

CURRICULUM VITAE



Name* **Dr. Kakoli Gogoi**
Designation* Associate Professor in Geology
Swami Vivekananda Bhawan, Section J, Room no. 8
Contact Address* School of Sciences
IGNOU, Maidan Garhi
New Delhi-68
Contact No. Office* 011-29571679
Email* kakoligogoi@ignou.ac.in

EDUCATIONAL QUALIFICATIONS

Degree	Year	Institute/University
Ph.D.	2008	Dibrugarh University, Dibrugarh.
Masters	2000	Dibrugarh University, Dibrugarh.
Bachelors	1998	Dibrugarh University, Dibrugarh.
PGDDE	2012	IGNOU, New Delhi

CAREER PROFILE

2010-Present: **Associate Professor** in Geology IGNOU, New Delhi.
2009-2010: **Geology Associate** – Innodata Isogen Ltd, Noida, UP.
2007-2008: **Project Fellow** – UGC Sponsored Sap (drs) Research Project, Department of Applied Geology, Dibrugarh University.
2006-2007: **Lecturer In Geology** – Dibrugarh College, Dibrugarh.
2003-2008: **Research Scholar**, Dibrugarh University.

AREA OF INTEREST/SPECIALIZATION

Coal Petrology. Sedimentology, Environmental Geology

ROLE AND RESPONSIBILITIES AT IGNOU

- **Programme Design and Course Coordination Team member:** M.Sc in Geoinformatics, PG Diploma in Geoinformatics, PG Certificate in Geoinformatics (PGCGI) and B.Sc.(Gen.) with Geology programmes.
- **Programme Coordinator:** Post Graduate Diploma in Environment and Sustainable Development Programme (PGDESD).
- **Course Coordinator:** MED-003 (Energy and Environment) and MED-005 (Integrated Environment Management: Rural and Urban) of PGDESD Programme; (MGY-001 Introduction to Geoinformatics and MGY-002 Remote Sensing and Image Interpretation) of PGCGI programme. MGY-101 (Introduction to Geoinformatics, MGY-002 Remote Sensing and Image Interpretation, MGYL-008 Digital Image Processing and Spatial Analysis Laboratory) of PGDGI programme. MGY-011 (Geo-environmental Applications of Geoinformatics, MGYE-041 Geoinformatics in Urban Development and Planning). B.Sc with Geology (CBCS): Core Courses- BGYCT-135 and BGYCL-136 BGYCT-137 and BGYCL-138. Discipline Specific Elective- BGYET-141, BGYEL-142, BGYET-145, BGYEL-146.
- **Programme Maintenance:** PGDESD programme, PGCGI, PGDGI, MSCGI programme and Ph.D (Geology) programme. This includes web counselling, activation of study centres, programme delivery, paper setting, moderation, assignment preparation and paper evaluation, etc.
- **Academic counsellor:** PGCGI programme since July 2014 cycle. PGDESD, PGDGI and M.Sc. in Geoinformatics programmes.

- **Interactive Radio counselling and Teleconferencing session:** Resource persons for M.Sc. Geoinformatics, PG Diploma in Geoinformatics, Post Graduate Diploma in Environment and Sustainable Development, PG Certificate in Geoinformatics

ADMINISTRATIVE/ POSITION/S HELD IN THE UNIVERSITY

- Executive Member of IGNOUTA (T) (2023-2025).
- Member of Academic Council (12th May 2023 to Present).
- Member of Academic Council Standing Committee (12th May 2023 to Present).
- Member of School Board of School of Computer and Information Sciences (SOCIS) (4th Jan. 2021 to Present).
- Member of School Board of School of Tourism & Hospitality Services Management (4th Jan. 2019 to 4th Jan. 2021).
- Geology Discipline Group Coordinator (Jan. 2015 to Jan. 2016; Jan. 2019 to Jan. 2020 and Jan 2022 to present).
- Member- Sub-committee 24th Prof. G. Ram Reddy Memorial Lecture, 2019.
- Member Cultural Programme Committee, School of Sciences, 2016 to June 2019.
- Member Sub-committee 33rd Foundation Day, 2018.
- Member Sports and Cultural Committee, (2017 to 2018), (2016 to 2017) and (2015 to 2016).
- Member of School Board of School of Sciences (Aug. 2014 to Aug. 2016; Nov. 2020 to present).
- Member of Standing Committee of School Board of School of Sciences, Nov. 2014 to Nov.2016.
- Management Committee Member IGNOU Staff Children Development Society, 2013 to2015.
- Member Foundation Day extended committee, 2013.

