trauma and panic, ensuring efficient coordination of relief and recovery efforts with various agencies and organizations.

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### Syllabus for Disaster Management

Unit	Content to be covered	No of Hrs
1	<b>Unit 1:</b> Introduction on Disaster Different Types of Disaster: A) Natural Disaster: such as Flood, Cyclone, Earthquakes, Landslides etc. B) Man-made Disaster: such as Fire, Industrial Pollution, Nuclear Disaster, Biological Disasters, Accidents (Air, Sea, Rail & Road), Structural failures (Building and Bridge), War & Terrorism etc. Causes, effects and practical examples for all disasters.	6
2	<b>Unit 2:</b> Risk and Vulnerability Analysis 1. Risk: Its concept and analysis 2. Risk Reduction 3. Vulnerability: Its concept and analysis 4. Strategic Development for Vulnerability Reduction	6
3	<b>Unit 3:</b> Disaster Preparedness and Response Preparedness 1. Disaster Preparedness: Concept and Nature 2. Disaster Preparedness Plan 3. Prediction, Early Warnings and Safety Measures of Disaster. 4. Role of Information, Education, Communication, and Training, 5. Role of Government, International and NGO Bodies. 6. Role of IT in Disaster Preparedness 7. Role of Engineers on Disaster Management.	6
4	<b>Unit 4:</b> Response 1. Disaster Response: Introduction 2. Disaster Response Plan 3. Communication, Participation, and Activation of Emergency Preparedness Plan 4. Search, Rescue, Evacuation and Logistic Management 5. Role of Government, International and NGO Bodies 6. Psychological Response and Management (Trauma, Stress, Rumor and Panic) 7. Relief and Recovery 8. Medical Health Response to Different Disasters	6
5	<b>Unit 5:</b> Rehabilitation, Reconstruction and Recovery 1. Reconstruction and Rehabilitation as a Means of Development. 2. Damage Assessment 3. Post Disaster effects and Remedial Measures. 4. Creation of Long-term Job Opportunities and Livelihood Options, 5. Disaster Resistant House Construction 6. Sanitation and Hygiene 7. Education and Awareness, 8. Dealing with Victims' Psychology, 9. Long-term Counter Disaster Planning 10. Role of Educational Institute.	6

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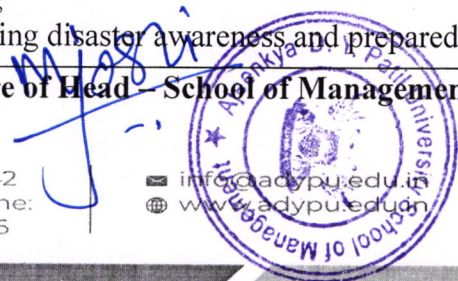
**Teaching Plan for the Value Added Course on Disaster  
Management**

<b>Date</b>	<b>Topics to be Covered</b>
27-08-2018	Definition and classification of disasters Natural disasters: Floods, cyclones, earthquakes, landslides Man-made disasters: Fires, industrial pollution, nuclear disasters, biological disasters, accidents (air, sea, rail, road), structural failures (buildings, bridges), war, and terrorism, Causes and effects of disasters Practical examples of various disasters Discussion on recent disaster events and their impact on society
28-08-2018	Risk and Vulnerability Analysis Concept and definition of risk in disaster management Risk analysis techniques Understanding vulnerability: Concept and analysis Strategic development for vulnerability reduction Risk reduction strategies for disaster-prone regions Case studies on risk and vulnerability in specific disaster scenarios
29-08-2018	Definition and concept of disaster preparedness Developing disaster preparedness plans Early warning systems and safety measures for disaster mitigation Role of information, education, and communication in disaster preparedness The role of governments, NGOs, and international bodies in disaster preparedness, Role of IT and engineers in disaster management Case studies on effective disaster preparedness and early warning
30-08-2018	Introduction to disaster response and emergency preparedness plans Communication, participation, and activation of emergency plans Search, rescue, evacuation, and logistics management in disaster response Psychological impact: Trauma, stress, rumor control, and panic management Role of governments, NGOs, and international bodies in relief and recovery efforts, Medical and health responses to disasters
31-08-2018	Post-disaster reconstruction and rehabilitation as a development strategy Damage assessment after a disaster Long-term planning for job creation and livelihood restoration in affected areas, Disaster-resistant house construction and infrastructure development Promoting sanitation, hygiene, and education post-disaster Dealing with victims' psychology in the recovery phase Long-term disaster resilience planning Role of educational institutions in raising disaster awareness and preparedness

