

## CV DR MOHD SULIMAN DAR

**Name: - Dr MOHD SULIMAN DAR**

### Qualification

M. Sc. SET, Ph.D.

### Membership

Natural member of East Himalayan Society for Spermatophyte Taxonomy (**EHSST**) since November 5, 2017



### Conferences and Seminars attended

1. Attended an International Seminar on “*Science & Technology in Ancient Indian texts*” (STAIT) organized by Special Centre for Sanskrit Studies JNU New Delhi & Centre for Indic Studies University of Massachusetts (Dartmouth) U.S.A on 9-10, 2010 at the special Center for Sanskrit Studies J.N.U New Delhi 110067.
2. Attended the 8<sup>th</sup> JK Science Congress 2012 on “*Science, Technology & Regional Development: Opportunities & Challenges*” organised by University of Kashmir, JK State Council for S & T and DST, GOI on 17<sup>th</sup> to 19<sup>th</sup> September 2012.
3. Presented a paper in the Two Day National Conference on “*Tourism and Socio-Economic Complexion of North-Western India with special emphasis on Jammu and Kashmir*”. Held in 14<sup>th</sup> & 15<sup>th</sup> July, 2013 organized by Department of Geography, Government Degree College (Boys) Anantnag.
4. Presented a paper in the 11<sup>th</sup> JK Science Congress 2015 on “*Scientific, Social & Economic Dimensions of Climate Change*” conducted from 12-14 Oct. 2015. Organized by University of Kashmir
5. Presented a poster in One Day National Seminar on “*Biodiversity and Climate Change: Challenges and Prospects*” held on Oct. 26, 2017 organized by Department of Environmental Science Govt. S.A.M. Degree College, Budgam JK.
6. Presented a poster “An annotated checklist of flora of Hirpora Wildlife Sanctuary (Kashmir Himalaya), India in the XXVII Annual Conference of IAAT & International Symposium on “*Plant Systematics: priorities and Challenges*” held at Department of Botany University of Delhi, Delhi India from 10-12, 2017
7. Presented a Poster in the National Seminar “*Ethnobotany and Traditional Knowledge in Biodiversity Conservation*” held on March 8- 9, 2018, organized by Department of Botany, GBSB University, Rajouri in Collaboration with Indian Council of Social Science Research, New Delhi.
8. Presented a paper in 1<sup>st</sup> International Conference on “*Recent Developments in Science, Humanities & Management*”-2018. Held on April 17-18, 2018 Amar Singh College (Cluster University)

9. Presented a paper "Impact of Climate Change on Phenology..." in the National Conference on "*Climate change and Human Health: Issues, Concerns and Opportunities*" held on Oct. 8-9, 2018 organized by Department of Zoology and Environmental Science Govt. Degree College Bijbehara.
10. Presented a paper in the International Conference on "*Worldwide Research Initiatives for Agriculture, Science, & Technology*" held on Oct. 24-26, 2018 at University of Kashmir, Hazratbal, Srinagar, J & K, India.
11. Presented a poster in the National Interdisciplinary Conference on "*Science in Development*" held on Dec. 3-4, 2018 organized by Department of Environment and water Management & P. G. Department of Environmental Science Sri Pratap College M. A. Road, Srinagar, J & K.
12. Participated in the Webinar on "Developing Career Oriented Skills During Pandemic Period" organized by Department of Applied Science on 30th May 2020 with RPS Group of Institutions 8th Mile Stone Balana, Mahendergarh, Haryana.
13. Participated in Webinar "How the COVID 19 will Effect Children's Mental Health" organized by Department of Computer Sciences, Govt. S.P.M.R College of Commerce Jammu in collaboration with IQAC, on 1st June 2020.
14. Participated in International Webinar organized by the HKM Degree College Bandipora on "Advanced Nano-Materials For Electronic Sensors", Live from University of Manchester, United Kingdom (UK) on June 02, 2020.
15. Participated in online Webinar organized by Department of Pharmaceutical Sciences, in collaboration with UGC Human Resource Development Centre, University of Kashmir on June 28th, 2020.
16. Participated in Webinar session entitled "**Plant Biotechnology and its Application**" delivered by Dr. Debasis Chakrabarty, Principal Scientist, CSIR-National Botanical Research Institute Lucknow on June 29<sup>th</sup>, 2020.
17. Participated in international Web-Conference on **Sustainable Environment and Agriculture: Technological progressions and Transitions** organized by Academy of Eco Science in collaboration with Centre for Environment Science and Climate Resilient Agriculture (CESCRA), IARI New Delhi on August 9, 2020.
18. Participated in the Webinar on "**Organic Synthesis, Natural Products & Drug Discovery: A Triumvirate for human Wellbeing**" organized by the IQAC, AS College Srinagar on 2<sup>nd</sup> September 2020.
19. participated in one day conference on the theme "**Emerging Aspects in Parasitology: A Shift in Approach**" organized by Department of Zoology Government Degree College, Anantnag on October 03, 2020
20. Participated in the two-day International Webinar on "**Plant Science Research Post Covid-19**" held on January 22-23, 2021 organized by Department of Botany, Rajiv Gandhi University, India in collaboration with Tennessee State University, Nashville USA.
21. Participated in the Webinar on "**Biodiversity: We are Part of Solution**" held on May 22, 2021 organized by Debates and Seminar Committee in collaboration with Faculty of Life Sciences, GDC Kokernag.

