

Personal Profile

Name : Monalisa Das

Designation : Junior Lecturer in Chemistry.

Date of birth : 8th July, 1983

Date of Joining: 22nd January 2015

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Academic Profile

- **Ph.D (Chemistry): 2013** : Ravenshaw University
Topic: Ion-Solvent Interaction of Transition metal complexes in binary solvent systems
- **M. Phil (Chemistry) : 2010** : Utkal University, Bhubaneswar.
- **M. Sc. (Chemistry, Physical Special) : 2006** : Ravenshaw Auto. College, Cuttack

Teaching Experiences

- Working as a Guest Lecturer in Ravenshaw University from 01/09/2012 to 21/01/2015.
- Worked as a Lecturer in B. B. College, Chandikhole from 17/09/2007 to 22/03/2011 .

Area of Specialization and teaching : Physical Chemistry & Inorganic Chemistry.

Research Publications : 7

List of Papers Published in referred Journals

- **M. Das, S.P. Das, A. K.Patnaik**, Ultrasonic behaviour of chloroquine in aqueous solution of acetic acid at 298.15 K. *International Journal of Science and Research*. ISSN No-2319-7064, 2015.
- **M. Das, S.P. Das, A. K.Patnaik**, Ion-solvent interaction of cobalt complexes of levofloxacin and their pharmaceutical study, *Chemical science review and letters*, **3** , 454-461, 2014.
- **M. Das, S.P. Das, A. K.Patnaik**, Acoustic and volumetric properties of aqueous solution of levofloxacin nickel complexes at 308K . *International Journal of Advanced Chemistry*, **2**, 66-69, 2014.
- **M. Das, S.P. Das, A. K.Patnaik**, Molecular Interionic Interaction studies of Benzimidazolium Dichromate and 2-Methyl imidazolium Dichromate in water and DMSO+water at different temperatures. *Journal of Physical Science*, **24(1)**, 37-50, 2013.

- **M. Das, S.P. Das, A. K.Patnaik**, Acoustic behaviour of sodium nitroprusside in aquo-organic solvent media at 308.15K. *Journal of Chemistry*, 2013, Article ID 942430, 10, 2012.
- **M. Das, S.P. Das, A. K.Patnaik**, Densities and viscosity measurement of $K_3[Cr(C_2O_4)_3] \cdot 3H_2O$ in water, methanol-water, isopropanol-water and DMSO-water at 303.15K., *African Journal of Scientific Research*, **8**, 381-388, 2012.
- **M. Das, S.P. Das, A. K.Patnaik**, Ultrasonic studies of *cis & trans* $K[Cr(C_2O_4)_2(H_2O)_2] \cdot 3H_2O$ in ethylene glycol+H₂O, CH₃OH+H₂O and 2-propanol+H₂O at 298.15 K., *International Journal of Teaching and Research*, **18**, 31-41, 2011.

Extra-curricular activities : Nil

National and International conferences attended/ Paper Presented :

Name of the conference	Name of the paper presented	Place of Conference	Date of conference
Twentieth National Symposium on Ultrasonic	Acoustical behaviour of <i>trans</i> $K[Cr(C_2O_4)_2(H_2O)_2] \cdot 2H_2O$ in ethylene glycol-water, methanol-water and isopropanol-water at 298.15K.	Ravenshaw University, Cuttack	24 th -25 th Jan 2014
National Seminar & 27 th Annual conference of OCS on Chemistry in the 21 st century.	Molecular interaction study of sodium nitroprusside in aquo organic solvent media.	Modern Engineering & Management studies, Balasore	14 th -15 th Dec 2013
UGC sponsored National conference & OCS on Chemistry of organometallics and its application to society	Volumetric behaviour of benzimidazolium dichromate in water and DMSO-water medium	Salipur college, cuttack	14 th -15 th Sept 2013
26 th Annual conference of OCS & National Seminar on Chemistry in Technology	Ion-solvent interaction of metal complexes of levofloxacin and their pharmaceutical study.	Ravenshaw University, Cuttack	8 th -9 th Dec 2012
99 th Indian Science congress	Densities & viscosity measurement of $K_3[Cr(C_2O_4)_3] \cdot 3H_2O$ in water, methanol-water, isopropanol-water at 303.15 K (Poster)	KIIT University Bhubanswar	3 rd -7 th Jan. 2012
National conference on Molecule	Densities & viscosity measurement of $K_3[Cr(C_2O_4)_3] \cdot 3H_2O$ in water, methanol-water, DMSO-water at 303.15 K.	School of chemistry, Sambalpur University	24 th -26 th Dec 2011
UGC- national Seminar on Recent trends in chemical sciences & Technology	Synthesis and characterisation of metal complexes of Mn(II), Fe(II) and Ni(II) with tridentate schiff bases.	P.G. Dept. of chemistry, Khalikote auto. college, Berhampur	29 th -30 th March 2011

National conference on Co-ordination chemistry and its application	Study of partial properties & viscosity parameters of cis-K[Cr(OX) ₂ (H ₂ O) ₂]2H ₂ O in aq. medium wrt Ion-solvent interaction.	P.G. Dept. of chemistry, utkal University	25 th March 2009
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Name of the conference (Attended)	Place of Conference	Date of conference
UGC Sponsored national seminar on Modern Chemical Approaches on Organic Synthesis, Drug Design & Developement	P.G. Dept. of chemistry, Khalikote auto. college, Berhampur	8 th -9 th Nov 2014
National seminar on Material Chemistry & Catalysis	North Orissa University, Baripada	26 th -27 th March 2014
International Conference on Recent Trends in Organometallic compounds & their industrial Applications	KIIT University, Bhubaneswar	5 th -6 th Feb 2013
UGC sponsored National conference on Environmental Management: The need of the Hour	Kendrapara (Auto.) college, Kendrapara	21 st -22 nd Jan 2012
UGC sponsored National Seminar on Plastic pollution in sea: A serious threat to the aquatic Biota & Biodiversity	S.N college, Rajkanika	20 th -21 st Jan 2012
UGC sponsored National conference on Plastic waste: A global Enviromental threat & its minimization	B.B Mohavidyalaya, chandikhole	10 th -11 th Jan 2012
SCAPP-2010, Autum School on Chemistry & Physics of Plasmas	Ravenshaw University, Cuttack	27 th -30 th Oct 2010

Books Published (if any)

: Nil

Others things (if any)

- : (1) Guided two projects of graduation level at Ravenshaw University.
(2) Presented two talks at All India Radio on “Chikitsa Bigyanare Ultrasonic” & “Adhunika Yugare Polymer”.