

1. Details of the Teacher/ Academic:

Name & Date of Birth	: Dr. Benidhar Deshmukh 7 th July 1975
Date of Joining in IGNOU:	8 Sep 2010
Current Designation	: Associate Professor in Geology
Pay Scale as on date	: Pay band 13A,131400-217100
Qualifications	: PhD (Geology) M.Sc. (Geology) Post Graduate Diploma in Distance Education

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient	Honour /Award/ Fellowship name	Agency name /Name of statutory body/ institution/ Apex body	Period
Dr. Benidhar Deshmukh	Sectional Committee Member	Earth System Sciences Section of Indian Science Congress Association	2019-20
Dr. Benidhar Deshmukh	Invited Member	CBSE Committee to review the curriculum of Skill Courses of Classes IX–XII for Geospatial Technology	5 th Nov. 2018
Dr. Benidhar Deshmukh	Jury Member (for two themes)	16 th Chhattisgarh Young Scientist Congress	27-28 February 2018
Dr. Benidhar Deshmukh	Invited Member	Curriculum development workshop for M.Sc Geoinformatics programme of TERI School of Advanced Studies	13 th December 2017
Dr. Benidhar Deshmukh	Best technical paper presentation	9th Annual Int. Conf. Map India 2006	February 2006
Dr. Benidhar Deshmukh	Research Associateship	Defence Terrain Research Laboratory, Defence R&D Organisation	2 years (July but availed from 20 July 2006 to 13 Oct. 2006)
Dr. Benidhar Deshmukh	Research Associateship	Defence Terrain Research Laboratory, Defence R&D Organisation (DRDO)	2 years (18 June 2004 to 17 June 2006)
Dr. Benidhar Deshmukh	Junior Research Fellowship	Space Applications Centre, Indian Space Research Organisation (ISRO)	22 Jan. 1999 to 31 Mar 2004
Dr. Benidhar Deshmukh	University Gold Medal (1 st in University Merit list of M.Sc. Geology)	Pt. R.S. University, Raipur	1997
Dr. Benidhar Deshmukh	National Service Scheme 'C' Certificate	Pt. R.S. University, Raipur	1997
Dr. Benidhar Deshmukh	National Service Scheme 'B' Certificate	Pt. R.S. University, Raipur	1995
Dr. Benidhar Deshmukh	National Service Scheme 'A' Certificate	Pt. R.S. University, Raipur	1992
Dr. Benidhar	Member	International GeoScience Education	February 2019

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Deshmukh		Organisation	onwards
Dr. Benidhar Deshmukh	Life Member	Indian Science Congress Association (L-27850)	2015 onwards
Dr. Benidhar Deshmukh	Fellow	Life membership of Society of Earth Scientists, Lucknow	2008 onwards
Dr. Benidhar Deshmukh	Life Member	Indian Society of Geomatics (L-745)	2003 onwards
Dr. Benidhar Deshmukh	Life Member	Indian Society of Remote Sensing (L-2034)	2002 onwards

3. Books/Book Chapter: 23

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN N

S No	Name of Author1/ Editor 1, & Co- author (s)/ Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Benidhar Deshmukh	Space, GIS and Geospatial Analysis in Anthropology, in <i>Issues and Perspectives in Anthroppology</i> , (Ed. Rashmi Sinha)	Jaipur	Rawat Publication	2019	12	978-81-316-0875-3
2	Rohit Kumar and Benidhar Deshmukh (Eds. Dr. B. Rupini, Dr. Sushmitha Baskar, Dr. Sadananda Sahoo and Prof. Nandini Sinha Kapur)	Soil loss Assessment using Geospatial technology: Challenges and Opportunities with reference to the Chambal basin, central India, in <i>Environmental and Ecological Sustainability</i>	New Delhi	IGNOU	2018	13	978-93-87960-94-7
3	Sivakumar, V., Deshmukh, B. , Rajmohan, S., Ramkumar, T. and Vasudevan, S. (Eds.: Ramkumar, T., Vasudevan, S., Ramesh,	Role of Computational Intelligence in Remote Sensing Data Processing for Geological Applications, Chapter 1 in <i>Geospatial Technology: Significance and Applications</i>	Chennai	Geetham Publications	2016	9	978-93-83812-41-7