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**Timetable for VAC Course on Disaster Management**

<b>Program Name :</b>	<b>MBA/BBA</b>				
<b>Version No. :</b>	<b>1</b>	<b>Semester :</b>	<b>I/III/V</b>	<b>Class :</b>	<b>I MBA /II MBA/I BBA/II BBA/III BBA</b>
<b>Ref. No: ADYPU/SOM/F-014</b>					
<b>Time / Day</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
9:30 – 4:30	VAC	VAC	VAC	VAC	VAC
Room no	Mini Audi	Mini Audi	Mini Audi	Mini Audi	Mini Audi

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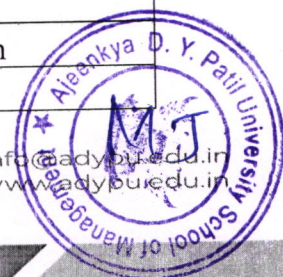
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**List of Students Enrolled for Value Added Course on Disaster Management**

SR NO	URN	Name of the Student
1	2017-M-03061996	Mansee More
2	2017-M-19101996	Bharati Verma
3	2018-B-28091999	Akash Dey
4	2018-B-14062000	Atharva Wakre
5	2018-B-20111998	Prakhar Khanna
6	2018-B-24091999A	Ayush Jaiswal
7	2018-B-07112000A	Aniruddh Jha
8	2018-B-03092000A	Prajwal Tembhurne
9	2017-B-30121998	Chahat Agarwal
10	2017-B-04111999A	Neha Yadav
11	2017-B-18071999	Sunita Parida
12	2017-B-26041999	Aishwarya Mudaliar
13	2017-B-08012000	Jagriti Tomar
14	2017-B-19022000A	Shruthi Mahadevan
15	2017-B-15121998	Alan Scaria
16	2017-B-14101999B	Pratiksha Gunjawate
17	2017-B-24031999	Shubham Srivastava
18	2017-B-08062000	Sonali Kalgude
19	2018-B-20032002	Vishesh Manish Agarwal
20	2018-B-23031998	Jash Hiren Desai
21	2018-B-05122000	Farhan Jameel Ahmad Khan
22	2018-B-06122001	Anshuman Vijay Pathak
23	2018-B-13092002	Deepak Manoj Yadav
24	2018-B-25102002	Vishakha Tanwar
25	2018-B-11042001	Lincy Velladurai Nadar
26	2018-B-07102003	Shrishti Amitabh Jain
27	2018-M-05021999	Pushker Nana Lal Dangi
28	2018-M-18111997	Saurabh Rajkumar Pillai
29	2018-M-12061999	Nameera Usman
30	2018-M-15101996	Muhammad Talib Aasif Miyan
31	2018-M-22101999	Tanvi Anand Singh





32	2018-M-08021996	Piyush Prabhakar Gawali
33	2018-M-08021999	Kavita Ratanlal Prajapati
34	2018-M-14121999	Rahul Rambriksh Yadav
35	2018-M-16061995	Yash Rahul Pingale
36	2018-M-30051995	Aishwarya Pravin Naik
37	2018-M-12081997	Tarun S Sarode
38	2018-M-01071998	Amrita Suman Nath Sanyal
39	2018-M-21061998	Nikita Tulsidas Chowdhari

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## Report for the Value Added Course on Disaster Management

Nature of Activity: Online	Title: Disaster Management	
Program Name: M.B.A/BBA	Semester: First & Third	
Time/ Duration: 9:30 – 4:30 PM	Date: 27-31 August 2018	Venue: 8 <sup>th</sup> Floor, Mini Auditorium, ULC
Guests: Dr. Harshal Salunkhe		

### Objectives of the Guest Session

1. Understand different types of disaster.
2. The key purpose was to understand risk and vulnerability analysis.

### Execution of the Session: Summary of session debriefs and experiential learning outcome from session:

The Disaster Management value-added course, was organized by School of Management, was conducted over 30 hours. The primary objectives were to help students understand different types of disasters and conduct risk and vulnerability analysis. Guest speaker Mr. Dushyant Somvanshi delivered insightful sessions, emphasizing the importance of risk reduction and disaster response planning. Throughout the course, students gained a comprehensive understanding of disaster management, including how to create disaster response plans and the critical role of risk reduction in minimizing disaster impact. The course effectively enhanced students' knowledge and preparedness for real-world disaster scenarios. Student attendance was high, and feedback indicated that participants found the course engaging and beneficial for their academic and professional growth.

