


## Curriculum Vitae (CV)

Title	Dr	First Name	Nazia	Last Name	Talat	Photograph
Designation	Assistant Professor					
Department	Environmental Studies					
Address (Campus)	Shyama Prasad Mukherji College for Women University of Delhi Punjabi Bagh (West) New Delhi-110026					
Phone Number(Campus)	9999604964					
Fax						
Email	nazia@spm.du.ac.in					
Education	PhD					
Subject	Institution		Details			
PhD (2019)	Centre for Studies in Science Policy, Jawaharlal Nehru University		Title of thesis: <i>‘Technological changes in Indian household water purifiers: an evolutionary perspective’</i>			
M.Phil (2014)	Centre for Studies in Science Policy, Jawaharlal Nehru University		Title of Dissertation: <i>‘Reverse Osmosis technology for Household Water Purification in Delhi: examining the issues of ‘Path Dependence’ and ‘Lock-in’</i>			
M. Sc. (Natural Resource Management) (2010)	TERI School of Advanced Studies		Title of Dissertation: <i>‘Addressing REDD using Remote Sensing and GIS tools: A case study in Sonitpur, Assam (India)’</i>			
B.Sc. (Biosciences) (2008)	Jamia Millia Islamia, New Delhi		Gold Medal			
Research Interests/ Specialization						

Water Purification Technologies  
Sustainability Transitions  
Co-evolution, Path Dependence, Technological Lock-in  
Frugal Innovations  
Responsible Research and Innovations

Teaching Experience

5 years, 00 months, 3 days

## **Publications:**

### **Chapters in Edited Books:**

- **Talat, N., & Bhaduri, S. (2022).** Responsible Leadership at the Time of the Pandemic: SMEs in India. In *Responsible Leadership for Sustainability in Uncertain Times* (pp. 157-170). Springer, Singapore. [https://link.springer.com/chapter/10.1007/978-981-19-4723-0\\_9](https://link.springer.com/chapter/10.1007/978-981-19-4723-0_9)
- **Talat, N., (2022)** "Corporate sustainability: roles of technologies and business models." In *Environmental Sustainability and Industries*, pp. 527-547. Elsevier, 2022. <https://doi.org/10.1016/B978-0-323-90034-8.00009-9>
- **Talat, N. (2021).** Urban water-supply management: indirect issues of climate change leading to water scarcity scenarios in developing and underdeveloped nations. In *Water Conservation in the Era of Global Climate Change* (pp. 47-71), Elsevier. <https://doi.org/10.1016/B978-0-12-820200-5.00009-9>
- **Talat, N. (2020).** Alleviation of soil salinization and the management of saline soils, climate change, and soil interactions. In *Climate Change and Soil Interactions* (pp. 305-329), Elsevier. <https://doi.org/10.1016/B978-0-12-818032-7.00011-4>
- **Talat, N. (2020).** Recent trends and research strategies for treatment of water and wastewater in India. In *Water Conservation and Wastewater Treatment in BRICS Nations* (pp. 139-168), Elsevier. <https://doi.org/10.1016/B978-0-12-818339-7.00007-2>

### **Research Papers in Journals:**

- **Talat, N. (2021).** Book Review of *Minds Online: teaching effectively with technology*, by Michelle D. Miller, *Indian Journal of Educational Technology*, Vol. 3, No. 1, January, 2021.
- **Bhaduri, S., & Talat, N. (2020).** RRI Beyond Its Comfort Zone: Initiating a Dialogue with Frugal Innovation by 'the Vulnerable'. *Science, Technology and Society*, Vol. 25, No. 2, pp. 273–290. <https://doi.org/10.1177/0971721820902967>
- **Talat, N., (2018).** Technologies to alleviate pollution: Air and Water Purification, *Economic*

and Political Weekly, Vol. 53, No. 19, pp. 21-25.

