

New Associate Editor

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Ranjit K. Verma

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Ranjit Kumar Verma is presently the Secretary of the International Confederation for Thermal Analysis and Calorimetry (ICTAC). He has been working as Professor of Inorganic and Analytical Chemistry since 1993 at the University Department of Chemistry of Magadh University, Bodh Gaya (India) in which he joined in 1983 as a Lecturer after teaching undergraduate Chemistry students of H. D. Jain College, Ara (now VKS University) for 6 years. Sponsored by the Department of Science and Technology, Govt of India under their FIST Programme, his Department is also supported by the University Grants Commission(UGC) of India under latter's BSR Scheme. Soon after being appointed as a Reader in 1986, he formed a Thermal Group and has been active in this field since then. He has also been popularizing this field in the region by way of delivering lectures at Chemistry conferences and

at Refresher Courses which are organized at different universities in India by UGC for College and University teachers. He has also been organizing Symposia on Applications of Thermal Analysis and Calorimetry (SATAC) and is Vice President of the Indian Thermal Analysis Society. His research interests are in applications of thermal analysis including calorimetry, thermodynamics and solid state kinetics. He has presented 69 papers at national and international conferences which include invited lectures and presidential addresses and has been reviewer for over two dozen journals which include J Therm Anal Calorim, J Indian Chem Soc, Indian J Chem, Sensor Lett, Spectrochim Acta, Natl Acad Sci Lett, AJES, The Chemist, Pesticide Biochemistry and Physiology, J Saudi Chem Soc and Arab J Chem. He has earlier served as Regional Editor of J Therm Anal Calorim and has acted as its Guest Editor for its SATAC Spl issues.

Prof. Verma (M.Sc., Ph.D.) has been an author for the Chemistry text book for the senior secondary students (NCERT—the main body for curriculum and text book development for school students in India) and also for the e book on Inorganic Chemistry developed under the National Science Digital Library project of the Council of Scientific and Industrial Research (CSIR, Govt of India) for undergraduate students. He was the Chair of the Verma Committee for Educational and Administrative reforms which suggested wide ranging curricular reforms in his university. He has been

- The International Chairman, ICTAC Education Committee (2008–2012); Also Councilor & India's Representative, ICTAC (2004–2006)
- Member, International Scientific Awards Commission, ICTAC (2008)

- India's Representative, International Planning Committee (IPC), Int'l Conf. of Coordination Chemistry (ICCC) 97, 98
 - The Hony. Editor (Inorganic and Analytical), J. Indian Chem. Soc. (2007–2010)
 - Associate Editor, J. Indian Chem. Soc. (1995–1996; 1999–2000)
 - Scientist-in-Charge (Sectional President), Inorganic Chemistry Section, Indian Chemical Society, 37–39th Annual Conventions of Chemists (Haridwar, Jodhpur and Nagarjuna nagar, India, 2000–2002); Actg. Scientist I/c, Analytical and Envir. Chem. Section, 40th Annual Convention of Chemists, Jhansi 2003. Also, Executive Council Member, Indian Chemical Society (1997–1999, 2003–2005, 2011–2013)
 - Sectional President, Inorganic Chemistry Section, 22nd Annual Conference of Indian Council of Chemists (IIT, Roorkee, 2003)
 - Vice President, Indian Council of Chemists (2004–2008, 2009–2014)
 - Member, Council (2008–2011) and Member, Executive Committee, Indian Science Congress Association (ISCA) (2006–2007, 2011–2012, 2013–2014)
 - Vice President, Indian Association of Chemistry Teachers, ACT (2007–2010)
 - Convener, Bihar Academy of Sciences, BCST, Dept. of S & T, Govt. of Bihar (2012–2013)
 - Chairman, SATAC-2010, SATAC-2011
- His representative publications include:
1. Singh RK, Yadav A, Narayan A, Singh AK, Verma L, Verma RK. Thermal, structural and magnetic studies on chromite spinel, synthesized by citrate precursor method and annealed at temperature 450 °C and 650 °C. *J Therm Anal Calorim.* 2012;107:197–204.
 2. Singh RK, Yadav A, Narayan A, Chandra M, Verma RK. Thermal, XRD and magnetization studies on $ZnAl_2O_4$ and $NiAl_2O_4$ spinels, synthesized by citrate precursor method and annealed at temperature 450 °C and 650 °C. *J Therm Anal Calorim.* 2012;107:205–10.
 3. Singh RK, Narayan A, Prasad K, Yadav RS, Pandey AC, Singh AK, Verma L, Verma RK. Thermal, structural, magnetic and photoluminescence studies on cobalt ferrite nanoparticles obtained by citrate precursor method. *J Therm Anal Calorim.* 2012;110:573–80
 4. Verma RK, Verma L, Ranjan M, Verma BP, Mojumdar SC. Thermal analysis of 2-oxocyclopentanedithiocarboxylato complexes of iron(III), copper(II) and zinc(II) containing pyridine or morpholine as the second ligand. *J Therm Anal Calorim.* 2008;94:27–31.
 5. Verma RK, Verma L, Bhushan A, Verma BP. Thermal decomposition of complexes of cadmium(II) and mercury(II) with triphenylphosphanes. *J Therm Anal Calorim.* 2007; 90:725–9.
 6. Verma RK, Verma L, Chandra M. Thermoanalytical studies on the non-isothermal dehydration and decomposition of DL-lactates of a series of transition metals. *Indian J Chem.* 2003;42A:2982–7.
 7. Verma RK, Verma L, Chandra M, Verma BP. Kinetic parameters of thermal dehydration and decomposition from thermoanalytical curves of zinc DL-lactate. *J Indian Chem Soc.* 1998;75:162–4.
 8. Verma RK, Hill JO, Niinisto L, Mojumdar SC, Kumar DD. A curriculum framework for education in thermal analysis. *J Mater Educ.* 2012;34:133–50
 9. Verma RK, Hill JO, Niinisto L, Mojumdar SC, Kumar DD. A curriculum framework for education in calorimetry. *J Mater Educ.* 2012;34:161–74