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### Research Publications:

Sl.No	Title of the Paper	Name of the Journal	Volume & year of Publication
01	A simple synthesis of hydroxy iso flavanones	Indian Journal of Chemistry	142,40B,2001
02	Isolation of Tri terpenoid Glucoside from bark of Terminalia arjuna using chromatographic technique and investigation of Pharmacological behaviour upon muscle Tissues	E-Journal of Chemistry	474,4(4), 2007
03	Antimicrobial Activity of Friedelan-3- $\beta$ -ol and trans-N-Caffeoyltyramine isolated from root of Vitistrifolia	Asian Journal of Chemistry	417, 20(1), 2008
04	Pharmacological Study of a Steroid $\beta$ -Sitosterylglucoside-6'-heptadecanoate isolated from Caparishorrida	International journal for pharma research and Review	2(5):33-35 May 2013
05	Pharmacology Study of Alkaloid Hirsutine-3-O-glycopyranosite Isolated from Roots of CocullusHirsutus	Int. J. of Pharmacology P. Research	6(2)317-319, 2014
06	Isolation & Extraction of Bioactive Compounds from	Bulletin Int. Conf. on New Dimension	

	Four Different Plants Traditionally Used by Tribals to Heal up Wounds & Broken Limbs	in Chemistry & Chem. Technology, JNTU, Hyderabad	68-69, 2014
07	Biosorption of Lead from Aqueous Solution on Cordiadicotoma L. Biomass	Int. J. Technology Enhancements & Emerging Engg. Research	2015
08	Docking study of novel acetamide derivatives as specific MAO-A inhibitor	Am. J. Pharma Research	5(6), 191-211, 2015
09	Synthetic & Natural Monoamine Oxidase Inhibitors as Potential Lead Compounds for Effective Therapeutics	Central Nervous System Agents in Medicinal Chemistry	16(1), 2016
10	Hansch Analysis of Novel Acetamide Derivatives as Highly Potent & Specific MAO-A Inhibitors	J. Central Nervous System Agents	16(3), 2016
11	Green Environmental Chemistry-1: Novel Use of Cordiadicotoma Seeds for Adsorption of Pb (II) and Cd (II) Ions from Aqueous Solutions	Arabian Journal of Chemistry	13-03-2016
12	Adsorption Potential of Pb (II) and Cd (II) Ions from Aqueous Solutions onto Aegiceras Corniculatum seed Powder	Arabian Journal of Chemistry	13-03-2016
13	Pathak A, Singour PK, Srivastava AK, Gouda P, Kumar S, Goutam BK. Docking study of Novel Acetamide Derivatives as Specific MAO-A Inhibitors.	American Journal of Pharm Tech Research	2015;5(6):190-209.
14	Pathak A, Singour PK, Srivastava AK, Gouda P. Synthetic and Natural Monoamine Oxidase Inhibitors as Potential Lead Compounds for Effective Therapeutics.	Central Nervous System Agents Medicinal Chemistry	2016;16(2):81-97
	Pathak A, Singour PK, Srivastava AK, Gouda P,	Central Nervous System Agents	

15	Kumar S, Goutam BK. Hansch Analysis of Novel Acetamide Derivatives as Highly Potent and Specific MAO-A Inhibitors	Medicinal Chemistry	2016;16(2):143-51
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## Books Published:

- Basic Principles of Spectroscopy by Vishal Publication, Jalandhar having ISBN: 978-93-82956-03-7.
- Text Book of Chemistry for +2 Students by Kitab Mahal, Cuttack having ISBN: 978-93-83761-61-0.
- Text Book of Chemistry for +2 Students by Odisha State Text Book Bureau of Preparation & Publication, Bhubaneswar, having ISBN:91-8005-145-5.

## Research Activities:

Title of the Project Handled	Name of the funding agency
Study on Medicinal Plants which are known to have Anti-tumor Activity	U.G.C.(MRP)
Chemical Investigation and biochemical study of some medicinal plants traditionally used for them by Tribals of Southern part of Odisha	U.G.C. (MRP)