

DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

B.I.T., MESRA, RANCHI

PH.D RESEARCH ONGOING

Sl.No.	Name of the PhD scholar	Name of the guide/s	Title of the thesis	Year
1	Reetuparna Acharya PHD/PH/10051/2018	Dr. S. Jha - IG Dr. Shakti P. Pattanayak -EG	"Evaluation of Anti-Breast Cancer Activity of Some Azomethine Derivatives on DMBA Induced Experimental Model"	2019
2	Amrita Chatterjee, PHD/PH/10001/2019	Dr. Biswatrish Sarkar	"Therapeutic targeting of Nrf2-ARE pathway by phytopharmaceuticals derived from Krishna Tulsi (red forma of <i>Ocimum tenuiflorum</i> Linn.) during oxidative stress"	2019
3	Rajdeep Saha, PHD/PH/10003/2019	Dr. Biswatrish Sarkar	"Formulation and Evaluation of Verbascoside Loaded Topical Drug Delivery System for Diabetic Wound Healing."	2019
4	Priyadarshi Aparajay, PHD/PH/10005/2019	Dr. Abhimanyu Dev	"Development of Folate Targeted Niosomal Drug Delivery System for Cancer"	2019
5	Nisha Kumari Singh, PHD/PH/10006/2019	Dr. Swastika Ganguly	"Synthesis and Study of Some Novel Heterocyclic Analogs"	2019
6	Ravi Pratap Singh, PHD/PH/10007/2019	Dr. Ashok Kumar Pattnaik	"Investigation of Anti-obesity and antihyperlipidemic activity of Bio-active fractions of some selected natural plants on different obese animal models"	2019
7	Mansi Agrawal PHD/PH/10008/2019	Dr. (Mrs.) Papiya Mitra Mazumder	"Studies on Anti Asthmatic Properties of Active Fraction of <i>Manilkara Zapota</i> Leaves in the Treatment of Chemical Induced Asthma"	2019
8	Mahendra Pratap Swain	Dr. Sandeep Kumar Singh	"Fabrication and Evaluation of Cyclodextrin Based Nano	2019

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	PHD/PH/10010/2019		Carrier Systems of Some Hydrophobic Drugs”	
9	Nigam Jyoti Maiti PHD/PH/10051/2019	Dr. (Ms.) Swastika Ganguly	“Design, Synthesis and Studies on Some Benzotriazole Analogs”	2020
10	Sweta Kar PHD/PH/10052/2019	. Dr. Sandeep Kumar Singh	“Design, Development and Optimization of Nanoliposomes of Some Drugs”	2020
11	Shreya Sharma PHD/PH/10053/2019	Dr. (Mrs.) Trishna Bal	“Multifunctional Polymeric Micelles for Targeted Delivery of Pharmaceuticals and Biopharmaceuticals”	2020
12	Pankaj Dagur PHD/PH/10054/2019	Dr. Manik	“Therapeutic Potential of Lac Dye Fractions in Cancer Treatment: Isolation and Analysis of Laccic Acids with Multimodal Anticancer Activity”	2020
13	Satyajit Mohanty PHD/PH/10055/2019	Dr. Ashok Kr. Pattnaik	“Investigation on Anti-obesity and Cardioprotective study of Bio-active Fractions of selected plants on Different obese rodent Models”	2020
14	Pradip Jana PHD/PH/10057/2019	Dr. Abhimanyu Dev	“Development and Evaluation of Carbogenic Nanoparticles for Targeted Delivery in Cancer”	2020
15	Priyanka Chandra PHD/PH/10058/2019	Dr. Manik - G Dr. S. Ganguly - CG	“Design, Synthesis And Study Of Newer Azoles”	2020
16	Fahaduddin PHD/PH/ 10001/2020	Dr. (Mrs.) Trishna Bal	Fabrication and Evaluation of Composite Systems for Pharmaceutical and Biomedical Applications	2020
17	Sangita Kumari PHD/PH/10003/2020	Dr. Mahendra P.Chopra	Study of Anti-obesity Activity and obesity associated complications of <i>Ficus benghalensis</i> Linn. Bark extract Using Animal Model	2020

