Faculty Details proforma for DU Web-site

Title	Prof./Dr./Mr./Ms./ Mrs.	First Name	**Venkatesu**	Last Name	**Pannuru**	Photograph
Designation		**Associate Professor**				
Address		**R.No. 002, Multi-storey building Department of Chemistry, University of Delhi, Delhi 110 007**				
Phone No Office						
Residence		**F6, Teacher Transit Hostel, Dhaka Land, Bhai Parmanand colony, Mukharjee Nagar Delhi 110 009**				
Email		**pvenkatesu@chemistry.du.ac.in, pannuruv@yahoo.com**				
Web-Page						

Educational Qualifications		
Degree	Institution	Year
Ph.D.	**Sri Venkateswara University, Tirupati**	**1995**
PG	**Sri Venkateswara University, Tirupati**	**1989**
UG	**Sri Venkateswara University, Tirupati**	**1987**
Any other qualification		

Career Profile

June 22, 2015 – till date as a Associate Professor, Department of Chemistry**, University of Delhi,** Delhi.

April, 2008 – June 2015: Assistant Professor, Department of Chemistry**, University of Delhi,** Delhi.

May 2004 - March 2008: Post-Doctoral Fellow, Department of Chemical Engineering, **National Taiwan University of Science & Technology**, Taipei, **Taiwan**.

May 2003 - April 2004: Post-Doctoral Fellow**,** Institute of Physics, Academia Sinica**, Taipei, Taiwan.**

February 2002 - February 2003: Post-Doctoral Fellow, Department of Human Biological Chemistry, The University of Texas Medical Branch (UTMB), **Galveston, TX, USA.**

January 2001 - January 2002: Post-Doctoral Fellow, Department of Chemical Engineering, **National Taiwan University of Science & Technology**, Taipei, **Taiwan**.

October 1997 - April 1998: Post-Doctoral Fellow, Department of Chemistry, Warsaw University of Technology, 00-664 Warsaw, **Poland.**

Administrative Assignments

Currently working as a Member, DRC, Department of Chemistry, University of Delhi, Delhi.

Areas of Interest / Specialization

- ❖ Synthesizing biocompatible and novel amino acid ionic liquids which are absent in the literature.
- ❖ Influence of ionic liquids (ILs) on the structure and stability of biomolecules that delineates to denaturation, refolding, protein aggregation and the formation of folding intermediates.
- ❖ The activity and stability of proteins in the presence of osmolytes and denaturants.
- ❖ The behavior of polymer chain or ionic liquid in coexisting liquid phases.
- ❖ Influence of ionic liquids on the thermo-responsive polymers.
- ❖ Thermodynamic and physicochemical properties of novel class of liquids, ionic liquids and their mixtures.

Subjects Taught

Quantum Chemistry, Biophysical Chemistry and Advanced Chemical Kinetics

Research Guidance

List against each head (If applicable)

1. **Doctoral Thesis: 8 awarded and 6 are working**
2. **Awarded M. Phil**

1. *Pankaj Attri (**2012**) Influence of ammonium ionic liquids on the structure and stability of biomolecules.*

***Present Position**: Marie Sklodowsk-curie Individual Fellowship, Belgium*

a) Post-Doctoral Fellow, Plasma Bioscience Research Center, Kwangwoon University, Seoul, South Korea (Completed) From March 1, 2013 to August 31, 2017.

b) JSPS invitation fellowship Kyushu University, Japan, (Completed), From January 10, 2016 to November 9, 2016.

2. *Hemant Kumar (**2012**) Studies in phthalocyanine based organic solar cells*

***Present Position**: Assistant Professor, Dept. of Chemistry, Rajki Mahavidyalaya, Khasganja, KhanshiRam Nagar,U. P. Government, Uttar Pradesh.*

3. *P. Madhusudhana Reddy (**2013**) Exploring the polymer behaviour in phase separated systems*

Present Position**: Quality Control Officer, Date of Joining: 28-05-2018, Place of Working: Panipat Naphtha Cracker, Panipat Refinery & Petrochemical Complex, Panipat. **Indian Oil Corporation Limited.

*(a) Post-Doctoral Fellow, Department of Chemical Engineering, Feng Chia University, Taichung, Taiwan (**Completed** from 19-01-2014 to 30-04-2018).*

4. *Awanish Kumar (**2014**) The impact of ionic liquids on the stability of proteins*
   ***Present Position**: Post-Doctoral Associate, Hebrew University of Jerusalem, Israel (April 2018-continued).*

   (a) Post-Doctoral Associate, Massachusetts Institute of Technology (MIT), USA (November 2014-November 2016)

5. *Indrani Jha (**2017**) Deciphering the role of ionic liquids in the structure and stability of proteins.*
   ***Present Position: Assistant Professor (Adhoc),** Hansraj College, University of Delhi,*

6. *Anjeeta Rani (**2017**) Divulging the biomolecular interactions between the proteins and osmolytes.*
   ***Present Position: Assistant Professor (Adhoc),** Shaheed Rajguru Collecge of Applied Science for Women, University of Delhi, Delhi.*

7. *R. Umapathi (**2017**) Influence of ionic liquids on thermoresponsive polymers in aqueous media.*
   ***Present Position**: Post-Doctoral Fellow, Department of Chemical Engineering and Applied Chemistry, Chungnam National University, Daejeon 34134, Republic of Korea.*

8. *Meena Bisht (**2017**) Understanding the behavior of proteins in the presence of ionic liquids*
   Present Position: Post-Doctoral Fellow, Department of Chemistry, University of Aveiro, Portugal.

1. **Book Chapters: 1.** Plasma Technology: A New Remediation for Water Purification with or without Nanoparticles (John Wiley & Sons, Inc) Publication date 2014/6/9; ISBN-13: 978-1118496305

2. Book title: Ionic Liquids, Chapter title: The Role of Ionic Liquids in Protein Folding/Unfolding Studies, ISBN 978-953-51-2902-8, InTech - open science | open minds publication, Chapter http://dx.doi.org/10.5772/65924, Date: 22-2-2016.

(b) Research Publications

Total Citations: 4227; *h*-Index: 36 (June 21, 2019)

Citation indices	All	Since 2014
Citations	4220	2866
h-index	36	30
i10-index	119	79

https://scholar.google.com/citations?user=5BOH788AAAAJ&hl=en

Publication Summary: Total Research Papers: 178 (Please see the list of publications for details)

One Chemical Reviews 2012, *112*, *4283-4307* (**Impact factor: 46.568)**
Four Perspectives in Phys. Chem. Chem. Phys. 2015, *17*, 20466-204484;
Phys. Chem. Chem. Phys. 2016, *18*, 8278-8326
Phys. Chem. Chem. Phys. 2018, *20*, *9717-9744*
Phys. Chem. Chem. Phys. 2018, *20*, 20315-20333
One Review in Biophysical Reviews, 2018, *10***,** 841-846
One Review in RSC Advances 2016, *6*, 18763-18777
Two Reviews in Int. J. of Biological Macromolecules *2014*, *63, 244-253.*
Single author papers: J. Phys. Chem. B, 2006, 110, 7339 -17346
J. Chem. Phys., 2005, 123, 024902-024910 and
Review in **Fluid Phase Equilibria, 2010,** *298*, 173-191).

List of Publications

Sl. No.	Title of the articles	Authors	*Journal &Year, Volume, Page*	Impact factor
1	Overview of the stability of α-chymotrypsin in different solvent media	Awanish Kumar and **P.Venkatesu**	***Chemical Reviews,* 2012**, *112*, 4283-4307	**52.613**

2	Direct Conversion of Lignocellulosic Biomass to Biomimetic Tendril-Like Functional Carbon Helices: A Protein Friendly Host for Cytochrome C	K. Raj, Meena Bisht, D. Ghosh, **P.Venkatesu,** N. Singh, S. K. Nataraj, D. Mondal	***Green Chemistry*, 2018,** *20*, 3711-3716	**9.125**
3	Designing biological fluid inspired molecularly Q2 crowded ionic liquid media as a sustainable packaging platform for cytochrome c	Kavya Bhakuni, Meena Bisht, **P.Venkatesu** and D. Mondal	***Chem. Commun.*, 2019**, *55*, 5747-5750	**6.290**
4	An efficient study to reach physiological temperature with Poly(N-isopropylacrylamide) in presence of two differently behaving additives	Payal Narang and **P.Venkatesu**	*Journal of Colloid and Interface Science*, **2019**, *538*, 62-74	**6.361**
5	How do biological stimuli modulate conformational changes of biomedical thermoresponsive polymer?	Krishan Kumar, R. Umapathi, G. M. Rani and **P.Venkatesu**	*Colloids and Surfaces B: Biointerfaces* **2019**, *178*, 479-487.	**3.997**
6	Influence of biological stimuli on the phase behaviour of a biomedical thermoresponsive polymer: A Comparative investigation of hemeproteins	R. Umapathi, Krishan Kumar, G. M. Rani and **P.Venkatesu**	*Journal of Colloid and Interface Science*, **2019**, *541*, 1-11	**6.361**
7	Scrutinizing the effect of various nitrogen containing additives on the micellization behavior of a triblock copolymer	Payal Narang, Niketa Yadav and **P.Venkatesu**	*Journal of Colloid and Interface Science* **2019,** (Accepted)	**6.361**
8	Investigation of temperature and composition dependence of molecular interactions between phosphonium-based ionic liquid + N, N-dimethylformamide: A study of thermophysical properties	R. Umapathia, P. Naidoob, D. Ramjugernathb, **P.Venkatesu**, I. Bahadur	*Journal of Molecular Liquids* **2019,** (Accepted) doi.org/10.1016/j.molliq.2019.110987	4.513

