

DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

B.I.T., MESRA, RANCHI

PH.D AWARDED 2012 TO 2021

Sl.No.	Name of the PhD scholar	Name of the guide/s	Title of the thesis	Year of award of PhD
1	PHD/66/2005 Dr. K. Venkatesh Kumar	Dr. P.R.P. Verma	“Design, Development and Evaluation of Solid Dispersion of Antipsychotic Drugs”	2012
2	PHD/46/2006 Dr. Suresh Kumar K.	Dr. (Ms.) S. Ganguly	“Design, Synthesis and Evaluation of Some novel quinazoline analogs”.	2012
3	PHD/59/2007 Dr. S.P. Patanayak	Dr. (Mrs.) P.M. Mazumder	“Evaluation of Anti-tumor Potency on Chemical Induced Rat Mammary Carcinoma Model and Immunomodulatory Activities of a Hemiparasite <i>Dendrophthoe falcate (L.f) Ettingsh</i> ”	2012
4	PHD/ 06/2008 Dr. Mrs. Priyashree Sunita	Dr. S. Jha	“Pharmacognostical, Phytochemical And Pharmacological Investigations on An Ayurvedic plant, <i>Cressa Cretica</i> Linn.”	2012
5	PHD/109/2009 Dr. Rahul Kr. Verma	Dr. P.R.P. Verma	“Pulmonary Delivery of Microparticles Containing Nitric Oxide Donors as Mediators of Macrophage Activation in Tuberculosis”	
6	PHD/117/2008 Dr. Arijit Basu	Dr. B.N. Sinha	“Design, Synthesis and Biological Evaluation of some Amidoxime Analogues”	2013
7	PHD/116/2008 Dr. Mrs. Nibha Mishra	Dr. D. Sasmal	“Pharmacological studies of Enzyme inhibitors identified through Computational pharmacological approaches against Alzheimer’s disease”	2013
8	PHD/74/2008 Dr. Prem Prakash Singh	Dr. S. Jha	“Pharmacognostical, Phytochemical and Pharmacological Studies on <i>Calamintha officinalis</i> Moench”	
9	PHD/73/2008 Dr. Abhimanyu Dev	Dr. R.N. Gupta	Changed title(5th PGPEC,15.12.11) Development of Microencapsulation of <i>Vibrio Cholerae</i> and its proteins to study the Immunological importance as oral vaccine	2014
10	PHD/70/2008 Dr. Ms. Vaishali M. Patil	Dr. S. Samanta	“Design, Synthesis and Biological Evaluation of Anti-Hepatitis C Agents”	2014
11	Dr. Shaswat Kansal	Dr. P.R.P. Verma	“Surface Modified Polyelectrolyte Reservoir Bearing	2014

