

Curriculum Vitae



Javed Manzoor

Sr. Assistant Professor
Department of Environmental Science

Address

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Date of Appointment: 05/02/2009

Teaching Experience: 15 years

Research Experience: 07 Years

Area of Specialization: Pollution Sampling and Analysis

Subject areas of Interest

Solid Waste Management, Ethno-botany, Natural Resource Management.

Subject/Courses Taught

Environmental Science, Solid Waste Management, Environmental Impact Assessment, Environmental Pollution and Management, Environmental Hazards: Concept and Management.

AWARD /APPRECIATIONS

- Awarded Science Talent Promotion Scholarship at **Post Graduate Level** by the **Department of Science and Technology J&K Govt.** for the year **2002**.
- Awarded **Appreciation Certificate** as Convener of Scholarship Committee by the **J&K State Advisory Board for the Development of Pahari Speaking People** in **2015-16** in connection with Pahari Scholarship.
- Awarded **Best Paper Presentation Award (Poster)** in the category of **Environmental Science** in two Day National Science Conference on Science, Society and Sustainable Development Organized by Poonch Campus, University of Jammu in collaboration with **GDC Poonch on 25th-26th November, 2017**.
- Awarded **Appreciation Certificate/Commendation letter** from Govt. Degree College Mendhar in **2019** in connection with NAAC assessment of the college.
- Awarded **Appreciation Certificate** from Govt. Degree College Mendhar in **2019** in connection with the establishment of the **Green Club** in the college.
- Awarded **Appreciation Certificate/Commendation letter** from Govt. Degree College Mendhar in **2020** in recognition as a dedicated teacher and researcher in the field of Environmental Science.

- Awarded **Environmental Conservator Award** on eve of “**World Environment Day**” **2020** for participating in plantation drive with the theme “10,000 tree plantations Campaign 2020 jointly Organized by **Climate Change, Agriculture and Food Security (CCAFS), IRRI, and World Agroforestry, We for Nature, Classlaga.com, Cocoler and Landrace.**
- Awarded **ETC Global Teacher Award 2020 (Environmental Education)** in recognition of Outstanding and dedicated efforts in the Educational and Environmental field by **Eco-Training Centre Salsa Sweden, Scotland.**
- Awarded **Appreciation Certificate** on eve of “**World Environment Day**” **2021** for participating in plantation drive and being the part of mission to plant 1 million plants during 05 June 2021 to 05 June 2022 jointly Organized by **Heart for Earth Foundation (H4E).**
- Awarded **Appreciation Certificate/Commendation letter** from Govt. Degree College Mendhar for the session **2021-22** in recognition as a dedicated teacher and researcher in the field of Environmental Science.

PUBLICATIONS (Research Papers and Book Chapters)

a) In Journals

- **Javed Manzoor 2017.** An Assessment of Environmental Awareness among the Residents of Tehsil Mendhar, District Poonch, J&K, 185211, India”, **International Journal of Scientific Research and Management.** Volume 5 Issue 07 pp 6265-6270, doi: [10.18535/ijorm/v5i7.59](https://doi.org/10.18535/ijorm/v5i7.59) (July 2017).
- **Javed Manzoor 2017.** Assessment of Solid Waste Generation in Residential area of Mendhar Town, District Poonch J&K, India (A case study)”, **Indian Journal of Scientific Research.** Vol.15 issue 1, pp 170-174, (July 2017).
- **Javed Manzoor and Basharat Ali 2017.** Socio-religious abode for the conservation of forest flora: A study of some sacred groves of sub-division Mendhar of Jammu and Kashmir, India”, **International Journal of Current Trends in Science and Technology.** Vol. 7, Issue. 8, pp 20244-20254, (August 2017).
- **Javed Manzoor and Basharat Ali 2017.** Traditional use of medicinal plants: A report from Pahari Community of Sub- division Mendhar, District Poonch, Jammu & Kashmir, India”, **Medicinal Plants: International Journal of Phytomedicines and Related Industries.** Vol. 9 (3), pp 216-220, doi: [10.5958/0975-6892.2017.00033.8](https://doi.org/10.5958/0975-6892.2017.00033.8) (September 2017).
- **Javed Manzoor 2017.** Role of Socio-religious Beliefs in the Conservation of Natural Resources Viz a Viz Modern Education and Technology: A consideration from Poonch District of Jammu and Kashmir”, **International Journal of Current Trends in Science and Technology.** Vol. 8, Issue. 01, pp 20532-20536, doi: [10.15520/ctst.v8i01.212](https://doi.org/10.15520/ctst.v8i01.212) (December 2017).
- **Javed Manzoor 2017.** Management of Water Resources: A Sustainable Approach to Delineate Potential Groundwater Recharging Sites in Poonch District of Jammu and

