

Resume

NAME & ADDRESS: **Dr.Swastika N. Das**
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ACADEMIC BACKGROUND:

Qualification	Name of the university	Subject	Month & year of passing	Division	Percentage of marks obtained
Ph.D	Sambalpur University, Odhisa	Chemistry	1998		
M.Phil	-do-	Chemistry	1993	A+	
M.Sc.	-do-	Chemistry	1990	1st class 2 nd in the University	70.3
B.Sc. (Honors)	-do-	Chemistry (Hons) Physics, Mathematics	1988	1 st class with Distinction	66.6 in Chemistry (hons.)

PROFESSIONAL EXPERIENCE:

S.No	Name of the post	Name of the employer	From	To	Nature of job
1.	Professor	BLDE Association's V.P.Dr.P.G.Halakatti College of Engineering & Technology, Vijayapur	2009-	till date	Teaching & Research
2.	Assistant Professor	--do-	2004 March	2009 March	Teaching & Research
3.	Lecturer	-do-	2000 oct	2004 March	Teaching & Research
4.	Lecturer	Secab's ARS Inamdar Arts, Science, Commerce College for Women, Vijayapura.	July 1998	December 1999	Teaching

Research Experience:

- Worked as *Jr. Research Fellow* in the U.G.C. Project leading to Ph.D in Chemistry in Sambalpur University, Orissa from 1992 to 1996 (**04 years**)
- Worked as *Co-Investigator* in DRDO Research Project on Metal Toxicities (2004-2008).
- Recognized guide of VTU, Karnataka. Presently guiding two students for Ph.D.

Area of Research Interest: Medicinal Chemistry, Chemical Kinetics and Metal Toxicity.

Membership of Professional Bodies:

- Life member of Orissa Chemical Society. Membership No: LM663/05
- Life member of Society of Technical Education (ISTE), New Delhi, with membership ID: LM41971
- Member, Indian Science Congress Association.

Professional Responsibilities:

- Teaching Engineering Chemistry for last 18 years in BLDEA's V.P. Dr. P.G.Halakatti College of Engineering and Tech., Vijayapura, Karnataka, India.
- **Head of the Department of Chemistry** since 1st October 2008 till this date.
- **Member, Board Of Examiners** (Chemistry), VTU Belgaum (2015-16)
- **Member, Curriculum Committee, BLDE Deemed to be University, Vijayapur.**
- **Editor-in-Chief for College e-bulletin and yearly news bulletin news@bldeacet**

Reviewer of the following Journals:

- International Journal of Endocrinology (Hindawi)
- 3-Biotech (Springer)
- BLDE University Journal of Health Sciences (Wolters Kluwer)

SCIENTIFIC RECORDS:

→h-Index: 8 (Google Scholar)

→Citations: 622 (Google Scholar)

List Of Publications:

