

## **Dr. Elangbam Jayantakumar Singh**

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### **PROFILE AT A GLANCE**

[1] **PAPER PUBLICATIONS:** National [3] & International [5]

[A] **National**

[i] **E. Jayantakumar Singh**, N.K. Sharat Singh and N. Rajmuhon Singh, “Biodiversity Conservation Natural Resources in North East States- with Special Reference to Manipur”. NeBIO (2010)1: 42-47 [IF - 0.998]

[ii] Samananda K, **E. Jayantakumar Singh** and N. Rajmuhon Singh “COVID-19 and Climate Change”, i-Vision e-Magazine of Manipur University (Manipur University Students’ Union, (2020) 1(1): 176-180.

[iii] **E. Jayantakumar Singh** and N. Rajmuhon Singh, “An Effective Technique to Manage Plastic Waste at Home”, Indian Journal of Environmental Sciences (IJES), (2022) 26 (2): 61-64

[B] **International**

[i] D. Chakraborti, **E. Jayantakumar Singh**, B. Das, BA. Shah, M. Hossain, B. Nayak, S. Ahamed, N. Rajmuhon Singh, “Groundwater arsenic contamination in Manipur, one of the seven North- Eastern Hill states of India: a future danger”. Environ Geol (2008) 56:381–390 [SCI, IF- 2.433]

[ii] **E. Jayantakumar Singh**, A. Gupta & N. Rajmuhon Singh, “Groundwater quality in Imphal West district, Manipur, India”. Environmental Science and Pollution Research (2013) 20: 2421- 2434 2434 [SCI, IF- 5.190].

[iii] **E. Jayantakumar Singh**, N. Rajmuhon Singh & A. Gupta, “Hydrochemistry of groundwater and quality assessment of Manipur Valley, Manipur, India”. Int. Res. J. Environmental Sci (2017) 6(9): 8–18 [IF - 0.675].

[iv] A. Gupta, **E. Jayantakumar Singh**, “Arsenic–Iron Relationships in Aquifers of North East India: Implications for Public Health and the Environment” Environmental Management (2019) 63:437–443 [SCI, IF- 3.644].

[v] **E. Jayantakumar Singh** and N. Rajmuhon Singh “Assessment of water quality of Imphal West district, Manipur, India, using Water Quality Index (WQI)” Int. Res. J. Environmental Sci (2020) 9(1): 1-9 [IF- 0.675].

[2] **BOOK CHAPTER:** National [1]

[i] “Some Physical Methods in Trace Element Analysis” in Recent Advances in Natural Products and Research [ISBN- 987-81-924321-2-0].

[3] **CONFERENCES/SEMINARS/ WORKSHOPS ATTENDED:** National [19] & International [4]

[A] **National**

[1] Participated in Regional Seminar on “Intellectual Property & Innovation Management in Knowledge Era” Organized by the National Research Development Corporation in Collaboration with Assam University, Silchar on 12<sup>th</sup>-13<sup>th</sup> January, 2009.

[2] Participated in the workshop on “Atomic Absorption Spectroscopy: Basic Principles, Applications and Practical Demonstrations”. (w.e.f. 11<sup>th</sup> -13<sup>th</sup> November, 2009) held at Sophisticated Analytical Instrument Facility, NEHU, Shillong.

[3] Participated in 2-Days Regional Symposium on “Bio-Resources Conservation in the North East Region from 18<sup>th</sup> and 19<sup>th</sup> May, 2009 Organised by Krishi Vigyan Kendra-Sylvan, Henbung, Senapati District, Manipur, Sponsored by SERC Division, Department of Science and Technology, Government of India of KVK-Sylvan, Senapati District, Manipur.

[4] Participated in 1(one) Day Consultative Workshop for Finalization of Manipur State Action Plan on Climate Change on Monday, the 10<sup>th</sup> October 2011 at the Hotel Classic, Imphal.

