

CURRICULUM VITAE



NAME : Dr Jitendra Kumar
DESIGNATION : Assistant Professor
DEPARTMENT : Chemistry
SPECIALIZATION : Organic Chemistry
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BLOOD GROUP : B+

QUALIFICATION DETAILS

S.NO.	QUALIFICATION	NAME OF UNIVERSITY	PASSING YEAR
1	PHD	Indian Institute of Technology Kanpur	2012
2	M.Sc. / M.A.	MLK PG College Balrampur (Dr Ram Manohar Lohiya Avadh University Faizabad)	2004
3	B.Sc. / B.A.	MLK PG College Balrampur (Dr Ram Manohar Lohiya Avadh University Faizabad)	2002

POSITIONS HELD

S.NO.	EMPLOYER	DESIGNATION	DATE FROM	DATE TO
1	Management, MLK PG College Balrampur	Assistant Professor	8 th April 2019	Till Date
2	Department of Higher Education, Chhattisgarh	Assistant Professor	14 th September 2017	6 th April 2019
3	Department of Chemistry, Panjab University Chandigarh	DST Young Scientist	9 th September 2016	8 th September 2016
4	National Institute of Science Education and Research (NISER), Institute of Physics Campus, Bhubaneswar, Orissa, India	Postdoctoral fellow	11 th March 2015	10 th March 2016
5	National Environmental Research Institute (NERI) National University of	Postdoctoral fellow	1 st March 2012	31 st January 2014

ACADEMIC DETAILS

Significant Publications and Articles

S.NO.	TITLE	JOURNAL	VOLUME / ISSUE / Page No	YEAR
1	Directing Spatial Disposition of Ferrocene around Homo adenine Tetrads	Chemical Communication	2526-2528	2008
2	Silver-Adenine Metallamacrocyclic Hexamer	Inorganic Chemistry	48, 6350-6352	2009
3	Synthesis and Characterization of Nucleobase-Carbon Nanotube Hybrids	Journal of American Chemical Society	131, 13555-13562	2009
4	The Many Facets of Adenine: Coordination, Crystal Patterns and Catalysis.	Accounts of Chemical Research	43, 79-91	2010
5	Contrasting Crystallographic Signatures of 9-Carboxypropyl Adeninium Cation: Adenine Dimerization vs. Carboxylic Group	Crystal Growth & Design,	10, 3555–3561	2010
6	Carbon Nanotube-Nucleobase Hybrids: Nanorings from Uracil-Modified Single-Walled Carbon Nanotubes	Chemistry-A European Journal	17, 6772-6780	2011
7	Nucleobase-pairing triggers the self-assembly of uracil-ferrocene on adenine functionalized multi-walled carbon nanotubes	Carbon	50, 3170–3177	2012
8	Water adsorbing silver–adenine interpenetrated framework	Crystal Engineering Communication	14, 3012-3014	2012
9	Self-organized macroporous thin carbon films for supported metal catalysis	Colloids and Surfaces A,	427, 83–94	2013
10	Counteranion-directed structural consequences in silver-adenine N-oxide complexes	Crystal Engineering Communication	15, 9316-9319	2013
11	Functionalized Carbon Spheres for Extraction of Nanoparticles and Catalyst Support in Water	ACS Sustainable Chemistry & Engineering	2, 2675–2682	2014
12	H-bond supported	RSC Advances,	5, 78389–78395	2015

	coordination polymers of transition metal sulfites with different dimensionalities			
13	Organically templated linear metal sulfites	RSC Advances,	5, 96034–96041	2015
14	The first organically templated open-framework metal-sulfites with layered and three-dimensional diamondoid structures	Chemical Communication	52, 1282-1285	2016
15	Crystallographic signatures of silver-purine frameworks with an azide functionality	InorganicaChimica Acta	452, 214-221	2016
16	Organically-Templated Inorganic-Organic Hybrid Metal (Zn and Cd) Sulphite-Oxalates with Layered and Three-Dimensional Structures	Dalton Transaction,	46, 15939-15946	2017