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	G., Rajmohan, S.)						
4	Benidhar Deshmukh , Meenal Mishra and Kakoli Gogoi, (Eds.: Jha, A. K. and Singh, S.P.)	Geospatial Education in India: Present Scenario, Chapter 22, In <i>Dimensions of Education</i>	Delhi	Renu Publisher	2016	14	978-93- 85502- 08-8
5	Meenal Mishra, Kakoli Gogoi and Benidhar Deshmukh (Eds.: Jha, A. K. and Singh, S.P.)	Status of Women in Geoscience Education in India, Chapter 26, In <i>Dimensions of Education</i>	New Delhi	Renu Publisher	2016	12	978-93- 85502- 08-8
6	Shah, D.G. and Deshmukh, B. (Ed.: Shamita Kumar)	Data Importing and Visualisation, Exercise 3, In <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	7	978-81- 266- 6634-8
7	Shah, D.G. and Deshmukh, B. (Ed.: Shamita Kumar)	Georeferencing, Exercise 4, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	9	978-81- 266- 6634-8
8	Shah, D.G. and Deshmukh, B. (Ed.: Shamita Kumar)	Digitisation, Exercise 5, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	12	978-81- 266- 6634-8
9	Shah, D.G. and Deshmukh, B. (Ed.: Shamita Kumar)	Editing Vector Data, Exercise 6, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	11	978-81- 266- 6634-8
10	Deshmukh, B. (Ed.: Shamita Kumar)	Attribute Data Management, Exercise 7, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	6	978-81- 266- 6634-8
11	Deshmukh, B. (Ed.: Shamita Kumar)	Checking Data Quality, Exercise 8, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	3	978-81- 266- 6634-8

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12	Deshmukh, B. (Ed.: Shamita Kumar)	Image Transformation, Exercise 11, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	4	978-81-266-6634-8
13	Deshmukh, B. (Ed.: Shamita Kumar)	Aerial Photo Interpretation, Exercise 12, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	2	978-81-266-6634-8
14	Deshmukh, B. (Ed.: Shamita Kumar)	Visual Image Interpretation, Exercise 13, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	6	978-81-266-6634-8
15	Deshmukh, B. (Ed.: Shamita Kumar)	Digital Classification (Unsupervised), Exercise 14, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	6	978-81-266-6634-8
16	Deshmukh, B. (Ed.: Shamita Kumar)	Digital Classification (Supervised), Exercise 15, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	5	978-81-266-6634-8
17	Deshmukh, B. (Ed.: Shamita Kumar)	Ground Truthing and Accuracy Assessment, Exercise 16, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	4	978-81-266-6634-8
18	Deshmukh, B. (Ed.: Shamita Kumar)	Change Analysis, Exercise 21, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	6	978-81-266-6634-8
19	Deshmukh, B. (Ed.: Shamita Kumar)	Case Study, Exercise 23, in <i>MGYL-004 Geoinformatics Practical</i>	New Delhi	IGNOU	2013	2	978-81-266-6634-8
20	Deshmukh, B. (Ed.: A. Bahuguna)	Ground Truth Data Collection, Unit 9, In <i>Block-3 Image Interpretation, MGY-002 Remote Sensing and Image Interpretation,</i>	New Delhi	IGNOU	2012	20	978-81-266-5968-5
21	Murali, O.M. and Deshmukh, B. (Ed.: S.M. Parihar)	Geoinformatics: An Introduction, Unit 1, In <i>Block-1 Overview of Geoinformatics, MGY-001 Introduction to Geoinformatics</i>	New Delhi	IGNOU	2012	20	978-81-266-5844-2
22	Deshmukh, B. (Eds: Partheeban, P. and Arunbabu)	Issues confronting remote sensing based change detection of coastal zones, Chapter 19, Lecture Notes, <i>Advanced Training Program on Application of GIS, GPS and RS for Disaster Management of</i>	Chennai	Charulatha Publications	2007	10	NA

		<i>Coastal Region</i>					
23	Bahuguna, A., Nayak, S. and Deshmukh, B. (Ed.: A. Tripathi)	IRS views the Adams Bridge (bridging India and SriLanka), Chapter 26 in <i>Remote Sensing and Archaeology</i>	Delhi	Sundeeep Publication	2005	5	81-7574-155-4