9	Functionalized carbon nanotubes modulate the phase transition behavior of thermoresponsive polymer via hydrophilic-hydrophobic balance	Ritu Yadav, **P.Venkatesu**	*Polymer* **2019,** (Accepted) *doi.org/10.1016/j.polymer.2019.121573*	3.771
10	Profiling the molecular interactions between a promising thermoresponsive polymer and ionic liquid: A biophysical outlook	R.Umapathia,P. Narang, **P.Venkatesu** and N. Deenadayalu	*Journal of Molecular Liquids* **2019**, *278*, 716-721	4.513
11	Does macromolecular crowding compatible with enzyme stem bromelain structure and stability?	Kavya Bhakuni and **P.Venkatesu**	*International J. of Biological Macromolecule*, **2019**, *131*, 527-535	3.909
12	Insight into impact of choline-based ionic liquids on bovine β-lactoglobulin structural analysis: Unexpected high thermal stability of protein	Anamika Sindhu, N. Kumar Mogha and **P.Venkatesu**	*International J. of Biological Macromolecule*, **2019**, *126*, 1-10	3.909
13	Exploring the Effect of Choline-Based Ionic Liquids on the Stability and Activity of Stem Bromelain	P. K. Kumar, Meena Bisht, **P.Venkatesu**, I Bahadur, Eno E. Ebenso	***J. Phys. Chem. B*** 2018, *122*, 10435−10444	**3.146**
14	Long-term protein packaging in cholinium-based ionic liquids: Improved catalytic activity and enhanced stability of cytochrome C against multiple stresses	Meena Bisht, D. Mondal, M. M. Pereira, G. F. Mara **P. Venkatesu** and J. A. P. Coutinho	***Green Chemistry***, **2017**, *19*, 4900-4911.	**9.125**
15	Undefeatable relation between protein and osmolyte: A choice of nature (**Perspective**)	A. Rani and **P.Venkatesu**	*Phys. Chem. Chem. Phys.* **2018**, *20*, 20315-20333	4.493
16	How does a smart polymer respond to imidazolium-based ionic liquids?	R. Umapathi, A. Kumar N. Payal, and **P.Venkatesu**	*ACS Sustainable Chemistry & Engineering*, **2018,** *6*, 1400-1410	6.140

17	Influence of additives on thermores-ponsive polymers in aqueous media: A case study of poly(N-iso propylacrylamide) (**Perspective**)	R. Umapathi, P. M. Reddy, A. Rani and **P. Venkatesu**	*Phys. Chem. Chem. Phys.* **2018**, *20*, 9717-9744	4.493
18	Effect of Imidazolium-Based Ionic Liquids on Structure and Stability of Stem Bromelain: Concentration and Alkyl Chain Length Effect	Indrani Jha, Meena Bisht, Navin Mogha and **P. Venkatesu**	*J. Phys Chem B*, **2018**, *122*, 7522-7529	3.696
19	Unravelling the role of polyols with increasing carbon chain length and OH groups on phase transition behavior of PNIPAM	N. Payal, and **P.Venkatesu**	*New Journal of Chemistry*, **2018**, *42*, 13708-13717.	3.277
20	Does choline-based amino acid ionic liquid behave as a biocompatible solvent for stem bromelain structure?	Meena Bisht, Indrani Jha and **P. Venkatesu**	*Process Biochem.* **2018**, *74*, 77-85.	2.987
21	Undesirable impact on Structure and Stability of Insulin on Addition of (+)-Catechin Hydrate with Sugar	A. Rani, Indrani Jha and **P.Venkatesu**	*Archives of Biochemistry and Biophysics* **2018**, *646*, 64-71.	3.07
22	Innovative aspects of protein stability in ionic liquid mixtures (**Review**)	Awanish Kumar and **P.Venkatesu**	*Biophysical Reviews* **2018,** *10*, 841-846	3.0
23	Sustained stability and activity of lysozyme in choline chloride against pH induced denaturation	Indrani Jha, Anjeeta Rani and **P. Venkatesu**	*ACS Sustainable Chemistry & Engineering*, **2017**, *5*, 8344-8355.	6.14
24	The effects of biological buffers TRIS, TAPS, TES on the stability of lysozyme	P. Pavani , A. Rani, **P. Venkatesu**, M. J. Lee	*International J. of Biological Macromolecule*, **2018**, *112*, 720-727	3.909
25	Assessing the efficiency of imidazolium-based ionic liquids on the phase behaviour of a synthetic biomedical thermoresponsive polymer	R. Umapathi and **P.Venkatesu**	*Journal of Colloid & Interface Science*, **2018**, *511*, 174-183.	**5.091**
26	Crowded milieu tuning the stability and	B. Kavya and	*International J. of*	3.48

	activity of stem bromelain	**P.Venkatesu**	*Biological Macromolecule* **2018**, *109*, 114-123.	
27	A molecular interplay for osmolytes-induced phase behaviour of poly (vinyl methyl ether)	N. Payal, and **P.Venkatesu**	*Polymer*, **2017**, 224-233.	3.684
28	A comparative study of the stability of Stem bromelain based on the variation of anions of imidazolium-based ionic liquids	P. K. Kumar, Indrani Jha, **P. Venkatesu,** I. Bahadur and, Eno E. Ebenso	*Journal of Molecular Liquids* **2017**, *246*, 178-186.	4.5
29	Influence of cholinium-based ionic liquids on the structural stability and activity of α- chymotrypsin	Meena Bisht and **P. Venkatesu**	New Journal of Chemistry, **2017**, *41*, 13902-13911	3.269
30	Coherent Experimental and Simulation Approach to explore the underlying mechanism of Denaturation of Stem Bromelain in Osmolytes	Anjeeta Rani, M. Taha, **P. Venkatesu** and M. J. Lee	*J. Phys. Chem. B* **2017**, *121*, 6456-6470	3.696
31	Influence of temperature on thermophysical properties of tri(butyl)methylphosphonium methyl sulfate + N-methyl-2-pyrrolidone	R. Umapathi, R. Deresh and **P.Venkatesu**	*Journal of Molecular Liquids* **2017**, *242*, 375-381	4.5
32	An unexplored remarkable PNIPAM-osmolyte interaction study: An integrated experimental and simulation approach	N. Payal, B. V. Suresh **P.Venkatesu** and M. E. Soliman	*Journal of Colloid & Interface Science* **2017**, *504*, 417-428.	**5.09**
33	New endeavour to the cooperative behaviour of TMAO and urea towards the globular state of Poly(N-isopropylacrylamide)	N. Payal and **P.Venkatesu**	*RSC Adv.* **2017**, *7*, 34023-34033.	**3.108**
34	Biocompatibility of ionic liquids towards protein stability: A comprehensive overview on the current understanding and their implications	A. Kumar, Meena Bisht and **P.Venkatesu**	*International J. of Biological Macromolecule*	3.909

			2017, *96*, 611-651	
35	Comprehensive Computational and Experimental Analysis of Biomaterial towards the Behavior of Imidazolium-based Ionic Liquids: An Interplay between Hydrophilic and Hydrophobic Interactions	R. Umapathi, B. V. Suresh, **P. Venkatesu** and M.E. Soliman	*J. Phys. Chem. B* **2017**, *121*, 4909-4922	3.696
36	Thermo-responsive triblock copolymer phase transition behaviour in imidazolium-based ionic liquids: Role of the effect of alkyl chain length of cations	R. Umapathi and **P. Venkatesu**	*Journal of Colloid & Interface Science* **2017**, *485*, 183-191	**5.09**
37	The influence of various alkylammonium-based ionic liquids on the hydration state of temperature-responsive polymer	R. Umapathi, T. Y. Mkhize, **P. Venkatesu** and N. Deenadayalu	*Journal of Molecular Liquids* **2017**, *225*, 186-194.	4.5
38	Probing Molecular Interactions between Ammonium-based Ionic Liquids and N,N-Dimethylacetamide: A Combined FT-IR, DLS and DFT Study	P. K. Kumar, A. Rani, L. O. Olasunkanmi, I. Bahadur and **P. Venkatesu**, Eno E. Ebenso	*J. Phys. Chem. B* **2016**, *120*, 12584-12595)	3.696
39	Effect of 1, 4-bis (3-dodecylimidazolium-1-yl) butane bromide on channel form of gramicidin vesicles	R. Patel, M. Parray, U. K. Singh, A. Islam, **P. Venkatesu**, H. B Bohidar	Colloids and Surfaces A: Physicochemical and Engineering Aspects, **2016**, *508*, 150-158	2.829
40	Trimethylamine-*N*-oxide switches from stabilizing nature: A mechanistic outlook through experimental techniques and molecular dynamics simulation	A. Rani, A. Jayaraj, B. Jayaram and **P. Venkatesu**	*Scientific Reports* (Nature Publishing Group) **2016**, *6*, 23656	5.578
41	Deciphering the Interactions of Bromelain with Carbon Nanotubes: Role of Protein as Well as Carboxylated Multiwalled Carbon Nanotubes in a Complexation	Indrani Jha and **P. Venkatesu**	*J. Phys. Chem. C* **2016**, *120*, 15436-15445	4.509