A. Books/Monographs (Authored/Edited)/ Book Chapter/ Lecture Notes:

- B. Deshmukh, **Kakoli Gogoi** and Sujang Khiamniungan (2023) Sources of Raster Data. In In MGY-101: Introduction to Geoinformatics, pp.97-132.
<https://egyankosh.ac.in/bitstream/123456789/98517/3/Unit-5.pdf>
- B. Deshmukh, **Kakoli Gogoi** and S. Khiamniungan (2023) Overview of Geospatial Data Analysis Tools-II. In MGY-101: Introduction to Geoinformatics, pp.179-196.
<https://egyankosh.ac.in/bitstream/123456789/98515/3/Unit-8.pdf>
- S.Kumar, I.Choudhury Singh and **Kakoli Gogoi** (2023) Environment, Climate and Agriculture. In MGY-101: Introduction to Geoinformatics, pp.185-212.
<https://egyankosh.ac.in/bitstream/123456789/98531/3/Unit-17.pdf>
- S. Kumar, **Kakoli Gogoi** and R. Baskar (2023) Disaster Management. In MGY-101: Introduction to Geoinformatics, pp.213-226. <https://egyankosh.ac.in/bitstream/123456789/98533/3/Unit-18.pdf>
- **Kakoli Gogoi** and M. Prashanth (2023) Types of Platforms and Sensors. In MGY-102 Remote Sensing and Image Interpretation, pp. 79-104, IGNOU.
<https://egyankosh.ac.in/bitstream/123456789/98549/1/Unit-4.pdf>
- **Kakoli Gogoi** (2023) Characteristics of Digital Remote Sensing Images. In MGY-102 Remote Sensing and Image Interpretation, pp. 115-130, IGNOU.
<https://egyankosh.ac.in/bitstream/123456789/98561/1/Unit-13.pdf>
- **Kakoli Gogoi** (2023) GNSS Based Survey. In MGY-103 Global Navigation Satellite System and Geographic Information System, pp. 61-86, IGNOU.
<https://egyankosh.ac.in/handle/123456789/94190>
- **Kakoli Gogoi** (2023) Application of GNSS. In MGY-103 Global Navigation Satellite System and Geographic Information System, pp. 87-103, IGNOU.
<https://egyankosh.ac.in/handle/123456789/94191>
- **Kakoli Gogoi** (2021) Industrial minerals. In BGYET-141 Ore Geology and Industrial Minerals,