4. Research Articles/Publications: 13

S N o.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1	Singh, N., Ali, S., Raju, N.J., Singh, Y., Rajendra, K., Kumar, M., Deshmukh, B. , Jharia, D.C., Kumar, V., Sharma, M.C., Chakraborty, E., Siddiqui, M.A., and Singh, A.	Dataset on mapping and morphometry of sand dunes in Nubra and Shyok Valleys, Ladakh Himalaya, India	Indian Journal of Scientific Research	10(1)	- (Accepted)	2019	0976-2876
2	Kumar, Amit and Deshmukh, B.	A Review on 'Geological Studies - An Interdisciplinary Approach for Evaluation and Sustainable Management of 'Geosystems'	Jour. of Geological Society of India	86	605-612	2015	0016-7622
3	Kumar A., Devi M. and Deshmukh B.	Integrated Remote Sensing and Geographic Information System Based RUSLE Modelling For Estimation of Soil Loss In western Himalaya, India	Water Resources Management	28	3307-3317	2014	0920-4741
4	Kumar, A., Dhiman, R. and Deshmukh, B.	Morphometric analysis of watersheds of Kangra region of Indian Himalaya for assessing its fluvial erosion susceptibility	Himalayan Geology	35 (1)	47-55	2014	0971-8966
5	Sivakumar, V., Biju, C. and Deshmukh, B.	Hypsometric Analysis of Varattaru River Basin of Harur Taluk, Dharmapuri Districts, Tamilnadu, India using	International Journal of Geomatics and Geosciences	2(1)	241-247	2011	0976-4380

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		Geomatics Technology					
6	Roychowdhury, P., Deshmukh, B. , Prasad, S.S. and Goswami, A.	Neural network based dunal landform mapping from multispectral images using texture features	IEEE Jour. of Selected Topics in Applied Earth Observation and Remote Sensing	4(1)	171-184	2011	1939-1404
7	Gogoi, K., Mishra, M. and Deshmukh, B.	Post graduate certificate in geoinformatics at IGNOU-A tool for skill enhancement for women empowerment	Mahila Pratishtha	4(4)	165-174	2019	2454-7891
8	Deshmukh, B. , Gogoi, K., and Mishra, M.	Reaching the unreached through geoscience and geospatial education at IGNOU for societal benefits.	Asian Journal of Multidimensional Research	8(6)	114-123	2019	2278-4853
9	Gogoi, K., Deshmukh, B. and Mishra, M.	Addressing Perception of Geoethics Through Geoscience Curriculum at IGNOU	Educational Quest: An Int. Jour. of Education and Applied Social Science	8(2)	503-508	2017	2230-7311 (online)
10	Gogoi, K., Deshmukh, B. and Mishra, M.	Challenges and Opportunities in Geoscience Education in Open and Distance Learning: Indian Scenario	Learning Community: Educational Quest: An Int. Jour. of Educational and Social Development	7(2)	117-126	2016	0976-3201
11	Deshmukh, B. , Bahuguna, A., Nayak, S.R., Jagtap, T.G. and Dhargalkar, V.K.	Eco-geomorphological zonation of Bangaram atoll, Lakshadweep	Photonirvachak: Jour. of Indian Society of Remote Sensing	33 (1)	99-106	2005	0255-660X
12	Shah, D. G., Bahuguna, A., Deshmukh, B. , Nayak, S. R., Patel, B. H. and Patel, S.	Zoning and monitoring dominant mangrove communities of a part of the Marine National Park, Gulf of Kachchh	Photonirvachak: Jour. of Indian Society of Remote Sensing	33 (1)	155-164	2005	0255-660X
13	Bahuguna, A., Nayak, S. and Deshmukh, B.	IRS views the Adams Bridge (bridging India and SriLanka)	Photonirvachak: Jour. of Indian Society of	31 (4)	237-239	2003	0255-660X

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			Remote Sensing				
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5. Policy Documents Reports/ Mimeos: 06

