

SIIRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

(AFFILIATED TO DR. RAMMANOHAR LOHIA

AVADH UNIVERSITY, AYODHYA U.P.)



SESSION- 2020-21

CERTIFICATE COURSE NAME- ENVIRONMENTAL STUDIES

DEPARTMENT OF GEOGRAPHY

From,

Dr. Ramint Patel,

Department of Geography

Shri Lal Bahadur Shastri Degree College, Gonda.

To,

The Principal,

Shri Lal Bahadur Shastri Degree College, Gonda.

Sub: Proposal for Certificate Course in Environmental Studies

Respected Sir,

With reference to above mentioned subject, I am submitting herewith the proposal to conduct certificate course in environmental studies for the session 2020-21 by the Department of Geography of our college. This course will be helpful to open new conceptual ideas and practical knowledge about the new global strategies to overcome the problems of global weather challenges, among the Under/Post Graduate students of our college. Hope you will consider my application and I kindly request you to sanction the same. Thank you with regards.

Date:

Place:



Your's Truly

(Dr. Ramint Patel)

Department of Geography

Enclosure 1: Proposal

2: Curriculum and Design for the course

Shri Lal Bahadur Shastri Degrec College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Proposal for conducting Short Term Certificate Courses

1: Basic information about the applicant department:

Name of the College : Shri Lal Bahadur Shastri Degrec College, Gonda
Complete Postal Address of College: Civil Lines, Gonda, u.p.- 271001
Name of the Department : Geography

2: Details of course Proposal

Name of the course: Certificate course in Environmental Studies
Target group: Under/Post Graduate Students
Duration of the course: 3 Hrs.
Medium of instruction: Hindi/English
No. of students to be registered: 51

3. Details of the Faculty:

Whether college has any degree/diploma related to the proposed course YES(UG & PG Courses)

Whether the course is prepared by experts from related fields YES (By Departmental Faculty)

Information of Course Coordinator (to be appointed for the course)


Name	Department	Qualification	Experience
Dr Ramint Patel	Geography	M.A., Ph.D.	16 Years

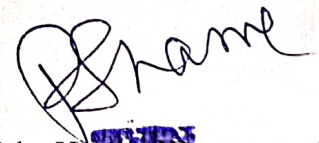
4. Details of the Physical Infrastructure Needed/ Available for the Course:

Classroom: Yes

Books/Reding Mterial: Yes, available in the central library of the college

Instruments: Yes


(Signature of the Course Coordinator)


(Signature of the Head of Department)


भूगोल विभाग
श्री लाल बहादुर शास्त्री महाविद्यालय
गोंदा - 271001

Unit	Topic	No. of lectures
1	Introduction to environmental studies <ul style="list-style-type: none"> ✓ Multidisciplinary nature of environmental studies ✓ Scope and importance; Concept of sustainable development 	2
2	Ecosystems <ul style="list-style-type: none"> ✓ What is an ecosystem? Structure And function of ecosystem; ✓ Energy Flow in an ecosystem; food chains, food webs and ecological succession. 	4
3	Natural Resources: Renewable and Non---renewable Resources <ul style="list-style-type: none"> ✓ Land resources and land use change; Land degradation, soil erosion and desertification. ✓ Deforestation: Causes and impacts due to mining, dam building on environment, forests and biodiversity. ✓ Water: Use And overexploitation of surface and ground water. ✓ Energy resources: Renewable and non-renewable energy sources, Use of alternate energy sources, Growing energy needs 	4
4	Biodiversity and Conservation <ul style="list-style-type: none"> ✓ Levels of biological diversity :genetic, species and ecosystem diversity; ✓ Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots ✓ Endangered and endemic species of India ✓ Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, ✓ biological invasions; Conservation of biodiversity. ✓ Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value. 	4
5	Environmental Pollution <ul style="list-style-type: none"> ✓ Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution etc, ✓ Nuclear hazards and human health risks ✓ Solid waste management ✓ Control Measures of urban and industrial waste. 	4
6	Environmental Policies & Practices <ul style="list-style-type: none"> ✓ Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. ✓ Environment Laws : Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; International agreements; 	4
7	Human Communities and the Environment <ul style="list-style-type: none"> ✓ Human population and growth: Impacts on environment, human health and welfares, ✓ Carbon foot-print. ✓ Disaster management: floods, earthquakes, cyclones and landslides. 	4