22. Participated in the Webinar on "**Save Environment Save Life**" held on 8<sup>th</sup> June, 2021 organized by Debates and Seminar Committee in collaboration with Department of E.Science, GDC Kokernag.
23. Participated in one-day national seminar (online) on the theme "**Resurgence of Covid 19: Third Wave**" organized by Department of Zoology, Govt. Degree College Bijebehara, J & K in Collaboration with "The Himalayan Ecological and Conservational Research Foundation J & K" on 02 Aug, 2021.
24. Presented a paper (ORAL) entitled "**Dependence of migratory tribes of Gujjars and Bakarwalas on traditional medicines in Hirpora Wildlife Sanctuary of Kashmir Himalayas (J & K) India**" in National Seminar on Plant Taxonomy and Traditional Knowledge in the Himalayas and Northeast India & Annual Conference of East Himalayan Society for Spermatophyte Taxonomy (EHSST), scheduled on February 21-22, 2022.
25. Participated Successfully in the UGC-SPONSORED Webinar (Online) On "**Leadership, Ethics & Values**". Organized on 23 March 2022,
26. Participated Successfully in the UGC-SPONSORED Webinar (Online) On "**Holistic Health: Yoga & Wellness**". Organized by UGC-HRDC Jai Narain Vyas University Jodhpur Rajasthan on 28 March 2022.
27. Participated in International Web Conference on "**Invest in Our Planet**" on 21-22 April, 2022 organized by R&D Cell, Govt. P. G. College Rajouri and Pir Panjal Environment and Eco-Development Society Poonch.
28. Delivered an expert lecture on the title "**Forest a Promise to the Sustenance of Planet Earth**" in the seminar on the theme "**Forest, Environment and Ecosystem Conservation**" held on 13<sup>th</sup> May, 2022 organised by Department of Environment, Department of Water management and Eco-Club, Govt. Degree College Anantnag.
29. Delivered an expert lecture on the title "**Biodiversity**" in the seminar on the theme "**Building a Shared Future for all the Life**" held on 23<sup>rd</sup> May, 2022 organised by Department of Botany, Govt. Degree College Kokernag.
30. Delivered an keynote lecture on the title "**Science shop an efficient tool for science popularization: an overview**" in the 2 day conference "**Science Popularization, Innovation and Extension**" held on 2<sup>nd</sup>-3<sup>rd</sup> November, 2022 organised by Department of Zoology, Govt. Degree College Anantnag Sponsored and funded by JK Science Technology and Innovation Council, Department of Science and Technology, J & K.
31. Attended the "**Webinar on Computers & Research**" organized by UGC-Human Resource Development Centre held on January 23<sup>rd</sup> 2023.
32. Attended Webinar on "**National Education Policy**" (NEP) 2020 organized by UGC-Human Resource Development Centre held on 08-02-2023.
33. Presented a paper entitled "**Ethno-medicinal survey of the Hirpora Wildlife Sanctuary, Kashmir Himalaya India**" at XXXIII Annual Conference of Indian Association for Angiosperm Taxonomy & International Seminar on **Advances in Plant Systematics, Biogeography and Biodiversity Conservation** held on 25<sup>th</sup> to 27<sup>th</sup> November 2023, organised by Department of Botany, University of Calcutta in collaboration with Botanical Survey of India, Kolkata.