S No	Title	Institution/ Agency	Year
1	<i>Erosion map of India</i> , 3 Technical Report, NRSC-RSAA-LRUMG-SLRAD-Jan.,2014-TR/Erosion, 11p. http://bhuvan.nrsc.gov.in/gis/thematic/tools/document/ER/er.pdf Digital Database (Erosion maps of Bihar State) at 1:50000 scale available at http://bhuvan-noeda.nrsc.gov.in/gis/thematic/index.php under http://bhuvan3.nrsc.gov.in/applications/bhuvanstore.php	NRSC, ISRO	2014
2	<i>Salt-Affected and Waterlogged Areas of India</i> , Technical Report, NRSC-RSAA-LRUMG-SLRAD-Jan.,2014-TR/SAWL, 10p. http://bhuvan-noeda.nrsc.gov.in/gis/thematic/tools/document/ALK/alk.pdf Digital Database (Salt affected and water logged area maps of Bihar) at 1:50000 scale available at http://bhuvan-noeda.nrsc.gov.in/gis/thematic/tools/document/ALK/MAP/10.pdf and http://bhuvan-noeda.nrsc.gov.in/gis/thematic/index.php under http://bhuvan3.nrsc.gov.in/applications/bhuvanstore.php	NRSC, ISRO	2014
3	<i>Natural Resource Census Database - Land Use Land Cover</i> , Technical Report - Ver.1, NRSC-RS&GISAA-LRUMG-LUCMD-NOV.,2011-TR-295, http://bhuvan-noeda.nrsc.gov.in/gis/thematic/tools/document/LULC/BR.pdf	NRSC, ISRO	2014
4	<i>Land Use Land Cover Atlas of India (Based on Multi-temporal Satellite Data of 2005-06)</i> , NRSC-RS&GISAA-LRG_LUD-MARCH 11-A243, Land Use Division, RS & GIS Applications Area, NRSC, ISRO Digital Dataset (<i>Land Use Land Cover Maps of India</i>) at 1:50000 scale available at http://bhuvan-noeda.nrsc.gov.in/gis/thematic/index.php under http://bhuvan3.nrsc.gov.in/applications/bhuvanstore.php	NRSC, ISRO	2011
5	<i>Coastal erosion assessment of Outer Wheeler Island (OWI)</i> , Technical Note, Defence Terrain Research Laboratory (DRDO), Delhi, <i>DTRL/2005/Geo-Environment/10</i> , 21p. By Prusty, G., Kalra, M.K. and Deshmukh, B.	DTRL, DRDO	2005
6	<i>Eco-morphological zonation of selected coral reefs of India using remotely sensed data</i> , Scientific Note, SAC/RESIPA/MWRG/MSCED/SN/16/2003, Marine and Water Resources Group, Space Applications Center (ISRO), Ahmedabad, 109p.	SAC, ISRO	2003

6. Book Review published :

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No

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7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

S No	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1	Benidhar Deshmukh	Invited talk: Offering Lab Based GIScience Programme Through ODL	NCIDE, IGNOU	Seminar on Innovative Practices in IGNOU	New Delhi	22nd April, 2019
2	Benidhar Deshmukh	Invited talk: Geospatial Technology in Landform mapping: Recent developments	UCOST, Dehradun	13 th Uttrakand State Science and Technology Congress	Dehradun	27 Feb 2019
3	Benidhar Deshmukh	Invited talk: Geological Applications of Geospatial Technology: Potentials and Constraints	Lovely Professional University, Indian Science Congress Association	106 th Indian Science Congress	Jalandhar	5 Jan 2019
4	Benidhar Deshmukh	Co-chaired a session	Lovely Professional University, Indian Science Congress Association	106 th Indian Science Congress	Jalandhar	5 Jan 2019
5	Benidhar Deshmukh	Invited Lecture: Use of GPS and Aerial Photographs	SOS, IGNOU	DST-Vigyan Jyoti Residential Programme on Breaking Stereotypes in the Field of Science and Technology for Girl Students through Motivational Guidance		16 June 2018
6	Benidhar Deshmukh	Invited Lecture: Applications of Geospatial Technology	SOS, IGNOU	DST-Vigyan Jyoti Residential Programme on Breaking Stereotypes in the Field of Science and Technology for Girl Students through Motivational Guidance		8 th June 2018
7	Benidhar Deshmukh	Invited Lectures: Digital Image Processing &	Department of Geology,	Guest lecture series	Durg (C.G.).	26 Feb 2018