1. Teradale AB, Lamani SD, Ganesh PS, Swamy Kumara BE, **Das SN**. CTAB immobilized carbon paste electrode for the determination of mesalazine: A cyclic voltammetric method. *Sensing and Bio-Sensing Res* **2017**; 15, 53-59 [SCOPUS/ THOMSON REUTERS]
2. Teradale AB,, Lamani SD, Ganesh PS, Kumara Swamy BE, **Das SN**. Niacin Film Coated Carbon Paste Electrode Sensor for the Determination of Epinephrine in Presence of Uric Acid: A Cyclic Voltammetric Study. *Analytical Chemistry Letters* **2017**; 7 (6), 748-764 [SCOPUS]
3. A. B. Terdale, Shekappa Lamani, **Swastika N Das**. Spectrophotometric Study of Osmium (VIII) Catalyzed Oxidation of Carbamazepine by Permanganate Ions in Aqueous Acidic Medium: A Kinetic and Mechanistic Approach. *J Adv Chem Sci* **2016**; 2 (2), pp. 261-266.
4. Teradale AB,, Lamani SD, Ganesh PS, Kumara Swamy BE, **Das SN** . Electrochemical Sensor for the Determination of Paracetamol at Carbamazepine Film Coated Carbon Paste Electrode. *Zeitschrift für Physikalische Chemie* **2017**; <https://doi.org/10.1515/zpch-2017-0992> [**IF-1.346**] [SCOPUS/ THOMSON REUTERS]
5. Chadchan KS, **Das SN**, Jargar JG, Das KK. A comparative study on Anti-diabetic effects of aqueous *Trigonella foenum graecum*, *Hibiscus cannabinus* Linn, and *Cicer arietinum* extracts on Alloxan induced Diabetic Male Albino Rats. *J Young Pharm.* **2017**; 9(2):230-3. [SCOPUS/THOMSON REUTERS].
6. Das KK, Chadchan KS, Reddy RC, Biradar MS, Kanthe P, Patil BS, Ambekar JG, Bagoji IB, **Das S**. Effects of some indigenous plants of north Karnataka (India) on cardiovascular and glucose regulatory systems in diabetic rats. *Cardiovasc Heamatol Agents Med Chem* **2017**; DOI: 10.2174/1871525715666170712121347 [PUBMED/SCOPUS/ THOMSON REUTERS]
7. Teradale AB, Lamani SD, **Das SN**. Spectrophotometric study of Osmium (VIII) Catalysed Oxidation of Carbamazepine by Permanganate Ions in Aqueous Acidic Medium: A Kinetic and Mechanistic Approach *J Adv Chem Scie* **2016**; 2(2) : 261-266

8. Ugran V, Desai N, Chakraborti D, Masali KA, Mantur P, Kulkarni S, Deshmukh N, Chadchan KS, **Das SN**, Tanksali AS, Arwikar A S, Guggarigoudar SP, Vallabha T, Patil SS, Das KK, Groundwater fluoride contamination and its possible health implications in Indi taluk of Vijayapura District (Karnataka State), India. *Environ Geochem Health* **2016**; .pp 1-13. DOI: 10.1007/s10653-016-9869-2 [**IF.2.616**] [PUBMED/SCOPUS/ THOMSON REUTERS]
9. Teradale AB, Lamani, SD, **Das SN**. Up Growth Effect of Cetyltrimethyl Ammonium Bromide with Carbon Paste Electrode for the Electrochemical Determination of Allopurinol and Its Biological Activities. *Analytic Bioanalytic Electrochem* **2016**; 8(7): 814-829 [SCOPUS]
10. Teradale AB, Lamani SD, Kumara Swamy BE, Ganesh PS, **Das SN**. Electrochemical Investigation of Catechol at Poly(niacinamide) modified Carbon Paste Electrode: A Voltammetric Study. *Adv Physical Chem* DOI: org/10.1155/**2016**/8092860 [SCOPUS]
11. KS Chadchan, Jargar JG, **Das SN**. Anti-diabetic effects of aqueous prickly lettuce (*Lactuca scariola Linn*) leaves extract in alloxan induced male diabetic rats treated with nickel (II). *J Basic Clin Physiol Pharmacol* **2016**; 27(1): 49-56. [PUBMED/SCOPUS/ THOMSON REUTERS]
12. Chadchan K, **Das SN**; Das KK. Fenugreek (*Trigonella foenum graecum*) leaves extract and its interaction with heavy metal (Nickel II) with reference to glucose reduction capabilities in-vitro. *Biomedicine* **2014**; 34(1):104-108.[SCOPUS]
13. Das KK, Jargar JG, Hattiwale SH, Yendigeri SM, **Das S**, Dhundasi SA. Serum Vitamin E (alpha-Tocopherol) Estimation. A Potential Biomarker of Antioxidant Status Evaluation on Heavy Metal Toxicities. *Recent Patents on Biomarkers* **2013**; 3:36-43 [SCOPUS]
14. Maniyar SA , Jargar JG, **Das SN**, Dhundasi SA, Das KK. Alteration of chemical behavior of L-ascorbic acid in combination with nickel sulfate at different pH solutions *in vitro*. *Asian Pacific J Trop Biomed* **2012**; 2(3):220-2 [PUBMED/SCOPUS/ THOMSON REUTERS]