- IGNOU. <https://egyankosh.ac.in/handle/123456789/78227>
- **Kakoli Gogoi (2021)** Mineral Fuels. In BGYET-141 Ore Geology and Industrial Minerals, IGNOU. <https://egyankosh.ac.in/handle/123456789/78227>
 - **Kakoli Gogoi** and Nilanjan Konwar (2021) Exploration Methods. In BGYET-141 Ore Geology and Industrial Minerals, IGNOU. <https://egyankosh.ac.in/handle/123456789/78227>
 - **Kakoli Gogoi (2021)** Preparation of Map Showing Distribution of Metallic Mineral Deposits in India. In BGYET-141 Ore Geology and Industrial Minerals: Laboratory, IGNOU, pp.79-98, <https://egyankosh.ac.in/handle/123456789/79013>
 - **Kakoli Gogoi (2021)** Preparation of Map Showing Distribution of Non-Metallic Mineral Deposits in India. In BGYET-141 Ore Geology and Industrial Minerals: Laboratory, IGNOU, pp. 99-126. <https://egyankosh.ac.in/handle/123456789/79013>
 - **Kakoli Gogoi (2021)** Preparation of Map Showing Distribution of Atomic Mineral Deposits of India. In BGYET-141 Ore Geology and Industrial Minerals: Laboratory, IGNOU, pp. 127-134. <https://egyankosh.ac.in/handle/123456789/79013>
 - **Kakoli Gogoi (2021)** Preparation of Map Showing Distribution of Coal and Lignite Deposits of India. In BGYET-141 Ore Geology and Industrial Minerals: Laboratory, IGNOU, pp. 135-144. <https://egyankosh.ac.in/handle/123456789/79013>
 - **Kakoli Gogoi (2021)** Preparation of Map Showing Distribution of Hydrocarbon Basins of India. In BGYET-141 Ore Geology and Industrial Minerals: Laboratory, IGNOU, pp. 145-154. <https://egyankosh.ac.in/handle/123456789/79013>
 - **Kakoli Gogoi (2019)** Sedimentary Structure. BGYCT-135 Petrology, IGNOU, pp.55-74, ISBN: 978-93-90496-44-0; <https://egyankosh.ac.in/handle/123456789/66693>
 - **Kakoli Gogoi (2019)** Classification of Sedimentary Rocks. In BGYCT-135 Petrology, IGNOU, pp. 75-98, ISBN: 978-93-90496-44-0; <https://egyankosh.ac.in/handle/123456789/66693>
 - **Kakoli Gogoi (2019)** Preparation of Diagram Showing Layered Structure of Earth's Interior. In BGYCL-132 Physical and Structural Geology: Laboratory, IGNOU, pp 7-14, ISBN: 978-93-89668-19-3
 - **Kakoli Gogoi (2019)** Preparation of Seismic Zonation Map of India. In BGYCL-132 Physical and Structural Geology: Laboratory, IGNOU, pp 15-23, ISBN: 978-93-89668-19-3.
 - **Kakoli Gogoi (2019)** Study and use of Clinometer Compass. In BGYCL-132 Physical and Structural Geology: Laboratory, IGNOU, pp 65-75, ISBN: 978-93-89668-19-3.
 - **Kakoli Gogoi (2019)** Preparation of Maps with important Coal and Oilfields in India. BGYCL-134 Crystallography, Mineralogy and Economic Geology, IGNOU, pp171-177, ISBN: 978-93-89969-16-0
 - **Kakoli Gogoi (2019)** Coal and Petroleum. BGYCT-133 Crystallography, Mineralogy and Economic Geology, pp197-215, IGNOU, ISBN: 978-93-89969-65-8; <https://egyankosh.ac.in/handle/123456789/58973>
 - S.Kiran and **Kakoli Gogoi (2018)** Impact of Coal Mining on Environment: A Study of Sattupalli Coal Field, Godavari Valley, India. In: Environmental and Ecological Sustainability (Eds.) Rupni B., Baskar Sushmita, Sahoo S. and Kapur, N.S., pp115-123, IGNOU, ISBN: 978-93-87960-94-7.
 - Meenal Mishra, **Kakoli Gogoi** and Benidhar Deshmukh (2016) Status of Women in Geoscience Education in India. Chapter 25. In: Dimensions of Education (Eds.) Jha A. K. and Singh S. P., pp. 321-331, Renu Publishers, ISBN:978-93-85502-08-8.
 - Benidhar Deshmukh, Meenal Mishra and **Kakoli Gogoi (2016)** Geospatial Education in India: Present Scenario. Chapter 22. In: Dimensions of Education (Eds) Jha A. K. and Singh S. P., pp. 273-286. Renu Publishers, ISBN:978-9385502-08-8.
 - **Kakoli Gogoi** and M. Prashanth (2012) Sensors and Platforms. In Sensor and Space Programmes, pp. 5-28, IGNOU, ISBN: 978-81-266-5967-8.
 - **Kakoli Gogoi (2012)** Characteristics of Digital Remote Sensing Images. In Image Interpretation, pp. 65-81, IGNOU, ISBN: 978-81-266-5968-5.