		Application of Remote Sensing techniques in land use -land cover mapping	Govt. V.Y.T. PG Autonomous College,			
8	Benidhar Deshmukh	Conference presentation: Distance Education in Geospatial Technology at IGNOU and its Implication for Teacher Education	School of Education, IGNOU	National Conference on Teacher Education through Open and Distance Learning: Challenges and the Road Ahead	New Delhi	27-29 March 2017
9	Benidhar Deshmukh	Conference presentation: Geospatial Technology Education at IGNOU - Experiments and Innovation	STRIDE, IGNOU	International Seminar on Skill Development through ODEL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods	New Delhi	7-9 March. 2017
10	Benidhar Deshmukh	2 Invited Lectures as resource person	UGC-HRDC, Aligarh Muslim University, Aligarh	Winter School on Application of Remote Sensing and GIS in Natural Resource Management	Aligarh, U.P.	18 Jan 2017
11	Benidhar Deshmukh	Invited Lectures for course: Extension Lectures in RS & GIS in Marine Applications course	School of Studies in Earth Science, Jiwaji University	Extension Lectures	Gwalior, M.P.	19-20 Dec 2015
12	Benidhar Deshmukh	Conference Presentation: Space, GIS and Geospatial Analysis in Anthropology	School of Social Sciences, IGNOU, New Delhi	National Seminar on Anthropology- Unveiling the Mystique	New Delhi	October 28-29, 2015
13	Benidhar Deshmukh	Conference Presentation: Imparting Geospatial Education in ODL Mode at IGNOU: Initial experience	Sidana Institute of Education, Amritsar, Punjab	International Conference of the Learning Community on Quest for Excellence in Higher Education	Amritsar, Punjab	17-18 Oct. 2015
14	Benidhar Deshmukh	Conference Presentation: Zonation and condition of coral reefs of the Gulf of Kachchh	Jawaharlal Nehru University, New Delhi	16th Conference of International Association for Mathematical Geosciences on Geostatistical and Geospatial approaches for the	New Delhi	17-20 October 2014

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				characterization of natural resources in the Environment: Challenges, Processes and Strategies		
15	Benidhar Deshmukh	Invited Talk: Topographic and Volumetric Change Assessment using ASTER, SRTM and Cartosat DEMs	Pt. R. S. University,	National Seminar on Recent Researches in Earth and Atmospheric Sciences (RREAS 2014)	Raipur, C.G.	Feb 2014
16	Benidhar Deshmukh	Co-chaired a session	Pt. R. S. University,	National Seminar on Recent Researches in Earth and Atmospheric Sciences (RREAS 2014), Pt. R.S. University, Raipur	Raipur, C.G.	February 2014
17	Benidhar Deshmukh	Invited Lectures for course: Extension Lectures in RS & GIS in Marine Applications course	School of Studies in Earth Science, Jiwaji University	Extension Lectures	Gwalior, MP	30 Nov. – 1 Dec 2013
18	Benidhar Deshmukh	Invited Lecture: Coastal Disaster Management	Academic Staff College, JNU	Refresher Course on Disaster Management	New Delhi	Nov 2013
19	Benidhar Deshmukh	Invited Talk: Geoinformatics for Mine and Coastal Environment Monitoring	Amity University, Noida, UP	Faculty Development Programme	Noida, UP	May 2013
20	Benidhar Deshmukh	Invited Talk: Coastal Applications	GGSIIP University	DST Sponsored training programme on Geospatial Technology & Application	New Delhi	Feb 2013
21	Benidhar Deshmukh	Invited Lectures for 2 courses: Extension Lectures in RS & GIS in Marine Applications and Digital Image Processing courses	School of Studies in Earth Science, Jiwaji University	Extension Lectures	Gwalior, MP	17-20 Oct 2012

8. Study Tour Organised/ Participated/Attachment Organized/Internship:

SNo.	Details of the tour	Name of coordinating body	Duration

9. Consultancy assignment (if any):

SNo.	Organization/ agency	Cost, title of consultancy	Duration

10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

S No.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1	National Remote Sensing Centre (NRSC), Department of Space, Govt. of India, Hyderabad Title: Land Degradation Mapping of Bihar state using Multi-temporal data (under the National Natural Resources Census Programme)	31.72 Lakhs	2008 -2010	Completed