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18	Prasanti Sharma PHD/PH/10004/2020	Dr. Neelima Sharma	Synthesis and Evaluation of Natural Polymers based Flavonoid nanoparticles against Myocardial Ischemia-Reperfusion Injury (MIRI)	2020
19	Noopur Pandey PHD/PH/10005/2020	Dr. Animesh Ghosh	Crystal Engineering Technique for Tailoring Physicochemical Properties of Pharmaceuticals	2020
20	Tanishk Saini PHD/PH/10007/2020	Dr. (Mrs.) Papiya M. Mazumder	Pharmacological Evaluations of <i>Thuja occidentalis</i> Linn. (Family: Cupresacae) in attenuating Diabetic Neuropathy	2020
21	Nikita Nayak PHD/PH/10008/2020	Dr. Ashok Kr. Pattnaik	Investigation of Anti-obesity and Anti-hyperlipidemia activity of <i>Xanthium strumarium</i> Linn. and <i>Swertia chirayita</i> Linn. plants on different obese rodent model	2020
22	Abanish Biswas PHD/PH/10009/2020	. Dr. Venkatesan J.	Design & development of substrate mimics as selective inhibitors of CytochromeP450-1B1 for the treatment of cancer	2020
23	Itishree Jogamaya Das PHD/PH/10010/2020	Dr. (Mrs.) Trishna Bal	Conducting Superporous Hydrogel as Effective Material for Tissue Engineering and Drug Delivery Devices	2020
24	Anjana Sinha PHD/PH/10012/2020	Dr. Manik	Stability Studies of Few Selected Ayurvedic Formulations as per ICH Q1 Guidelines by Using Modern Analytical Techniques	2020
25	Tushar Ranjan Mohapatra PHD/PH/10013/2020	Dr. S. Ganguly	Design, Synthesis and Studies on Newer Benzimidazole Analogs	2020
26	Gourav Rakshit PHD/PH/10052/2020	Dr. Venkatesan J.	Pyrazoline-based mycobactin analogues as Antitubercular agents	2021
27	Dr. Kavita Topno PHD/PH/10053/2020	Dr. Ashok Kr. Pattnaik – IG	Assessment of Drug Cefoperazone-Sulbactam, Ceftriaxone by Therapeutic Drug	2021

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		Dr. Mrityunjay Mundu - EG	Monitoring to Ensure Doses for Efficacy and ADRs of Generic or Branded Drugs in Surgical Patients of Tertiary Care Hospital Jharkhand	
28	Monika Bhardwaj PHD/PH/10054/2020	Dr. (Mrs.) Papiya M. Mazumder	Studies on <i>Pedilanthus tithymaloides</i> L. (Family:Euphorbiaceae) in the progression of diabetic macrovascular complications associated with Non Alcoholic fatty liver disease	2021
29	Jyoti Kumari PHD/PH/ 10055/2020	Dr. Mahendra P. Chopra	Pharmacological Investigations of Gums of <i>Boswellia serrata</i> with specific reference to Diabetic Retinopathy using animal Model	2021
30	Sanjay Jha PHD/PH/10056/2020	Dr. (Mrs.) Anima Pandey	Studies on <i>Ipoma batatas</i> Lam Polysaccharide and its applications	2021
31	Riya Banerjee PHD/PH/10002/2021	Dr. K. Jayaram Kumar	A QBD Approach for Exploring the Suitability of Some Araceae & Fabaceae Polysaccharides as Pharmaceutical Excipient	2021
32	Surabhi Chaurasia PHD/PH/10003/2021	Dr. (Mrs.) Anima Pandey	"Exploring <i>Artocarpus lakoocha</i> seed polysaccharides for its use as Pharmaceutical adjuvant and in Food Packing"	2021
33	Sandip Dey PHD/PH/10004/2021	Dr. Manik – G Dr. Abhimanyu Dev - CG	"Development and Evaluation of Silver Nanoparticles for Targeted Delivery in Cancer"	2021
34	Satish Kumar PHD/PH/10051/2021	Dr. Biswatrish Sarkar	"Studies Towards Development of Polyphenol-based Formulations from Krishna Tulsi (<i>Ocimum tenuiflorum</i> L.) Against Inflammatory Bowel Disease"	2022

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35	Rohit Kumar PHD/PH/10052/2021	Dr. K. Jayaram Kumar	"Exploring the Suitability of Some Natural Excipients in Pharmaceutical Dosage Form"	2022
36	Rahul Ghosh PHD/PH/10053/2021	Dr. Swastika Ganguly	"Design, Synthesis and Studies of Some Novel Triazole Analogs"	2022
37	B. Srividya PHD/PH/10054/2021	Dr. Animesh Ghosh	"Development and Characterization of Amorphous Solid Dispersions of Antihypertensive Agents"	2022
38	Shivangi Kumari PHD/PH/10055/2021	Dr. Ashok Kr. Pattnaik	"Investigation of Anti Obesity and Protective Effect on Fatty Liver with Selected Plants on Different Obese Rodent Models"	2022
39	Amit Raj PHD/PH/10056/2021	Dr. Animesh Ghosh	"Development and Characterization of Various Pharmaceutical Multicomponent Solids for Enhancement of Physicochemical Properties of Drugs"	2022
40	Kumar Anand, PHD/PH/10001/2022	Dr. (Mrs.) Neelima Sharma	"Preparation and Characterization of Graphene Oxide Infused Natural Polymers Based Super Absorptive, Self-healing Dressing Foams for Dermal Wounds"	2022
41	Tuhin Mukherjee, PHD/PH/10002/2022	Dr. Ashok Kr. Pattnaik	"Investigation of RRM Based Low Level Laser Therapy for Obesity and Obesity-induced Cardiac Ischemic Complications"	2022
42	Sayak Khawas PHD/PH/10003/2022	Dr. (Mrs.) Neelima Sharma	"Exploring the Efficacy of DMARD Nanoparticles as NLRP3 Inhibitor in Ameliorating ACOS Symptoms"	2022
43	Ritika Baidya PHD/PH/10004/2022	Dr. Biswatrish Sarkar	"Studies Towards the Development of Phenylethanoid Glycoside Based Topical Formulations for the Management of Diabetic Wound"	2022