	<ul style="list-style-type: none"> ➤ Environmental movements: Chipko, Silent valley, Bishnios of Rajasthan. ➤ Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. ➤ Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi). 	
8	<p>Field work</p> <ul style="list-style-type: none"> ➤ Visit to an area to document environmental assets; river/forest/flora/fauna, etc. ➤ Visit to a local polluted site – Urban/Rural/Industrial/Agricultural. ➤ Study of common plants, insects, birds and basic principles of identification. ➤ Study of simple ecosystems-pond, river (Ganga) 	4

Suggested Readings:

1. Casper J.K. (2010). Changing Ecosystems: Effects of Global Warming. New York, USA: Infobase Pub.
2. Hudson, T. (2011). Living with Earth: An Introduction to Environmental Geology. Delhi, India: PHI Learning Private Limited.
3. Miller, G.T. (2007). Living in the Environment: Principal, Connections, and Solutions. Belmont, Australia: Brooks/ Cole Cengage Learning.
4. Singh, R.B. (1993) Environmental Geography. Delhi, India: Heritage Publishers.
5. UNEP. (2007). Global Environment Outlook: GEO4: Environment For Development, United Nations Environment Programme. UK: University Press, Cambridge.
6. Government of India. (2011). Disaster Management in India. Delhi, India: Ministry of Home Affairs.
7. Singh, Savendra (2019) Pryavaran Bhugol, Pravalika Publication, Allahabad
8. Kapur, A. (2010). Vulnerable India: A Geographical Study of Disasters. Delhi, India: Sage Publication.
9. Singh, Savendra (2019) Apada Prabandhan, Pravalika Publication, Allahabad.
10. Ramkumar, M. (2009). Geological Hazards: Causes, Consequences and Methods of Containment. New Delhi, India: New India Publishing Agency.
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12. Climate Change and Vulnerability: Physical Vulnerability; Economic Vulnerability; Social Vulnerability.


अध्यक्ष
Head of Department
भूगोल विभाग
शासक महापुर शासकीय महाविद्यालय
गोयदा-271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)


Department of Geography

(Certificate Course in Environmental Studies)

Certificate Course

Syllabus 2020-21

Course Name	Name of Paper	Lectures / Week	Total Number of Lectures	Theory	Practical	Total Marks
Certificate Course	Environmental Studies	06	30	70	30	100



Signature

(Course Coordinator)

Signature

(Principal)

Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

Department of Geography
(Certificate Course in Environmental Studies)

Ref. No:.....

Date

Notice

All the students of the college are hereby informed that the department of Geography is going to organize an add-on course under the title stated above. Students willing to join the course register their names with the teacher's in charge.



Signature

(Course Coordinator)

Signature

(Principal)

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

(AFFILIATED TO DR. RAMMANOHAR LOHIA

AVADH UNIVERSITY, AYODHYA U.P.)