- **Kakoli Gogoi (2013)** GPS Survey and Applications. In Global Navigation Satellite System, pp. 39-48, IGNOU, ISBN: 978-81-266-6317-0.

B. Papers in Refereed/Peer reviewed Journals:

- S. Kiran and **Kakoli Gogoi (2023)** Rock-Eval Pyrolysis and Petrographic Characteristics of Coals of Chintalapudi Sub-Basin, Pranhita-Godavari Basin, Southern India: Implication to Depositional Environment, *Journal of Geosciences Research*, Vol.8, No.2, July 2023, pp.100-109, ISSN: 2455-1953, <https://doi.org/10.56153/g19088-022-0129-29>
- **Kakoli Gogoi**, Benidhar Deshmukh, Meenal Mishra, M. Prashanth and Omkar Verma (2022) Need Assessment for Masters in Geoinformatics in Open and Distance Learning: An Initiative towards NEP-2020. *Indian Journal of Open Learning*, Vol. 31, no. 1, pp. 99-113, ISSN 0971-2690; <http://journal.ignouonline.ac.in/index.php/IJOL/article/view/862>
- **Kakoli Gogoi** and Nageswara Rao (2022) Analysis of Rainfall Trends Over Assam, North East India, *Current World Environment*, Vol.66, no.1, pp.435-446, ISSN 0973-4929; Doi: <http://dx.doi.org/10.12944/CWE.17.2.15>
- S. Kiran, Rohit Kumar and **Kakoli Gogoi (2022)** Land Use/Land Cover Dynamics During 2001 And 2021 Using Google Earth Engine and GIS in Ramagundam Coal Mining Area, A Part of Pranhita Godavari Valley, Southern India. *Journal of Scientific Research of The Banaras Hindu University*, vol.66, issue 1, ISSN: 0447-9483. <http://dx.doi.org/10.37398/JSR.2022.660107>
- M. Prashanth, A. Kumar, S. Dhar, O. Verma and **Kakoli Gogoi (2022)** Hypsometric Analysis for Determining Erosion Proneness of Dehar Watershed, Himachal Himalaya, North India. *Journal of Geosciences Research*, Vol.7 No.1, pp. 86-94, ISSN: 2455-1953; <https://www.gondwanags.org.in/wp-content/uploads/2022/12/9-Prashanth-et-al.pdf>
- Benidhar Deshmukh, **Kakoli Gogoi** and Meenal Mishra (2019) Capacity Building of Teachers in Geospatial Technology. *Staff and Educational Development International*, Vol.23 No.2, pp. 67-76, ISSN 0971-9008; https://www.researchgate.net/publication/343127324_Capacity_Building_of_Teachers_in_Geospatial_Technology
- Meenal Mishra, **Kakoli Gogoi** and Benidhar Deshmukh (2019) Postgraduate Certificate in Geoinformatics at IGNOU-A Tool for Skill Enhancement for Women Empowerment. *Mahila Pratishtha*, Vol. 4, Issue 4, pp. 165-174 ISSN: 2454-7891.
- Benidhar Deshmukh, **Kakoli Gogoi** and Meenal Mishra (2019) Reaching the unreached through Geoscience and Geospatial Education at IGNOU for Societal Benefits. *Asian Journal of Multidimensional Research*, Vol.8, Issue 6, pp.114-123, ISSN (online):2278-4853, DOI No. 10.5958/2278-4853.2019.00222.2.
- **Kakoli Gogoi (2018)** Geochemical Characteristics of Tertiary Coals of Collieries of Makum Coalfield: Implication to Depositional Environment. *Journal of Emerging Technologies and Innovative Research*, Vol. 5, Issue 8, pp. 754-759, ISSN2349-5162. <http://www.jetir.org/papers/JETIRA006133.pdf>
- **Kakoli Gogoi** and M.N. Dutta (2017) Maceral Analysis And Chemical Composition of Makum Coals, Upper Assam: Implication to Depositional Environment. *International Journal for Research in Applied Science & Engineering Technology*, Vol. 5, Issue X, pp. 604-611, ISSN: 2321-9653. <http://doi.org/10.22214/ijraset.2017.10090>
- **Kakoli Gogoi**, Benidhar Deshmukh and Meenal Mishra (2017) Addressing Perception of Geoethics Through Geoscience Curriculum at IGNOU. *Educational Quest*, Vol. 8(3), pp. 481-486, ISSN: 0976-725. <https://ndpublisher.in/admin/issues/EQv8n3h.pdf>
- **Kakoli Gogoi**, Benidhar Deshmukh, Meenal Mishra (2016) Challenges and Opportunities in Geoscience Education in Open and Distance Learning: Indian Scenario. *Learning Community Publishers*, Vol.7 No.2, pp. 117-126, ISSN No. 0976-3201. DOI:10.5958/2231-458X.2016.00012.9
- **Kakoli Gogoi**, M.N. Dutta and P.K.Das (2010) Distribution and seamwise variation of sulphur in Makum coalfield of Assam, India. *Journal of Applied geochemistry*, Vol.12 No.1, pp. 73-83,