- Kashmir, India”, **International Journal of Current Advanced Research**. Vol. 6, Issue 12, pp 8385-8387, doi: [10.13140/RG.2.2.14485.45285](https://doi.org/10.13140/RG.2.2.14485.45285) (December 2017).
- **Javed Manzoor and Asma Tabassum 2018**. A Perspective in Declining Sex Ratio with respect to Poonch District of Jammu and Kashmir, India”, **International Journal of Current Advanced Research**. Vol. 7, Issue 1(F), pp 9093-9095, doi: <http://dx.doi.org/10.24327/ijcar.2018.9095.1489> (January 2018).
 - **Javed Manzoor 2018**. Traditional Knowledge on Some Ethnotoxic Plants reported from Poonch District of J&K, India” **Indian Forester**. Vol.144 (6):570-578, (June 2018).
 - **Javed Manzoor and Waseem Akram 2019**. Role of Mass Media in creating Environmental Awareness among the residents of Poonch District of J&K India”, **International Journal of Advanced Scientific Research and Management**. Volume 4 Issue 1, pp 131-133, doi: [10.18535/ijstrm/v5i7.59](https://doi.org/10.18535/ijstrm/v5i7.59) (January 2019).
 - **Javed Manzoor 2019**. Parthenium hysterophorus: A pernicious threat to phytodiversity of Poonch district, Jammu and Kashmir, India”, **Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences**. 5(2) pp 84-89, doi: [10.26479/2019.0502.06](https://doi.org/10.26479/2019.0502.06) (March –April 2019).
 - **Javed Manzoor and Mahroof Khan 2019**. Study on Resource Utilization Pattern in a village of Poonch District of Pir Panjal Himalayas, Jammu & Kashmir”, **Eco-Chronicle, an International Journal of Environmental and Social Research**. Vol. 14(1), pp 66 – 72, (March, 2019).
 - **Javed Manzoor, Mahroof Khan and Sabina Bashir 2019**. Fuel and Fodder Consumption Pattern with Special Reference to Environment: A case study”, **International Journal of Biosciences (IJB)**. Bangladesh. Vol. 14(5), pp 425 – 431, doi: [10.12692/ijb/14.5.425-431](https://doi.org/10.12692/ijb/14.5.425-431) (May, 2019).
 - **Javed Manzoor and Zafar Iqbal 2020**. Physico-chemical Analysis of Mendhar Nallah-A tributary of Poonch river of Jammu and Kashmir, **Indian Journal of Environmental Protection, IJEP**. 40(1), pp 3-11, (February 2020).
 - **Javed Manzoor and Mahroof Khan Ali 2020**. Environmental Perspective of Stone Crushing and Quarrying: A case study from Poonch District Of Jammu and Kashmir, India, **Current World Environment**. 15(1) pp 68-74, doi: [10.12944/CWE.15.1.10](https://doi.org/10.12944/CWE.15.1.10). (May, 2020).
 - **Javed Manzoor and Mohd Junaid Jazib 2021**. Distribution Pattern and Phytosociological study of trees associated with Agroforestry in Poonch District of Jammu and Kashmir, India, **Journal of Biodiversity Conservation and Bioresource Management**, 6(2), 77–82. <https://doi.org/10.3329/jbcbm.v6i2.55249>. (September 2021).
 - Mohd Junaid Jazib and **Javed Manzoor 2021**. Composition, Population Structure and Regeneration Potential of Tree Species in Oak-Dominated Mixed Forests of Rajouri District in Jammu and Kashmir, India, **Journal of Bioresource Management**, 8 (4),167-176.(September 2021).
 - **Javed Manzoor and Mohd Junaid Jazib 2023**. Local perception on climate change and its impact on livelihood: a case study from Poonch district of J&K, India, **Sustainability**,

Agri, Food and Environmental Research,11 pp doi: <http://dx.doi.org/10.7770/safer-V11N1-art78>

b) Book Chapters

- **Javed Manzoor 2018.** Aligarh Movement and Women Education” in book entitled **Sir Syed Aur Fikr-e-Sir Syed** Compiled by Dr. Mohd Latif Mir based on proceeding of One Day National Urdu Seminar Organized by Department of Urdu and NSS GDC Mendhar and published by Educational Publishing House New Delhi 6,India, **ISBN 978-93-88105-69-9, pp 193-199.**
- **Javed Manzoor 2019.** Water Conservation: A paramount need of the hour” in book entitled **Adab Aur Samaj** Compiled by Dr. Mohd Latif Mir based on proceeding of One Day National Urdu Seminar Organized by Department of Urdu and NSS GDC Mendhar and published by Brar Sons, Brar Street Hazrat Sheikh road Maler, Malerkotla-148023(Punjab), **ISBN 978-81-945681-0-0, pp 191-195.**
- **Javed Manzoor 2022.** Published a chapter entitled “Overview of Health and Environmental Sanitation in Poonch District Of Jammu And Kashmir, India” in edited Book **Science and Technology in Sustainable Development** published by Scieng publications Tamil Nadu India, **ISBN 978-93-94766-19-8, pp 112-118.**
- **Javed Manzoor 2022.** Published a chapter entitled “A Case Study of Environmental Education's Role in Biodiversity Conservation” in edited Book **“Emerging Issues in Environment, Agriculture & Education”** published by Red’shine Publication Pvt. Ltd. Headquarters (India): 88, Patel Street, Navamuvada, Lunawada, India-389 230 **ISBN: 978-93-954564-40-1,pp 19-28.**
- **Javed Manzoor 2022.** Published a chapter entitled “Environmental interpretation of COVID-19 Outbreak” in edited Book **“Effects of COVID-19 Pandemic”** published by Red’shine Publication Pvt. Ltd. Headquarters (India): 88, Patel Street, Navamuvada, Lunawada, India-389 230 **ISBN: 978-93-954567-1-5,pp 57-67.**

c) Review of Research Papers

- Review a research paper entitled “Effect of Occupational Silica Exposure on Stone Crusher Workers” (**Applied Ecology and Environmental Sciences**, 2021)
- Review a research paper entitled “Ethnobotanical Study of Medicinal plants used by People of Gumer Woreda, Gurage Zone, SNNPR, Ethopia” (**Asian Journal of Research in Botany**, 2021).
- Review a paper entitled “Fever and shock not always mean septic shock” (**Asian Journal of Case reports in Medicine and Health**).

SEMINARS/SYMPOSIA /CONFERENCES

- Participated in One Day National Seminar on “Role of AMU Aligarh in Upliftment of Muslim Community” Organized by GDC Mendhar on 13th of October, 2010.
- Participated in International Conference on Global Warming: the biggest challenge of 21st century on 24th – 26th Feb. 2011 at GDC, Udhampur.