[5] Participated in the National Symposium on “Frontiers of Wetland, Fishery Science & Aquaculture Research in the New Millennium (WETLAND-2012) Organized by Department of Life Science and Bioinformatics, Assam University, Silchar on November 21<sup>st</sup> to 22<sup>nd</sup>, 2012

[6] Participated in one day workshop on “Research Proposal and Fulbright Fellowships opportunities in the United States” organized by Manipur University, Imphal and United States-India Educational Foundation, Kolkata on February 2013

[7] Participated in Thematic Orientation Workshop on “Trace Element Analysis and Radiological Sciences” Organized by Manipur University, Imphal & UGC-DAE Consortium for Scientific Research, Kolkata Centre during March 12-14, 2013

[8] Participated in two-days National Workshop at North-East India on “Ecological Issues & Concern: Quantitative Applications” jointly organized by Indian Statistical Institute, Kolkata and Department of Ecology & Environmental Science, Assam University, Silchar during March 23-24, 2015

[9] Participated in one-day Workshop on “Water and Water Analysis” jointly organized by Mirohm India Ltd. & National Institute of Technology, Takyelpat, August 04-08-2015

[10] Participated in the Three days National Seminar on “Science and Technology for National Development” organized by ISCA- Imphal Chapter & Manipur University during April 2-4, 2017

[11] Participated and presented (poster) in the 105<sup>th</sup> Indian Science Congress on “Reaching the Unreached through Science and Technology”, organized by ISCA- during March 16-20, 2018.

[12] Participated in one day State level workshop on “REVISION OF STATE ACTION PLAN ON CLIMATE CHANGE” organized by the Dept. of Ecology & Environmental Science, Govt. of Manipur on April 2, 2018.

[13] One-day workshop cum awareness programme on “Invasive Alien Plants in Himalayas: Status, Ecological Impacts & Management-Manipur Chapter”, jointly organized by Department of Forestry & Environmental Science, Manipur University, Canchipur & Department of Forestry, NERIST, Nirjuli under the sponsorship of Ministry of Environment, Forest & Climate Change Govt. of India through NMHS Project (NMHS-2017/LG-01/475) at Conference Hall MIMS, Manipur University, June 19, 2019.

[14] Online session on “CLIMATE CHANGE: HOW IT IS AFFECTING BIOLOGICAL WORLD”, organized by Voice of Environment (VOE) on June 14, 2020

[15] Online training session on “Air Quality Management”, organized by Voice of Environment (VOE) on September 27, 2020

[16] Participated as panelist in the discussion on “Eco-park & Climate Change Vulnerability Assessment”, Organised by Manipur University under DST-SPLICE Climate Change Sponsored Research Project on October 4, 2020 at Angaan Ching Eco-park, Kakching.

[17] Participated in National E-Conference on “Sustainable Development & Climate Change”, organized by Department of Environmental Science, Madhya Pradesh, Amity University, Gwalior on February 03, 2021.

[18] Participated in the webinar on “Earth Day Celebrations” on the theme “Restore the Earth”, organized by Department of Environmental Science, Amity University, Gwalior on April 22, 2021 from 9.30 AM to 11.30 AM.

[19] Participated in the three days national workshop on motivation on research from 1st February – 3<sup>rd</sup> February, 2022, organized by Manipur University Research and Development Cell in collaboration with Manipur University Research Club at V.C Court Hall, Manipur University.

**[B] International**

[1] Participated in the International Conference on “Water Resource Management: Challenges and Opportunities in The 21<sup>st</sup> Century” Organized by Assam University, Silchar, in collaboration with Ministry of Human Resource Development, Govt. of India and Shastri Indo-Canadian Institute, New Delhi, on April 23-25, 2007.

[2] Participated in the International Conference on “Global Ecosystems, Biodiversity and Environmental Sustainability in the 21<sup>st</sup> Century (ICGEBEns-2012)” Organized by Department of Ecology & Environmental Science, Assam University, Silchar, India, during 15 to 17 February, 2012

[3] Participated in the International Conference on “Biodiversity Conservation and Environmental Health” Organized by Department of Life Science and Bioinformatics, Assam University, Silchar-788011, India, during 16 to 17 March, 2012

[4] Participated & Presented a Paper in “Three Days Online International Conference on Environment and Sustainable Development in Post Covid -19 Through SDG’S Held on April 3, 4 & 5, 2021.

**[4] AWARDS/ HONOURS/FELLOWSHIPS: National [3]**

[i] Junior Research Fellowship (DST-Sponsored Project)

[ii] Senior Research Fellowship (CSIR-SRF-Direct)

[iii] Post-doctoral Fellow (DBT-Sponsored)

**[5] OTHER ACTIVITIES:**

[i] Participated in “BIGYANGI PAODAM”, A.I.R, Imphal

[ii] Engaged me as “Subject Matter Expert/ External Examiner”.

[iii] Actively involved in Environmental Conservation Programs/Activities.