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44	Shreyashi Pal PHD/PH/10005/2022	Dr. (Mrs.) Papiya M. Mazumder	"Studies on the Efficacy of Betacyanins in the Management of Functional Gastrointestinal Disorders"	2022
45	Ankit Chowdhury PHD/PH/10006/2022	Dr. (Mrs.) Papiya M. Mazumder - G	"Studies on Diabetic Wound healing by the Application of Citrus Flavanones Utilizing Transfersosomal Delivery System"	2022
46	Adib Alam, PHD/PH/10008/2022	Dr. (Mrs.) Papiya M. Mazumder - G	"Studies on Ficus geniculata (Futkal) Leaves in the Progression of Neurological Complications Associated with Respiratory Inflammation"	2022
47	Madhu Kumari PHD/PH/10009 /2022	Dr. (Mrs.) Monika Dwivedi	"Development and Optimization of Protein Based Multifunctional Hybrid Nanoparticles of Therapeutic Drugs"	2022
48	Kaushal Kant Verma, PHD/PH/10051/2022	Dr. Kishanta Kr. Pradhan	"Cellulose Based Citric Acid Cross linked graft Co-polymeric hydrogel- A Novel Drug Delivery System"	2023
49	Varnita Karmakar, PHD/PH/10052/2022	Dr. Bapi Gorain	"Nose to brain delivery of angiotensin Receptor Blockers in the treatment of dementia"	2023
50	Akanksha Sharma, PHD/PH/10053/2022	Dr. K. Jayaram Kumar	"Exploring the excipient properties of polysaccharide from some species of Fabaceae & Acanthaceae family"	2023
51	Susmita Kumari Yadav, PHD/PH/10054/2022	Dr. (Mrs.) Anima Pandey	"Phytopharmacological Studies on Some Artocarpus Species "	2023
52	Apurva Singh, PHD/PH/10055/2022	Dr. (Mrs.) Neelima Sharma	"Evaluation of herbal extract encapsulated Polymer coated nano phase metallic composites as advanced Bioactive Orthopedic Implants"	2023

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53	Sania Hasan, PHD/PH/10056/2022	Dr. Sandeep Kumar Singh	"Fabrication & Evaluation of Lipid Based Formulation of Some Drugs"	2023
54	Soumendu Mondal, PHD/PH/10057/2022	Dr. (Mrs.) Monika Dwivedi	"Development & Evaluation of Bioactive Herbal formulations for efficient tissue Regeneration"	2023
55	Kankan Roy, PHD/PH/10001/2023	Dr. Bapi Gorain		2023
56	Arya Ghosh, PHD/PH/10002/2023	Dr. Bapi Gorain		2023
57	Arvind Kumar Jha, PHD/PH/10003/2023	Dr. Sandeep Kumar Singh		2023
58	Soumya Datta, PHD/PH/10004/2023	Dr. Manik –IG Dr. Biplab Debnath – EG		2023
59	Ayesha Shahid, PHD/PH/10005/2023	Dr. K. Jayaram Kumar		2023
60	Tuhin Mal, PHD/PH/10006/2023	Dr. K. Jayaram Kumar		2023
61	Ankit Majie, PHD/PH/10007/2023	Dr. Bapi Gorain		2023
62	Prem Kumar, PHD/PH/10008/2023	Dr. K. Jayaram Kumar		2023
63	Tiyasa Paul, PHD/PH/10009/2023	Dr. K. Jayaram Kumar – G Dr. Akhil Kumar Sen - CG		2023
64	Anant Nag, PHD/PH/10010/2023	Dr. Kishanta Kumar Pradhan		2023
65	Puja Lal,	Dr. Animesh Ghosh		2023

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	PHD/PH/10011/2023			
66	Kaushiki Ash, PHD/PH/10012/2023	Dr. Abhimanyu Dev		2023
67	Sumana Das, PHD/PH/10051/2023	Dr. Monika Dwivedi		2024
68	Kavita Choudhary, PHD/PH/10052/2023	Dr. Trishna Bal		2024
69	Prasenjit Maity, PHD/PH/10053/2023	Dr. Swastika Ganguly		2024
70	Paromita Chowdhury, PHD/PH/10054/2023	Dr. Santanu Ghosh		2024
71	Srijani Dasgupta, PHD/PH/10055/2023	Dr. Swastika Ganguly		2024
72	Priyadarshini Banerjee, PHD/PH/10056/2023	Dr. Kishanta Kumar Pradhan		2024
73	Sayan Bhattacharjee, PHD/PH/10057/2023	Dr. Swastika Ganguly		2024
74	Chandan Kumar Singh, PHD/PH/10058/2023	Dr. Monika Dwivedi		2024