

List of Past Ph. D. students

Sl. No.	Name of the Student	Name of the guide(s)	University/ Institute	Title of the thesis	Year the degree was awarded	Present position and Organization
1.	Dr. Kadambini Sarangi	Dr. P.V.R.Bhaskara Sarma	Utkal University, Vani Vihar Bhubaneswar	Extraction of metal ions using supported liquid membrane	1990	Sr.Pr.Scientist, CSIR-IMMT, Bhubaneswar
2.	G.K.Das	Dr. S. Anand* Dr. S. Acharya	Utkal University	Studies on ammoniojarosites	Aug 1996	Scientist CSIRO Australia
3.	Danda Srinivas Rao	RRL, Bhubaneswar Dr. B.C. Acharya Dr. R.K. Sahoo Utkal University Prof. B. Dash (Dept. of Geology)	Awarded by Utkal University Worked at RRL, Bhubaneswar	Mineralogy And Geochemistry Of Precambrian Manganese Ore Deposit Of Nishikhal, Koraput District, Orissa	1996	Chief Scientist CSIR-IMMT, Bhubaneswar Dean, Physical Sciences AcSIR
4.	P.K.Das	Dr. S. Anand*	Utkal University	Studies on the oxidation of sulphur dioxide in ammoniacal medium using gaseous and solid oxidants	May 1999	Hindustan Zinc Ltd. Udaipur Associate General Manager (Lab Services)
5.	Debasish Mohapatra	Dr.Bisweswar Das & Prof.Vibekananda Chakraborty	Utkal University	“Investigation of heavy metal status in and around Paradip area and its effect on Environment”	1999	Sr. Manager, L .S. Nikko Copper, South Korea
6.	Chandana Rath	Dr. S. Anand Dr.N.C.Mishra* (Utkal University)	Utkal University	“ Studies on microstructure and magnetic properties of hematite and Mn-Zn ferrites.	Dec 2000	IIT BHU Associate professor
7.	Celin Acharya	Dr R.N.Kar* & Prof.L.B.Sukla	Utkal University	Microbial Desulphurization of Coal and Bioleaching of Manganese Ore” from Utkal University in Life Science	2000	Scientist, Bhabha Atomic Research Centre, Mumbal.
8.	Sandur Prakash	Dr.Bisweswar Das & Prof. R. Venugopal*	Indian School of	“Studies on separation characteristics of some particulate	2001	Deceased

			Mines, Dhanbad	system using Magnetic Carrier Technology”		
9.	D. Mishra	Dr. S. Anand Prof. R. K. Panda* (Berhampur University)	Berhampur University	Studies on alumina and its derived compounds	June. 2003	NML, Jamshedpur, Principal Scientist
10.	R. Acharya	Dr. S. Anand*	Utkal University	Preparation, characterization and electrical properties of nickel hydroxide	Aug 2003	Professor SOA Univeristy, Odisha
11.	Sasmita Mohanty	Dr. S. Anand Prof. P. Mohanty*	Utkal University	Synthesis and reactivities of some cobalt(III), Chromium(III) and rhodium(III) complexes	Dec 2003	Senior lecturer, Mumbai
12.	Mamata Mohapatra	Dr.S.Anand	Utkal University	Studies on aqueous reduction of cobalt and iron oxides using sulphur dioxide	Dec 2004	IMMT, BBSR, Senior Scientist,
13.	Dipti P. Das	Dr. K.M. Parida* Prof. B.R. De	Vidyasagar University	Physico-Chemical Characterisation And Catalytic Evaluation Of Modified Tetravalent Metal Phosphates	2006	Scientist, CSIR-IMMT
14.	Jasobanta Das	Dr. K.M. Parida	Utkal University	Preparation, characterisation, adsorption behaviour and catalytic evaluation of some hydrotalcite type anionic clays	2006	STO (2), CSIR-IMMT
15.	Deepak Sau	Dr. Swati Mohanty Dr. K. C. Biswal* (NIT, Rkl)	Utkal University	Studies on certain aspects of fluidization in tapered and conventional fluidized bed and their simulation	2008	Scientist CSIR-NML Jamshedpur
16.	Kali Sanjay	Prof. Rajiv Shekhar, Dr R P Das	IIT Kanpur	Electroremediation of Cr(VI) contaminated soils: Kinetics, design and scaleup	2008	Sr. Principal Scientist, IMMT, Bhubaneswar
17.	Dr. Pankaj K.Parhi	Dr.K.Sarangi* Prof.N.N.Das	North Odisha University, Baripada,	Extraction of metal ions by supported liquid membrane using extractants and	2009	Asst. Professor, KIIT University