- Participated in One Day Conference on “Relevance of Sir Sayed and Aligarh Movement in Present Education Scenario” Organized by GDC Mendhar on 17th of October, 2011.
- Participated in 7th JK State Science Congress on 13th to 15th November 2011 at University of Jammu.
- Participated in two days 33rd Annual Kashmiri Literacy Conference Organized in GDC, Poonch by Adbee Markaz Kamraz Kashmir on 2nd and 3rd July 2012.
- Attended one day Seminar on Local Bio-diversity Organized by Department of Biosciences, GDC Mendhar in Collaboration with WWF-India Regional Office Rajouri on 30th Aug. 2012 at GDC Mendhar.
- Participated in one day National Seminar on “National Integration, Communal Harmony and Aligarh Movement” Organized by GDC Mendhar on 17th Oct., 2012.
- Participated in National Seminar on Higher Education in J&K: Challenges and Perspectives held at GDC Kathua in Collaboration with ICSSR, North Western Regional Centre Punjab University Chandigarh on 22nd and 23rd December 2012.
- Participated in one day seminar on “Issues and Challenges faced by Women in the Contemporary Society” Organized by GDC Mendhar on 17/02/2014.
- Participated in a Seminar on Role of youth imperative for Communal Harmony/National Integration Organized jointly by District Police Poonch and GDC Mendhar on 05/03/2014.
- Participated in two-day “National Symposium on Interdisciplinary Sciences” held on Feb., 27-28, 2015 Organized by Govt. Gandhi Memorial Science College, Jammu (J&K).
- Participated and presented paper entitled “Environmental Implications of road network in Tehsil Mendhar” in State Level 2nd One Day Science Conference on Innovative Trends in Biodiversity Conservation on 08/03/2017 Organized by Department of Biosciences GDC Mendhar.
- Participated and presented paper entitled “Change in water quality of perennial water bodies in tehsil Mendhar and its effect on Aquatic Flora” in two days National Conference on Interdisciplinary Science and Humanities Organized by PG College Rajouri on 15th and 16th of March-2017.
- Participated and presented paper entitled “Generation of Solid Waste in Mendhar town, a case study” in One Day State Level Interdisciplinary Science Conference on Innovative Research in Science and Technology for Sustainable Development Organized by Govt. Degree College Poonch on 20/03/2017.
- Participated and presented paper entitled “Women education and Aligarh Movement” in One Day National seminar on the relevance of Sir Syed,s thoughts in present day era Organized by Department of Urdu G.D.C Mendhar in collaboration with NSS, Unit, GDC Mendhar on 24th of October 2017.
- Participated and presentation a Poster entitled “An overview of qualitative and quantitative composition of solid wastes generation in residential area of Mendhar Town” in two Day national science conference on Science, Society and Sustainable Development

Organized by Poonch Campus, University of Jammu in collaboration with GDC Poonch on 25th-26th November, 2017.

- Participated and presented a Poster entitled “Ethno-Medicinal usage of Plants by the Pahari Speaking Community of Sub-division Mendhar Poonch, Jammu and Kashmir” in two days National seminar on Ethno botany and traditional knowledge in biodiversity conservation Organized by the Department of Botany, BGSB University, Rajouri in collaboration with Indian council of Social Science Research, New Delhi on 8th and 9th of March, 2018.
- Participated and presented a Poster entitled “Environmental perspective of M/s. S. K. Stone crushing and quarrying unit, Mendhar Poonch” in two day national Science conference held at GDC Thanamandi on March 19-20, 2018.
- Participated and presented a paper entitled “Artificial recharge of ground water with respect to Poonch district of Jammu and Kashmir” in one day National Conference on Interdisciplinary Sciences and Humanities held at Govt. PG College Rajouri on 22nd March, 2018.
- Participated and presented paper entitled “Imam Hussain : The Saviour of humanity” in 2nd One Day National Shaheed-e-Insaniyat conference Organized by Department of Persian in collaboration with Department of Arabic G.D.C Mendhar on 4th of October 2018.
- Participated and presented paper entitled “Water Conservation : An Utmost need of the hour” in One Day National Urdu Seminar Organized by Department of Urdu in collaboration with NSS Unit G.D.C Mendhar on 31st of October 2018.
- Participated and presented a paper entitled “Junk food: Consumption and knowledge of health implications among the college students” in two days National Conference on recent trends in Sciences, Social Sciences and Humanities held at Govt.PG College Rajouri on 19th and 20th January 2019.
- Participated and attended one day National Level Education Summit 2019 entitled “Pirpanchal region-In pursuit of educational excellence and challenges ahead” Organized by SUPER 30 College of Competitions held at Govt. Degree College Poonch, on 05th of May, 2019.
- Participated and presented a paper entitled “Physico-Chemical analysis of Mendhar nallah, a tributary of Poonch River of Jammu and Kashmir, India” in Two Days National Conference on Recent Trends in Agriculture, Biosciences, Computer Application, Environment And Humanities (RTABCEH-2020) organized by Super 30 College of Competitions in association with GDC Poonch on 18th and 19th of August 2020.
- Participated and presented a paper entitled “Environmental Sustainability and Peaceful Co-existence” in Two Days Multidisciplinary National Conference on Recent Innovations in Sciences, Social Sciences, Humanities and Arts held at Govt. Degree College Poonch on 23rd and 24th of March 2021.

- Attended two day NAAC Collaborated National Virtual seminar on “Holistic and Multidisciplinary Approach towards National Higher Education Quality Framework” held on 5th and 6th of July 2023 organized by Cauvery College for women Trichy.