Conferences, Seminars, Workshops & Talks

S.NO.	DETAILS	YEAR
1	Poster presentation titled “Silver Adenine Frameworks” at 2nd German–Indian Symposium on “Frontiers of Chemistry” organized by University of Leipzig, Leipzig, Germany	16-19th Sep, 2009
2	Poster presentation titled “Silver Adenine Frameworks” at 13th CRSI & 5th RSC-CRSI Symposium in Chemistry jointly hosted by NISER & KIIT University, Bhubaneswar, India	4-6th Feb, 2011
3	Poster presentation titled “In-situ and post-modification of carbon material for pollutant removal” at ICMAT-2013 organized by MRS Singapore in Suntec Convocation center, Singapore.	1st July-6th July 2013.
4	Oral presentation titled “In-situ and post-modification of hydrochar from low cost materials: excellent adsorbents for dyes and nanoparticles” in ICSM-2016 organized by MNIT Jaipur	12 Dec-16 Dec 2016
5	Oral presentation titled “In-situ and post-modification of hydrochar from low cost materials: excellent adsorbents for dyes and nanoparticles” in Professor RC Paul National Symposium on current advances in chemical sciences held in Department of Chemistry, Panjab University, Chandigarh	(24-25 Feb 2017)
6	9. Oral Talk on “State of Art Technologies in Material Research” in a conference entitled “Characterization Computational and Characterization Techniques in Engineering and Sciences” organized by Rajkiya Engineering College Technical Education Quality Improvement Program Ambedkarnagar,	6-7th Sep 2019
7	Oral talk titled “Many Facets of Nanomaterials” in a National Webinar titled “Recent Trends and Application of Nanomaterials in Chemistry” organized by Department of Chemistry, Govt Lahiri PG College Chirimiri, Korea, Chhattisgarh	18 July 2020
8	Oral talk titled “Chemistry Against Corona” in a National Webinar titled “Impact of Covid-19 on Chemistry of Environment and Human Life” organized by Department of chemistry, Rajeev Gandhi Govt PG College,	27 July 2020

Ambikapur Chhattisgarh		
9	Organized a seminar on "Research Methodology" at MLK PG College Balrampur as organizing secretary and deliver a talk on a focal theme	23-24 May 2022
10	Delivered a talk on "Hydrochar from agrowaste: Novel adsorbents for water purification" in a seminar organized by Sri LBS Degree college Gonda	5 June 2022 (Environment Day)

Awards & Recognitions

S.NO.	NAME OF AWARDS	YEAR
1	<i>DST-SERB Young Scientist Award in 2015</i> for Project titled " <i>MIL-incorporated metal carbon hybrid nanostructures from agrowaste for efficient water purification</i> ". [File Number: YSS/2015/001890]	
	<i>Shyama Prasad Mukherjee (SPM) Fellowship</i> in chemical sciences in July 2006 conducted by Council of Scientific & Industrial Research, Human Resource Development Group (CSIR-HRDG), New Delhi	
2	<i>Graduate Aptitude Test in Engineering (GATE)</i> in 2006; All India Rank: 7 th	
	<i>NET-Junior Research Fellowship</i> (JRF-chemical sciences) by CSIR in Dec 2005	
3	<i>NET-Lectureship</i> (LS-chemical sciences) by CSIR in June 2005	

Academic / Administrative Services to the College / University

S.NO.	DETAILS
1	Membership in BOS for PG Chemistry
2	Participated in the design of MSc Chemistry courses as per New Education Policy
3	Setting of Question Papers and Evaluation of Answer Books, Conduction of Practical examination
4	Member of IQAC
5	Admission Form Forwarding Committee- Member
6	Member of Research and Seminar Committee
7	Member of the verification committee to scrutinize the documents for the promotion of Associate Professor to Professor
8	Member of ICT Cell,
9	Member of Remedial Coaching
10	Assistant Superintendent for conducting examination in the college

Research Guidance

S.NO.	NAME OF RESEARCH SCHOLAR	TOPIC	STATUS / YEAR
1	NONE	NONE	NONE
2			
3			