34. Chaired a session at XXXIII Annual Conference of Indian Association for Angiosperm Taxonomy & International Seminar on “**Advances in Plant Systematics, Biogeography and Biodiversity Conservation**” held on 25<sup>th</sup> to 27<sup>th</sup> November 2023, organised by Department of Botany, University of Calcutta in collaboration with Botanical Survey of India, Kolkata.

### **Training Programmes and Workshops**

1. Attended a 3 Day Residential Breakthrough Facilitation Programme held at Tourist Reception Centre Srinagar from September 2-7, 2011 organized by Higher Education Department, Govt. of J & K.
2. Attended a 2-Day Training Programme of Civil Defence held on September 3-4, 2013, organized by Directorate of HGCD & SDRF in collaboration with NSS Govt. Degree College (Boys) Anantnag.
3. Organized and attended a 3-Day Training Workshop on “Disaster Preparedness for Risk Reduction” held on November 22-24, 2014 Govt. Degree College (Boys) Anantnag.
4. Attended a One Day “RTI Capacity Building Programme” on 1<sup>st</sup> June, 2015 organized by UGC-HRDC, University of Kashmir
5. Delivered a talk in the National Training Workshop on “Plant Taxonomy: Principles and Practices” from 27<sup>th</sup>-29<sup>th</sup> March 2017, organized by CBT, Department of Botany, University of Kashmir, Sponsored by BSI, MoEFCC, GOI.
6. Participated and successfully completed the training course on “Classical and Modern Methods in Plant Taxonomy and Biosystematics” at CSIR-National Botanical Research Institute, Lucknow, from 14-21, 2018.
7. Participated and successfully completed the National Training Workshop on “**Plant Taxonomy Classical and Modern Methods**” Sponsored by MoEFCC Government of India, New Delhi under AICOPTAX, Organized by CBT Department of Botany University of Kashmir, from 12-14 March 2020.
8. Attended a national level one week **Faculty training & Development Special Online E-Learning Tools Workshop Hands on Training** from 28<sup>th</sup> May 2020 to 3<sup>rd</sup> June 2020 (From MAKKSKILLS UP-SKILLING & EDUCATION)
9. Participated in an online **International Level Three day Faculty Training and Development Programme with Hands on Training, on Blended E-Learning Tools** from 6<sup>th</sup> June to 9<sup>th</sup> June, 2020. (From MAKKSKILLS UP-SKILLING & EDUCATION)
10. Completed online course on “**Remote Sensing and GIS Technology and Application for University Teachers and Government Officials**” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during 13-07-2020 to 01-08-2020.
11. Participated in One Week National e-Workshop on “**Leveraging Education for Harnessing Entrepreneurship, Research & Innovation and augmentation**” organized by Higher Education Department (HED), Govt. of Jammu and Kashmir