Workshops

a) Offline

- Participated in Workshop on **Biodiversity Conservation** on 30th September 2014 Organized by GDC, Mendhar in Collaboration with WWF-India Rajouri under National Environmental Awareness Campaign.
- Attended two days workshop on “**Environmental Impact Assessment**” Organized by Department of Environmental Sciences, University of Jammu on 1st and 2nd of February, 2018.
- Attended two days workshop on “**Disaster Management Preparedness**” Organized by G.G.M. Science College, Jammu (J&K) in collaboration with Divisional Disaster Management Authority, Jammu on 16th and 17th of March 2018.

b) Online

- Attended three days INYAS-CUPB Virtual workshop Organized by Indian National young Academy of Sciences and Department of Geology, Central University of Punjab, Bathinda, India in Connection with World Oceans day held from 07th to 09th of June 2020.
- Successfully attended and Completed 1st E-Learning workshop on “**Design, Development and Delivery of Online Course**” Organized by Special Centre for E-Learning Jawaharlal Nehru University, New Delhi from 11th to 12th of June 2020.
- Attended three days long DAVCB-CUPB-INYAS workshop on “**Zero Waste**” Organized by DAV College Bathinda, Central University of Punjab, Bathinda and Indian National young Academy of Sciences, New Delhi from 16th to 18th of June 2020.
- Participated and attended seven days “**Science Leadership Workshop**” Organized by Central University of Punjab, Bathinda from 22nd of June to 28th of June 2020.
- Participated and attended One week online National Workshop on “**Environmental and Ecological Perspective in Current Scenario**” Jointly Organized by Department of Chemistry, Commerce and Management, Balwant College, Vita from 15th of July to 21st of July 2020.
- Participated and attended one day online Workshop on “**MOOC,s**” Jointly Organized by IQAC and Department of Microbiology of Arts And Science College Pulgaon, Y.C. Arts, Commerce and Science college Lakhandur and Taywade College, Nagpur on 25th of July 2020.
- Participated and attended three days national level online workshop on “**GIS hand on training**” from 1st to 3rd of August 2020 Organized by Department of Geography, I.C.S College of Arts, Commerce and Science, Ratnagiri and S.M College of Arts, Commerce and Science, Poladpur, Maharashtra.

- Participated and attended two days online workshop on “**Application of Remote Sensing and GIS in Disaster Management**” on 16th and 17th of August 2020 Organized by Department of Civil Engineering, Vikrant Institute of Technology and Management, Gwalior.
- Participated and attended one day online workshop on “**Recent Advancement in Science and Technology in India**” Organized by Department of Civil Engineering, Vikrant Institute of Technology and Management, Gwalior on 7th of September 2020.
- Participated and Completed one day National Level Online Workshop on “**Online Assessment Tools**” Organized by TUTEA (Tumkur University Teacher Educators Association, Tumakuru, Karnataka) and CTEFKK (Council for Teacher Education Foundation Karnataka Chapter) on 27th of September 2020.
- Participated and attended a workshop on “**Navigating Change with Anticipatory Governance on eve of Disaster Risk Reduction Week 2020**” on 10th of October Organized by Resilient Bangladesh, Bangladesh.
- Participated and Completed one day National Level Online Workshop on “**Creation of Educational Videos with Video Editor**” Organized by Tumkur University Teacher Educators Association (TUTEA) Tumakuru, Karnataka on 18th of October 2020.
- Participated and Completed one day online International Workshop on “**Interactive Presentation Tool**” Organized by Universal Teachers Academy, Puducherry-India on 25th of October 2020.
- Participated and attended three days International Workshop on “**Application of Remote Sensing and GIS in Water, Environment, Land and Society**” jointly Organized by IAWEES and IHE Delft in association with RNTU,NIH,CSIR-AMPRI,M.P.WALMI,NCU, Springer Nature and CVR on 1st to 3rd December 2020.
- Participated and attended one day online workshop on “**Data Analysis using Excel**” Organized by Inspira Research Association (IRA) and Indian Accounting Association (IAA), Jaipur on 06th of December 2020.
- Participated and attended **One Week Online Workshop on Action Research** jointly Organized by the Office of Dean, Research and Consultancy and Centre for Professional Development of Urdu Medium Teachers (CPDUMT) Maulana Azad National Urdu University Hyderabad from 7th to 11th of December 2020.
- Participated and Completed UGC-CPE sponsored one day International workshop on “**E-Waste: Awareness and its Management**” Organized by Eco-friendly Committee, Science College, Nanded Maharashtra on 09th of January 2021.
- Participated and Completed three days FDP cum Training workshop on “**Post Disaster Need for Psycho Social Care**” jointly Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and OP Jindal University, Raigarh from 27th of January to 29th of January 2021.
- Participated on one day E-National Workshop on “**Development and Validation of Research Tool**” Organized by Department of Education, Mandsaur on 15th of February 2022.