SESSION- 2021-22

CERTIFICATE COURSE NAME- ENVIRONMENTAL STUDIES

DEPARTMENT OF GEOGRAPHY

From,

**Dr. Ramint Patel,
Department of Geography
Shri Lal Bahadur Shastri Degree College, Gonda.**

To,

**The Principal,
Shri Lal Bahadur Shastri Degree College, Gonda.**

Sub: Proposal for Certificate Course in Environmental Studies

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Date:

Place:



Your's Truly

(Dr. Ramint Patel)

Department of Geography

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2: Curriculum and Design for the course

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

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Name of the Department : Geography

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Target group: Under/Post Graduate Students
Duration of the course: 3 Hrs.
Medium of instruction: Hindi/English
No. of students to be registered: 50

3. Details of the Faculty:

Whether college has any degree/diploma related to the proposed course YES(UG & PG Courses)

Whether the course is prepared by experts from related fields YES (By Departmental Faculty)

Information of Course Coordinator (to be appointed for the course)


Name	Department	Qualification	Experience
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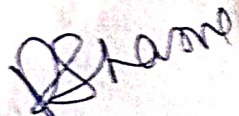
4. Details of the Physical Infrastructure Needed/ Available for the Course:

Classroom: Yes

Books/Reading Material: Yes, available in the central library of the college

Instruments: Yes


(Signature of the Course Coordinator)



(Signature of the Head of Department)
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भूगोल विभाग
श्री लाल बहादुर शास्त्री डिग्री कालेज
गोंडा - 271001

Unit	Topic	No. of lectures
1	Introduction to environmental studies <ul style="list-style-type: none"> ➤ Multidisciplinary nature of environmental studies ➤ Scope and importance; Concept of sustainable development 	2
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4	Biodiversity and Conservation <ul style="list-style-type: none"> ➤ Levels of biological diversity :genetic, species and ecosystem diversity; ➤ Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots ➤ Endangered and endemic species of India ➤ Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, ➤ biological invasions; Conservation of biodiversity. ➤ Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value. 	4
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10. Ramkumar, M. (2009). Geological Hazards: Causes, Consequences and Methods of Containment. New Delhi, India: New India Publishing Agency.
11. Climate Change: Understanding Climate Change; Green House Gases and Global Warming; Global Climatic Assessment- IPCC
12. Climate Change and Vulnerability: Physical Vulnerability; Economic Vulnerability; Social Vulnerability.


 Head of Department
 अध्यक्ष
 भूगोल विभाग
 बाबू कलापुर शा. भा. कलापुर
 मोरवा 271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

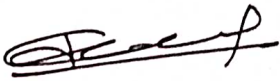
Department of Geography

(Certificate Course in Environmental Studies)

Certificate Course

Syllabus 2021-22

Course Name	Name of Paper	Lectures / Week	Total Number of Lectures	Theory	Practical	Total Marks
Certificate Course	Environmental Studies	06	30	70	30	100



Signature

(Course Coordinator)

Signature

(Principal)

Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

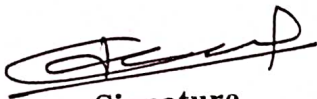
Department of Geography
(Certificate Course in Environmental Studies)

Ref. No:.....

Date

Notice

All the students of the college are hereby informed that the department of Geography is going to organize an add-on course under the title stated above. Students willing to join the course register their names with the teacher's in charge.



Signature

(Course Coordinator)

Signature

(Principal)

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

(AFFILIATED TO DR. RAMMANOHAR LOHIA

AVADH UNIVERSITY, AYODHYA U.P.)



SESSION- 2019-20

CERTIFICATE COURSE NAME- DISASTER MANAGEMENT

DEPARTMENT OF GEOGRAPHY

From,

Dr. Ramint Patel,

Department of Geography

Shri Lal Bahadur Shastri Degree College, Gonda.

To,

The Principal,

Shri Lal Bahadur Shastri Degree College, Gonda.


Sub: Proposal for Certificate Course in Disaster Management

Respected Sir,

With reference to above mentioned subject, I am submitting herewith the proposal to conduct certificate course in Disaster Management for the session 2019-20 by the Department of Geography of our college. This course will be helpful to saves lives during disaster, improve community resilience, reduce poverty, improves health, reshapes communities, strengthens national security, promotes stability etc among the Under/Post Graduate students of our college. Hope you will consider my application and I kindly request you to sanction the same. Thank you with regards.