			Odisha 757003	their synergistic effect.		
18.	Smaranika Mohapatra	Prof.L.B.Sukla* & Prof C.Sengupta	Kalyani University	Biominerall Processing of Nickel Ore	2009	
19.	Sradhanjali Singh	Prof L.B.Sukla* & Prof R.C. Mohanty	Utkal University	Studies on Microbial Dissolution of Copper during Bioleaching of Low Grade Chalcopyrite Orem Utkal University in Microbiology	2011	Young Scientist , EIRA Division (NEERI)
20.	M. G. Sujana	Dr. S. Anand	Utkal University	Development of novel Fe and Al based adsorbent materials: Preparation, characterization and application for fluoride removal from water	2012	Senior Principal Scientist, CSIR-IMMT
21.	Mousami Mishra	Prof L.B.Sukla* & Prof R.C. Mohanty	Utkal University	Microbial Beneficiation of Aluminium and Iron ore	2013	
22.	Sunil Behera	Prof L.B.Sukla*	Utkal University	Microbial Dissolution of Nickel and Cobalt Using Molecular Tools	2013	Assistant Professor, Khalikote University
23.	Alok Das	Prof. L.B. Sukla* & Dr.N.Pradhan	SOA University	Microbial Extraction of Manganese from Manganese ore	2013	Assistant Professor, Ramadevi university,
24.	Ms Kalayni Rout	Dr. S. Anand* MamataMohapatra	Utkal University	Synthesis and characterization of some iron/manganese based pure and mixed oxides and their cation adsorption characteristics	Sept 2014	National post doctoral fellow, DST. Guru Ghasidas Central Univeristy, Bilaspur
25.	D. Hariprasad	Dr.S.Anand *MamtaMohapatra	Utkal University	A comparative study of reductive dissolution of pure MnO ₂ / low & medium grade manganese ores	Oct 2014	Deputy Manager, Rand D division,

				using carbon/nitrogen based novel reductants		AshapuraMin etech Ltd., Mumbai
26.	S. K. Sahoo	Dr.S.Anand	Utkal University	Studies on cerium based nano oxides	May 2014	Scientist E DRDO, Pune
27.	Nirmal Kumar Rout	Dr. Debi Prasad Das and Prof. G. Panda *	KIIT University	Development and Performance Evaluation of Efficient Active Noise Control Algorithms	2014	Associate Professor KIIT University
28.	Priyabrata Pattnaik	Dr. Debi Prasad Das and Dr. S.K. Kamila*	SOA University	Study of Electrochemical Biosensors for Detection of Potassium	2014	Associate Professor SOA University
29.	Swati Pradhan	Prof. PK. Barahi*, BIT Mesra Dr. S.K. Pradhan	BIT Mesra	Growth and characterization of TiO2 thin films and nanostructures for self cleaning applications	2014	
30.	Biswonath Biswal	Dr.B.P.Bag	AcSIR	Rhodamine based luminescent probes for metal ion detection through FRET mediated signalling	2015	
31.	Dr.Pradeep C. Rout	Dr.K.Sarangi	AcSIR	Extraction of Sc, V, Mo and Ce by supported liquid membrane using commercial extractants	2015	Executive (R & D), Rubamin Ltd.
32.	Ajoy Pal	Dr.B.P.Bag	AcSIR	Rhodamine B Based chemosensors for detection of mercury ion and their applications	2015	
33.	Sanak Ray	Dr.G.RoyChaudhury	AcSIR	Development of a Microbial process for removal of excessive nutrients from polluted water	2015	
34.	Subash Chandra Sahu	Dr.Bikash Kumar Jena	AcSIR	Shape controlled synthesis of Nobel Metal Nanostructures and Graphene- Metal Nanocomposites for Electrocatalytic Applications	2015	
35.	Lagnamayee Mohapatra	Dr.K.M.Parida	AcSIR	Design and development of	2015	