ISSN:0972-1967.

- **Kakoli Gogoi**, M.N. Dutta, P.K.Das and M.Borah (2010) “Chemical composition, rank and utilization prospect of the coals of Makum Coalfield, Upper Assam.”- published in proceedings UGC sponsored national seminar on environment management- role of its stakeholder, Dimoria College, Khetri, Kamrup pp 76-80.
- **Kakoli Gogoi**, M.N. Dutta and P.K.Das (2008) Source rock potential for hydrocarbon generation of makum coals, Upper Assam, India. Current Science, Vol.95, No.2, pp. 233-238, ISSN:0011-3891. <https://www.currentscience.ac.in/Volumes/95/02/0233.pdf>

CONFERENCES/SEMINARS/WORKSHOPS PARTICIPATED

A. Resource Person/Conferences/Seminars participated/Presented:

- **Kakoli Gogoi (2023)** Application of Google Earth Engine on Land Use Land Cover with special emphasis on vegetation: A case study of coalfields in parts of the Pranhita-Godavari Basin, Telangana, India, 1st International Conference on Advances in Science, on 5th May 2023, organized by Gargaon College Science Forum & IQAC, Gargaon College in collaboration with CSIR-NEIST.
- **Kakoli Gogoi (2023)** Megascopic Properties of Mafic-Ultramafic Rocks In Parts of Noklak District, Nagaland. 1st International Conference on Advances in Science, on 5th May 2023, organized by Gargaon College Science Forum & IQAC, Gargaon College in collaboration with CSIR-NEIST.
- **Kakoli Gogoi (2023)** Sediment Yield Index Model to Assess Soil Yield in Part of Lower Betwa Watershed, Central India, 1st International Conference on Advances in Science, on 5th May 2023, organized by Gargaon College Science Forum & IQAC, Gargaon College in collaboration with CSIR-NEIST.
- **Kakoli Gogoi (2018)** Geochemical Characteristics of Tertiary Coals of Collieries Of Makum Coalfield: Implication to Depositional Environment. In International Conference on Research Trends in Engineering, Applied Science and Management ICRTESM-2018, Osmania University, Hyderabad.
- **Kakoli Gogoi (2018)** Career Opportunities in Earth Science. In DST-Vigyan Jyoti three weeks residential programme, School of Sciences, IGNOU, New Delhi.
- S.Kiran and **Kakoli Gogoi (2018)** Impact of Coal Mining on Environment: A Study of Sattupalli Coal Field, Godavari Valley, India. In: Environmental and Ecological Sustainability, IGNOU, New Delhi.
- **Kakoli Gogoi (2018)** Fossil Fuels. In DST-Vigyan Jyoti three weeks residential programme, School of Sciences, IGNOU, New Delhi.
- **Kakoli Gogoi (2018)** Career in Petroleum Industry. In DST-Vigyan Jyoti three weeks residential programme, School of Sciences, IGNOU, New Delhi.
- Benidhar Deshmukh, **Kakoli Gogoi** and Meenal (2017) Distance Education in Geospatial Technology at IGNOU and its Implications for Teacher Education. In National Conference on Teacher Education through Open and Distance Learning: Challenges and the Road Ahead, School of Education, IGNOU, New Delhi.
- **Kakoli Gogoi (2017)** Sulphur In Coal And Its Environmental Impact: A Case Study From Makum Coalfield. In National Conference on Inclusive Growth for Financial Inclusion and Social Development, Government Girls Degree College, Behat, Saharanpur.
- **Kakoli Gogoi**, Benidhar Deshmukh and Meenal Mishra (2017) Geoscience Education in IGNOU and its Implications on Geoethics and Sustainable Development. In International Seminar on Skill Development through ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods, Staff Training and Research Institute of Distance Education IGNOU, New Delhi.
- Benidhar Deshmukh, Meenal Mishra and **Kakoli Gogoi (2017)** Geospatial Technology Education at IGNOU - Experiments and Innovation. In International Seminar on Skill Development through ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods,

