

JAMSON MASIH (Ph.D)
Associate Professor
Department of Chemistry
Wilson College, Mumbai, India



EDUCATION & QUALIFICATIONS:

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| 2009 | Ph.D., (Chemistry)
St. John's College, Agra, India
(Thesis Topic: Studies on Trends In Particulate Matter Size and Polycyclic Aromatic Hydrocarbons (PAHs) in Indoor Environment of Domestic Homes) |
| 2006 | Masters Degree (Organic Chemistry 62.2%)
St. John's College, Agra, India |
| 2004 | Bachelors Degree (Chemistry, Zoology, Botany 65.5%)
St. John's College, Agra, India |

CAREER HISTORY:

UGC Dr. D.S. Kothari Post-Doctoral Fellow (PDF).
School of Environmental Sciences (SES)
Jawaharlal Nehru University (JNU), New Delhi, India

Senior Research Fellow (CSIR, India).
Department of Chemistry, St. John's College, Agra, India

Senior Research Fellow (DST, India).
Department of Chemistry, St. John's College, Agra, India

Junior Research Fellow (DST, India).
Department of Chemistry, St. John's College, Agra, India

COMPLETED RESEARCH PROJECTS

1. Successfully Completed Major Research Project of UGC Sanction to Dr. Jamson Masih in the year 2015 with a total grant of Rs. 15,15,000/- on the topic "Polycyclic aromatic hydrocarbons and their related carcinogenic potencies estimation in the PM2.5 particulate matter in urban and suburban area of Mumbai, India" on 30th June 2018.
2. Successfully Completed Major Research Project of UGC Sanction to Dr. Jamson Masih in the year 2015 with a total grant of Rs. 15,00,000/- on Distribution, behavior and its associated metals Concentration of Nano-particles in urban and sub-urban areas of Mumbai, India 2022.

ONGOING MoU/LoU

1. Entered into a LoU with Prof. Takeshi Ohura, Faculty of Agriculture, Meijo University Japan for collaborative research on the topic “Investigation and Characterization of Halo-PAHs associated with fine particulate matter in India” 2019.
2. Entered into an MoU to work on a Collaborative Research with Dayalbagh educational Institute (Deemed University) Agar entitled “Synthesis and characterization of nano materials for detection of microbial components in ambient environment” 2021.

ABROAD VISITS/AWARDS

1. Presented a Paper at the Euro-Mediterranean Conference for Environmental Integration (EMCEI-23) at University of Calabria Convention Centre in **Rende (Cosenza), Italy** from 2 to 5 October 2023.
2. Presented a Paper at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living on the titled “Seasonal variation of metals concentration in the ultrafine particulate matter at the Urban location of Financial Capital of India”organised by **Elsevier 8-10 November 2022 | Sitges, Barcelona, Spain.**
3. Presented a Paper at 26th ISPAC Conference on PACs, organised by **Orebro University, Sweden** 9-12th September 2019.
4. Presented a Paper on Chemical characterization of Submicron particles in indoor and outdoor air of Urban Site of Mumbai, India: A pilot Study in 11th International Conference on Sustainable Energy and Environmental Protection (SEEP2018), 8-11 May 2018, held at the **University of the West of Scotland Glasgow, Scotland.**
5. Attended and presented paper in Aerosols, Visibility, and the Radiative Balance of Air & Waste Management Association (AWMA), Jackson Hole, **Wyoming USA**, Sep 26 to 30, 2016.
6. Attended and presented paper in 12th REHVA World Congress CLIMA 2016, **Aalborg Denmark.** From May 20-25th 2016.
7. Attended Environment and Health, ISEE, ISES and ISAIQ in **Basel, Switzerland**, from August 20-23 2013.
8. Attended 10th International Healthy building Conference (HB-2012), organised by the International Society of Indoor Air Quality and Climate 8-12 July 2012, **Brisbane, Australia.**
9. Visited United state Environment Protection Agency, Environment Response Team (USEPA, ERT) of New Jersey, Edison U.S.A. and had vital discussions on the analysis of HG, PAHs, Heavy metals in the air with Dr David Wright (Director, USEPA), Dr. Henry Allen (Chemist USEPA) and Dr. Raj Singhvi (Chemist) USEPA, ERT, **New Jersey USA-2010.**
10. Attended American Association for Aerosol Research (AAAR-2010) Specialty Conference, organized by AAAR and USEPA, held 22-25 March 2010, in **San Diego, California USA, 2010.**