				visible light harvesting layered double hydroxide (LDH) photocatalysis for environmental pollution abatement and energy production		
36.	Surabhi Dipali Muduli	Prof.B.K.Mishra* Dr.B.D.Nayak	AcSIR	Study on development of atmospheric setting fly ash geopolymer with reference to manufacture of building brick	2015	
37.	Avijit Biswal	Dr.B.C.Tripathy	AcSIR	Electrochemical preparation and characterization of battery grade manganese dioxide in the presence of various dopants	2015	
38.	G.BiswaBiditaVar dwaj	Dr.K.M.Parida	AcSIR	Fabrication of modified montmorillonite and their catalytic evaluation towards selective organic transformations	2015	
39.	Sandeep Panda	Dr N Pradhan* & Prof UB. Mohapatra	NOU, Odisha	Biotechnological Application of some selected microorganisms for extraction of copper from low grade ore	2015	Assistant Professor, SD University, Isparta, Turkey
40.	SasmitaNayak	Dr. S. Bhattacharjee	AcSIR	Design, development and characterization of Nano carbon polymer composite	2015	
41.	Sambita Sahoo	Prof. PK. Barahi*, BIT Mesra Dr. S.K. Pradhan	BIT Mesra	Study of Diamond like carbon films deposited by MW/RFPACVD	2015	
42.	RasmitaBarik	*Dr Mamata Mohapatra & Dr Bikash Ku Jena	Utkal University	Synthesis of nano-structured pure/doped iron oxides by solvent assisted route and evaluation of their	2016	PostDoctoral Fellow, IIT Delhi

				electronic or sensing properties		
43.	Dr.Eliza Padhan	Dr.K.Sarangi	AcSIR	Processing of molybdenum spent catalyst and neodymium based waste magnet for the recovery of metal values: An in-depth study on solvent extraction.	2016	
44.	Swagat Satyagopal Rath	Prof.B.K.Mishra* Dr.Bisweswar Das	AcSIR,	“Flotation of Banded Iron Ores: An In-depth Study of the Mineral-Reagent Interactions”	2016	Sr. Scientist, CSIR-IMMT, Bhubaneswar
45.	Hrushikesh Sahoo	Dr.Bisweswar Das	AcSIR,	“Investigation on the use of Quaternary Nitrogen Based Ionic Liquids in Flotation” -	2016	Executive-Process Improvement Balasore Alloys Limited, Odisha.
46.	Amtul Nashim	Dr.K.M.Parida* Dr.P.M.Mishra	AcSIR	Studies on Rare earth titanate ($\text{Ln}_2\text{Ti}_2\text{O}_7$) based composite photocatalyst for hydrogen production and pollution abatement under visible light irradiation	2016	
47.	Gopa Mishra	Dr.K.M.Parida* Dr.S.K.Singh	AcSIR	Synthesis, characterization and catalytic activity evaluation of metal oxide modified Silicon carbide nanocomposite	2016	
48.	Pinaki Patnaik	Dr.B.C.Tripathy* Dr.R.K.Paramguru	AcSIR	Corollary of organic additives on electrowinning cobalt from sulphate baths	2016	
49.	Soumya Shree Pany	Dr.K.M.Parida* Dr.P.M.Mishra	AcSIR	Design and development of porous and modified nanotitania for visible light phototcatalysis	2016	