			Chemotherapeutic Agent for Effective Management of Visceral Leishmaniasis”	
12	PHD/18/2007 Dr. Manoj Goyal	Dr. D. Sasmal	“Phytochemical and Pharmacological studies on some Ethanomedicinal plants of Thar Desert”	2014
13	PHD/07/2008 Dr. Sandeep Kr. Bansal	Dr. B.N. Sinha	“Design, Synthesis and Pharmacological Screening of GABA Analogues as Novel Anticonvulsants”	2014
14	PHD/14/2006 Dr. Asoke Kumar Roy	Prof. S.P. Bhatnagar	“Proliferative activity and oncogene expression in high – risk cases of Pre-malignant oral lesions”	2014
15	PHD/108/2009 Mr. Shakti Deep Pachauri	Dr. P.R.P. Verma	“Phytopharmaceutical Evaluation of <i>Morinda citrifolia</i> L. (NONI) and Development of Herbal Formulation”	2015
16	PHD/05/2008 Mrs. Kavita Gahlot	Dr. S. Jha	“Pharmacognostic and Pharmacological Evaluation of <i>Flemingia</i> species of Utrakhand”	2015
17	PHD/PH/1003/2011 Mr. Subham Banerjee	Dr. Animesh Ghosh	“Fabrication and Assessment of Sustained Release combinational prophylactic transdermal antidotes against Ach – against neurotoxin”	2015
18	Mr. Puspendra Kumar PH.D/78/2010	Dr. S. Jha	“Standardization of an Ayurvedic Formulation: <i>Shatavaryadi Churna</i> ”	2015
19	PHD/PH/1001/2011 Mr. Kalyan Kumar Sethi	Dr. (Mrs.) S. M. Verma	“Design, synthesis and pharmacological evaluation of some human carbonic anhydrase inhibitors”	2015
20	PHD/PH/1002/2011 Mr. Aadesh Upadhyay	Dr. (Mrs.) P.M. Mazumder	“Development of Herbal based Compound Formulation for wound closure, healing in battle field Instant Acute injury”	2015
21	PHD/110/2009 Ms. Radha Shekar	Dr. B.N. Sinha	“Chiral Method Development for a New Anti-tubercular compound and Studies on Enantiospecific Anti tubercular Activity”	2015
22	PHD/23/2010 Mr. Bhupendra Shrestha	Dr. B.N. Sinha	“Analytical method development for some Cephalosporin drugs in combination with β -lactamase inhibitors in pharmaceutical dosage form”	2015
23	PHD/PH/1006/2011 Ms. Deepika	Dr. K. Jayaram Kumar	“Studies on Polysaccharides of <i>Dioscorea</i> and <i>Colocasia</i> as Pharmaceutical Adjuvant”	2015
24	PHD/PH/1010 /2011 Mr. Santanu Kaity	Dr. Animesh Ghosh	“Biopharmaceutical evaluation of chemically modified Locust Bear Gum for oral controlled release drug delivery system “	2015
25	PHD/94/2008 Mr. Biswatrish Sarkar	Dr. D. Sasmal Dr. K. Mukhopadhyay	“Antioxidative and DNA protective properties of Anthocyanins”	2015

26	PHD/PH/1009/2011 Mr. R. Paramaguru	Dr. (Mrs.) P.M. Mazumder	“Investigation of Antidiabetic Potential of <i>Pterospermum aecrifolium</i> (L.) Willd (Family: Sterculiaceae)”	2015
27	PHD/95/2008 Mr. Subhasis Banerjee	Dr. (Ms.) S. Ganguly Dr. Kalyan Kr. Sen	“Synthesis and Study of Some Triazole Analogs”	2015
28	PHD/PH/1053/2010 Mr. Parmanand Verma	Dr. R.N. Gupta	“Studies on Surface Modified Eudragit Nanoparticulate Suspension for the Management of Glaucoma”	2015
29	PHD/PH/1011/2011 Mr. Sameer D. Kulkarni	Dr. B.N. Sinha Dr. K. Jayaram Kumar	“STUDIES ON <i>Lagenaria Siceraria</i> (Mol.) Standley FRUIT AND ITS FORMULATION”	2015
30	PHD/105/2009 Mr. Dinesh M. Biyani	Dr. P.R.P. Verma	“Formulation and Evaluation of Ghrita: An Ayurvedic Preparation Containing Ghee”	2015
31	PHD/104/2009 Mr. Mahesh R. Mishra	Dr. P.R.P. Verma	“Studies on Influence of Exposure to Electrical and Electromagnetic fields of some Drugs During Crystallization on Crystal Habits and Pharmaceutical Utility”	2015
32	PHD/PH/1051/2010 Mr. Sujit Kumar	Dr. R.N. Gupta	“Safety and Quality parameters in Cosmetics: Existing regulatory provisions and recommendation for new regulatory guidelines in Indian scenario”	2015
33	PHD/ 18/2005 Mr. Awdhesh Oraon	Dr. B.N. Sinha	“Phytopharmacological Studies on Biophytum Species—an important folk Medicine of Jharkhand”	2015
34	PHD/19/2010 Ms. Amrita Mishra	Dr. S. Jha	“Standardization of an Ayurvedic Polyherbal Formulation – <i>Brahmi vati</i> – A Medhya Rasayan”	2015
35	PHD/67/2010 Ms. Ladli Kumari	Dr. (Mrs.) P. Mitra Mazumder	“Investigation of some Indigenous Medicinal Plants for Attenuating Diabetic Nephropathy”	2015
36	PHD/PH/1060/2010 Mr. Jinu Isaac	Dr. S. Ganguly	“Enhancement of Bioavailability of Poorly Water Soluble Drugs for the Treatment of Hypertension and Diabetes Mellitus by Suitable Physical Methods”	2015
37	PHD/100/2009 Mr. Ajay Kumar	Dr. P.R.P. Verma Dr. Tausif Monif	“Development and Validation of Bioanalytical LC-MS/MS Assay Methods for Olmesartan and Hydrochlorothiazide in Human Plasma and their Application to Pharmacokinetics Studies”	2015

