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EDUCATION

Ph.D. - Rayalaseema University, Kurnool, India – December, 2017

M.Tech.–Atmospheric Science - Sri Venkateswara University, Tirupati, India – April 2002

M.Sc. – Physics - Sri Krishnadevaraya University, Tirupati, India – April 2000

B.Sc. – Physics - Sri Venkateswara University, Tirupati, India – April 1998

EXPERIENCE

2009 – Till Date – Swire Coca Cola USA

2009 – 2017 – Rayalaseema University

List of Publications

1. *Study of intermolecular interactions in binary mixtures of 2-methylaniline with isomeric Chlorotoluenes at various temperatures*
Muvva Raghavendra, E. Kalavathi, A. Venkatesulu
Asian Journal of Chemistry. Vol. 29, No. 12 (2017), 2597-2604
2. *Electron releasing effect on the thermodynamic and transport properties of liquid mixtures at various temperatures*
Muvva Raghavendra, A. Venkatesulu, K. Sambasiva Rao, P. Venkateswarao
IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 10, Issue 7 Ver. I (Jul. 2017), PP 12-27.
3. *Studies on associated solutions: Evaluation of thermodynamic parameters of blends of 2-methylaniline and substituted ethanol at various temperature*
Muvva Raghavendra, A. Venkatesulu, M. Gowrisankar
Journal of Chemical Thermodynamics, Elsevier (Under Review Ref: JCT-17-145).
4. *Inductive / Mesomeric effect on molecular interactions in binary mixtures of the 2-methoxyaniline and mono substituted benzene derivatives at various temperatures*
Muvva Raghavendra, E. Kalavathi, A. Venkatesulu, K. Chandra Sekhar Reddy
Research Journal of Chemistry and Environment, (Under Review Ref: RJCE-17-0074).

5. *Excess molar volumes, speeds of sound and viscosities for binary mixtures of 2-methylaniline with selected di- and tri-Chloro substituted benzene at various temperatures - Comparison with Prigogine-Flory-Patterson theory*
Muvva Raghavendra, A. Venkatesulu, M. Gowrisankar
ARPN Journal of Engineering and Applied Sciences VOL. 12, NO. 21, NOVEMBER 2017
ISSN 1819-6608
6. *Density Functional Theory study of hydrogen bonding interaction in 2-methylaniline with some carboxylic acid complexes*
Muvva Raghavendra, E Kalavathi, A. Venkatesulu, M. Gowrisankar
Oriental Journal of chemistry (Under Review-OJC-11274-17)
7. *Excess thermodynamic properties in binary mixtures of 2-methoxy aniline with acetophenone and cyclic ketones at various temperatures*
Muvva Raghavendra, A. Venkatesulu, M. Gowrisankar & M Chandrasekhar
Indian Journal of Advances in Chemical Sciences (Accepted for Publication with manuscript No: IJACS-386).