Date:

Place:


Your' Truly

(Dr. Ramint Patel)

Department of Geography

Enclosure 1: Proposal

2: Curriculum and Design for the course

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Proposal for conducting Short Term Certificate Courses

1: Basic information about the applicant department:

Name of the College : Shri Lal Bahadur Shastri Degree College, Gonda
Complete Postal Address of College: Civil Lines, Gonda, U.P. - 271001
Name of the Department: Geography

2: Details of course Proposal

Name of the course: Certificate course in Disaster Management
Target group: Under/Post Graduate Students
Duration of the course: 3 Hrs.
Medium of instruction: Hindi/English
No. of students to be registered: 27

3. Details of the Faculty:

Whether college has any degree/diploma related to the proposed course YES(UG & PG Courses)

Whether the course is prepared by experts from related fields YES (By Departmental Faculty)

Information of Course Coordinator (to be appointed for the course)


Name	Department	Qualification	Experience
Dr Ramint Patel	Geography	M.A., Ph.D.	15 Years

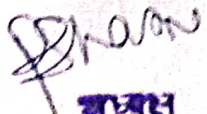
4. Details of the Physical Infrastructure Needed/ Available for the Course:

Classroom: Yes

Books/Reading Material: Yes, available in the central library of the college

Instruments: Yes


(Signature of the Course Coordinator)


(Signature of the Head of Department)
भूगोल विभाग
श्री लाल बहादुर शास्त्री महाविद्यालय
गोंदा-271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Session- 2019-20

INTRODUCTION

The natural and man-made disasters often involve a fatal combination of forces of natural and human error. Disasters strike with sudden violence, tearing bodies, destroying lives, families and structures apart. India has a dubious history of being hit by at least one major disaster every year. This alarming regularity calls for some strategies to mitigate the effects of disasters by taking into account disaster preparedness measures and also by emphasizing upon systematic post-disaster rehabilitation activities. Thus to be effective, disaster management needs to be implemented as a comprehensive and continuous activity and not as post-disaster specially built mainly as a strategy to individual disaster circumstances and effects. Department of Geography, Shri Lal Bahadur Shastri Degree College, Gonda can play a crucial role in providing education in the field of disaster management. The Certificate Course in Disaster Management (CDM) aims at providing knowledge to the learners in the areas of disaster preparedness, prevention, mitigation, relief, reconstruction and rehabilitation. Scheme of Certificate in Disaster Management (CDM) Session 2019-20 will be introduced from this session. The CDM is offered by the Department of Geography, Shri Lal Bahadur Shastri Degree College, Gonda through the medium of both English and Hindi. The syllabus and scheme of examination are detailed below:

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Session- 2019 – 2020

Course objectives

This Certificate Course in Disaster Management is designed to impart domain knowledge, values, capacities and skills to:

1. Demonstrate a critical understanding of key concepts in disaster risk reduction and Humanitarian response.
2. Understand and appreciate the specific contributions of the International/ National/ State Red Cross and Red Crescent Movement to the practice and conceptual understanding of disaster Management and humanitarian response and their significance in the current context.
3. Recognize issues, debates and challenges arising from the nexus between paradigm of Development and disasters.
4. Critically evaluate disaster risk reduction and humanitarian response policy and practice from multiple perspectives.
5. Develop an understanding of standards of humanitarian response and practical relevance in specific types of disasters and conflict situations.
6. Critically understand the strengths and weaknesses of disaster management approaches, planning and programming in different countries, particularly their home Country or the countries they work in, and
7. Respond to disaster risk reduction initiatives and disasters in an effective, humane and sustainable manner.

In Certificate in Disaster Management (CDM) shall be one theory paper each of 70 marks and assignments will be of 30 marks, thus total marks in the course will be 100.