38	PhD/112/2009 Mr. Hari Krishan Tiwari	Dr. P.R.P. Verma Dr. Tausif Monif	“Evaluation of Dogs as an Animal model for Comparative Bioavailability Studies on Drug Products with the overall Goal to Serve as a Substitute For Human Data Pilot Biostudies”	2015
39	PHD/18/2010 Mr. Jagdish Kumar Sahu	Dr. (Ms.) S. Ganguly	“Synthesis and Study of Some Fused Triazole Analogs”	2016
40	PH.D/PH/1061/2010 Mr. Praveen R.	Dr. P.R.P. Verma Dr. Sandeep Kr. Singh	“Design, Development and Evaluation of gastroretentive delivery system of some poorly absorbable drugs”	2016
41	PHD/74//2010 Mr. Shailesh Kumar Singh	Dr. B.N. Sinha	“Isolation and biological evaluation of Lac constituents, produced by <i>Kerria lacca</i> , Kerr”	2016
42	PHD/77/2010 Mrs. Neeru Singh	Dr. (Mrs.) S.M. Verma	“Evaluation of Antibacterial Activity of Cationic Lipidic Emulsions”	2016
43	PHD/PH/1007/2011 Mr. Surender Singh Jadav	Dr. B.N. Sinha Dr. J. Venkatesan	“Design and Synthesis of Antiviral Agents for Chikungunya Viral Infections”	2016
44	PHD/80/2010 Mr. Alok Shiomurti Tripathi	Dr. (Mrs.) P. Mitra Mazumder	“Study of Drug Interaction of an Anti diabetic Agent (Sulphonyl urea) with a Selective Phosphodiesterase V Inhibitor in diabetic Nephropathy”	2016
45	PHD/PH/1054/2011 Mr. B. Sanjeeb Kumar Patro	Dr. D. Sasmal	“Pharmacological Evaluations of <i>Canthium coromandelicum</i> (Burm. f.) Alston”	2016
46	PHD/69/2010 Mr. M.P. Raghunath	Dr. D. Sasmal Dr. Mitra Dhanaraj	“Comparative Study of Isoxsuprine and Nifedipine in Suppression of Preterm Labour in human Volunteers”	2016
47	PHD/99/2009 Mr. Sudershan Kumar	Dr. P.R.P. Verma Dr. Tausif Monif	“Therapeutic Equivalence of Orlistat Capsule in Healthy Adult Male Human Subjects”	2016
48	PHD/75/2010 Mr. Jagannath Behera	Dr. B.N. Sinha	“Design and Synthesis of some newer Histone Deacetylase (HDAC) Inhibitors as Anticancer Agents”	2016
49	PHD/PH/1051/2011 Mr. Ram Kumar Dubey	Dr. Manik	“Bioanalytical method development and Validation of a few selected antihypertensive drugs	2016
50	PHD/PH/1056/2010 Mr. V. Dinesh Kumar	Dr. P.R.P. Verma	“Formulation Development and Evaluation of Quercetin Loaded Nanoparticles as Anti-infective Agent”	2016