- Participated and Completed five days online National Workshop on **“Rapid Detection of Food Adulterants”** Sponsored by Indian Council Of Social Science Research, Ministry of Education ,Govt. of India and organized in hybrid mode by Bhaskaracharya College of applied Sciences, University of Delhi from 21-02-2022 to 25/02/2022.
- Participated and Completed five days online National Workshop on **“Research Methodology in Literary Studies and Humanities”** organized by Department of Humanities, social sciences and Management NIT Srinagar from 28-02-2022 to 04/03/2022.
- Participated and Completed Three Days National Virtual Workshop on **“Research Methodologies and Data Analysis using MS Excel”** Organized by the Department of Business Administration, Kamraj College, Thoothukudi, Tamil Nadu from 17th to 19th of March 2022.
- Participated and Completed five Days **“National Virtual Workshop on Human Values, Human Excellence and Higher Education”** Organized by Vasanta College for women, Rajghat in collaboration with Shri Sathya Sai University for Human Excellence, Kalaburghi from 25th to 29th of April 2022.
- Participated and Completed Three Days NAAC sponsored Workshop on **“a2z of NAAC Accreditation Process”** Organized by IQAC, Inderprastha Engineering College, Ghaziabad from 23rd to 25th of June 2022.
- Participated and attended **One Day International e-Workshop on Kindness** on November 13, 2022 organized by R&D Cell, Govt. P. G. College Rajouri.
- Participated and attended **a workshop on “Leadership skills for Teachers”** on January 11, 2023 organized by Gurushala in collaboration with KR Manglam University, Gurugram Haryana.
- Participated and Completed Six Days National Level Online Workshop on Effective Filing of NAAC AQAR - Streamlining Institutional Performance” held on 13th to 18th March, 2023 organized by IQAC Vardhaman College of Engineering Hyderabad.
- Delivered a lecture on the topic **“Performance Appraisal Management”** in Seven day workshop on Career Development for Non-teaching Staff: Tools and techniques for effective performance organized by IQAC, SCS Government Degree College Mendhar from 9th of March 2023 to 15th of March 2023.
- Attended an online workshop on **“ArcGIS Applications in Higher Education: Emerging trends”** organized by Department of Environmental science, University of Jammu on 13th June 2023.
- Attended an online workshop on **“Artificial Intelligence in education”** organized by MANUU Hyderabad from 16th to 20th of October 2023.
- Attended an online workshop on **“Culturally responsive pedagogy”** organized by MANUU Hyderabad from 20th to 24th of November 2023.

Faculty Development Programs/Short Term Training Programmes

- Successfully attended and Completed three day FDP Webinar on **“E-Learning: Tools for Teaching and Learning”** Organized by Department of Computer Sciences, Govt.MAM PG College, Jammu from 01st to 03rd of June 2020.

- Participated and attended one week International Faculty Development Program on **“Recent Trends in Science and Technology”** Organized by Academic Staff College in collaboration with School of Applied Sciences and Department of International Relation, Suresh Gyan Vihar University, Jaipur Rajasthan, India from 15/06/2020 to 20/06/2020.
- Participated and Completed National Training Program on **“Earthquake Risk Mitigation”** Organized by National Institute of Disaster Management, Ministry of Home Affairs Govt. of India in collaboration with North Eastern Hill University, Shillong from 8th to 10th of July 2020.
- Participated and Completed International Training Program on **“Crisis and Disaster Management”** Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with department of Social Work, Christian College, Chennai, Tamil Nadu 9th to 11th of July 2020.
- Participated and attended one week TEQIP-online Faculty Development Program on **“Sustainable Environment: An Engineering Perspective (SEEP-2020)”** from 13th of July 2020 to 18th of July 2020 Organized by Department of Civil Engineering, Assam Engineering College Jalakbari Guwahati, Assam.
- Participated and attended seven days Faculty Development Program on **“Ecosystem Services-Challenges and Opportunities”** Organized by IQAC and Department of Botany, N.C Autonomous College Jajpur, Odisha from 13th to 19th July 2020 and secured grade A.
- Participated and Completed twelve Days Faculty Development Program (FDP) on **“Online Teaching-Learning and Research Methodology”** Organized by Govt. P.G. College, Bilaspur Rampur-Uttar Pradesh in association with RUSA and IQAC from 18th July 2020 to 29th July 2020.
- Participated and attended three days online Faculty Development Program on **“Bioresources”** from 30th of July to 1st of August 2020 Organized by Department of microbiology K.R College of Arts and Science, Kovilpatti, Tamil Nadu.
- Participated and attended one week Faculty Development Program on **“Art of Effective Teaching”** from 3rd of August 2020 to 8th of August 2020 Organized by Department of Humanities and Sciences Vidya Jyothi Institute of Technology, Hyderabad.
- Participated and attended seven day Faculty Development Program on **“The Role of Teacher in Nation Building”** from 03/08/2020 to 09/08/2020 Organized by Department of English, Commerce and IQAC of Keshav Memorial Institute of Commerce and Sciences Hyderabad in Collaboration with ICSSR-SRC-MHRD, New Delhi.
- Participated and attended Five Day Online Faculty Development Program on **“Recent Trends on Green Energy (RTGE-2020)”** from 12th of October 2020 to 16th of October 2020 Organized by Department of Electrical and Electronics Engineering, GMR Institute of Technology, Andhra Pradesh and secured grade B in the continuous assessment.
- Participated and attended Five day International Training Program on **“Ambassadors of Sustainability”** from 19th of October 2020 to 23rd of October 2020 Organized by Micro

Pollutant Research Centre in Collaboration with Impact Youths Sustainability, Universiti Tun Hussein Onn Malaysia(UTHM).