- Staff Training and Research Institute of Distance Education IGNOU, New Delhi.
- Meenal Mishra, **Kakoli Gogoi** and Benidhar Deshmukh (2017) Post Graduate Certificate in Geoinformatics at IGNOU- A Tool for Skill Enhancement for Women Empowerment, International Seminar on Skill Development through ODeL: Innovations, Entrepreneurship, Employment for Inclusive and Sustainable Livelihoods, Staff Training and Research Institute of Distance Education IGNOU, New Delhi.
 - **Kakoli Gogoi**, Benidhar Deshmukh and Meenal Mishra (2015) Geoscience Education in India at School level: A Review. In International Conference by The Learning Community on Quest for Excellence in Higher Education, Sidana Institutes of Education, Khiala Khurd, Amritsar, Punjab.
 - **Kakoli Gogoi**, Benidhar Deshmukh and Meenal Mishra (2015) Challenges and Opportunities in Geoscience Education in Open and Distance Learning: Indian Scenario. In International Conference of the Learning Community on Trends & Innovative Practices in Education: Future & Implications, Ramgarhia College of Education, Phagwara, Punjab.
 - **Kakoli Gogoi**, Benidhar Deshmukh and Meenal Mishra (2015) Geospatial Education in India. In International Conference of the Learning Community on Trends & Innovative Practices in Education: Future & Implications, Ramgarhia College of Education, Phagwara, Punjab.
 - **Kakoli Gogoi** and M.N. Dutta (2014) Evaluation of hydrocarbon potential of Oligocene Coals of Makum Coal Field, Upper Assam. In 16th Conference of the International Association for Mathematical Geosciences, Jawaharlal Nehru University, New Delhi.
 - **Kakoli Gogoi** and M.N. Dutta (2012) Chemical characteristics and utilization prospect of Oligocene coal, Makum coalfield, NE India. In XXVI Gujarat Science Congress, Maharaja Sayajirao University Baroda, Gujarat.
 - **Kakoli Gogoi**, M.N. Dutta and P.K.Das (2010) Seamwise distribution of sulphur in Makum coalfield, NE India. In Department of Applied Geology, Dibrugarh University, Assam.
 - **Kakoli Gogoi** and M.N. Dutta (2009) Coal petrology of Makum Coalfield, NE India. In Department of Applied Geology, Dibrugarh University, Assam.
 - **Kakoli Gogoi** and M.N. Dutta (2008) Chemical characteristics and source rock potential of the coal of Makum coalfield, Upper Assam. In 53rd Annual technical session of Assam Science Society, Guwahati, College of Veterinary Science, AAU, Khana para, Guwahati.
 - **Kakoli Gogoi** and M.N. Dutta (2007) Chemical Characterization and Source Rock Potential of the coal of Makum Coalfield, Upper Assam. In Department of Applied Geology, Dibrugarh University, Assam.
 - **Kakoli Gogoi** and M.N. Dutta (2007) Petro-Chemical study of the Tertiary coal of Makum Coalfield, Upper Assam, with special reference to its Source rock Characteristics. In Department of Applied Geology, Dibrugarh University, Assam.
 - **Kakoli Gogoi** and M.N. Dutta (2006) Tertiary coals of Makum Coalfield, Assam: Chemical composition, rank and utilization prospect. In 51st Annual technical session of Assam Science Society, Guwahati, Institute of Advance Study in Science & Technology, Guwahati.