Course Coordinator

Syllabus

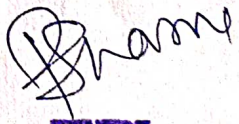
Unit	Topic	No. of lectures
1	<p>Understanding of key concepts in Disasters Management:</p> <ul style="list-style-type: none"> ➤ Hazards, Disasters, Vulnerability, Resilience, Disaster Management, Disaster Cycle, risk, prevention, mitigation, relief and response, recovery and rehabilitation etc – ➤ Brief history of disaster management in India and world- ➤ The emerging field of disaster management- ➤ Role of social sciences and natural sciences and multidisciplinary nature of disaster management as applied disciplines 	6
2	<p>Different typologies and classification of disasters,</p> <ul style="list-style-type: none"> ➤ cataclysmic – slow-onset, ➤ natural- manmade etc- ➤ Critique of different classifications, ➤ what magnitude constitutes a “disaster” for the government. ➤ Effects of hazards: Primary, secondary and tertiary. 	6
3	<p>Consequences and impact of disasters;</p> <ul style="list-style-type: none"> ➤ Flood, cyclones, tsunamis, earthquakes, landslides, volcanic eruption, desertification, drought, salinity ingress – ➤ Overview through case studies 	6
4	<ul style="list-style-type: none"> ➤ Climate change, ➤ environmental stress, Biological and Technological disasters – ➤ Overview through case studies 	6
5	<p>Nature of challenges in disaster management for people and environment, Lessons (overview of the field of study and nature of functions required of different professionals learnt, Role of disaster management in contemporary times)</p>	6

References:

1. Carter, W.Nick, 1991. Disaster Management: Disaster Management’s Handbook, Asia Development Bank, Manila.
2. Mishra, Girish K, and G.C. Mathur (Eds.), 1993. Natural Disaster Reduction Reliance

Publishing House, New Delhi.

3. Prakash, Indu, 1994. Disaster Management, Rastra Prahari Prakashan, Ghaziabad.
4. Thomas, Babu 1993. Disaster Response: A Handbook for Emergencies. Church's Auxiliary for Social Action, New Dehli.
5. Turner, Barry A and Nick, F. Pidgeon 1997. Man Made Disaster, Butterworth Heinemann: Oxford.
6. Green, Stephen, 1980. International Disaster Relief: Towards A Responsive System; McGraw Hill Book Company, New York.
7. Ross, Simon, 1987. Hazard Geography; Longmans, U.K.
8. Ashutosh Gautam, 1994, Earthquake - A Natural Disaster; Ashish Publishing House, New Delhi.
9. Ashutosh Gautam, 1994, Earthquake - A Natural Disaster; Ashish Publishing House, New Delhi.
10. Vladimir Schenk (Ed.), 1996. Earthquake Hazard and Risk; Kluwer Academic Publishers, London.
11. Government of India, 1997, Vulnerability Atlas of India
12. Sharma, Vinod K., 1995. Disaster Management: Indian Institute of Public Administration; New Delhi.
13. Report of the National Commission on Floods, 1980, Ministry of Irrigation and Power, New Delhi,
14. Anthes. R. A, (1982): "Tropical Cyclones, their evolution, structure and effect' American Met. Soc. Met. Monograph, Vol. 19.41.
15. Government of India (1997): Vulnerability Atlas of India


Head of Department
भूगोल विभाग
नाम बहादुर शास्त्री महाविद्यालय .
गोरखपुर - 271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

Department of Geography

(Certificate Course in Disaster Management)

Certificate Course

Syllabus 2019-20

Course Name	Name of Paper	Lectures / Week	Total Number of Lectures	Theory	Practical	Total Marks
Certificate Course	Environmental Studies	06	30	70	30	100


Signature

(Course Coordinator)

Signature

(Principal)

Shri Lal Bahadur Shastri Degree College, Gonda
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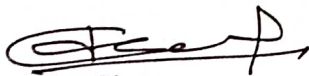
Department of Geography
(Certificate Course Disaster Management)

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Signature

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Signature

(Principal)

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(AFFILIATED TO DR. RAMMANOHAR LOHIA

AVADH UNIVERSITY, AYODHYA U.P.)



