



Dr. ASHISH VERMA

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Address: Department of Chemistry, D.A-V. College
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Expertise

Multidisciplinary Chemistry

Supramolecular Chemistry: Design, Synthesis and Application of
Coordination Polymers and Chemosensors

Work experience

Assistant Professor in DAV Post Graduate College Kanpur U.P.

Education

PhD in Chemistry from Indian Institute of Technology Kanpur

Publication

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1. Nanosized Bispyrazole-Based Cryptand-Stabilized Palladium(0) Nanoparticles: A Reusable Heterogeneous Catalyst for the Suzuki-Miyaura Coupling Reaction in Water
verma, Ashish and Tomar, Kapil and Bharadwaj, Parimal K.
Inorganic Chemistry, Volume 58, Year 2019, Pages 1003-1006
 2. Halocarbon Encapsulation via Halogen $\cdots\pi$ Interactions in a Bispyrazole-Based Cryptand
Verma, Ashish and Tomar, Kapil and Bharadwaj, Parimal K.
Crystal Growth & Design, Volume 19, Year 2019, Pages 369-375
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3. 'Regioisomeric cryptand stabilized gold supraspheres and elongated dodecahedron supraparticles for reversible host-guest chemistry '

'Saini, Meenaxi and Verma, Ashish and Tomar, Kapil and Bharadwaj, Parimal K. and Sadhu, Kalyan K. '
'Chem. Commun. ', Volume '54', Year 2018, Pages '12836-12839 '

4. Exploiting Dimensional Variability in Cu Paddle-Wheel Secondary Building Unit Based Mixed Valence Cu(II)/Cu(I) Frameworks from a Bispyrazole Ligand by Solvent/pH Variation

Tomar, Kapil;Verma, Ashish;Bharadwaj, Parimal K.
Crystal Growth and Design, Volume 18, Year 2018, Pages 2397-2404

5. An Amine Functionalized Metal-Organic Framework as an Effective Catalyst for Conversion of CO₂ and Biginelli Reactions

Verma, Ashish and De, Dinesh and Tomar, Kapil and Bharadwaj, Parimal K.
Inorganic Chemistry, Volume 56, Year 2017, Pages 9765-9771

6. Chiral Cadmium(II) Metal-Organic Framework from an Achiral Ligand by Spontaneous Resolution: An Efficient Heterogeneous Catalyst for the Strecker Reaction of Ketones

Verma, Ashish and Tomar, Kapil and Bharadwaj, Parimal K.
Inorganic Chemistry, Volume 56, Year 2017, Pages 13629-13633