

CURRICULAM -VITAE

Dr. Sanjay Ghosh

Department of chemistry
Govt. N.P.G. College of Science
Raipur(Chhattisgarh) 492010.
drsajayghosh@yahoo.com
Mobile No.- 7587362526.



Designation

Asst.Professor (Physical Chemistry)
Department of Chemistry, Govt.NPG College of Science, Raipur, C.G.

Area of Interest

Physical Chemistry, Environmental Science and Bio-Chemistry.

Qualification

M.Sc. and PhD. (Electro-Chemistry and Thermodynamics)

Teaching Experience:

25 years Undergraduate classes
12 years Postgraduate classes

Senior Scale:

Upgraded into senior scale on October 1998.

Selection Grade:

Upgraded into Selection grade on October 2002.

Orientation Course Attended:

ASC Rani Durgawati University,Jabalpur.April,1995.

Refresher Course Attended:

- CPDHE(LOW COST),Delhi University,New Delhi,March,1995.
- ASC,Dr. Harisingh Gour University,Sagar,Jan. 1999.
- SSCU,IISC,Banglore,Feb. 2001

International Journal:

- Thermodynamic First dissociation constant of amino acid in dioxin-water mixture by potentiometric method , Internatiol Journal of Engineering Research & Techonology, ISNCESR-2015 pp 38-41.Conference Proceeding.
- Study of activity coefficient of Hydrochloric acid in 2-propanol-water mixture by Electromotive force measurement method,Phys. Chem. Res., Vol. 2,No. 1,XXX, June,2014 ,Iranian Chemical Socity,Iran.
- Study of water quality index assessment of ground water and pond water Sirsakala village of Bhilai-3,Chhattisgarh, India,Vol. 3, issue5, Dec. 2013,pp 63-74,Trans Steller,IJCEIERD,USA.
- Physico-Chemical paremeters with their remedies of ground water sample of Berla Tehsil of Durg district Chhattisgarh India,Vol 2,No. 2,p.332-345,May 2013,International Journal of Green and Herbal Chemistry,Codoen,USA.
- Charging and discharging of Lead acid Batteries:Vol 4,No.- 14.2012pp 198-200,ISSN No. 0975-282X Lab to Lands International Journal,Raipur.
- A Comparative Study of Noise Pollution in some cities of India, ISNCESR'16, ISSN No-2319-7064,p.p.425-427,March2016,India.

Lifetime Member :

- Indian Council of Chemistry,(LF/1217),Agra.
- Indian Chemical Society, (LF/6917), Kolkata.
- Indian Science Congress Association, (L/12898),Kolkata.
- Sodh-Upkram, Chhattisgarh Sodh Sansthan, Raipur.
- "Resonance" Indian Academic of Science, Bangalore.
- "Journal of Chemistry and Environment", Bhopal.
- "Lab to Lands International journal",Raipur.

Books Published:

Ugbodh Chemistry (Solution of Numerical problem) Class XII, Ugbodh Prakashan,Raipur.

Project:-

Thermodynamic of Amino acid in some Aqua-organic mixture, Minor Research Project (1998-2000) from UGC, CRO, Bhopal.

National/International Conference/Seminar/Symposium:

Presentation-

- Assessment of Noise Pollution in Raipur City, Central India and Its Impact on Human Health, 3rd International Seminar, 24-25th March, PARAS, 2017, Durg.
- Study of Thermodynamics of HCl in Glycol Water Mixture by Electromotive Force Measurement Method, 3rd International Seminar, 24-25th March, PARAS, 2017, Durg.
- Estimation of Heavy Metals from Industrial Effluents in Raipur region by Spectrophotometric Method, National seminar sponsored by department of higher education, Govt. of Chhattisgarh, 15-16 February 2017, Govt. J. Yoganandam Chhattisgarh College, Raipur.
- A Comparative Study of Noise Pollution in Cities of India, 2nd International Seminar, 17-18th March, PARAS, 2016, Durg.
- Thermodynamic First Dissociation Constant of amino acid in dioxin-water mixture by Potentiometric method, International Seminar, 21-22th March 2015, Durg.
- Thermodynamics 2nd Dissociation Constant of amino acid in dioxane-water mixture solution by Conductive method, 2nd National Conference, 7-8th March 2014, Durg.
- A study of generation of electricity by the use of solid waste in Sirsakala village in Chhattisgarh, p.108, 3-7th Jan 2013, The 100th Celebration session of the ISC, Kolkata.
- Application of Mathematics and biology in Vibrational Spectroscopy, p.26, 12-14th Oct 2012, Govt. NPG College of Science, Raipur.
- Overview of Climate change and its impact on biodiversity, p.3, 11-12th Oct 2012, Govt. D.B. Girls P.G. Autonomous College Raipur.
- Study of thermodynamics of Hydrochloric acid in Glycol-Water mixture by E.M.F measurement method, p.250, 26-27th Dec 2012, XXXI Annual Conference of ICC Rajkot.
- A study of molar conductivity of N-Bromo Succinamide in 2-Butanol and water mixture solution, p.216, 28-30th Dec 2011, Osmania University, Hyderabad.
- A study of sorption of Congo Red from aqueous solution of soil (Dharsiwa block) Raipur City. P.41, 18-19th Nov. 2011, Kalyan P.G. College Bhilai, Durg.
- An Evaluation and analysis of Traffic level in Raipur City, Chhattisgarh State, India. p. 40, 18-19th Nov. 2011, Kalyan P.G. College Bhilai, Durg.
- Greenhouse technology is a dynamic environmental control tool for Chhattisgarh", p.5 9 12-13th Jan. 2011, Govt. GNA P.G. College, Bhatapara, Raipur.