B. Invited lecture/Workshops participated/Presented:

- **Resource person** in **UGC-Sponsored Online Refresher Course in Geo Sciences & Geo-Informatics** (Interdisciplinary) for University and College Teachers, on 21st November 2023, organized by UGC-Human Resource Development Centre, Bharathidasan University, Tiruchirappalli. Topic: Coal Petrography and Rock-Eval Pyrolysis for Assessment of Source Rock Potential.
- Organized a **Panel Discussion on International Day for Disaster Risk Reduction 2021** on 13th October 2021, School of Sciences (SOS), Indira Gandhi National Open University (IGNOU) in Collaboration with National Institute of Disaster Management.
- Ten days **International Online Colloquium on “Recent Trends in Geology (RTG-2020)”** held from 21st to 30th May 2020, organized by Department of Geology Periyar University PG Extension Centre,

Dharmapuri, Tamil Nadu.

- Two day training programme **on use of ICT Tools for Teaching and Providing Online Support to students during Covid-19** held from 21st to 22nd May 2020, organized by School of Computer and Information Sciences, Indira Gandhi National open University, New Delhi.
- Participated in the **International webinar lecture series- 1st episode on “GIS and Remote Sensing solutions for post COVID-19 new world order”** held on 4th June 2020, organized by the department of Geography, Nirmala College for Women, Coimbatore, Tamil Nadu.
- Participated in the **1st International (Virtual) Symposium on Geoethics**, held on 14th June 2020, organized by International Association Promotion of Geoethics (IAPG), India Chapter in collaboration with National Institute of Disaster Management (NIDM) and Amity University Haryana.
- Five day online **Faculty Development Programme on “Energy Conservation and Renewable Energy”** held from 08th to 12th June 2020 organized by School of Engineering and Technology, Indira Gandhi National Open University, New Delhi.
- Five days **International Online conference on “Current Priorities and Challenges in Earth & Environmental Sciences (CPCEES-2020)”** held from 15th to 19th June 2020, organized by Department of Geology, Periyar University PG Extension Centre Dharmapuri, Tamil Nadu.
- Webinar entitled **“Recent Advances in Geological Research”** organized on 5th August 2020 by department of Geology, fakir Mohan University, Balasore, Odisha.
- One week **Faculty development Programme on “Academic Writing”** held from 18th to 24th February 2021, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.
- Inter-disciplinary and Multi Lingual Two Week **Refresher course/Faculty Development Programme on “Managing Online Classes & Co-creating MOOCS 4.0”** held from 11th to 26th March 2021, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.
- **International Workshop on Machine Learning for Data Analytics** held from 13th to 22nd of March 2021 at Gargaon College, Assam in collaboration with the Department of Applied Geology, Dibrugarh University, Assam; IEEE University of Melbourne Student Branch, Melbourne Australia.
- National webinar held on **“Hydrocarbon Exploration and Development: Current Perspective”** on 31st July 2021, organized by Department of Applied Geology, Dibrugarh University, Dibrugarh, assam.
- Four day **“National webinar on Geosciences”** held on 4th and 5th lecture of the “Lecture Series-Our Technocrats Our Pride” held from 21st to 24th August 2021, organized by Department of Applied Geology, Dibrugarh University, Dibrugarh, assam.
- One Day **Seminar on Innovative Practices in IGNOU** on April 22, 2019 organised by NCIDE, IGNOU, New Delhi.
- Delivered an **invited lecture entitled “Career in Petroleum Industry”** in DST-Vigyan Jyoti three weeks residential programme “Breaking Stereotypes in the Field of Science and Technology for girl students (Kendriya Vidyalaya and Navodaya Vidyalaya in and around Delhi) through Motivational Guidance” (08/06/2018) organized by IGNOU Headquarters, New Delhi (Sponsored by Department of Science and Technology, New Delhi).
- Delivered an **invited lecture entitled “Fossil Fuels”** in DST-Vigyan Jyoti three weeks residential programme “Breaking Stereotypes in the Field of Science and Technology for girl students (Kendriya Vidyalaya and Navodaya Vidyalaya in and around Delhi) through Motivational Guidance” (12/06/2018) organized by IGNOU Headquarters, New Delhi (Sponsored by Department of Science and Technology, New Delhi).
- Delivered an **invited lecture entitled “Career Opportunities in Earth Science”** in DST-Vigyan Jyoti three weeks residential programme “Breaking Stereotypes in the Field of Science and Technology for girl students (Kendriya Vidyalaya and Navodaya Vidyalaya in and around Delhi) through Motivational Guidance” (18/06/2018) organized by IGNOU Headquarters, New Delhi (Sponsored by Department

