

CURRICULUM VITAE

SHILPA KHURANA

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ACADEMIC QUALIFICATION:

Qualification	Institution	Board/ University	Year of Passing
PhD	Under supervision of Prof. Amita Chandra in Department of Physics & Astrophysics, University of Delhi on the topic entitled “ <i>Organic-inorganic polymer complexes</i> ”		
M.Sc (Physics)	Hindu College	University of Delhi	2012
B.Sc (Physics)	S.G.T.B Khalsa College	University of Delhi	2010
12 th	Victoria Girls Sen. Sec. School	CBSE	2006
10 th	Victoria Girls Sen. Sec. School	CBSE	2004

WORKING EXPERIENCE:

- Worked as an Assistant Professor in Daulat Ram College, University of Delhi from 22nd August 2013 to 22nd May 2015 on ad-hoc basis.

ACHIEVEMENTS:

- CSIR-NET 2014 (NET-JRF)
- GATE Jan 2013
- IIT JAM 2010 (Geophysics)

PUBLICATIONS:

1. Ionic liquid-based organic–inorganic hybrid electrolytes: Impact of in situ obtained and dispersed silica.

Shilpa Khurana and Amita Chandra

Journal of Polymer Science Part B: Polymer Physics 56 (2018) 207.

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2. Ion conducting polymer-silica hybrid ionogels obtained via non-aqueous sol-gel route.

Shilpa Khurana and Amita Chandra

Solid State Ionics 340 (2019) 115027

3. Effect of surface modification of dispersoid on hybrid polymer electrolyte.

Shilpa Khurana, Sangeeta Negi and Amita Chandra

Polymer Testing 96 (2021) 107118.

4. Transportation of calcium ions through chemically modified nanochannels in a polymeric membrane.

Sangeeta Negi, Shilpa Khurana, Amita Chandra

Ionics (2022) <https://doi.org/10.1007/s11581-021-04391-5>

Other relevant information:

- Worked at University of Paderborn, Germany under the guidance of Prof. Claudia Schmidt in a collaborative project.