	Mechanism			
42	A Distinct Proof on Interplay between Trehalose and GdnHCl for the Stability of Stem Bromelain	Anjeeta Rani and P. Venkatesu	*J. Phys. Chem. B* **2016**, *120*, 8863-8872	3.696
43	Comprehensive Evaluation of Biomolecular Interactions between Protein and Amino Acid Based-Ionic Liquids: A Comparable Study between [Bmim][Br] and [Bmim][Gly]	Meena Bisht, Indrani Jha and **P. Venkatesu**	*Chemistry Select* **2016**, *1*, 3510-3519	1.505
44	A Study of the molecular interactions between ammonium-based ionic liquids and N,N-dimethylacetamide	P. K. Kumar, V. Govinda, K. Sreenuvasulu, **P. Venkatesu**, I. Bahadur and E. E. Ebenso	*Journal of Molecular Liquids* **2016**, *223*, 687-698.	4.5
45	Does 1-Allyl-3-Methylimidazolium Chloride Acts as a Biocompatible Solvent for Stem Bromelain?	Indrani Jha, Meena Bisht and **P. Venkatesu**	*J. Phys. Chem. B* **2016,** *120*, 5625-5633	3.696
46	Remarkable refolding effects of partially-immiscible ammonium–based ionic liquids on the urea-induced unfolded lysozyme structure	B. Meena, A. Kumar and **P. Venkatesu**	*Phys. Chem. Chem. Phys.* **2016,** 18, 12419-12422	4.493
47	Unanticipated behaviour of sorbitol towards the stability and activity of stem bromelain: An outlook through biophysical techniques	Anjeeta Rani and **P. Venkatesu**	*Process Biochemistry* **2016**, *51*, 1028-1039	2.987
48	Solution Behaviour of Triblock Copolymer in the Presence of Ionic Liquids: A Comparative Study of Two Ionic Liquids Possessing Different Cations with Same Anion	R. Umapathi and **P. Venkatesu**	*ACS Sustainable Chemistry & Engineering*, **2016**, *4*, 2412-2421.	6.140
49	Unprecedented Improvement in the Stability of Haemoglobin in the Presence of Promising Green Solvent 1-Allyl-3-methylimidazolium Chloride	J. Indrani and **P.Venkatesu**	*ACS Sustainable Chemistry & Engineering*, **2016**, *4*, 413-421.	6.140
50	Molecular interactions between ammonium-based ionic liquids and	V. Govinda, **P.Venkatesu** and I.	*Phys. Chem. Chem. Phys.*	4.493

	molecular solvents: current progress and challenges	Bahadur	(**Perspective**) **2016,** *18*, 8278-8326.	
51	Structural Insights into the Effect of Cholinium-Based Ionic Liquids on the Critical Micellization Temperature of Aqueous Tri-block Co-polymer	I. Khan, R. Umapathi, M. Neves, J. A. P. Coutinho and **P. Venkatesu**	*Phys. Chem. Chem. Phys.* **2016,** *18*, 8342-8351 ***Highlighted on Cover page***	4.493
52	Exploring the structure and stability of amino acids and glycine peptides in biocompatible ionic liquids	A. Kumar, Meena Bisht and **P.Venkatesu**	*RSC Advances* (*Review*), **2016**, *6*, 18763-18777.	3.840
53	A study of conformational changes of β-lactoglobulin in the vicinity of critical point of binary mixed solvents	R. Umapathi and **P. Venkatesu**	*New Journal of Chemistry* **2016**, *40*, 1747-1755.	3.086
54	Endeavour to simplify the frustrated concept of protein-ammonium family ionic liquid interactions	J. Indrani and **P.Venkatesu**	*Phys. Chem. Chem. Phys.*, (**Perspective**) **2015**, *17*, 20466-20484	4.493
55	The biological stimuli for governing the phase transition temperature of the "smart" polymer PNIPAM in water	R. Umapathi, P. M. Reddy, A. Kumar, P. Venkatesu, C. J. Chang	*Colloids and Surfaces B: Biointerfaces* **2015**, *135*, 588-595	4.152
56	Analysis of the driving force that rule the stability of lysozyme in alkylammonium-based ionic liquids	Meena Bisht, Awanish Kumar and **P. Venkatesu**	*International J. of Biological Macromolecule* **2015**, *81*, 1074-1081	3.909
57	Effect of the Alkyl Chain Length of the Cation on the Interactions between Water and Ammonium-Based Ionic Liquids: Experimental and COSMO-RS Studies	V. Govinda, T. Vasantha, I. Khan, P.Venkatesu	*Industrial & Engineering Chemistry Research* **2015**, *54*, 9013-9026	3.14
58	A green approach to offset the perturbation action of 1-butyl-3-methylimidazolium iodide on α-	P. M. Reddy, R. Umapathi and **P.**	*Physical Chemistry Chemical Physics*, **2015**, *17*, 184-190.	4.493

	chymotrypsin	**Venkatesu**		
59	The overriding roles of concentration and Hydrophobic effect on structure and stability of heme protein induced by imidazolium-based ionic liquids	J. Indrani Awanish Kumar and **P.Venkatesu**	*J. Phys. Chem. B* **2015,** *119*, 8357-8368**.**	3.696
60	Quantifying the co-solvents effects on trypsin from the digestive system of Carp *Catla Catla* by biophysical techniques and molecular dynamics simulation	P. M. Reddy, M. Taha, Y.V.R. K. Sharma, **P. Venkatesu**, M. J. Lee	*RSC Advances* **2015**, *5*, 43023-43035	3.709
61	A comparative study of the Hofmeister series of anions of the ionic salts and ionic liquids on the stability of α-chymotrypsin	Awanish Kumar, Anjeeta Rani and **P. Venkatesu**	New Journal of Chemistry ***2015***,*39*, 938-952	3.159
62	Evaluating the transfer free energies of amino acids from water to ammonium-based ionic liquids at 298.15 K	T. Vasantha, A. Kumar, **P. Venkatesu** and R. S. Rama Devi	*Journal of Molecular Liquids* **2015**, 208, 130-136	4.5
63	Insights into the interactions between enzyme and co-solvents: Stability and activity of stem bromelain	Anjeeta Rani and **P. Venkatesu**	*International J. of Biological Macromolecule* **2015**, *73*, 189-201	3.909
64	Excess molar volumes of binary mixtures (an ionic liquid + water): A review	I. Bahadur, T. M. Letcher, S. Singh, **P. Venkatesu** , D. Ramjugernath	*J. Chem. Thermodynamics* **2015**, *82, 34–46*	2.6
65	A comparative study of myoglobin stability in the presence of Hofmeister anions of ionic liquids and ionic salts	Awanish Kumar and **P.Venkatesu**	*Process Biochemistry* **2014**, *49*, 2158-2169	2.987
66	A Comprehensive Experimental Study to Understand the Hofmeister Series of	Varadhi Govinda and **P. Venkatesu**	*Industrial & Engineering*	3.14

	Anions of Aqueous Imidazolium-based ILs on Glycine Peptides		*Chemistry Research* **2014,** *53*, 19628-19642	
67	Quantitative evaluation of the ability of ionic liquids to offset the cold-induced unfolding of proteins	Awanish Kumar, Anjeeta Rani and **P. Venkatesu**	*Phys. Chem. Chem. Phys.* ***(communication)*** **2014**, *16, 15806-15810*	4.493
68	Thermodynamic contribution of amino acids in ionic liquids towards protein Stability ***(Review)***	Awanish Kumar, **P.Venkatesu**, M. Taha and Ming-Jer Lee	*Current Biochemical Engineering*, ***2014***, *1*, 125-140.	
69	Thermophysical properties for the mixed solvents of N-methyl-2-pyrrolidone with some of the imidazolium-based ionic liquids	T. Kavitha, T. Vasantha, **P. Venkatesu**, R. S. Rama Devi and T. Hofman	*Journal of Molecular Liquids* ***2014***, *198*, 11-20.	4.5
70	Thermophysical Properties of Aqueous Solution of Ammonium-Based Ionic Liquids	R. Umapathi, P. Attri and **P. Venkatesu**	*J. Phys. Chem. B* ***2014,*** *118****,*** *5971-5982****.***	3.696
71	Variation in the structural changes of myoglobin in the presence of several protic ionic liquid	P. Attri, Indrani Jha, E. H. Choi and **P.Venkatesu**	*International J. of Biological Macromolecule* ***2014****, 69, 114-123.*	3.909
72	Unexpected effects of the alteration of structure and stability of myoglobin and hemoglobin in ammonium-based ionic liquids	Indrani Jha, P. Attri and **P. Venkatesu**	*Phys. Chem. Chem. Phys.*, ***2014****, 16, 5514-5526.* ***Highlighted on Cover page***	4.493
73	Interactions of ionic liquids with hydration layer of poly(N-isopropylacrylamide): Comprehensive	P. M. Reddy, R. Umapathi and **P.**	*Phys. Chem. Chem. Phys.*, ***2014****, 16,*	4.493

	analysis of biophysical techniques results	**Venkatesu**	*10708-10718.*	
74	Influence of hydroxyl group position and temperature on thermophysical properties of tetraalkylammonium hydroxide ionic liquids with alcohols	P. Attri, K. Y. Baik, **P. Venkatesu**, In Tae Kim, Eun Ha Choi	*Plos One, **2014**, 9, e86530-1-14.*	3.530
75	Influence of ionic liquids on the critical micellization temperature of a tri-block co-polymer in aqueous media	P. M. Reddy and **P. Venkatesu**	*Journal of Colloid & Interface Science, **2014**, 420, 166-173.*	5.09
76	Does the stability of proteins in ionic liquids obeys the Hofmeister series? ***(Review)***	Awanish Kumar and **P. Venkatesu**	*International J. of Biological Macromolecules **2014**, 63, 244-253.*	3.909
77	The stability of insulin in presence of short alkyl chained imidazolium-based ionic liquids.	Awanish Kumar and **P. Venkatesu**	*RSC Advances* **2014**, *4*, 4487-4499	3.708
78	Evaluation of Thermophysical Properties of Ionic Liquids with Polar Solvent: A Comparable Study of Two Families of Ionic Liquids with Various Ions.	V. Govinda, P. Attri, **P.Venkatesu** and P.Venkateswarlu	*Journal of Physical Chemistry B **2013**, 117, 12535-12548.*	3.696
79	The solubility and stability of amino acids in biocompatible ionic liquids	T. Vasantha, A. Kumar, P. Attri, **P. Venkatesu**, R.S. Rama Devi	*Protein and Peptide Letters, **2014,** 21, 15-24.*	1.95
80	Exploring the thermal stability of α-chymotrypsin in protic ionic liquids	Pankaj Attri and **P. Venkatesu**	*Process Biochemistry, **2013**, 48, 462-470.*	2.987
81	Effect of anion variation on the thermophysical properties of triethylammonium based protic ionic liquids with polar solvent	V. Govinda, P. M. Reddy, P. Attri, **P.Venkatesu** and	*Thermochimica Acta **2013**, 556, 75-88.*	2.189