- A study of drinking water quality of rain water harvested in Ferro cement tanks in Raipur district, Chhattisgarh. p. 12,27-28th Feb.2009, Govt.Bilasa Girls Autonomous P.G. College, Bilaspur.
- EUGENIA JAMOLANA: A drug from Jamun seed for Diabetes and Gastric Ulcer mellitus. p. 14. 17-18th Oct. 2008, Govt. NPG College of Science, Raipur.
- Application of Nanomedicine from drug delivery. p. 26. 17-18th Oct.2008 NPG College of Science, Raipur.
- CAPSAICIN- A wonderful drugs from Chilli. p. 13. 17-18th Oct. 2008 NPG College of Science Raipur.
- Thermodynamic of Hydrochloric acid in Methanol-Water mixture. p. 73, 79th Indian Science Cong. Part-III, 1992, Baroda.
- Thermodynamic of Hydrochloric acid in 2- Propanol-Water mixture. p.145. 77th Ind. Sc. Cong, Part III, 1990, Cochin.

Participation:

- Workshop organized by RUSA From 20-24th June 2017,at Govt NPG College of Science Raipur.
- National Seminar on Quality Education from 27-28th November,2015,Organised by IQAC, Govt NPG Science College Raipur.
- Workshop organized by RUSA From 23-27th June 2015,at Govt NPG College of Science Raipur.
- National level short term training programme (NCA-2014) 1-5th Dec.2014.
- Non polluting energy sources and nuclear disaster in national level symposium on 24th April 2012, CGCOST, at Govt. NPG college of Science,Raipur (Participation as a Treasurer).
- 47th Annual Convention of Chemistry, 2010. International Conference on Recent Advances in Chemical Science, 23-27th, Dec.2010; Pt. RSU, Raipur.
- National Science day 28th Feb.1998, MAPCOST, Pt. RSU, Raipur.
- National Seminar on Gramin Vikas aur Siksha Feb.22-23th 1991, R.L.S.Y, College, Bakhtiarpur, Patna.

National Journal:

- Thermodynamics of Hydrochloric acid in Methanol-Water mixture by Electromotive force Measurements .Vol.29,No. 1& 2,2012,pp 44-50,Journal of Indian Council of Chemists,Agra.
- Green Technology:A Dynamic Environmental Management Tool,p.24,Edition 33 April 2012,Sodh-Upkram, Raipur.
- A study of some heavy metals in Breast cancer in the female of Chhattisgarh,p.35,Edition 33 April; 2012,Sodh-Upkram, Raipur.
- Arsenic poisoning in Ground: - A review in Chhattisgarh and West Bengal. p.24 Edition 27th Oct. 2008, Sodh-Upkram, Raipur.
- Dust pollution in Chhattisgarh:- A study on Bhatapara City. P.34. edition 27th Oct. 2008, Sodh-Upkram, Raipur.

Academic counselor:

Orientation Programme for Academic Counselor's IGNOU,Regional Center, Raipur, Nov.2012.

Workshop Attended:

National level short term training programme on Nanno-Material: Characterisation and Application (NCA-2014),1-5 Dec2014,NIT,Raipur.

Organising Secretary

Workshop organized by RUSA on "Road Map of Quality Enhancement", 21st June 2017,at Govt NPG College of Science Raipur.

Research Guide:

Letter no:4592 ,Dated 01.08.2017,Chemistry,Pt.Ravishankar University.

Desertation work:

MATS University,Ref. No.:MU/MSBCS/MSC/PROJECT/2018/CH54 ,Dated:27/03/2018.

Examination Section:

- a) Assistant Controller:Letter No.1193/2015,Dated:07/05/2015.
- b) Deputy Controller: Dated:01/02/2018 to till date.

Signature