Invited Talks/Session chair

1. Chaired Session 18: New transit models; at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
2. Chaired Session 21: Cities and climate at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
3. Chaired Session 26: COVID19 mobility; at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
4. Chaired Session 35: Climate and sustainability at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
5. Chaired Session 38: (New) Concepts; at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
6. Chaired Poster Teaser Session 2A at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain**
7. Chaired Poster Teaser Session 3B at Urban Transitions 2022, A global Summit, integrating Urban and Transport Planning, Environmental and Health for healthier Urban Living organised by **Elsevier 8-10 November 2022, Sitges, Barcelona, Spain.**
8. Chaired the session “Characterization of Atmospheric PACs” in the 26th International Symposium on Polycyclic Aromatic Compounds (ISPAC) held in **Örebro, Sweden** from 9th to 12th September 2019.
9. Chaired a session on Renewable Energy in the 11th International Conference on Sustainable Energy and Environmental Protection (SEEP2018), 8-11 May 2018, held at the **University of the West of Scotland Glasgow, Scotland.**
10. **Served as Chair** of Technical Session #15: Aerosol Field Studies and Monitoring Networks, in Atmospheric Optics: Aerosols, Visibility, and the Radiative Balance of Air & Waste Management Association (**AWMA**), **Jackson Hole, Wyoming USA**, Sep 26 to 30, 2016.
11. Invites as Guest Speaker in a Short term training programme “Four Pillars of Engineering” organized by Humanities & Science Department, Fr. C. Rodrigues College of Engineering, College, **Mumbai, India.**
12. Invited as Resource person to deliver a talk on the topic “Plastic waste: An Environmental Issues and Challenges” in UGC sponsored National level seminar organized by Department of Chemistry **B.B Mahavidyalaya, Jajpur, Bhubneshwar, Odisha, 10-11 Jan 2012.**
13. Deliver a Talk on “Indoor air pollution India” in Green Summit 2008 Organized by Central Pollution Control board, Ministry of environment & Forest, Govt. of India, at

Mughal Sheraton, (March 1-2,) 2008, Agra, India.

FELLOW/BODIES MEMBER

1. Life Member of Indian Chemical Society (ICS), India.
2. Life Member of Indian Council of Chemists (ICC), India.
3. Member of International Society of Indoor Air Quality and Climate (IAQC), Santa Cruz, CA, USA.
4. Life Member of Indian Association of Environmental and Analytical Chemistry (IAEAC), Bhabha Atomic Research Centre, Mumbai, India.
5. Life Member of Indian Association of Chemistry Teachers (IACT), Mumbai, India.

AWARDS AND ACHIEVEMENTS:

1. Internatinal Travel grant SERB, New Delhi 2022.
2. INDO US Travel Grant. **(USD 500)** 2019.
3. ICMR Internatinal Travel Grant, New Delhi, 2018.
4. CSIR Travel Grant 2018.
5. East-West Center Honolulu, HI USA **(USD 445)** 2017.
6. Internatinal Travel grant DST, New Delhi 2016.
7. Internatinal Travel grant, AWMA, USA **(USD 2154)** 2016.
8. CSIR Travel Grant 2016.
9. ICMR Internatinal Travel Grant, New Delhi, 2013.
10. UGC Travel Grant 2013.
11. Internatinal Travel Grant DST, New Delhi 2011.
12. AAAR USA, Travel support of **(USD 585)**/- 2010.
13. CSIR Travel Grant 2010.
14. CCSTDS Travel Grant 2010.