50.	M. S. Jena	Prof. (Dr.) N. R. Mandre Prof. (Dr.) R. Venugopal Dr. J. K. Mohanty*	IIT (ISM), Dhanbad	Studies on characterization and pre-concentration of PGE values from low grade chromite ores of Boula area, Odisha	July, 2016	Senior Scientist, CSIR-IMMT
51.	Kamala Kanta Nanda	Dr.Y.S.Chaudhary	AcSIR	Design and development of hetero-structured photocatlyst and their application in solar hydrogen generation	2017	
52.	Namrata Misra	Dr.P.K.Panda	AcSIR	Bioinformatic studies on enzymes of algal lipid biosynthetic pathway involved in biofuel production	2017	
53.	Aneeya Kumar Samantara	Dr.Bikash Kumar Jena	AcSIR	Synthesis and characterization of carbon quantum Dot/Reduced grapheme Oxide composites for electrochemical energy storage application	2017	
54.	Jyotsnarani Jena	Dr.Trupti Das	AcSIR	Biological nutrient removal from high strength waste water in sequential batch reactor	2017	
55.	Avinna Mishra	Dr. S. Bhattacharjee* Dr.Manju Unnikrishnan	AcSIR	Transition metal oxide based thermoelectric materials	2017	
56.	Deepak K.Padhi	Dr.K.M.Parida* Dr.S.K.Singh	AcSIR	An investigation on visible light active graphene based nanocomposite for energy and environmental applications	2017	
57.	SwatirupaPani	Dr.B.K.Mohapatra* Dr.S.K.Singh	AcSIR	Manganese ores and associated rocks from Barbil-Joda-Bamebari region Keonjhar District, Odisha: Mineralogical, geochemical studies and utilisation	2017	

				prospects of sub-grade ores		
58.	ParthaSarathiMahapatra	Dr. Trupti Das	AcSIR	Regional Air quality assessment: A case study of Bhubaneswar	2017	
59.	Subrat Kumar Padhy	Dr. B. C. Tripathy	AcSIR	Role of additives on the Electrodeposition of Manganese from Aqueous Solutions	2017	
60.	Srabani Mishra	Dr N Pradhan	AcSIR	Biodegradation of dibenzothiophene and its application for desulphurization of coal	2017	
61.	Eepsita Priyadarshini	Dr N Pradhan	AcSIR	Studies on Microbial synthesis of metal nanoparticle with respect to mechanism, size-shape optimization and application	2017	National Post Doc Fellow, JNU, New Delhi
62.	Arun Pradhan	Dr N Pradhan	AcSIR	Isolation, characterization of microbial biosurfactants & their biotechnological applications	2017	Assistant Professor at SOA university
63.	Sarita Das	Dr. D. P. Das	AcSIR	Development of monitoring systems for hydrogen plasma processes	2018	
64.	Seoul Sangita	Dr. C. R. Panda	AcSIR	Aluminium extraction and other value added products from fly ash	2018	
65.	Madhabi Madhusmita Bhanjadesi	Dr. U. Subudhi	AcSIR	Lanthanide mediated B-to-Z transition in self assembled branched DNA: A biophysical study	2018	
66.	Smrutirekha Swain	Dr. Y. S. Chaudhary	AcSIR	Synthesis of inexpensive hybrid nanomaterials for their application in photoelectrochemical water splitting	2018	
67.	Geetanjali Mishra	Dr. Barsha Dash* Dr. Sony Pandey	AcSIR	Synthesis of layered double hydroxide inorganic and organic composites and their antimicrobial activity	2018	

68.	Swati Sucharita Panda	Dr.N.K.Dhal	AcSIR	Remediation of Cr ⁺⁶ through plant, microbe and their interaction to mitigate environmental pollution	2018	
69.	Adnan Asad Karim	Dr. Manish Kumar	AcSIR	Development of biochar fertilizers from nutrient rich waste materials for agricultural application	2018	
70.	Santosh Kumar Behera	Prof. BD Subudhi* and Dr. Debi Prasad Das	NIT Rourkela	Development of Improved Active Noise Control Systems and Their Real-time Evaluation	2018	Senior Scientist CSIR-IMMT
71.	Diptipriya Sethi	Dr.R.Sakthivel, Sony Pandey	AcSIR	Titania based materials for drinking water disinfection	2018	
72.	Jayshree Jena	Dr N Pradhan* & Prof B.M. Dash	FM University, Odisha	Characterization and Biotechnological Importance of Selected Microalgae Isolated from Different Habitats of Odisha	2018	
73.	Ayonbala Baral	Dr.M.K.Ghosh* Dr.Dipti. P.Das	AcSIR	Synthesis and Characterization of Nano MnO ₂ and its composites for multifunctional applications	2019	
74.	Jacintha Esther	Dr.N.Pradhan* & Prof.L.B.Sukla	AcSIR	Applications of Dissimilatory Iron Reducing Bacteria (DIRB) for recovery of Ni and Co from low-grade lateritic nickel ore	2019	
75.	Sri Sandeep Kumar Jena	Dr.Bisweswar Das* Prof. P.K.Misra	Sambalpur University, (Thesis Submitted)	“Studies on Extraction of potassium from different mineral resources by physical and chemical methods”	2019	CSIR-IMMT
76.	Sandhaya Kumari	Dr.S.K.Pradhan* Dr.S.K.Singh	AcSIR	Development of nanostructured grapheme based	2019	