51	PHD/PH/10002/2012 Ms. Samridhi	Dr. Sandeep Kr. Singh	“Studies on Self-emulsifying Systems as Nanocarriers of Loratadine Using Formulation by Design Approach”	2016
52	PHD/PH/1005/2011 Ms. Geeta Yadav	Dr. (Ms.) S. Ganguly	“Synthesis and study of Some novel Benzimidazole analogs”	2016
53	PHD/PH/1062/2010 Mr. Radhe Shyam Bahare	Dr. (Ms.) S. Ganguly	Synthesis and Studies of Some Novel Thiazolidine Analogs”	2016
54	PHD/PH/1052/2010 Mr. Pravinkumar Namdeorao Sable	Dr. (Ms.) S. Ganguly Dr. P.D. Chaudhari	“Synthesis and Study of Some Novel Hetrocycles with the Diketo Moiety as Possible Antimicrobial Agents”	2016
55	PHD/PH/1004/2011 Mr. Jerome K. George	Dr. P.R.P. Verma Dr. Sandeep Kr. Singh	“Design, development and evaluation of nanocapsules based delivery system of some drugs”	2016
56	PHD/PH/10004/2012 Mr. Abhishek Kumar	Dr. S. P. Pattanayak	“Molecular Evaluation of Some Phenolic Compounds for their Anti-cancer Activity Against Mammary Carcinogenesis”	2017
57	PHD/PH/1008/2011 Mr. Timiri Ajay Kumar	Dr. B.N. Sinha Dr. J. Venkatesan	“Design, Synthesis and Screening of Small Molecule Inhibitors against Dengue Virus”	2017
58	PHD/PH/1013/2011 Mr. Vishnu Nayak B.	Dr. B.N. Sinha Dr. J. Venkatesan	“Design, Synthesis and Biological Screening of Monoamine Oxidase Inhibitors”	2017
59	PHD/107/2009 Ms. Saumya Das	Dr. (Mrs.) P.M. Mazumder Dr.(Mrs.) Sanjita Das	“Phytopharmacological Studies of <i>Berberis aristata</i> DC. stem on Functional Gastrointestinal Disorders”	2017
60	PHD/PH/10007/2012 Ms. Pinki Rawat	Dr. (Mrs.) S.M. Verma	“Synthesis and Pharmacological Evaluation of Some Chroman Analogs”	2017
61	PHD/72/2010 Mr. Sandeep Kumar	Dr. R.N. Gupta	“Design and Development of Solid-amorphous Dispersions Based Controlled Drug Delivery Systems for Poorly Soluble Drugs”	2017
62	PHD/PH/10003/13 Ms. Debalina Das	Dr. K. Jayaram Kumar Dr. S. Jha	“Phytopharmaceutical Studies on Some Polysaccharides of <i>Curcuma angustifolia</i> Roxb. and <i>Kaempferia galanga</i> Linn.”	2017
63	PHD/PH/10011/2012 Mr. Biplab Debnath	Dr. (Ms) S. Ganguly	”Synthesis and Study of Some Newer Isatin Analogs”	2017
64	PHD/PH/1020/2010 Mr. Umesh Nandkumar Khatavkar	Dr. K. Jayaram Kumar Dr. S. Laxman Shimpi	“Novel Approaches for Development of Oral Controlled Release Drug Delivery System for Some Selective Central Nervous System Acting Drugs	2017