- **Talat, N., & Bhaduri, S.** (2017). Incremental innovations, information contagion, and path dependence: the case of drinking water purification technologies in urban India. *Industrial and Corporate Change*, Vol. 26, No. 6, pp. 1089-1108. <https://doi.org/10.1093/icc/dtx010>
- Bhaduri, S., Sharma, A., and **Talat, N.** (2015), Growth of water purification technologies in the era of 'regulatory vacuum' in India: a critical outlook, *Current Science*, Vol. 108, No. 8, 25 April 2015

## **Participation in International Conferences/Workshops:**

### **INVITED LECTURES:**

- Delivered an invited lecture on **“Evolution of Water Purification Technologies in India”**, at the **Five Day’s FDP** on “Perspectives on Tools and Techniques for Conservation of Natural Resources” conducted by the Amity School of Natural Resources and Sustainable Development, Amity University, Noida, on **13th May, 2022**.
- Delivered an invited lecture on **“Air & Water Pollution”**, at the Three-Day Online Programme on ‘Environment and Pollution’, **organized by Andhra Pradesh Human Resource Development Institute (APHRDI), Government of Andhra Pradesh**, (in association with DoPT, GOI), 7 to 9 September, on **8th September, 2020**.
- Delivered an invited lecture on **“Water & Air Pollution”**, at the 3- Day Residential Training Programme on ‘Environmental Pollution & its Health Impact’, **organized by Andhra Pradesh Human Resource Development Institute (APHRDI), Government of Andhra Pradesh**, (in association with DoPT, GOI), 26th to 28th August, 2019, on **27th August, 2019**.
- Delivered a talk (invited) on **“Water Purification Technologies: Issues and Concerns”**, at the Department of Environmental Studies, Motilal Nehru College, University of Delhi, on **9th April, 2019**.

### **CONFERENCE PRESENTATIONS:**

- Presented paper, *“Technological change and sustainability in drinking water purification technologies at household level in Delhi (India)”*, at the **15th International Globelics Conference**, Athens, Greece, 11-13 October, 2017. Received *full travel grants*.
- Presented paper, *“Technological changes in the household level drinking water purifiers in Delhi (India): path dependence and sustainability”* at the Symposium on Sustainability Studies, **JNU Researchers’ Interaction**, September 26-27, 2017; Committee Hall, Convention Centre, JNU
- Presented paper, *“Path dependence, incremental innovations and sustainability: case of household-level drinking water purification in India”* at the **8th IST 2017 (International Sustainability Transitions) Conference**, Gothenburg, Sweden, 18-21

June, 2017. Received *full travel grants*.

- Presented paper, “*Adoption of reverse osmosis (RO) water purification technologies by urban households in India: Path Dependence revisited*” at the **31st EGOS (European Group of Organisational Studies) Colloquium, Athens, Greece, 2-4 July, 2015**. Received *full travel grants*.
- Presented paper, “Flood risk assessment and mitigation in Haryana – a case study of Rohtak,” at **Indian Disaster Management Congress (IDMC) 2**, New Delhi on 5th November, 2009; Abstract published in IDMC magazine, 2009

#### **FIP/FDP**

- Completed UGC- Sponsored Short Term Program on “**Research Methodology in Social Sciences**”, organized by UGC-MMTTC Kumaun University, Nainital, Uttarakhand, India, from **23<sup>rd</sup> July 2024 to 29<sup>th</sup> July 2024**.
- Completed the **NEP 2020 Orientation & Sensitization Programme (Programme Code: MMC-138-2024-JUNE-B-01831)** in online mode under Malaviya Mission Teacher Training Programme (MMTTP) of Ministry of Education, Government of India organized by Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC) from **June 19, 2024 to June 28, 2024**.
- Completed a 4-Week Faculty Induction/Orientation Programme for “**Faculty in Universities/Colleges/Institutes of Higher Education**” from **21 February – 19 March 2024**, organised by TLC Ramanujan College under the Ministry of Education sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme, and obtained a **Grade A+**.
- Completed online Faculty Development Program on “Environmental Impacts of Covid-19 Pandemic: Challenges and Future Research” Organized by University School of Environment Management, Guru Gobind Singh Indraprastha University from 27th May-1st June 2020.

#### **Innovative Projects:**

#### **Awards/Recognition:**

- **NET/JRF (Life Sciences):** Active from **August 2011 to July 2026**.
- **GATE (Life Sciences):** **91.79 percentile (2010)**.
- My Project Proposal titled, “**Co-evolution of Frugal Innovations and Sustainable Business Models: cases from Drinking Water Purification sectors in India and The Netherlands**” (101153200 — **WATPIN**), submitted under the **Horizon Europe Marie**

**Skłodowska-Curie Actions call, HORIZON-MSCA-2023-PF-01-01 — MSCA Postdoctoral Fellowships 2023**, in collaboration with **ERASMUS UNIVERSITEIT ROTTERDAM** received the “**Seal of Excellence**” by European Commission Horizon Europe.

**Other Responsibilities:**

- Member Durva: Eco Club of SPMC from July 2021-June 2023
- Member Cleanliness Committee, SPMC, from July 2021-June 2023