		P.Venkateswarlu		
82	Interruption of hydration state of thermoresponsive polymer, poly(N-isopropylacrylamide) in guanidinium hydrochloride	P. M. Reddy, M. Taha, A. Kumar, **P. Venkatesu** and M. J. Lee	*Polymer, **2013**, 54, 791-797.*	3.766
83	Prevention of Insulin Self-aggregation by Protic Ionic Liquid	A. Kumar and **P. Venkatesu**	*RSC Advances (**Communication**) **2013**, 3, 362-367.*	3.708
84	Influence of anion on thermophysical properties of ionic liquids with polar solvent	V. Govinda, P. M. Reddy, Pankaj Attri, **P. Venkatesu,** P.Venkateswarlu	*J. Chem. Thermodyn. **2013**, 58, 269-278.*	**2.794.**
85	Structural Basis for the Enhanced Stability of Protein Model Compounds and Peptide Backbone Unit in Ammonium Ionic Liquids	T. Vasantha, P. Attri, **P. Venkatesu**, R. S. Rama Devi	*J. Physical Chemistry B **2012**, 116, 11968-11978.*	3.696
86	Water and a protic ionic liquid acted as refolding additives for chemically denatured enzymes	Pankaj Attri, **P. Venkatesu** and Anil Kumar	*Organic & Biomolecular Chemistry **(Communication) 2012,** 10, 7475-7478,**Highlighted on Cover page***	3.696.
87	Effect of structural variations in cation of ionic liquids on the coexistence curve of isobutyric acid and water	Awanish Kumar, P. M. Reddy and **P. Venkatesu**	*New Journal of Chemistry, **2012**, 36, 2266-2279.*	2.605.
88	Influence of Alkyl Chain Length and Temperature on Thermophysical Properties of Ammonium Based Ionic Liquids and Molecular Solvent	T. Kavitha, P. Attri, **P. Venkatesu**, R. S. R. Devi and T. Hofman	*Journal of Physical Chemistry B **2012**, 116, 4561- 4574.*	3.696

89	Influence of biocompatible ammonium ionic liquids on the solubility of L-alanine and L-valine in water	T. Vasantha, A. Kumar, P. Attri, **P. Venkatesu,** R. S. Ramadevi	*Fluid Phase Equilibria, **2012**, 335, 39-45.*	2.197.
90	Ammonium based ionic liquids act as compatible solvents for glycine peptides	T. Vasantha, Pankaj Attri, **P. Venkatesu,** R. S. Ramadevi	*J. Chem. Thermodynamics **2013**, 56, 21-31.*	2.794
91	Influence of temperature on thermophysical properties of ammonium ionic liquids with N-methyl-2-pyrrolidone	T. Kavitha, Pankaj Attri, **P. Venkatesu**, R. S. R. Devi and T. Hofman	*Thermochimica Acta **2012**, 545, 131-140.*	2.181
92	Destruction of hydrogen bonds of poly(N-isopropylacrylamide) aqueous solution by trimethylamine *N*-oxide	P. M. Reddy, M. Taha, A. Kumar, **P. Venkatesu** and M. J. Lee	*J. Chem. Phys. **2012**,136, 234904-234910.*	3.333
93	Polyacrylic acid polymer modulates the UCST - type phase behavior of ionic liquid and water	Awanish Kumar, P. M. Reddy and **P. Venkatesu**	*RSC Advances **2012**, 2, 6939-6947.*	3.708
94	Influence of protic ionic liquids on the structure and stability of Succinylated Con A	Pankaj Attri and **P. Venkatesu**	*International J. of Biological Macromolecules, **2012**, 51,119-128.*	2.608
95	TMAO and sorbitol attenuate the deleterious action of atmospheric-pressure non-thermal plasma jet on α-Chymotrypsin	P. Attri, **P. Venkatesu**, N. Kaushik and E. H. Choi	*RSC Advances **2012**, 2, 7146-7155.*	3.708
96	Temperature dependence measurements and molecular interactions for ammonium ionic liquid with N-methyl-	T. Kavitha, P. Attri, **P. Venkatesu**,	*J. Chem. Thermodyn. **2012**,*	2.794

	2-pyrrolidone	R. S. Rama Devi and T. Hofman	*54, 223-237.*	
97	Ammonium ionic liquids as convenient co-solvents for the structure and stability of succinylated con A	Pankaj Attri and **P. Venkatesu**	*J. Chem. Thermodyn.* ***2012****, 52, 78-88*	2.794
98	Effects of atmospheric-pressure non-thermal plasma jets on enzyme solutions	P. Attri, **P. Venkatesu**, N. Kaushik, Y. G. Han, C. J. Nam, E. H. Choi, K.S. Kim	*J. Korean Phys. Society,* ***2012****, 60, 956-964.*	0.493
99	Effect of polyols on the native structure of **α-**chymotrypsin: A comparable study	Awanish Kumar**,** Pankaj Attri, **P. Venkatesu**	*Thermochimica Acta* ***2012,*** *536, 55-62.*	2.189
100	Influence of polymer molecular weight and concentration on coexistence curve of isobutyric acid + water	P. Madhusudhan Reddy and **P. Venkatesu**	*J. Physical Chemistry B* ***2011****, 115, 12065-12075.*	3.696
101	Thermodynamic contributions of peptide backbone unit from water to biocompatible ionic liquids at T=298.15 K	T.Vasantha, Pankaj Attri, **P.Venkatesu,** R. S. Ramadevi	*J. Chem. Thermodyn.* ***2012****, 45, 122-136.*	2.794
102	Temperature effect on the molecular interactions between two ammonium ionic liquids and dimethylsulfoxide	V. Govinda, Pankaj Attri, **P. Venkatesu** and P.Venkateswarlu	*Journal of Molecular Liquids* ***2011****, 164, 218-225.*	4.5
103	Refolding of urea-induced denaturation of model proteins by trimethylamine N-oxide	Pankaj Attri and **P. Venkatesu**	*Thermochimica Acta* ***2011****, 526, 143-150.*	2.1
104	Temperature dependence measurements and structural characterization of trimethyl ammonium ionic liquid with a	Pankaj Attri, **P. Venkatesu** and T. Hofman	*Journal of Physical Chemistry B* ***2011****, 115, 10086-10097.*	3.696

	highly polar solvent			
105	A protic ionic liquid attenuates the deleterious actions of urea on α-chymotrypsin	Pankaj Attri, **P. Venkatesu**, Anil Kumar and Nolen Byrne	*Physical Chemistry Chemical Physics* ***(Communication) 2011****, 13, 17023-17026.*	4.493
106	Densities and ultrasonic studies for binary mixtures of tetrahydrofuran with chlorobenzenes, chloro toluenes and nitrotoluenes at 298.15 K	P.M. Reddy, K. Sivakumar and **P. Venkatesu**	*Fluid Phase Equilibria,* ***2011****, 310, 74-81.*	2.253
107	Ionic Liquid Modifies the Lower Critical Solution Temperature (LCST) of Poly(*N*- isopropylacrylamide) in Aqueous Solution	P. Madhusudhana Reddy and **P. Venkatesu**	*Journal of Physical Chemistry B,* ***2011****, 115, 4752-4757.*	3.696
108	Thermophysical properties of dimethylsulfoxide with ionic liquids at various temperatures	V. Govinda, Pankaj Attri, **P. Venkatesu** and P. Venkateswarlu	*Fluid Phase Equilibria,* ***2011,*** *304, 35-43.*	2.253
109	Thermodynamic characterization of the biocompatible ionic liquid effects on protein model compounds and their functional groups	Pankaj Attri and **P. Venkatesu**	*Phys. Chem. Chem. Phys.,* ***2011****, 13, 6566-6575.*	4.493
110	Activity and stability of α-chymotrypsin in biocompatible ionic liquids: enzyme refolding by triethyl ammonium acetate	Pankaj Attri, **P. Venkatesu** and Anil Kumar	*Phys. Chem. Chem. Phys.,* ***2011****, 13, 2788-2796.*	4.493
111	Thermophysical contribution of N,N-Dimethylformamide in the molecular interactions with other solvents	**P. Venkatesu**	*Fluid Phase Equilibria,* ***2010****, 298, 173-191.* ***(Review)***	2.253.
112	Temperature effect on the molecular interactions between ammonium ionic	Pankaj Attri,	*J. Phys. Chem B.* ***2010,*** *114, 13415-*	3.696