11. Details of PhD and MPhil Scholars (including those awarded degree):

S No.	Name and enrolment no:	Year of registration	Year of completion/ award
1	Amit Kumar (En. No. 127723726)	October 2012	Awarded in 2018
2	Anayat Ahmad Quarshi (En. No. 188500450)	July 2018	In progress
3	Sourish Chatterjee (En. No. 179341959)	December 2017	In progress
4	Rohit Kumar (En. No. 173101886)	April 2017	In progress

12. Details of Programmes/ Courses coordinated/written/ edited/ translated:

SNo.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
1	PGCGI	MGY-001, MGY-002, MGY-003 & MGYL-004		Programme Coordinated	2010-till date
2	PGCGI	MGY-001, MGY-002 & MGY-003	Videos	Content Coordinated for 13 videos	2014-till date

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3	PGCGI	MGYL-004	Units	Coordinated and written 13 Exercises	2012-till date
4	B.Sc. (Gen.) with Geology	BGYCT-131	Unit	Coordinated and written 1 unit	2016-till date
5	B.Sc. (Gen.) with Geology	BGYCL-132	Experiments	Coordinated and written 3 Experiments	2016-till date
6	B.Sc. (Gen.) with Geology	BGYCT-133	Units	Coordinated and written 2 Units	2016-till date
7	B.Sc. (Gen.) with Geology	BGYCL-134	Experiments	Coordinated	2016-till date
8	e-PG Pathshala	Environmental Geology	Chapter	Written a chapter on Coasts and Coastal Geomorphology and recorded a video lecture of 30 min. duration	2018

- **Courses/ Units translated and period:** Transformation of courses MGY-001, MGY-002, MGY-003 & MGYL-004 and transformation and vetting of Hindi versions of BGYCT-131, BGYCT-132 courses of BSc. General with Geology.
- **Audio programmes:** Participated in IRCs – **14** sessions, Content Coordinated for **1** audio.
- **Video programmes:** Participated in Teleconferencing - **2** & Web conferencing - **2** sessions; Content Coordinated for **13 videos** for PGCGI and PhD. Geology programmes.

Sr. No.	Title of Video	Course	Period	Role
1	Geoinformatics: An Introduction (Full HD)	MGY-001	2014-till date	Content coordinator and participant
2	Applications of Geoinformatics (Full HD)	MGY-001	2014-till date	Participant
3	Earth System Science and Society Part-I (Full HD)	BGYCT-131 & MGY-001	2015-till date	Content coordinator
4	Earth System Science and Society Part-II (Full HD)	BGYCT-131 & MGY-001	2015-till date	Content coordinator
5	Remote sensing and GIS for geological disasters studies Part-1	PhD Geology	2016-till date	Content coordinator
6	Remote sensing and GIS for geological disasters studies Part-2	PhD Geology	2016-till date	Content coordinator
7	Geoinformatics for Landslide studies	BGYCT-131 & MGY-001	2016-till date	Content coordinator
8	Geoinformatics for Flood related studies	MGY-001	2016-till date	Content coordinator
9	Geoinformatics for Forest Fire Studies	MGY-001	2016-till date	Content coordinator
10	Geoinformatics for Earthquake related studies	BGYCT-131 & MGY-001	2016-till date	Content coordinator
11	Geoinformatics for Tsunami related studies	BGYCT-131 & MGY-001	2016-till date	Content coordinator

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12	Applications of Geoinformatics in Disaster Management	MGY-001	2016-till date	Content coordinator
13	Introduction to Post Graduate Certificate in Geoinformatics	PGCGI	2015-till date	Content coordinator

13. Training programmes designed and conducted, duration and dates

S.No.	Programme	Dates	Place	Number of Participants
1	Summer training organised by the Geology Discipline	45 days during May-June 2017	School of Sciences, IGNOU, New Delhi	4 UG students in Earth Science of Amity University, Gurgaon
2	Masters Dissertation	2 months (June-July 2013)	School of Sciences, IGNOU, New Delhi	3 PG students of M.Sc. (Remote Sensing & GIS) of Jiwaji University, Gwalior
3	Masters Dissertation	3 months (may-July 2012)	School of Sciences, IGNOU, New Delhi	3 PG students of M.Sc. (Remote Sensing & GIS) of Jiwaji University, Gwalior