SESSION- 2022-23

CERTIFICATE COURSE NAME- DISASTER MANAGEMENT

DEPARTMENT OF GEOGRAPHY

From,

Dr. Parvej Alam,

Department of Geography

Shri Lal Bahadur Shastri Degree College, Gonda.

To,

The Principal,

Shri Lal Bahadur Shastri Degree College, Gonda.

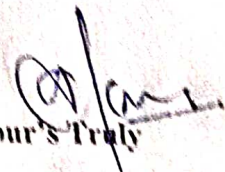
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(Dr. Parvej Alam)

Department of Geography

Enclosure 1: Proposal

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Name of the Department: Geography

2: Details of course Proposal

Name of the course: Certificate course in Disaster Management
Target group: Under/Post Graduate Students
Duration of the course: 3 Hrs.
Medium of instruction: Hindi/English
No. of students to be registered: 40

3. Details of the Faculty:

Whether college has any degree/diploma related to the proposed course YES(UG & PG Courses)

Whether the course is prepared by experts from related fields YES (By Departmental Faculty)

Information of Course Coordinator (to be appointed for the course)

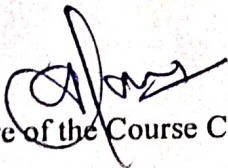
Name	Department	Qualification	Experience
Dr Parvej Alam	Geography	M.A., D.Phil.	1 Years

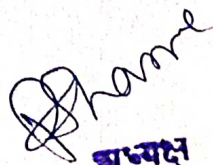
4. Details of the Physical Infrastructure Needed/ Available for the Course:

Classroom: Yes

Books/Reding Mterial: Yes, available in the central library of the college

Instruments: Yes


(Signature of the Course Coordinator)


(Signature of the Head of Department)
अध्यक्ष
भूगोल विभाग
श्री लाल बहादुर शास्त्री महाविद्यालय - ग.
गोंदा-271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Session- 2022-23

INTRODUCTION

The natural and man-made disasters often involve a fatal combination of forces of natural and human error. Disasters strike with sudden violence, tearing bodies, destroying lives, families and structures apart. India has a dubious history of being hit by at least one major disaster every year. This alarming regularity calls for some strategies to mitigate the effects of disasters by taking into account disaster preparedness measures and also by emphasizing upon systematic post-disaster rehabilitation activities. Thus to be effective, disaster management needs to be implemented as a comprehensive and continuous activity and not as post-disaster specially built mainly as a strategy to individual disaster circumstances and effects. Department of Geography, Shri Lal Bahadur Shastri Degree College, Gonda can play a crucial role in providing education in the field of disaster management. The Certificate Course in Disaster Management (CDM) aims at providing knowledge to the learners in the areas of disaster preparedness, prevention, mitigation, relief, reconstruction and rehabilitation. Scheme of Certificate in Disaster Management (CDM) Session 2019-20 will be introduced from this session. The CDM is offered by the Department of Geography, Shri Lal Bahadur Shastri Degree College, Gonda through the medium of both English and Hindi. The syllabus and scheme of examination are detailed below:

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Session- 2022 – 2023

Course objectives

This Certificate Course in Disaster Management is designed to impart domain knowledge, values, capacities and skills to:

1. Demonstrate a critical understanding of key concepts in disaster risk reduction and Humanitarian response.
2. Understand and appreciate the specific contributions of the International/ National/ State Red Cross and Red Crescent Movement to the practice and conceptual understanding of disaster Management and humanitarian response and their significance in the current context.
3. Recognize issues, debates and challenges arising from the nexus between paradigm of Development and disasters.
4. Critically evaluate disaster risk reduction and humanitarian response policy and practice from multiple perspectives.
5. Develop an understanding of standards of humanitarian response and practical relevance in specific types of disasters and conflict situations.
6. Critically understand the strengths and weaknesses of disaster management approaches, planning and programming in different countries, particularly their home Country or the countries they work in, and
7. Respond to disaster risk reduction initiatives and disasters in an effective, humane and sustainable manner.