- Participated and attended One Week AICTE Sponsored STTP on “**Harmony in the work place: Effective Interpersonal and Communication Skills**” held from 26th of October 2020 to 31st of October 2020 Organized by Department of Science and Humanities, Sri Venkateswara Engineering College Tirupati, Andra Pradesh-517507.
- Participated and attended TEQIP-III Sponsored Two Week Online International FDP on “**Multidisciplinary Research Innovation in Engineering, Science and Technology for Sustainable Development**” held from 26th of October 2020 to 7th of November 2020 Organized by Computer Science and Engineering Department, Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora (Uttarakhand), India.
- Participated and attended One Week AICTE Sponsored STTP on “**Human Values, Ethics, Morals, Behavioral Sciences and Attitude**” held from 23rd of November 2020 to 28th of November 2020 Organized by KIIT College of Engineering, Gurugram Haryana.
- Participated and Completed Three Days Online Training Programme on “**Child Centric Disaster Risk Reduction**” Organized by Child Centric Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dada Ramchand Bakhru Mahavidyalaya, Nagpur 28th to 30th of November 2020.
- Participated and Successfully Completed AICTE Training and Learning (ATAL) Academy online FDP on “**Personal and Professional Excellence**” held from 7-12-2020 to 11-12-2020 at IPS Academy, Institute of Engineering and Science, Knowledge Village, Rajendra Nagar, A.B. Road Indore.
- Participated and attended AICTE sponsored six days online STTP on “**Futuristic Innovations, Trends in Renewable Energy and Utilization Technologies**” held from 14th of December to 19th of December 2020 Organized by Department of Electrical and Electronics Engineering, V.S.B. Engineering College Karur.
- Participated and attended AICTE Sponsored 12 days online Faculty Development Programme on “**Outcome Based Education in Management Education, Objectives, Best Practices and Measurement of Outcomes**” held from 07th of December to 19th of December 2020 conducted by Saintgits Institute of Management, Kottayam Kerala.
- Participated and Successfully Completed AICTE Training and Learning (ATAL) Academy online FDP on “**Environmental Geotechnology**” held from 04-01-2021 to 08-01-2021 at National Institute of Technology Karnataka Surathkal.
- Participated and Attended AICTE Sponsored Six Days Short Term Training Programme under AQIS on “**Quality Teaching and Research**” held at International Management Institute, Bhubaneswar during 11th to 16th of January 2021.
- Participated and Attended AICTE Sponsored One Week Online Short Term Training Programme (Phase-1) on “**Utilization of E-Waste in Construction Industry**” Organized

by Department of Civil Engineering, Dr. N. G. P. IT Coimbatore from 18th to 23rd of January 2021.

- Participated and Completed three day Online National Training Program on “**Organic Agriculture and Vermi-Compost**” Organized by Govt. College Anjaniya, Mandla (M.P) from 11th to 13th of February 2021.
- Participated and Successfully Completed AICTE Training and Learning (ATAL) Academy online FDP on “**Capacity Building**” held from 15-02-2021 to 19-02-2021 at Rajiv Gandhi Government Polytechnic Itanagar, Arunachal Pradesh.
- Participated and Completed three days Online Training Programme on “**Environment, Biodiversity and Disaster Risk Reduction (DRR)**” Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Tropical forest Research institute (TFRI), Jabalpur held from 24th to 26th of February 2021.
- Participated and attended 05 day’s Faculty Development Programme on “**Possibilities of Research, Research Methodology and Research Paper writing**” held from 2nd to 6th of March 2021 organized by IQAC and department of Arts, Nachiketa College of Computer Science Commerce and Advanced Technology Vijay Nagar, Jabalpur (M.P).
- Participated and Completed thirty hour Online Training Programme on “**Research and Publication Ethics**” organized by School of Education, Central University of South Bihar, Gaya, India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme of ministry of Education, Govt. of India from 15th of March to 22nd of March 2021.
- Participated and Completed one week Online Faculty Development Programme on “**Creating Online learning Platform**” jointly organized by Department of Education and HRDC, Guru Ghasidas Vishwavidyalaya, Bilaspur, India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme of Ministry of Education, Govt. of India from 22nd of March to 28th of March 2021.
- Participated and Completed three days Online training Programme on “**Disaster Risk Reduction and Disaster Management**” Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Shri Ramswaroop Memorial University SRMU Lucknow held from 19th to 21th of May 2021.
- Participated and Completed three days Online training Programme on “**Basic of Disaster Management and Disaster Risk Reduction**” Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dada Ramchand Bakhru Sindhu Mahavidyalaya Nagpur Maharashtra, held from 26th to 28th of May 2021.
- Participated and attended 09 day’s National level online Faculty Development Programme on “**Foregrounding the spectrum of character building in Modern human life**” held from 25th of June to 03rd of July 2021 organized by Department of Humanities and Sciences Balaji Institute of Technology and Science, Telangana.

- Participated and attended one week National level Faculty Development Programme sponsored by UGC under Paramarsh Scheme on **“Transformation in Indian Education through New Education Policy- Challenges and Opportunities”** from 05-07-2021 to 11-07-2021 organized by Government First Grade College for Women, Balmatta, Mangaluru in association with St Aloysius College (Autonomous), Mangaluru.
- Participated and attended One Week International Online Faculty Development Programme on **“Research Tools and Methodologies”** held from 27-09-2021 to 01-10-2021 organized by Department of Mechanical Engineering, Lendi Institute of Engineering and Technology Vizianagaram, Andra Pradesh.
- Participated and attended Two Week Capacity Building Programme on **“Teaching, Learning and Research”** held from 12-01-2022 to 25-01-2022 organized by Faculty Development Centre, M.D. University Rohtak Haryana.
- Participated and Completed one week international Online training Programme on **“Climate Change: Adaptation and Mitigation”** Organized by Earth Digital Book, India, ASPECT International and DICE Consortium, University of Sussex, United Kingdom held from 07th to 14th of February 2022.
- Participated and Completed International Faculty Development Programme on **“Education Soft Skills”** Organized by the department of Basic Science and Humanities, SSET, Karukutty from 21st of February 2022 to 25th of February 2022.
- Participated and Completed one week National Level faculty Development Programme on **“Renewable Energy for Sustainable Development”** Organized by the Bharatratna Indira Gandhi College of Engineering, Solapur from 1st of March 2022 to 5th of March 2022.
- Participated and Completed International Short term Training Programme-1 on **“Recent Advances in Environmental Toxicology and Wildlife Conservation”** Organized by Raj Rishi Govt. Autonomous College from 22nd to 28th of March 2022.
- Participated and attended 05 day’s online Faculty Development Programme on **“Emerging Trends and Challenges in Higher Education and Research”** organized by IQAC of Prince Shri Venkateshwara Arts and Science College ,Chennai from 18th to 22nd of April 2022.
- Participated and attended 05 day’s National Level Faculty Development Programme on **“Inculcating Universal Human Values in Education: An Aspiration of NEP 2020”** organized by IQAC in association with Universal Human Value Cell, HKBK Degree College Tamil Nadu from 09/05/2022 to 13/05/2022.
- Participated and attended one week Faculty Development Programme on **“Innovation: Teaching-Learning and Research”** organized by VVA Commerce and Science College Wardha in collaboration with SSA Commerce and Science College Rajpura Chandrapur, (MS) from 01-06-2022 to 07-06-2022.
- Participated and attended 03 day’s National Level Faculty Development Programme on **“Art of Writing a Research Article and Indexing and Publication”** organized by Ashoka Women engineering College Kurnool from 09/06/2022 to 11/06/2022.