- (UT) in collaboration with Grassroots innovation and augmentation Network(GIAN, India) held from September 07 to 12, 2020.
12. Participated in the online workshop on **“DNA Barcoding a Challenge to Linnaeus Classification”** on 29<sup>th</sup> & 30<sup>th</sup> May, 2021, organized by CytoGene Research &Development, Lucknow.
  13. Participated in the online workshop on **“Molecular Dynamics Simulations and In-silico Drug Designing”** on 12<sup>th</sup> & 13<sup>th</sup> June, 2021, organized by CytoGene Research &Development, Lucknow.
  14. Successfully completed International Workshop on **“Advances Statistical Data Analysis using SPSS”**, organized by Science Tec Institute, Lucknow, UP India during September 21-27, 2021.
  15. Successfully completed Online one week Faculty Development Programme on **“Teaching-Learning Methods: From Micro-Teaching to Peer Learning”** organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education, from 05 - 11 October, 2021 and obtained Grade A+.
  16. Successfully completed Online one week Faculty Development Programme on **“Soft Skills”** organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education, from 25 - 31 October, 2021 and obtained Grade A+.
  17. Participated in the two-days national workshop (online) on **“Plant Identification and Herbarium Methodology”** held on 29<sup>th</sup> October and 1<sup>st</sup> November 2021 organized by Botanical Survey of India, Central National Herbarium, Howrah in collaboration with Bareilly College U. P. India
  18. Actively participated in the two days Online Skill Development Program **“DATA INTERPRETATION OF GCMS & LCMS”** on 09 - 10 of April, 2022 organized by CytoGene Research & Development, Lucknow.
  19. Participated in **“National Virtual Workshop on Human Values, Human Excellence and Higher Education”**. Organised by Vasanta College for Women, Rajghat in collaboration with Sri Sathya Sai University for Human Excellence, Kalaburgi From 25th- 29th April, 2022.
  20. Actively participated in the one-day online workshop on **“National Education Policy (NEP)-2020”** on 28<sup>th</sup> May, 2022 organized by UGC-HRDC University of Kashmir
  21. Attended Workshop on **“Good Academic Research Practices/Academic Research Integrity in the context of NEP- 2020”** organized by UGC -Human Resource Development Centre held on June 20<sup>th</sup>, 2022.
  22. Successfully completed Online one week Faculty Development Programme on **“Psychological Skills for Effective Teaching and Learning”**organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education, from 19 - 25 July, 2022 and obtained Grade A+.
  23. Organised and participated a one day Workshop/Extension Programme on **“Sweet Corn Day”** in collaboration with Department of Agriculture Anantnag on 17<sup>th</sup> Seep. 2022

24. Organised and participated a one day Workshop/Extension Programme “Agriprenureship” in collaboration with NABARD Anantnag on 22<sup>nd</sup> November. 2022
25. Actively participated in 7 days Online Workshop on “**Primer designing, PCR & Real Time PCR for gene expression analysis**” from 23<sup>rd</sup> to 29<sup>th</sup> of November, 2022, Organized by CytoGene Research & Development, Lucknow.
26. Organised and participated a one day Workshop/Extension Programme Hands on training “at vermicompost Farm at Bijbehara Anantnag on 24<sup>th</sup> Dec. 2022
27. Actively participated in 2 days Online Workshop on “**Trace and Heavy Metal Analysis by ICP-MS**” on 21<sup>st</sup> & 22<sup>nd</sup> of January, 2023, Organized by CytoGene Research & Development, Lucknow.
28. Participated in Two Days Hands on Workshop on “**Proteomics**” from 22<sup>nd</sup> to 23<sup>rd</sup> June, 2023 at the Department of Botany, University of Kashmir, sponsored by Science and Engineering research Board (SERB) and University of Kashmir Srinagar.
29. Participated in Two Days Training Workshop on “**Monitoring Plant Phenology in an Era of Climate Change**” from 4<sup>th</sup>-5<sup>th</sup> March, 2024 at the Department of Botany, University of Kashmir, sponsored by Science and Engineering research Board (SERB) under the Scientific Social responsibility (SSR), University of Kashmir Srinagar.
30. Actively participated in One Day Online Workshop on “**National Education Policy (NEP) 2020**” on 15 March, 2024, Organized by Department of English, Central University of Kashmir, Gandrrbal, J & K.
- 31.

#### **Contribution as Convenor/ Coordinator/ Member in different Committees**

1. Contributed as NSS Officer in organising the Inter-College Debating Competition on September 20, 2012 organized by Govt. Degree College (Boys) Anantnag in collaboration with Greater Kashmir/Kashmir Uzma.
2. Served as NSS Programme Officer from 2010-11 to 2013-14 first phase, in which performance was graded outstanding and from 2014-2016 2<sup>nd</sup> phase.
3. Served as Resource Person under “UGC Sponsored P. G. Coaching classes” from 11-01-2011 to 31-01-2011.
4. Coordinator Red Ribbon Club of College
5. Served as Dean Students Welfare
6. Chief Proctor of College
7. Convenor College Protocol and Event management Committee
8. Convenor College Landscape Development Committee
9. Convenor College Excursion/Field Trip/ Subject Tour Committee
10. Member College Development Committee
11. Member College Advisory Committee

12. Member College Supports Committee
13. Member College IQAC Committee
14. Member College Canteen Committee
15. Member College Differently Abled Students Welfare Committee
16. Member College Scholar Ship Committee