15. Jargar JG, Hattiwale SH, **Das S**, Dhundasi SA, Das KK. A modified simple method for determination of serum α -tocopherol (vitamin E). *J Basic Clin Physiol Pharmacol* **2012**; 23(1):45-8. [PUBMED/SCOPUS/ THOMSON REUTERS]
16. Das KK, Dhundasi SA, **Das SN**. Hexavalent chromium and its effect on health: possible protective role of garlic (*Allium sativum* Linn).. *J Basic Clin Physiol Pharmacol* **2011**; 22(1-2):3-10. [PUBMED/SCOPUS/ THOMSON REUTERS]
17. Das KK, **Das SN**, Dhundasi SA. Nickel, its adverse health effects & oxidative stress. *Indian J Med Res* 2008; **128**(4):412-25. [**IF-2.06**] [PUBMED/SCOPUS/ THOMSON REUTERS]
18. Gupta AD, **Das SN**, Dhundasi SA, Das KK. Effect of garlic (*Allium sativum*) on heavy metal (nickel II and chromium VI) induced alteration of serum lipid profile in male albino rats.. *Int J Environ Res Public Health* **2008**; 5(3):147-51. [**IF.2.540**] [PUBMED/SCOPUS/ THOMSON REUTERS]
19. Das KK, Gupta AD, Dhundasi SA, Patil AM, **Das SN**, Ambekar JG. Protective role of L-ascorbic acid on antioxidant defense system in erythrocytes of albino rats exposed to nickel sulfate.. *Biometals* **2007**; 20(2):177-84 [PUBMED/SCOPUS/ THOMSON REUTERS]
20. Das KK, Gupta AD, Dhundasi SA, Patil AM, **Das SN**, Ambekar JG. Effect of L-ascorbic acid on nickel-induced alterations in serum lipid profiles and liver histopathology in rats. *J Basic Clin Physiol Pharmacol* **2006**; 17(1):29-44. [PUBMED/SCOPUS/THOMSON REUTERS]
21. Gupta AD, Patil AM, Ambekar JG, **Das SN**, Dhundasi, SA, Das KK. L-ascorbic acid protects the antioxidant defense system in nickel-exposed albino rat lung tissue. *J Basic Clin Physiol Pharmacol* **2006**; 17(2):87-100. [PUBMED/SCOPUS/ THOMSON REUTERS]
22. Das KK, **Das SN**. Studies on the role of ascorbic acid on nickel induced hepatic nucleic acid concentrations in rats. *J Basic Clin Physiol Pharmacol* **2004**; 15(3-4):185-95. [PUBMED/SCOPUS/ THOMSON REUTERS]

23. **Das SN**, Panda M. Quenching of rhodamine-B fluorescence by metal ions. *Asian J Spectroscopy*. **2004**; [SCOPUS]
24. Das KK, **Das SN**, Dasgupta S. The influence of ascorbic acid on nickel-induced hepatic lipid peroxidation in rats.. *J Basic Clin Physiol Pharmacol* **2001**; 12(3):187-95.[PUBMED/SCOPUS/ THOMSON REUTERS]

Book Chapters:

1. Hypoxia And Oxidative Stress: Cell Signalling Mechanisms And Protective Role of Vitamin C and Cilnidipine. Kusal K Das, **Swastika N. Das** and Jeevan G. Ambekar. In: *Lipid Peroxidation: Inhibition, Effects and Mechanisms* Nova Science Publishers, Inc. USA ISBN: 978-1-53610-506-3, 2016.
2. Das KK, **Das SN**, Dhundasi SA. Nickel: Molecular Diversity, Application, Essentiality and Toxicity in human health. In Gaillard Blanc and Damien Moreau (Eds) in *Biometals,: Molecular Structures, Binding Properties and Applications*, **ISBN 978-1-60876-852-3; New York, USA**, Nova Science Publishers Inc; **2010**