- Participated and Completed International Short term Training Programme-3 on **“Contrivance of Sustainable Development Goals for Environmental conservation”** Organized by Raj Rishi Govt. Autonomous College from 24th to 30th of June 2022.
- Participated and attended UGC approved short term professional Development Programme under PMMMNTT on **“Implementation of NEP-2020 for University and College Teachers”** organized by Indra Gandhi National Open University, Staff training and Research institute of Distance Education ,New Delhi from 21-09-2022 to 29-09-2022.
- Participated and attended 02 day’s National Level Faculty Development Programme on **“NEP-2020”** organized by Yashwantrao Chavan Arts, Commerce and Science College, Maharashtra on 17/10/2022 to 18/10/2022.
- Participated and attended IP Awareness/Training Program under **National Intellectual Property Awareness Mission** organized by Department for promotion of Industry and internal trade, Ministry of Commerce and Industry, Government of India on 17th of October 2022.
- Participated and attended **training Programme on “Professional Ethics and Code of Conduct for Teachers”** on November 10, 2022 organized by KR Manglam University in collaboration with CTEF NCR Delhi.
- Participated and Completed **One Week Online Faculty Development Program “Pedagogical Techniques For Quality Higher Education”** from 1st Dec. to 7th Dec.2022 Organized by K.R. Mangalam University, Gurugram Haryana in collaboration with School of Liberal Arts and Languages, Shobhit University, Gangoh, U.P.
- Participated and Completed **Seven day Virtual National Level Faculty Development Program “Research Methodology”** from 12th Dec. to 19th Dec 2022 Organized by PPG college of Arts and science Coimbatore.
- Participated and Completed one week Online Faculty Development Programme on **“Indian Knowledge System”** from 02-01-2023 to 08-01-2023 jointly organized by K.R. Mangalam, University Gurugram Haryana, India In association with Council for Teacher Education Foundation, Delhi-NCR Chapter and Viva Education.
- Participated and Completed Five days online teachers’ training Programme on **“use of ICT Tools In Teaching Learning Process”** w.e.f. from 16th to 20th of January 2023 organized by IQAC, Maharaja Bhoj Govt. College Dhar (M.P),Academic activity under MPHEQIP(World Bank project).
- Participated and Completed Five Days National Level Training Programme on **“Research and Tools”** w.e.f. from 13^h to 17th of February 2023, organized by Department of Computer Science, Sardar Patel Mahavidalaya Chandrapur.
- Participated and Completed Five Days Online Faculty Development Programme on **“Environmental Management and Future Pathways”** w.e.f. from 27^h to 31st of March 2023 organized by School of Science OPJ University Raigarh.
- Attended an online FDP on **“Upskill your Resources”** organized by Aya Nadar Janaki Ammal College from 7th of July to 13th of July 2023.

ORIENTATION/REFRESHER COURSES

- Attended “General Orientation Course” held by the ASC University of Kashmir from 01/05/2012 to 28/05/2012.
- Attended Refresher Course in Environmental Science Organized by ASC, University of Jammu from 08/02/2014 to 28/02/2014.
- Attended Refresher Course in Disaster Management Organized by HRDC, University of Kashmir from 10/10/2017 to 01/11/2017.
- Attended Refresher Course in Disaster Management Organized by HRDC, University of Jammu from 03/01/2020 to 17/01/2020.
- Participated and Completed one day National Level Online Orientation Programme on “Learning Management System” Organized by TUTEA (Tumkur University Teacher Educators Association Tumakuru, Karnataka) in association with KSEF College of Education Tumakuru, on 8th of October 2020.
- Attended Interdisciplinary Refresher Course in Environmental Studies Organized by Teaching Learning Centre, **Ramanujan College University of Delhi** Under the Aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (**PMMMNTT**) from 15 to 29 July, 2021 and obtained grade A+.
- Participated and attended five day online Orientation Programme on “**Education for sustainable Development**” organized by MANUU Hyderabad w.e.f 28th September to 1th of October 2023

ONLINE DIPLOMA/CERTIFICATE COURSES

- Certificate course on Sustainability and Climate Change Organized by Alison group, Ireland.
- Exploring Conservation: Understanding Illegal Wildlife Trade Organized by National Geographic Channel.
- Water funds: Introduction and feasibility phase Organized by The Nature Conservancy.
- Online Certificate course on “**Soft Skills Organized**” by Department of English, Pioneer Kumaraswamy College, Nagercoil Tamil Nadu from 27th of July to 4th of August 2020.
- Successfully Completed the Online Course on **SPSS BASICS** with grade “O” Organized by Maulana Azad National Urdu University, Hyderabad from 01-12-2020 to 14-12-2020.
- Successfully Completed five day certificate programme on “**Patents**” held from March 8 to March 12, 2021 organized by the Cell for IPR Promotion and Management (CIPAM) in association with KG College of Arts and Science, Coimbatore.
- Successfully Completed four week Massive Open Online Course (MOOC) on “**Technopedagogical Skills for Sustainable Development**” Organized by Rao Lal Singh College of Education, Gurugram India as a part of UNESCO International Online Mentoring Program-UNESCO Chair on Open Technologies for Open Educational resources and Open Education for a better World from August 18, 2021 to September 25, 2021.
- Successfully Completed “**A Diploma Course in Medicinal plants**” Organized by Department of Botany, Shri Shivaji Educaion College Nagpur Road, Amravati (MS) from April 18, 2022 to May 26, 2022.