In Certificate in Disaster Management (CDM) shall be one theory paper each of 70 marks and assignments will be of 30 marks, thus total marks in the course will be 100.


Course Coordinator

Syllabus

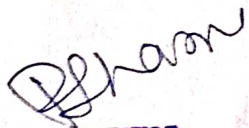
Unit	Topic	No. of lectures
1	<p>Understanding of key concepts in Disasters Management:</p> <ul style="list-style-type: none"> ➤ Hazards, Disasters, Vulnerability, Resilience, Disaster Management, Disaster Cycle, risk, prevention, mitigation, relief and response, recovery and rehabilitation etc – ➤ Brief history of disaster management in India and world- ➤ The emerging field of disaster management- ➤ Role of social sciences and natural sciences and multidisciplinary nature of disaster management as applied disciplines 	6
2	<p>Different typologies and classification of disasters,</p> <ul style="list-style-type: none"> ➤ cataclysmic – slow-onset, ➤ natural- manmade etc- ➤ Critique of different classifications, ➤ what magnitude constitutes a “disaster” for the government. ➤ Effects of hazards: Primary, secondary and tertiary. 	6
3	<p>Consequences and impact of disasters;</p> <ul style="list-style-type: none"> ➤ Flood, cyclones, tsunamis, earthquakes, landslides, volcanic eruption, desertification, drought, salinity ingress – ➤ Overview through case studies 	6
4	<ul style="list-style-type: none"> ➤ Climate change, ➤ environmental stress, Biological and Technological disasters – ➤ Overview through case studies 	6
5	<p>Nature of challenges in disaster management for people and environment, Lessons (overview of the field of study and nature of functions required of different professionals learnt, Role of disaster management in contemporary times)</p>	6

References:

1. Carter, W.Nick, 1991. Disaster Management: Disaster Management's Handbook, Asia Development Bank, Manila.
2. Mishra, Girish K, and G.C. Mathur (Eds.), 1993. Natural Disaster Reduction Reliance

Publishing House, New Delhi.

3. Prakash, Indu, 1994. Disaster Management, Rastra Prahari Prakashan, Ghaziabad.
4. Thomas, Babu 1993. Disaster Response: A Handbook for Emergencies. Church's Auxiliary for Social Action, New Dehli.
5. Turner, Barry A and Nick, F. Pidgeon 1997. Man Made Disaster, Butterworth Heinemann: Oxford.
6. Green, Stephen, 1980. International Disaster Relief: Towards A Responsive System; McGraw Hill Book Company, New York.
7. Ross, Simon, 1987. Hazard Geography; Longmans, U.K.
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9. Ashutosh Gauutam, 1994, Earthquake - A Natural Disaster; Ashish Publishing House, New Delhi.
10. Vladimir Schenk (Ed.), 1996. Earthquake Hazard and Risk; Kluwer Academic Publishers, London.
11. Government of India, 1997, Vulnerability Atlas of India
12. Sharma, Vinod K., 1995. Disaster Management: Indian Institute of Public Administration; New Delhi.
13. Report of the National Commission on Floods, 1980, Ministry of Irrigation and Power, New Delhi,
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15. Government of India (1997): Vulnerability Atlas of India


Head of Department
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गोवर्दा-271001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)


Department of Geography

(Certificate Course in Disaster Management)

Certificate Course

Syllabus 2022-23

Course Name	Name of Paper	Lectures / Week	Total Number of Lectures	Theory	Practical	Total Marks
Certificate Course	Environmental Studies	06	30	70	30	100

Signature 
(Course Coordinator)

Signature
(Principal)

Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

Department of Geography
(Certificate Course Disaster Management)

Ref. No:.....