65	PHD/76/2010 Mohd Neyaz Ahsan	Dr. P.R.P. Verma	“Lipid Based Self Emulsifying Drug Delivery System of Some Poorly Water Soluble Drugs	2017
66	PHD/PH/10005/2012 Mr. Afzal Hussain	Dr. Sandeep Kr. Singh	“Design, Development and Evaluation of Lipid Based Nanoparticle of Some Anti-tubercular Drugs”	2017
67	PHD/101/2009 Mr. Pankaj Omprakash Partani	Dr. (Mrs.) S.M. Verma	“Development and Validation of Bioanalytical Assay Methods for Atypical Drugs in Human Plasma and their Application to Pharmacokinetics	2018
68	PHD/114/2009 Ms. Poonam Vats	Dr. (Mrs.) S.M. Verma Dr. Tausif Monif	“Matrix Effect Evaluation of Drugs using different model of Sciex Mass Spectrometer by Different Ionization and Sample Processing Techniques and its application in BA/BE Studies”	2018
69	PHD/70/2010 Ms. Arti Banerjee	Dr. P.R.P. Verma Dr. Subhash Gore	“Design, Fabrication and Evaluation of Controlled Porosity Osmotic Pumps Based Drug Delivery System of a Few Drugs	2018
70	PHD/PH/10017/2012 Mr. Sandeep Kumar	Dr. Sandeep Kr. Singh	“Design, Development and Optimization of Carvedilol Loaded Silk Nanoparticles”	2018
71	PHD/68/2010 Mr. Arun Mittal	Dr. (Ms.) Anima Pandey Dr. S. Sardana	“A Comparative Evaluation of few <i>Jasminum species</i> for their wound healing activity”	2018
72	PHD/PH/10002/2013 Mr. N. Paramakrishnan	Dr. K. Jayaram Kumar Dr. S. Jha	“Phytopharmaceutical Studies on <i>Cyperus alulatus</i> Kern. and <i>Kyllinga nemoralis</i> Forst & Forst. Rhizomes”	2018
73	PHD/137/2009 Mr. Chanchal Kr. Mishra	Dr. D. Sasmal	“Phytochemical and Pharmacological Studies on fruits and roots of <i>Carissa carandas</i> Linn.”	2018
74	PHD/103/2009 Ms. Atiya Akhtar Khan	Dr. B.N. Sinha Dr. Uma Ranjan Lal	“Pharmacognostical, Phytochemical and Pharmacological Studies on Commercial varieties of Piper betle Linn. (Piperaceae)”	2018
75	PHD/PH/10018/2012 Mr. Anoop Kumar	Dr. (Mrs.) Neelima Sharma	“Immunotoxic Profile of Deltamethrin in Murine Thymocytes and Splenocytes: Attenuation by Phytoconstituents and Immunomodulatory Drugs”	2018
76	PHD/PH/1058/2011 Ms. Sabina Yasmin	Dr. Venkatesan J.	”Design and synthesis of PPAR modulators as possible antidiabetic agents”	2018
77	PHD/PH/1052/2011 Mr. P. Mahesh Kumar	Dr. Animesh Ghosh	“In Vitro characterization of micro sponge loaded gel for topical delivery – evaluation of safety and efficacy”	2018
78	PHD/PH/10013/2012 Mr. Hasan Ali	Dr. Sandeep Kr. Singh	“Design, Development and Evaluation of Solid Lipid Nanoparticles of Furosemide”	2018

79	Ph.D/PH/10015/2012 Mr. Shinu Chacko	Dr. S. Samanta	“Design, Synthesis and Screening of Some novel compounds against Hepatocellular Carcinoma”	2018
80	PHD/PH/10016/2012 Mr. Sushil Suresh Rao Burle	Dr. S. Samanta	“Design, Synthesis and Hepatoprotective Study of Some Hybrid Taurine Amino Acid and Peptide Analogues”	2018
81	PHD/PH/10012/2012 Ms. Sony Jacob K	Dr. (Ms.) S. Ganguly	“Synthesis and Study of Newer Pyrazole Analogs”	2018
82	PHD/79/2010 Mr. Mahendra Pratap Chopra	Dr. (Mrs.) P. Mitra Mazumder	“Antidiabetic and Wound healing Studies on Leaves of <i>Salvia splendens</i> Sellow ex Roem & Schult”	2018
83	PHD/111/2009 Mr. Manas Kumar Das	Dr. (Mrs.) P. Mitra Mazumder	“Neuropharmacological Studies of <i>Butea monosperma</i> (Lam.) Kuntze”	2018
84	PHD/PH/10003/2012 Ms. Sima Singh	Dr. Uma Ranjan Lal	“Formulation and Evaluation of Curcumin Loaded Multiparticulate System for Ulcerative Colitis”	2018
85	PHD/116/2009 Mr. Venkata Krishna Akula	Dr. B.N. Sinha Dr. Han Jeongseok -	“Analytical Method Development and Validation for a few Antihistaminic Drugs by High Performance Liquid Chromatography	2018
86	PHD/PH/1056/2011 Mr. Pankaj M. Pimpalshende	Dr. R.N. Gupta	“Formulation and Evaluation of Lipid based Carrier for Nasal Drug Delivery System of some Anti Depressant Drugs”	2018
87	PHD/PH/10053/2013 Mohd Usman Mohd Siddique	Dr. B.N. Sinha Dr. Vekatesan J.	“Design, Synthesis and Biological Evaluation of Cytochrome P450 Inhibitors as Anticancer Agents”	2019
88	PHD/PH/10051/2014 Mr. Sabyasachi Swain	Dr. (Mrs.) Trishna Bal	“Fabrication and Development of Interpenetrating Polymeric Network System for Pharmaceutical and Biomedical Applications”	2019
89	PHD/PH/10006/2012 Md.Wasimul Haque	Dr. S. P. Pattanayak	“Molecular Signaling Mechanism of Taxifolin on Mammary Cancer Model in Sprague Dawley Rats”	2019
90	PHD/PH/10014/2012 Mr. Aniruddha Mukherjee	Dr. Sugato Banerjee Dr. Kalyan Kumar Sen	“Investigation of Neuropharmacological Parameters Associated with Metabolic Syndrome in Murine Model ”	2019
91	PHD/PH/1053/2011 Mr. Padma Charan Behera	Dr. Manik	“Phytochemical and Pharmacological Investigations on <i>Aerva lanata</i> Linn. - A Plant Medicine for Urolithiasis”	2019
92	PHD/PH/10054/2012 Mr. Viswanathan S.	Dr. P.R.P. Verma Dr. Ganesan -	“Bioanalytical Method Development, Validation and Pharmacokinetic Study of Omega-3-Fatty Acid Ethyl Esters Formulation Using LC-MS/MS”	2019
93	PHD/PH/10051/2013 Ms. Bina Kumari Mehta	Dr. Sugato Banerjee	“Studies on Neurological Complications Associated with Type 2 Diabetes in murine model”	2019