	liquids and N,N-dimethylformamide	**P. Venkatesu** and Anil Kumar	*13425.*	
113	Trehalose protects urea-induced unfolding of α-chymotrypsin	Awanish Kumar**,** Pankaj Attri, **P. Venkatesu**	*International J. of Biological Macromolecules **2010**, 47, 540-545.*	3.909
114	Measurements and molecular interactions for N,N-dimethyl formamide with ionic liquid mixed solvents	P. Attri, P. M. Reddy, **P. Venkatesu**, A. Kumar and T. Hofman	*J. Phys. Chem. B **2010**, 114, 6126-6133.*	3.696
115	Density and ultrasonic sound speed measurements for N,N-dimethyl formamide with ionic liquids	Pankaj Attri, Reddy, P. M, **P. Venkatesu**	*Indian Journal of Chemistry **2010**, 49A, 736-742.*	0.525
116	The influence of osmolytes and denaturants on the structure and enzyme activity of α-chymotrypsin	Pankaj Attri, **P. Venkatesu** and M. J. Lee	*J. Phys. Chem. B **2010**, 114, 1471-1478.*	3.696
117	Excess molar enthalpies and vapor liquid equilibrium for N-methyl-2-pyrrolidone with ketones	P. G. Kumari, **P. Venkatesu**, T. Hofman and M. V. Prabhaka Rao	*J. Chem. Eng. Data **2010**, 55, 69-73.*	2.196
118	Counteracting effects of trimethylamine N-oxide and betaine on the interactions of urea with zwitterionic glycine peptides	**P. Venkatesu**, M. J. Lee and H. M. Li	*Thermochimica Acta, **2009,** 491, 20-28.*	2.189
119	Osmolyte counteracts urea-induced denaturation of α-chymotrypsin	**P. Venkatesu**, M. J. Lee and H. M. Lin	*J. Phys. Chem. B, **2009**, 113, 5327-5338.*	3.696
120	Excess molar volumes and ultrasonic studies of N-methyl-2-pyrrolidone with ketones at T = 303.15 K	P. G. Kumari, **P. Venkatesu**, M.V. P. Rao,	*J. Chem. Thermodyn. **2009**, 41, 586-590.*	2.631

		M. J. Lee and H. M. Lin		
121	Isobaric vapor-liquid equilibrium for N-methyl-2-pyrrolidone with branched alcohols	P. G. Kumari, **P. Venkatesu**, C. T. Hsieh, M.V. P. Rao, M. J. Lee and H. M. Lin	*J. Chem. Thermodyn.* ***2009,*** *41, 184-188.*	2.631
122	Effect of osmolyte or GdnHCl on volumetric properties of aqueous solutions containing cyclic dipeptides	**P. Venkatesu,** M. J. Lee and H. M. Lin	*Biochemical Engineering Journal,* ***2008****, 38, 326-340.*	3.226
123	Excess molar volumes and ultrasonic studies of dimethyl sulfoxide with ketones at T = 303.15 K	M. Radhamma, **P.Venkatesu**, M.V. P. Rao, M. J. Lee and H. M. Lin	*J. Chem. Thermodyn.* ***2008****, 40, 492-497.*	2.631
124	Isobaric vapor-liquid equilibrium for dimethylsulfoxide with chloro ethanes and chloroethenes	M. Radhamma, C.T. Hsieh **P.Venkatesu**, M.V. P. Rao, M. J. Lee and H. M. Lin	*J. Chem. Eng. Data* ***2008****, 53, 374-377.*	2.631
125	Excess enthalpies of dimethylsulfoxide with substituted benzenes at 298.15 K	M. Radhamma, W. C. Liao, **P.Venkatesu**, M.V. P. Rao, M. J. Lee and H. M. Lin	*Fluid Phase Equilibria,* ***2008****, 264, 23-28.*	2.197
126	Excess enthalpies of dimethyl sulfoxide with chloroethanes and chloroethenes at	M. Radhamma, W. C. Liao,	*Thermochimica Acta,* ***2007****, 465, 1-*	2.189

	298.15 K	**P.Venkatesu**, M.V. P. Rao, M. J. Lee and H. M. Lin	*5.*	
127	Thermodynamic characterization of the osmolyte effect on protein stability and the effect of GdnHCl on protein denatured state	**P. Venkatesu,** M. J. Lee and H. M. Lin	*J. Phys. Chem. B,* ***2007,*** *111, 9045-9056.*	3.696
128	Trimethylamine N-Oxide counteracts the denaturing effects of urea or GdnHCl on protein denatured state	**P. Venkatesu,** M. J. Lee and H. M. Lin	*Archives of Biochemistry and Biophysics,* ***2007****, 466, 106-115****.***	3.017
129	Densities of aqueous solutions containing model compounds of amino acids and ionic salts at 298.15 K	**P. Venkatesu,** M. J. Lee and H. M. Lin	*J. Chem. Thermodyn.* ***2007****, 39, 1206-1216.*	2.631
130	Excess enthalpies and vapor liquid equilibrium data for the binary mixtures of dimethylsulfoxide with ketones	M.Radhamma, **P. Venkatesu**, M. V. P. Rao and D.H.L. Prasad	*J. Chem. Thermodynamics,* ***2007****, 39, 1661-1666.*	2.631
131	Vapor-liquid equilibrium for the binary mixtures of dimethylsulfoxide with substituted benzenes	M. Radhamma, **P. Venkatesu**, T. Hofman and M.V. P. Rao	*Fluid Phase Equilibria,* ***2007****, 262, 32-36.*	2.197
132	Excess volumes and excess enthalpies of N-methyl-2-pyrrolidone with branched alcohols	P.Gnanakumari, **P. Venkatesu**, K. Rama Mohan, M.V. P. Rao, D.H.L. Prasad	*Fluid Phase Equilibria,* ***2007****, 252, 137-142.*	2.197
133	Transfer free energies of peptide backbone unit from water to aqueous electrolyte solutions at 298.15 K	**P. Venkatesu,** M. J. Lee and H. M. Lin	*Biochemical Engineering Journal,* ***2006****, 32, 157-170.*	3.226
134	Polymer modifies the critical region of	**P. Venkatesu**	*J. Phys. Chem. B,*	3.696

	the coexisting liquid phases		***2006**, 110, 17339-17346.*	
135	Excess molar volumes of *N,N*-dimethylformamide + 2-pentanone + alkan-1-ols mixed solvent systems at 303.15 K	**P.Venkatesu,** G. C. Sekhar, M. V. P. Rao, and T.Hofman	*Thermochimica Acta **2006**, 443, 62-71.*	2.189
136	Ultrasonic studies of N,N-dimethyl formamide + cyclohexanone + 1-alkanols at 303.15 K	**P. Venkatesu**, G. C. Sekhar and M. V. P. Rao	*Phys. Chem. Liqs. **2006,** 44, 287-291.*	0.603
137	Effect of polymer chain in coexisting liquid phases by refractive index measurements	**P. Venkatesu**	*J.Chemical Physics **2005,** 123, 024902-024910.*	3.138
138	Volumetric properties of (N,N-dimethylformamide + aliphatic diethers) at temperatures ranging from (298.15 to 358.15) K	**P. Venkatesu,** M. J. Lee and H. M. Lin.	*J. Chem. Thermodyn. **2005,** 37, 996-1002.*	2.631
139	Excess molar enthalpies of dimethyl carbonate with o-xylene, m-xylene, p-xylene, Ethylbenzene, or ethylbenzoate at 298.15 K	P.J. Lien, H.M. Lin and M. J. Lee and **P. Venkatesu**	*J. Chem. Eng. Data **2003**, 48, 110-113.*	2.196
140	Excess molar enthalpies of diethyl carbonate with o-xylene, m-xylene, p-xylene, ethylbenzene, or ethylbenzoate at 298.15 K	P.J. Lien, **P. Venkatesu**, H.M. Lin and M. J. Lee	*Fluid Phase Equilibria **2003**, 206, 105-115.*	2.197
141	Excess molar enthalpies of 1-octanol with ethylbenzene, ethylbenzoate, acetophenone, anisole or methanol at 298.15 K	P.J. Lien, **P. Venkatesu**, H.M. Lin and M. J. Lee	*J. Chem. Eng. Data **2002**, 47, 768-771.*	2.197