Date

Notice

All the students of the college are hereby informed that the department of Geography is going to organize an add-on course under the title stated above. Students willing to join the course register their names with the teacher's in charge.

Signature

(Course Coordinator)

Signature
(Principal)

SHRI LAL BAHADUR SHASTRI DEGREE COLLEGE, GONDA

(AFFILIATED TO DR. RAMMANOHAR LOHIA

AVADHI UNIVERSITY, AYODHYA U.P.)



SESSION- 2023-24

CERTIFICATE COURSE NAME- DISASTER MANAGEMENT

DEPARTMENT OF GEOGRAPHY

From,

Dr. Parvej Alam,

Department of Geography

Shri Lal Bahadur Shastri Degree College, Gonda.

To,

The Principal,

Shri Lal Bahadur Shastri Degree College, Gonda.

Sub: Proposal for Certificate Course in Disaster Management

Respected Sir,

With reference to above mentioned subject, I am submitting herewith the proposal to conduct certificate course in Disaster Management for the session 2023-24 by the Department of Geography of our college. This course will be helpful to saves lives during disaster, improve community resilience, reduce poverty, improves health, reshapes communities, strengthens national security, promotes stability etc among the Under/Post Graduate students of our college. Hope you will consider my application and I kindly request you to sanction the same. Thank you with regards.

Date:

Place:

Your's Truly

(Dr. Parvej Alam)

Department of Geography

Enclosure 1: Proposal

2: Curriculum and Design for the course

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Proposal for conducting Short Term Certificate Courses

1: Basic information about the applicant department:

Name of the College : Shri Lal Bahadur Shastri Degree College, Gonda
Complete Postal Address of College: Civil Lines, Gonda, U.P.- 271001
Name of the Department: Geography

2: Details of course Proposal

Name of the course: Certificate course in Disaster Management
Target group: Under/Post Graduate Students
Duration of the course: 3 Hrs.
Medium of instruction: Hindi/English
No. of students to be registered: 50

3. Details of the Faculty:

Whether college has any degree/diploma related to the proposed course YES(UG & PG Courses)

Whether the course is prepared by experts from related fields YES (By Departmental Faculty)

Information of Course Coordinator (to be appointed for the course)

Name	Department	Qualification	Experience
Dr Parvj Alam	Geography	M.A., D.Phil.	2 Years

4. Details of the Physical Infrastructure Needed/ Available for the Course:

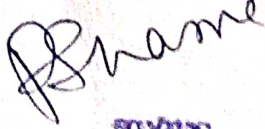
Classroom: Yes

Books/Reading Material: Yes, available in the central library of the college

Instruments: Yes

(Signature of the Course Coordinator)

(Signature of the Head of Department)


बुगोल विभाग
श्री लाल बहादुर शास्त्री महाविद्यालय
गोंडा-271001

Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.)

Session- 2023-24

INTRODUCTION

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Session- 2023 – 2024

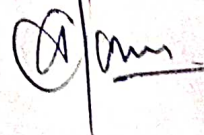
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Head of Department

पूज्य विद्यालय
श्री गुरुदास शाली मठ
गोपबन्धु-27, 11001

Shri Lal Bahadur Shastri Degree College, Gonda

(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

Department of Geography

(Certificate Course in Disaster Management)

Certificate Course

Syllabus 2023-24

Course Name	Name of Paper	Lectures / Week	Total Number of Lectures	Theory	Practical	Total Marks
Certificate Course	Environmental Studies	06	30	70	30	100

Signature

(Course Coordinator)

Signature

(Principal)

Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohia Avadh University, Avodhya, U.P.)

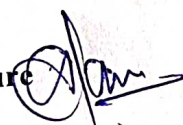
Department of Geography
(Certificate Course Disaster Management)

Ref. No:.....

Date

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(Course Coordinator)

Signature
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