### Student Feedback

1. Understood know-how during disaster.
2. Such sessions give insights on uncalled events. Very Helpful.

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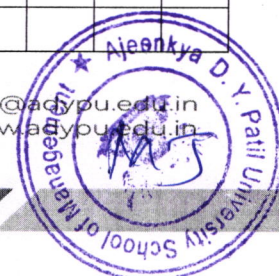
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**Attendance for Value Added Course Disaster Management**

SR NO	URN	Name of the Student	27/08/201	28/08/201	29/08/201	30/08/201	31/08/201
1	2017-M-03061996	Mansee More					
2	2017-M-19101996	Bharati Verma					
3	2018-B-28091999	Akash Dey					
4	2018-B-14062000	Atharva Wakre					
5	2018-B-20111998	Prakhar Khanna					
6	2018-B-24091999A	Ayush Jaiswal					
7	2018-B-07112000A	Aniruddh Jha					
8	2018-B-03092000A	Prajwal Tembhurne					
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16	2017-B-14101999B	Pratiksha Gunjawate					
17	2017-B-24031999	Shubham Srivastava					
18	2017-B-08062000	Sonali Kalgude					
19	2018-B-20032002	Vishesh Manish Agarwal					
20	2018-B-23031998	Jash Hiren Desai					
21	2018-B-05122000	Farhan Jameel Ahmad Khan					
22	2018-B-06122001	Anshuman Vijay Pathak					
23	2018-B-13092002	Deepak Manoj Yadav					
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27	2018-M-05021999	Pushker Nana Lal Dangi					





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35	2018-M-16061995	Yash Rahul Pingale					
36	2018-M-30051995	Aishwarya Pravin Naik					
37	2018-M-12081997	Tarun S Sarode					
38	2018-M-01071998	Amrita Suman Nath Sanyal					
39	2018-M-21061998	Nikita Tulsidas Chowdhari					

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**Evaluation Plan**

Evaluation Type	Evaluation Component	Max. Marks	Duration	Assessment Date	Required Passing Marks
Course End Examination	Multiple Choice	50	1 hour	04/09/2018	25

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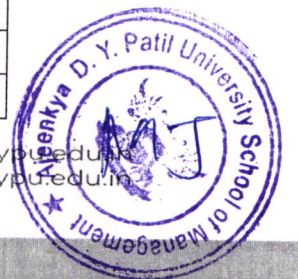
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**List of Students to whom Certificates were Issued**

SR NO	URN	Name of the Student
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15	2017-B-15121998	ALAN SCARIA
16	2017-B-14101999B	PRATIKSHA GUNJAWATE
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36	2018-M-01071998	Amrita Suman Nath Sanyal

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**School of  
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## CERTIFICATE OF COMPLETION

Awarded to

**Mr. Prajwal Tembhune**

for successful completion of

Value Added Course on **Disaster Management**

held from 27<sup>th</sup> August to 31<sup>th</sup> August 2018

& Secured \_\_\_\_\_B\_\_\_ Grade conducted by School of Management

*Sadhana*  
Co-ordinator

*myoshi*  
Head- School of  
Ajeenkya D.Y. Patil University, Pune



**AJEENKYA**  
D Y PATIL UNIVERSITY  
THE INNOVATION UNIVERSITY

**School of  
Management**

## CERTIFICATE OF COMPLETION

Awarded to

**Mr. Aniruddh Jha**

for successful completion of

**Value Added Course on Disaster Management**

held from 27<sup>th</sup> August to 31<sup>th</sup> August 2018

& Secured \_\_\_\_\_B\_\_\_ Grade conducted by School of Management

*Sadhana*  
Co-ordinator

*M. Jha*  
Head- School of  
Ajeenkya D.Y. Patil University, Pune