142	Excess molar volumes and ultrasonic studies of N,N-dimethylacetamide with substituted benzenes at 303.15K	G.C.Sekhar, **P. Venkatesu**, and M. V. P. Rao	*Phys. Chem. Liqs.* ***2002****, 40, 181-189.*	*0.603*
143	Solid-liquid equilibria of n-alkanes in N,N-dimethylactamide	G.C.Sekhar, **P. Venkatesu**, M. V. P. Rao and T. Hofman	*Fluid Phase Equilibria* ***2002****, 201, 219-231.*	2.197
144	Excess molar volumes and speeds of sound of N,N-dimethylacetamide with chloroehanes and chloroethenes at 303.15 K	G.C.Sekhar, **P. Venkatesu** and M. V. P. Rao	*J. Chem. Eng. Data* **2001**, 46, 377-380.	2.196
145	Excess volumes for binary mixtures of N,N-dimethylformamide and N,N-dimethylacetamide with 2-alkoxy ethanols at 303.15 and 313.15 K	**P. Venkatesu**, and M. V. P. Rao,	*Proc. Nat. Acad. Sci. (India)* ***2000****, 70 (A), 353-359.*	0.754
146	Solid-liquid equilibria of n-alkanes in N,N-dimethylformamide	**P.Venkatesu**, M.V.P.Rao, T.Hofman U.Domanska	*J. Chem. Eng. Data* ***2000****, 45,177-181.*	2.196
147	Excess molar enthalpies of N,N-dimethylformamide with chloroehanes, and acetates at 298.15 K	**P.Venkatesu,** R.S.Ramadevi, M.V.P. Rao and D.H.L. Prasad	*J. Chem. Eng. Data* ***2000****, 45, 515-517.*	2.196
148	Excess molar volumes and speed of sound of ethyl acetate and butyl acetate with 2- alkoxyethanols at 308.15 K	G. C. Sekhar, **P. Venkatesu** and M.V.P. Rao	*J. Chem. Eng. Data* ***2000****, 45,590-593.*	2.196
149	Excess molar enthalpies of N,N-dimethylformamide with ketones at 298.15 K	**P. Venkatesu,** M. V. P. Rao, D.H.L. Prasad and Y.V.L. Ravi Kumar	*Thermochimica Acta* ***1999****, 342, 73-78.*	2.189
150	Ultrasonic velocities and isentropic compressibilities of N,N-dimethyl formamide + Cyclopentanone + 1-alkanols at 303.15 K	**P. Venkatesu** and M.V.P. Rao.	*Indian J. Pure & Appl. Phys.* ***1999****, 37, 591-594.*	0.582
151	Excess volumes and viscosities of	B. B. Goud, **P.**	*J. Chem. Eng.*	2.196

	isomeric xylenes with o-nitrotoluene or m-nitrotoluene at 308.15 K	**Venkatesu** and M.V.P. Rao	*Data **1999**, 44, 731-734.*	
152	Solubility of n-alkanes in ethyl tert-butyl ether	U. Domanska and **P. Venkatesu**	*Polish J. Chem. **1998**, 72, 1981-1993.*	0.513
153	Measurement and correlation of solid-liquid equilibria of 18-crown-6 in alcohols	U. Domanska and **P. Venkatesu**	*J. Chem. Eng. Data **1998**, 43, 919-924*	2.196
154	Excess volumes of (N,N-dimethylformamide + cyclo penta none +1-alkanols) at 303.15 K	**P. Venkatesu** and M.V.P. Rao.	*J. Chem. Thermodynamics **1998**, 30, 207-213.*	2.631
155	Excess volumes and ultrasonic studies of triethylamine with substituted benzenes at 308.15 K	**P. Venkatesu** and M.V.P. Rao.	*Phys. Chem. Liq. **1997**, 34, 213-219.*	0.915
156	Ultrasonic studies of ternary mixtures of N,N-dimethyl formamide + diethyl ketone +1-alkanols	**P. Venkatesu**, R. S. Ramadevi and M.V.P. Rao.	*Acustica-acta acustica **1997**, 83, 157-159.*	1.129
157	Ultrasonic studies of binary mixtures of N,N-dimethylfor mamide with ketones at 303.15 K	**P. Venkatesu** and M.V.P. Rao.	*Indian J. Pure & Appl. Phys. **1997**, 35, 62-64.*	0.582
158	Excess volumes of N,N-dimethylformamide + cyclohexa none +1-alkanols at 303.15 K	**P. Venkatesu** and M.V.P. Rao.	*J. Chem. Eng. Data **1997**, 42, 90-92.*	2.196
159	Excess enthalpies of ethyl acetate and butyl acetate with 2-alkoxyethanols at 298.15 K	D.Venkatesul,**P. Venkatesu** and M.V.P. Rao.	*Fluid Phase Equilibria **1997**, 136, 249-255.*	2.197
160	Viscosities of trichloroethylene or tetrachloroethylene with 2-alkoxyethanols at 303.15 and 313.15 K.	D.Venkatesul, **P. Venkatesu** and M.V.P. Rao.	*J. Chem. Eng. Data **1997**, 42, 365-367.*	2.196
161	Speed of sound and isentropic compressibilities of trichloroethy lene with branched alcohols at 303.15 K	D. Venkatesulu, **P. Venkatesu** and M.V.P. Rao.	*J. Chem. Eng. Data **1997**, 42, 1145-1146.*	2.1
162	Excess volumes and viscosities of	D.Venkatesulu,	*Fluid Phase*	2.1

	trichloroethylene with branched alcohols	**P.Venkatesu** and M.V.P. Rao	*Equilibria **1997**, 128, 241-248.*	
163	Excess volumes of N,N-dimethyl formamide with ketones at 303.15 K	**P. Venkatesu** and M. V. P. Rao	*J. Chem. Eng. Data **1996**, 41, 1059-1060.*	2.1
164	Excess volumes of ternary mixtures of N,N-dimethylformamide + diethylketone+1-alkanols	**P. Venkatesu,** B. B. Goud and M.V.P. Rao.	*Fluid Phase Equilibria **1996**, 120, 205-210.*	2.1
165	Ultrasonic sound velocities and isentropic compressibilities of ternary mixtures of N,N- dimethyl formamide + methyl ethyl ketone +1-alcohols at 303.15 K	**P. Venkatesu**, R. S. Ramadevi and M.V.P. Rao.	*Journal of Pure and Appl. Ultrasonics **1996**, 18, 15-18.*	0.52
166	Isentropic compressibilitiesof binary mixtures of trichloroethy lene or tetrachloroethylene with 2-alkoxyethanols	**P. Venkatesu**, D Venkatesulu, and M.V.P. Rao.	*J. Ind. Council of Chemists **1996,** XII(2), 30-34.*	0.50
167	Excess viscosities of organic liquid mixtures of ethyl actate or butyl acetate with 2-alkoxyethanols	**P. Venkatesu**, G. C. Sekhar and M.V.P. Rao.	*J. Teaching and Research in Chemistry **1996**, 3, 50-55.*	0.340
168	Excess enthalpies of binary mixtures of N,N-dimethylformamide with substituted benzenes	R. S. Ramadevi, **P.Venkatesu**, M.V.P.Rao. and M.Ramakrishna	*Fluid Phase Equilibria **1996**, 114, 189-197.*	2.1
169	Activity coefficients and excess Gibbs free energies of N,N-dimethylformamide with substituted benzenes	R. S. Ramadevi, **P. Venkatesu**, M.V.P. Rao. and M.Ramakrishna	*Thermochimica Acta **1996**, 277, 133-144.*	2.189
170	Viscosities of binary liquid mixtures of N,N-dimethy formamide with substituted benzenes at 303.15 and 313.15 K	R. S. Ramadevi, **P. Venkatesu**, and M.V.P. Rao.	*J. Chem. Eng. Data **1996**, 41, 479-481.*	2.1

171	Excess volumes and viscosities of tetrachloroethylene with branched alcohols at 303.15 K	D. Venkatesulu, **P. Venkatesu** and M.V.P. Rao	*J. Chem. Eng. Data **1996**, 41, 819-820.*	2.1
172	Ultrasonic studies of tetrachloroethylene with branched alcohols at 303.15 K	D. Venkatesulu, **P. Venkatesu** and M.V.P. Rao.	*Phys. Chem. Liqs. **1996**, 32, 127-132.*	0.6
173	Speed of sound and isentropic compressibilities of ternary mixtures of N, N-dimethyl formamide + methyl isobutyl ketone +1-alkanols at 303.15 K	**P. Venkatesu,** R. S. Ramadevi and M.V.P. Rao	*J. Chem. Eng. Data **1995**, 40, 1134-1136.*	2.1
174	Excess volumes 1,1,2,2-tetrachloroethane or tetra chloroehene + 2-chlorotoluene, + 3-chlorotoluene, and + 2-chloro toluene at 303.15 and 313.15 K	B. B. Goud, **P. Venkatesu** and M.V.P. Rao.	*J. Chem. Eng. Data **1995**, 40, 1211-1213.*	2.1
175	Excess volumes of ternary mixtures of N,N-dimethylformamide+ methyl iso butyl ketone + 1-alkanols at 303.15 K	**P. Venkatesu** and M.V.P. Rao.	*Fluid Phase Equilibria **1994**, 98, 173-178.*	2.1
176	Excess volumes of ternary mixtures of N,Ndimethylformamide + methyl ethyl ketone+1-alkanols at 303.15 K	**P. Venkatesu**, D. Venkatesulu and M.V.P. Rao.	*J. Chem. Eng. Data **1994**, 39, 140-142.*	2.1
177	Excess volumes of binary mixtures of triethylamine with aromatic hydrocarbons at 308.15 K	**P. Venkatesu** and M. V. P. Rao	*Fluid Phase Equilibria **1994**, 93, 369-376.*	2.1
178	Ultrasonic studies of binary mixtures of triethylamine with aromatic hydrocarbons at 308.15 K	**P. Venkatesu,** D. Venkatesulu, M. V. P. Rao	*Indian J. Pure & Appl. Phys.**1993**, 31, 818-822.*	0.582

Conference Organization/ Presentations (in the last three years)

(c) Scientific Visits

International

1. As a Visiting Professor, Durban University of Technology, **Durban**, **South Africa**, June 12-24, 2016.

2. As a Visiting Professor, Durban University of Technology, **Durban**, **South Africa**, May 17-23, 2015.

3. As a Visiting Professor, National Taiwan University of Science and Technology, **Taipei, Taiwan**, June 16-July 6, 2013.

4. As a Visiting Professor, Plasma Bioscience Research Center, Kwangwoon University, January 9-16, 2012, **Seoul, South Korea**.

5. University of Kwazulu-Natal (Howard College Campus), School of Engineering, May 21, 2015 (Deliver a Talk).

6. Istituto di Chimica del Riconoscimento Molecolare, CNR, Via Mario Bianco 9, 20131 **Milano, Italy**, May 12, 2014 (Deliver a Talk).