- Successfully Completed four week Massive Open Online Course (MOOC) on “**Basics of Gardening for Sustainable Health and Society**” Organized by Manohar Memorial College of Education Fatehabad, Haryana India, offered under Open Education for Better World, a project of UNESCO from May 23, 2022 to June 20, 2022.
- Successfully Completed three week Massive Open Online Course (MOOC) on “**Introduction to Ecosystem Restoration**” as part 1 of the Massive Open Online Course on Ecosystem Restoration organized by CBD, FERI (Forest Ecosystem Restoration Institute), Korea Forest Service, Sidha on 24th of October 2022.
- Participated and completed 5-Module Massive Open Online Course (MOOC) on “**Islamic Finance for Sustainable Development**” organized by e-learning platform by the United Nation Development Programme (UNDP) on 30th of November, 2022.
- Participated and completed five weeks Massive Open Online Course (MOOC) on “**Applying Ecosystem Restoration interventions**” organized by e-learning platform by the United Nation Development Programme (UNDP) on 30th of November, 2022.
- Successfully completed four week MOOC on “**Educational Journalism in Digital Era**” Organized by Rao Lal Singh College of Education Gurugram India as a part of UNESCO International Online Mentoring Program-OE4BW Slovenia Europe w.e.f. 10th of April 2023 to 22nd of May 2023.
- Successfully completed a course on **Leave Rules** on 16th of Dec, 2022 Organized by ISTM, Department of Personal and Training from Portal Karmayogi.
- Attended and completed three weeks **Common Yoga Protocol Training Course** from 1th to 21th of July 2023 organized by Degree College of Physical Education Amravati Maharashtra.

InforMEA, (United Nations Information Portal on Multilateral Environmental Agreements)

- Introductory course to International Environmental Law.
- Introductory course to the Convention on Biological Diversity (CBD).
- Introductory course to the International Legal Framework on Fresh water Resources.
- InforMEA Diploma on the International Legal Framework on Fresh water Resources.
- Online course on Global framework for a pollution free planet.
- InforMEA On-line introductory course to Convention concerning the Protection of World Cultural and Natural Heritage.
- InforMEA On-line introductory course to the Ramsar Convention on Wetlands.
- InforMEA On-line introductory course to Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).
- InforMEA introductory course to Cartagena Protocol on Biosafety.

UNITAR (United Nations Institute for Training and Research) Portal

- Specialized Module on Cities and Climate Change (UNITAR in collaboration UN CC: Learn and UN Habitat, for a better Urban Future).
- Open online course on Gender and Environment (UNITAR).
- Advancing on REDD+E-Academy (UNITAR).

- **UN CC: LEARN** Introductory E-Course on Climate Change (**UNITAR** in collaboration **UN CC: LEARN**).
- Introduction to Green Economy (**UNITAR** in Collaboration with **PAGE** (Partnership for Action on Green Economy).
- Online course on Climate Change International Legal Regime (**UNITAR**).
- **UN CC: LEARN** E-Course “Climate Change from Learning to Action (**UNITAR** in collaboration **UN CC: LEARN**).
- Specialized Module on Human Health and Climate Change (**UNITAR** in collaboration **UN CC: LEARN** and **WHO**).
- Integrated Planning for Climate change and Biodiversity (**UNITAR** in collaboration **IUCN**).
- Online course on Introduction to Human Rights and the Environment (**UNITAR** and **UN Environment**).
- E-Learning course on Resilience of Local Governments: A Multi-Sectoral approach to Integrate Public Health and Disaster Risk Management (**UNITAR** and **UNDRR** and **WHO**).
- Youth and Road Safety: Championing Safer Road Users.

UNICEF

- Introduction to Water, Sanitation and Hygiene (**WASH**).

UN Environment and OCHA Joint Unit

- Beyond Response: Better Preparedness for Environmental Emergencies.
- Environment in Humanitarian Action.

South Central Center For Public Health Preparedness, Alabama USA.

- Solid and Hazardous Waste.
- Occupational Safety and Health.
- Bioterrorism: The Public health threat.
- Environmental Health Issues in Disasters.
- Biological response Preparedness for Emergency Medical Services.

Open University, A Charity Registered In Scotland.

- Citizen Science and Global biodiversity.
- Climate Change: Island Life in a volatile World.
- Biofuels through Open University, A charity registered in Scotland.
- Human rights and Law.

Biodiversity E-learning Platform:

- Online course on Sustainable Consumption and Production.

MEMBERSHIP OF SCIENTIFIC SOCIETIES

- Member of Indian Environment Network.
- Member of All India Council for Technical Skill Development.
- Member of Bhumi.

- Life Member of Society for Environment and Sustainable Development (**SESD**).
- Reviewer: International Journal of Advanced Research in Environmental Science and Its Application (**IJOARES**).
- Member of Impact Youth Sustainability (**IYS**) India.
- Member of Global Forum for Sustainable Rural Development.
- Member of Project Green Schools.