### **Orientation & Refresher Courses**

1. Participated in the four week UGC Sponsored General Orientation Course organized from 19-01-2009 to 17-02-2009 held at UGC-ASC University of Kashmir
2. Participated in the four week Refresher Course in Life science from 04-01-2010 to 29-01-2010, held at UGC-ASC, JNU New Delhi.
3. Participated in Interdisciplinary Subject Refresher Course in Research Methodology in Botany from 31-01-2012 to 21-01-2012, held at UGC-ASC, AMU, Aligarh.
4. Participated in the three week Refresher Course in Gender Studies (ID) from 25-05-2015 to 16-06-2015, held at UGC-ASC, University of Kashmir.
5. Participated in the three week Special Summer School/Refresher Course in Sciences (ID) from 09-08-2018 to 07-09-2018, held at UGC-HRDC, University of Kashmir.
6. Participated in the two week Refresher Course in Sciences (ID) from 23<sup>rd</sup> Aug to 3<sup>rd</sup> September, 2021, held at UGC-HRDC, University of Kashmir.
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### **Publications**

1. Published a paper “Antagonistic Potentiality of *Trichoderma harzianum* Against *Cladosporium sphaerospermum*, *Aspergillus niger* and *Fusarium oxysporum*”. *Journal of Biology, Agriculture and Healthcare* **2**(8): 2012, 72-76.
2. Published a paper “Induction and Assessment of Genetic Variability for Yield and Yield contributing traits of chickpea (*Cicer arietinum* L.)”. *Journal of Plant Genomics* **2**(1): 2012, pp28-33.
3. Published a paper “Effect of seed borne mycoflora on the quality of three varieties of *Arachis hypogea*. *International Journal of Agriculture Science and Research*” **3**(1): 2013, pp35-42.
4. Published a paper “Correlation and path analysis studies for seedling vigour traits in Pea (*Pisum sativum*). *Advances in Agriculture Sciences and Engineering Research*” **4**(1): 2014, pp. 1478-1487.
5. Published a paper “Production of wine from over ripe guava (*Psidium guajava* L. Cv. Safada) and ber (*Ziziphus mauritiana* L Cv. Umran) fruits using *Saccharomyces cerevisiae* Var. HAU 1”. *IOSR Journal of Environmental Science, Toxicology and Food Technology* **8**(1): 2014, pp. 93-96.
6. Published a paper Heavy metals induced toxicity in biological systems: A concise review. *International Journal of Advance Research in Science and Engineering* **7**(4): 2018.

7. Published a paper Ethno-veterinary uses of some plants by Gujjar and Bakerwal community in Hirpora Wildlife Sanctuary, Kashmir Himalaya. *SKUAST Journal of Research* 20(2): 2018, 181-186.
8. Published a paper **A Note on the Occurrence of *Rubia manjith* (Rubiaceae) from Hirpora Wildlife Sanctuary, Jammu & Kashmir**. *Nelumbo*, Botanical Survey of India 62(1): 2020, 62-66.
9. Published a book “***Campus Flora of Government Degree College(Boys) Anantnag***” Ink Links Publishing House Pampore Jammu and Kashmir 191103, ISBN-9390143269.
10. Published a paper **Taxonomic account of genus *Alternanthera* (Amaranthaceae) in Jammu and Kashmir**. *Nelumbo*, Botanical Survey of India 63(1): 2021, 158-162.
11. Published a paper “**Principles and Quality Parameters for Seed Certification in Some Important seed Spice Crops**” in Research Journal of Agricultural Sciences (2022) 13: 744-747.
12. Published a Book chapter *Genetic Engineering and Human Welfare* in a Book **Genetic Engineering Volume 2: Applications, Bioethics, and Biosafety**. Pp. 73-87. Published by CRC Press Taylor and Francis Group US office:1265 Goldenrod Circle NE,Palm Bay, FL 32905 USA [info@appleacademicpress.com](mailto:info@appleacademicpress.com) . Hard ISBN: 978-1-77491-269-0 / E-ISBN: 9781003378273,
13. Published a paper “**ETHNOMEDICINAL SURVEY OF PLANTS IN PROTECTED AREAS OF KASHMIR HIMALAYA: A CASE STUDY OF THE HIRPORA WILDLIFE SANCTUARY**”. *Explor Anim Med Res*. Vol. 14, Issue 1, 2024, 97-106.