7. Institute of Materials Research and Engineering, **Singapore**, February 25, 2013.

8. School of Chemical and Biological Engineering, Seoul National University, Seoul, South Korea, Jan. 12, 2012 (Deliver a Talk).

9. The University of Alabama in Huntsville, Department of Chemistry, August 6-10, 2006, Huntsville, Alabama, USA (Deliver a Talk).

National

1. Department of Chemistry, Indian Institute of Technology (IIT, Bombay), June 9, 2016.

2. Center for Nano Science and Technology Mahatma Gandhi University, June 24-25, 2009, Kottayam, Kerala, India.

3. SPW Degree & PG College, Department of Chemistry, March 5, 2010, Tirupati, India.

4. Dravidian University, Department of Biotechnology, March 6, 2010, Srinivasavanam, Kuppam, Andhra Pradesh, India.

5. Sri Venkateswara University, Department of Chemistry, March 8, 2010, Tirupati, India.

6. Guru Nanak Dev University, Department of Applied Chemistry, March 15-16, 2010, Amritsar, India.

7. Manipur University, Department of Chemistry, March 29-31, 2010, Imphal, India.

8. Department of Chemistry, Indian Institute of Technology (IIT) Madras, January 4, 2011.

9. Department of Chemistry, Indian Institute of Technology (IIT, Bombay), March 17-18, 2011.

10. Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, July 25, 2012, New Delhi.

16. **Papers Contributions to Academic Conferences**

International

1. International conference on Green methods for separation, purification and nanomaterial Synthesis, April 24-25, 2018, Jain University, Bangalore, **(Invited Talk)**.

2. **3rd International conference on global trends in pure and applied chemical sciences**, December 8-9, 2017, SRM University, Ghaziabad, India **(Invited Talk)**.

3. **19th international of pure & applied biophysics (19th IUPAB congress) and 11th EBSA congress**, **Edinburgh, U. K**, July 16-20, 2017 **(Invited Talk)**.

4. International Conference on Advanced Materials and Technology (ICMAT-16), Sri **Jayachamarajendra College of Engineering, Mysur**, May 26-28, 2016.

5. International Conference on Materials Science & Technology, Department of Chemistry, **University of Delhi, Delhi, India**, March 1-4, 2016 **(Invited Talk).**

6. **6th International Congress on Ionic Liquids (COIL-6)**, **Jeju, South Korea** June 16-20, 2015 **(Oral and Session Chair)**.

7. **3rd Indo-Italian Workshop on Electrochemistry for Energy and Health (IIWEc-2015)**, Department of Chemistry, University of Delhi, India, July 3-4, 2015 **(Invited Talk).**

8. **10th International Conference on Protein Stabilisation** (ProtStab2014), Stresa, Italy, May 7-9, 2014 **(Invited Talk).**

9. **20th ISCB International Conference** (ISCBC-2014), Department of Chemistry, University of Delhi, India, March 1-4, 2014 **(Invited Talk).**

10. International conference on New Dimensions in Chemistry & Chemical Technologies-Applications in Pharma Industry, June 23-25, 2014, Institute of Science & Technology, **Jawaharlal Nehru Technological University, Hyderabad**, India **(Invited Talk)**.

11. **Thermodynamics 2013,** University of Manchester**, Manchester, U.K.** September 3-6, 2013 **(Oral Presentation)**.

12. 1st Annual **International Conference on Chemisrty, Chemical Engineering and Chemical Process (**CCECP-2013), Hotel Fort Canning, **Singapore,** 25-26 February, 2013 **(Invited Talk).**

13. **International workshop on ionic liquids-Alternative being materials for renewable energy and its applications**, January 16-17, 2013, National Chemical Laboratory, Pune, India **(Invited Talk).**

14. Third International Multicomponent Polymer Conference (IMPC 2012, March 23-25, 2012, Mahatma Gandhi University, **Kottayam, Kerala, India (Invited Talk)**.

15. Chemical Constellation Cheminar – 2012 (An International Conference), September 10-12, 2012, **Dr. B R Ambedkar National Institute of Technology**, **Jalandhar, India (Invited Talk)**.

16. **International Conference on Innovations in Chemistry for Sustainable Development**, December 01-03, 2011, Department of Chemistry, Punjab University, Chandigarh, India **(Invited Talk).**

17. **Indo-Brazil-South Africa (IBSA) Workshop on Ionic Liquids,** June 29, 2011, **Department of Chemistry, Durban University of Technology, Durban, South Africa (Invited Talk).**

18. **4th Congress on Ionic Liquids (COIL-4),** June 15-18, 2011**, Hilton Crystal City at Washington, DC, Arlington, USA (Poster presentation)**.

19. **International Conference on Chemistry: Frontiers and Challenges,** March 5-6, 2011, **Aligarh Muslim University, Aligarh, India (Invited Talk).**

20. **7th Asian Biophysics Association (ABA) Symposium** & **Annual Meeting of the Indian Biophysical Society (IBS)**, January 30-February 2, 2011, **New Delhi, India (Poster presentation)**.

21. **21st IUPAC International Conference on Chemical Thermodynamics (ICCT-2010),** July 31-August 6, 2010**, Tsukuba, Japan (Oral Presentation).**

22. **14th ISCB International conference on Chemical biology for discovery: perspectives and challenges**, January 15-18, 2010, CDRI, **Lucknow, India (Invited Talk).**

23. **The joint Biophysical Society 52nd Annual Meeting and 16th IUPAB International Biophysics Congress**, February 2-6, 2008, **Long Beach, California, USA (Poster presentation)**.

24. **2007 Taiwan-US soft materials symposium,** January 4-6, 2007, **Taipei, Taiwan (Poster presentation).**

25. **19th IUPAC International Conference on Chemical Thermodynamics**, **(ICCT-2006)**, July 29-August 4, 2006, **Boulder, CO, USA (Oral Presentation).**

26. **18th IUPAC International Conference on Chemical Thermodynamics**, **(ICCT-2004)** August 17-21, 2004, **Beijing, China (Oral Presentation).**

27. Fourth East Asian Biophysical Symposium (EABS), November 3-6, 2003, **Taipei, Taiwan (Poster presentation)**.

28. 16th Annual Gibbs Conference on Biothermodynamics, September 28-October 1, 2002, Carbondale, **Illinois, USA (Poster presentation).**

29. **International conference and Exhibition on ultrasonics (ICEU-99)**, December 2-4, 1999, pages 263-266, National Physical Laboratory, **New Delhi, India (Oral Presentation)**.

National

1. 12th National conference on organics, metallorganics and thermodynamics (NCOMT – 2017) November 17-18, 2017, Department of Chemistry, Guru Jambheshwar University of Science & Technology, Hisar, India **(Invited Talk)**.

2. Three day National Conference on Innovative perspectives of Chemistry in environment, Pharmacy and Technology (CEPT-2017) and National Convention of Chemistry teachers (NCCT-2017), October 6-8, 2017, Department of Chemistry, Pragati Engineering College, Kakinad, Andhra Pradesh, India **(Invited Talk)**.

3. 104 Indian Science Congress, January, 3-7, 2017, Sri Venkateswara **University, Tirupati**, India **(Invited Talk)**.

4. Short term Course on Advances in Material sciences and Meterial Engineering, August 8-14, 2016, Department of Chemistry, **Dr. B. R. Ambedkar National Institute of Technology, Jalandhar**, India (**Expert Lecture**).

5. National seminar on Advances in polymer science and Technology (Poly-2016), March 9-10, 2016, **Jawaharlal Nehru University, New Delhi, India (Invited Talk)**.

6. 1st Andhra Pradesh Science Congress, January 27-29, 2016, **Sri Venkateswara University, Tirupati, India (oral Talk)**

7. 103rd Indian Science Congress, January, 3-7, 2016, **University of Mysore, Mysur**, India **(Oral Presentation)**.

8. 52nd Annual Convention of Chemists (The Indian Chemical Society), December 28-30, 2015, **Department of Chemistry, JECRC University**, Jaipur, India **(Invited Talk)**.

9. National Conference on ionic liquids for clean energy and environment (ILCEE-2015), December 16-17, 2015, National Chemical Laboratory (NCL), Pune, India **(Invited Talk)**.

10. 10th National conference on Thermodynamics of Pharmaceutical, Chemical and Biological Systems, November 20-21, 2015, Department of Chemistry, **Panjab University, Chandigarh,** India **(Invited Talk)**.

11. Short term Course on Current Opportunities and New Directions in Chemical Sciences and Technology, December 7-13, 2015, Department of Chemistry, **Dr. B. R. Ambedkar National Institute of Technology, Jalandhar**, India (Expert Lecture).

12. 17th CRSI national symposium in Chemistry, February 6-8, 2015, National Chemical Laboratory, Pune (poster presentation).

13. 17th National conference on Surfactants, Emulsions & Biocolloids (NATCOSEB XVII), November 04-06, 2015, Pt. Ravishankar Shukla University, Raipur, India **(Invited Talk)**.

14. National symposium on innovative methods in chemistry education (IMCE-2015) and national convention of chemistry teachers (NCCT-2015), October 8-10, 2015, Lucknow University, Lucknow, India **(Invited Talk)**.

15. 51st Annual Convention of Chemists (The Indian Chemical Society), December 09-12, 2014, **Department of Chemistry, Kurukshetra University**, Kurukshetra, India **(Invited Talk)**.

16. 9th National Conference on Thermodynamics of Chemical, Biological, Environmental and Non-Conventional Energy Systems (TCBNES – 2014), October 17-18, 2014, Department of Chemistry, **Sardar Patel University, Vallabh Vidyanagar, Gujarat,** India **(Invited Talk)**

17. National Seminar on Recent Trends in Chemistry Research – 2014, Department of Chemistry, July 30, 2014, Govt. Degree College, **Kodur, Kadapa (Dist.), Andhra Pradesh**, India **(Keynote Address)**.