94	PHD/PH/1012/2011 Ms. Deepanwita Maji	Dr. S. Samanta	“Design, Synthesis and Antidiabetic Studies of Amino Acid Substituted Thiazolidinediones and Hybrid Peptide Analogues”	2019
95	PHD/PH/10051/2015 Mr. Saundray Raj Soni	Dr. Animesh Ghosh	“Development and Characterization of Chemically Modified Non-Toxic Biopolymers for Therapeutically Effective Controlled Drug Delivery System”	2019
96	PHD/PH/10002/2016 Mr. Chekuri Ashok Kr. Varma	Dr. K. Jayaram Kumar	“EXPLORING SOLUBLE POLYSACCHARIDES FROM SEEDS OF <i>Peltophorum pterocarpum</i> (DC.) K. Heyne. AND <i>Albizia lebbek</i> (L.) Benth. AS PHARMACEUTICAL EXCIPIENTS”	2019
97	PHD/PH/10052/2013 Mr. Rohit Singh	Dr. (Ms.) S. Ganguly	“Design, Synthesis and Studies on Some Newer N-Substituted Azoles”	2019
98	PHD/PH/10001/2015 Ms. Joyani Das	Dr. (Mrs.) Papiya Mitra Mazumder	“Investigation of the Role of Some Flavonoids in Diabetes Induced Macrovascular Complications Using Murine and Chick Embryo Models”	2019
99	PHD/66/2010 Mr. Naresh Panigrahi	Dr. (Ms.) S. Ganguly	“Synthesis and study of some novel oxazolidinone analogs”	2019
100	PHD/PH/10051/2012 Mr. Kamal Kant	Dr. Manik	“Phytochemical and Biological Investigations on <i>Arisaema tortuosum</i> (Wall.) Schott – Folklore of Western Himalayan Region”	2019
101	PHD/PH/10053/2014 Mr. Dhruv Jha	Dr. (Mrs.) Papiya Mitra Mazumder	“Pharmacological Evaluations of <i>Madhuca longifolia</i> (J. Koenig ex. L.) in Obesity Linked Type 2 diabetes”	2019
102	Mr. Suddhasattya Dey PHD/PH/10003/2016	Dr. Manik	“Chemical and Biological Investigation of Laccaic Acids From <i>Laccifer lacca</i> (Kerr)”	2020
103	Mr. Naresh Kumar Rangra PHD/PH/10052/2014	Dr. S. Samanta	“Phytochemical and Biological Evaluation of the Phytoconstituents Isolated from the Leaves of <i>Acacia auriculiformis</i> Benth”	2020
104	Pritha Bose PHD/PH/10001/2017	Dr. Shakti P. Pattanayak	“Evaluation of Anti-Cancer Potential of Few Polyphenolic Compounds with Plasmonic Nano-Materials: A Non-Invasive Therapeutic Approach for Breast Cancer”	2021