				composite coating for anti-corrosion applications		
77.	Alaka Samal	Dr.Dipti P. Das* Dr. B.K. Mishra	AcSIR	Visible light responsive applications of metal phosphate based graphene composites towards dye degradation and hydrogen generation	2019	
78.	Debajani Mallick	Dr.Bamaprasad Bag* Dr.Mamata Mohapatra	AcSIR	Design and synthesis of rhodamine derivatives as chemo-sensors for ionic species.	2019	
79.	Soumya Mukherjee	Dr Sanjib das	AcSIR	Synthesis of Nanoporous Organic and Metal-Organic Polymer based Adsorbents for Gas Storage/Separation and Environmental Remediation	2019	
80.	Susanta Kumar Das	Dr.B.K.Jena	AcSIR	Metal/Metal Oxides-Graphene Hybrid nanostructures for Fuel Cell Application	2019	
81.	Priyanka Rajput	Prof.B.K.Mishra* Dr.R.K.Paramguru	AcSIR	Production of Iron, Nickel and Ferronickel by low temperature Hydrogen Plasma	2019	CSIR-IMMT Sr. Scientist
82.	Swagatika Dash	Dr. Swati Mohanty	AcSIR	Modelling and Simulation studies on solvent extraction of Lanthanum and Neodymium	2020	CSIR-IMMT Sr. Scientist
83.	Rajkishore Sahoo	Dr.B.B.Jha	AcSIR	Studies on effect of microstructural variation on mechanical and Tribological behaviour of Ti-6Al-4V alloy	2020	CSIR-IMMT Sr. Scientist
84.	Aisvarya Venkata Seetharaman	Dr.M.K.Ghosh* Dr.N.Pradhan	AcSIR	Anaerobic bioleaching of oxidic manganese minerals using	2020	CSIR-IMMT Sr. Scientist

				dissimilatory metal reducing bacteria.		
85.	Balaji Umapathi	Dr.S.K.Pradhan	AcSIR	Design and development of structurally coloured titanium surfaces by anodisation	2020	CSIR-IMMT Sr. Scientist
86.	Monojt Das	Dr.Sanjib Das	AcSIR	Design and synthesis of efficient Nano-porous organic polymers for gas storage and environmental contaminant removal	2020	
87.	Radhakanta Sathpathy	Prof.B.K.Mishra* Dr.L.D.Besra	AcSIR	Nanostructured multi-layered thermal barrier coatings for jet engine application	2020	
88.	Pranita Dash	Dr.S.K.Biswal * Dr.T.K.Rout (Tata Steel)	AcSIR	Study on preparation and Characterization of graphene oxide and reduced graphene oxide from high purity natural graphite.	2020	
89.	Santosh Kumar Mohanta	Dr.Ranjan Kumar Dwari	AcSIR	Surface pre-treatment for efficient tribo-electrostatic separation of coal and minerals	2020	
90.	Swagatika Kamila	Dr.B.K.Jena	AcSIR	Graphene/ Pseudocapacitive Hybrid materials for electrochemical energy storage application	2020	
91.	Anupam Manna	Dr.Sanjib Das	AcSIR	Design and synthesis of porous polymeric materials for sensing, separation and catalytic transformation of environmental pollutants.	2020	
92.	Alfa Sarita Mohanty	Dr.B.S.Jena	AcSIR	Dillenia Indica L.bark extract mediated green synthesis of Silver, Gold and Platinum nanoparticles and their applications.	2020	
93.	Shreemayee Satapathy	Dr.B.S.Jena* Dr.C.R.Panda	AcSIR	Bioaccumulation of Toxic metals in the	2020	

				trophic levels of Marine Ecosystem: A Risk Assessment.		
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