of Science and Technology, New Delhi.

- Successfully completed **MOOC (SWAYAM) Metamorphic Petrology and Thermodynamics** (4 credit) offered by Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.)
- **Faculty Development Programme on Revisiting and Review of Learner Support Services (LSS)** at(07-17 May, 2019) organized by Staff Training and Research Institute of Distance Education (STRIDE) IGNOU, New Delhi.
- **Faculty Development Programme for the Teachers and Academics of IGNOU**, (6-12th November2017) organized by Staff Training and Research Institute of Distance Education (STRIDE) IGNOU, New Delhi.
- **Refresher Programme on ICT in ODL for the Teachers and Academics of IGNOU**, (April 6th to 28th,2017) organized by Staff Training and Research Institute of Distance Education (STRIDE) IGNOU, New Delhi.
- **85th Orientation Programme** (8Apr-3May 2013) organized by UGC/ASC at Jawaharlal Nehru University, New Delhi.
- Workshop on **“Video Production”**, (2013) organized by Electronic and Media Production Centre, Ignou.
- **“Creativity and Innovation in Design and Development of Assessment Methods”** (2013) attended workshop organized by NCIDE, Ignou.
- **“Creative Use of Technology and Tools for Teaching and Learning”** (2013) attended workshop organized by NCIDE, Ignou.
- **“International Author Workshop”**, (2013) attended workshop organized by Spinger and Edanz.
- **“Creativity in Design and Development of Self Instructional Materials Print”**, (2013) attended workshop organized by NCIDE, Ignou.
- **Refresher Programme in “Distance Education** (16Jan – 9 Feb 2012) organized by Staff Training and Research Institute of Distance Education (STRIDE), Indira Gandhi National Open University, New Delhi.
- **“Identifying and Inculcating Creative Practices in Teaching and Learning”**,(2012) attended workshop organized by NCIDE, IGNOU.
- **“Multimedia E-Content Development using Open Source Tools”**, (2012) attended workshop organized by IUC, IGNOU.
- **“ODL-SOFT functionalities for new faculty of IGNOU”**, (2012) attended workshop organized by IUC, IGNOU.
- Induction programme on **“Distance Education: Theory and Practice”**, (2010) Organized by Staff Training and Research institute of Distance Education, IGNOU, New Delhi.
- UGC sponsored workshop on **“Waste Disposal Management”**, (2007) organized by Department of Applied Geology, Dibrugarh University.
- UGC sponsored workshop on **“Earthquake Hazard and Northeast India”**, (2005) organized by Department of Applied Geology, Dibrugarh University.

HONOURS/AWARDS/DISTINCTIONS

- Recipient of Merit P.G Research Scholarship, Director of higher education, Assam Government (2004-2005).
- MSc in Applied Geology 1st class 1st position Dibrugarh University, Assam (2000).

PROFESSIONAL ASSOCIATIONS

- Life Member- Geological Society of India
- Life Member- Indian Science Congress Association.