18. Advances in Chemical and Environmental Sciences (ACES-2014), February 27-28, 2014, **Arya P G College, Panipat, India (Invited Talk).**

19. National Conference on Recent Trends in Chemical Sciences, January 23-25, 2014, **School of Studies in Chemistry**, **Pt. Ravishankar Shukla University, Raipur**, India **(Invited Talk)**.

20. National Conference on Recent Advances in Chemical Processes – (NCRACP-2013), December 29, 2013, **Department of Chemistry, Sri Venkateswara University**, Tirupati, India **(Invited Talk)**.

21. 50th Annual Convention of Chemists (The Indian Chemical Society), December 04-07, 2013, **Department of Chemistry, Panjab University**, Chandigarh, India **(Invited Talk)**.

22. 8th National Conference on Thermodynamics of Chemical, Biological and Environmental

Processes (TCBEP – 2013), November 25-26, 2013, Department of Applied Chemistry, **Babasaheb Bhimrao Ambedkar University, Lucknow,** India **(Invited Talk)**.

23. Chemical research society of India (CRSI) Mid-year Symposium-2013, July 12-13, 2013, National Institute of Technology Karnataka, Mangalore, India **(Invited Talk)**.

24. 100th Indian Science Congress, January, 3-7, 2013, **University of Culcutta, Kolkata**, India **(Oral Presentation)**.

25. 7th National Conference on Thermodynamics of Chemical, Biological and Environmental Processes (TCBEP – 2012), December 10-12, 2012, **Sri Venkateswara University, Tirupati,** India **(Invited Talk)**.

26. 49th Annual Convention of Chemists (The Indian Chemical Society), December 12-15, 2012, **National Institute of Technical Teachers Training and Research**, Bhopal, India **(Invited Talk)**.

27. 31th Annual Conference of Indian Council of Chemists, December 26-28, 2012, Department of Chemistry, Saurashtra University, **Rajkot**, **India (Invited Talk)**.

28. **Annual Meeting of the Indian Biophysical Society (IBS-2012)**, January 19-21, 2012, University of Madras, **Chennai**, **India (Invited Talk)**.

29. 30th Annual Conference of Indian Council of Chemists, December 28-30, 2011, Department of Chemistry, Osmania University, **Hyderabad, India (Invited Talk)**.

30. 48th Annual Convention of Chemists (The Indian Chemical Society), December 3-7, 2011, **University of Allahabad**, **Allahabad**, India **(Invited Talk)**.

31. 6th National Conference on Thermodynamics of Chemical and Biological Systems, November 2-4, 2011, Maharshi Dayananda University, Rohtak, India (**Invited Talk**).

32. National Seminar on Chemistry and Global Perspectives (CGP- 2011), October 24-26, 2011, **Sri Krishnadevaraya University, Anantapur (A.P.),** India (**Invited Talk**).

33. National Constellation Cheminar, August 20-21, 2011, **Dr. B R Ambedkar National Institute of Technology**, **Jalandhar, India (Invited Talk)**.

34. National Conference on Chemistry in Our Lives, March 29, 2011, **Arya P G College, Panipat, India (Invited Talk).**

35. 3rd National Conference on Recent Advances in Chemical & Environmemtal Sciences, February 28-March 1, 2011, **Multani Mal Modi College, Patiala, India (Invited Talk)**.

36. 98th Indian Science Congress, January, 3-7, 2011, **SRM University, Chennai**, India **(Invited Talk)**.

37. 47th Annual Convention of Chemists (The Indian Chemical Society), December 23-27, 2010, **Pt. Ravishankar Shukla University, Raipur**, India **(Invited Talk)**.

38. 79th Annual Meeting of the Society of Biological Chemists (India), December 13-15, 2010, **Indian Institute of Science, Bangalore**, India **(Poster presentation)**.

39. **5th** National Conference on Thermodynamics of Chemical and Biological Systems, November 18-19, 2010, **Manipur University**, **Manipur**, India **(Invited Talk)**.

40. National Seminar on Membranes, Microemulsions and self-assembled systems (MMASA-2010), September 28-30, 2010, SMIT, Majtar, **Sikkim (Invited Talk)**.

41. UGC-SAP sponsored National symposium on recent trends in chemical sciences, 24-25 February, 2010, **Aligarh Muslim University**, **Aligarh**, India **(Best Oral Presentation award)**.

42. Symposium on recent trends in Biophysics, 13-15 February, 2010, Banaras Hindu University, **Varanasi**, **India (Oral Presentation).**

43. 97th Indian Science Congress, January, 3-7, 2010, **Indian Space Research Organisation & University of Kerala**, **Thiruvananthapuram**, India **(Oral Presentation)**.

44. **4th** National Conference on Thermodynamics of Living and Non-Living Systems, December 17-18, 2009, **D. D. U. Gorakpur University, Gorakhpur,** India **(Invited Talk)**.

45. 3rd National Conference on Thermodynamics of Chemical and Biological Systems, October 16-17, 2008, **Nagpur,** India **(Poster presentation)**.

46. The acoustical Society of India, Special issue of the Proceedings of **National symposium on acoustics(NSA-99),** September 23&24, 1999, **Sivakasi, India (Oral Presentation)**.

47. IX National symposium on ultrasonics, December 14-16, 1998, Pondicherry University, Pondicherry, India **(Oral Presentation)**.

Research Projects (Major Grants/Research Collaboration)

- Completed

1.	DST	High molecular weight polymer behavior in coexisting liquid phases	38.00	2009-2013
2.	CSIR	Protein folding/unfolding by the addition of co-solvents	21.00	2009-2013

3. UGC Effect of polymer chain in the critical region of coexisting liquid phases 12.00 2010-2013
4. DU/DST – Purse Grant Polymer behavior in coexisting liquid phases 10.00 2010-2013
5. CSIR Thermal stability of proteins in the presence of biocompatible ionic liquids 17.00 2013-2016
6. DST Influence of co-solvents on thermoresponsive polymer in aqueous media 38.00 2013-2016
7. DBT Understanding of activity and stability of proteins in nontoxic ionic liquids 40.00 2013-2016

 Ongoing

8. CSIR The attenuating ability of ionic liquids against the thermal, chemical and cold-induced unfolding of proteins 18.00 2017-2020
9. DST The phase transition of thermo-responsive polymer in the presence of proteins as stimuli 40.00 2017-2020
10. DU/DST – Purse Grant 10.00 2014-2017

Awards and Distinctions

1. **Professor S. S. Katiyar Endowment Lecture award** 2016-2017 from the **Indian Science Congress Association**, India
2. **Bronze Medal – 2017** received from Chemical research Society of India (**CRSI**), Bangalore
3. **Fellow** of **Andhra Pradesh Akademi of Sciences**, 2013
4. **Professor Suresh C. Ameta Award** received from **Indian Chemical Society**, India, **2013**
5. **Best Research paper presentation award** received from Global Science and Technology Forum (GSTF), 1st Annual International Conference on Chemisrty, Chemical Engineering and Chemical Process (CCECP-2013), Singapore, 25-26 February, **2013**
6. **Dr. Arvind Kumar memorial award** received from **Indian Council of Chemists**, India, 2011
7. **Best paper presentation award** by UGC-SAP sponsored National symposium, Muslim University, Aligarh, 2010
8. **Fast Track Young Scientist** project awarded by **DST**, New Delhi, September 2006
9. **Research Associateship** awarded by **CSIR**, New Delhi, India, January 1995
10. **University Merit Fellowship, 1990**

Association With Professional Bodies

Reviewing

Reviewer of J Phys Chem B, J Chem Phys, J Chem Thermodynamics, FEBS, Fluid Phase Equilibria, J Molecular Liquids, protein-peptide letters, PCCP, J. Soln. Chem, International Journal of Biological Macromolecules

Committees and Boards

Committee of Courses for Post-Graduate including Honors Courses

Memberships

- Member in **American Chemical Society**
- Member in **Royal Society of Chemistry**
- Life member in **Indian Chemical Society**
- Life member and **Executive Member** in **Indian Thermodynamics Society**
- Life member in **Indian Science Congress**
- Life member in **Indian Biophysical Society**
- Life member in **Indian Society for Surface Science and Technology**
- Life member in **Indian Council of Chemists**
- Life member in **Ultrasonics Society of India**
- Life member in **Society of Biological Chemists (INDIA)**

Other Activities

1. Member of the Editorial Board of the **Journal of Molecular Liquids**, **Impact factor:** 3.648
2. Member of the Advisory Board of the **Journal of Chemical Thermodynamics, Impact factor:** 2.726
3. Member of the Editorial Board of **International Journal of Chemistry, Impact factor:** 0.921

Meetings Organized:

Convener, 9th PAC meeting on Biochemistry, Biophysics, Molecular Biology and Microbiology sponsored by DST, New Delhi, during 11 & 12 April, 2014

Administrative Experience

- Convener, Physical Chemistry Section 2010-2011(One year)
- Member, Departmental Research committee 2010-2012 (Two years)
- Convener, Seminars organizing committee 2013-2015 (Two years)
- Member, Departmental Research committee 2015-till date

- ❖ Member, Member Faculty of Science 2014-till date
- ❖ Member, Board of Research Studies (Sciences) 2015-till date
- ❖ Deputy Superintendent For M. Sc Chemistry
  I & III semesters theory examinations 2015

Signature of Faculty Member