14. Details of Counselling sessions conducted:

S No.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1	PGCGI	MGY001, 002, 003 & MGYL-004	Study centre in Delhi	From July 2014 cycle to till date	2 hours for each theory and 4 hours for each practical session	Face to face Counselling
2	PGCGI and B.Sc. (Gen.) with Geology	MGY001, 002, 003 & MGYL-004	Delhi	From 2014 to till date	1 hour each	Interactive Radio Counselling - 14,
3	PGCGI	B.Sc. (Gen.) with Geology	Delhi	From 2014 to till date	Varied	Teleconferencing - 2
4	PGCGI	B.Sc. (Gen.) with Geology	Delhi	From 2014 to till date	Varied	Web conferencing - 2 sessions
5	PGCGI and B.Sc. (Gen.) with Geology	MGY001, 002, 003 & MGYL-004	Delhi	From July 2014 cycle to till date	-	Web based counselling

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15. Details of Patents granted (if any):

16. Contribution to IGNOU's corporate life:

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period

17. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period
1	Discipline Group Coordinator	2011-12 & 2018-19
2	Member, School Council of School of Sciences	2010 onwards
3	Faculty Convener of the School Council of School of Sciences	2016-2018
4	Member of the Committee for student support in SOS	2013-2015
5	Member School Board of School of Sciences and the School Board Standing Committee	2013-2015
6	Faculty Convener of the Committee for developing draft policy for conduct of lab courses	2014-2015
7	Member of the Committee for Equitable distribution of resources of SOS	2015-onwards
8	Member of the Committee for General Cleanliness in SOS	2015-onwards
9	Faculty Convener of Committee For Recommending strategies for Counseling, Student support & alternative methods for Continuous Assessment of students of SOS	2015-2016
10	Member, IT Committee of the School of Sciences	2010-2012

18. Any other contribution/information: Expert members, Review Service, etc.

1. Expert, Rajasthan Public Service Commission, Ajmer.
2. Contributed in 2018 one chapter on Coast and Coastal Geomorphology to E-Pg Pathshala (MHRD–ALL 4 Quadrants) for Course- M.Sc. (Environmental Science); Paper-Environmental Geology Link: https://epgp.inflibnet.ac.in/view_f.php?category=274
3. Acted as External Academic Member in JRF Recruitment Boards in Defence Terrain Research Laboratory, DRDO, Delhi during 2014-17.
4. Acted as Member, Selection Panels in Centre for Development of Advanced Computing, Pune during 2008-09.
5. Provided review services to the Journals - Geomorphology, IEEE-JSTARS, Journal of Geological Society of India, Applied Remote Sensing, Trends in Soil Sciences and Plant Nutritions.
6. Extension lectures to students of M.Sc. Remote Sensing and GIS on various courses (2012 onwards)
7. Reviewed curriculum of Skill Courses of Classes IX–XII for Geospatial Technology of CBSE in Nov. 2018
8. Vetted syllabus of thermal and Hyperspectral Remote Sensing of M.Sc. GIS and Remote Sensing Program of Amity University, Noida in May 2019
9. Reviewed curriculum of following subjects of Amity University, Noida in May 2019 as External examiner for the AAB:
 - Disaster Risk Management
 - Global Warming and Urban Heat
 - Watershed Management

(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)

- Climate Change Adaptation & Mitigation
10. Reviewed two papers for International Conference on Intelligent Computing and Remote Sensing (ICICRS 2019) held on 19-20 July 2019 in C.V. Raman College of Engineering, Bhubaneswar, Odisha.
 11. Vetted syllabus of course NRG 173 Principles of Remote Sensing M.Sc Geoinformatics at TERI School of Advanced Studies in May 2018
 12. External Examiner/Referee for Masters/M.Phil./PhD. at Delhi University, Jawaharlal Nehru University, GGSIP University, Jiwaji University and M.S. University of Baroda.

Signature of Teacher /Academic

Signature of Director/ Head