Department of Pharmaceutical Sciences & Technology

Number of Ph.Ds. awarded during the last five years

Sl. No.	Name of the PhD scholar	Name of the guide/s	Title of the thesis	Year of award of PhD
1.	Arti Banerjee	Dr. P. R. P. Verma	Design, Fabrication and Evaluation of Controlled Porosity Osmotic Pumps Based Drug Delivery System of a Few Drugs	2019
2.	Sandeep Kumar	Dr. S. K. Singh	Design, Development and Optmization of Carvedilol Loaded Silk Nanoparticles	2019
3.	N. Paramakrishnan	Dr. K. Jayaram Kumar	Phytopharmaceutical Studies on Cyperus alulatus Kern. And Kyllinga nemoralis Forst & Forst. Rhizomes	2019
4.	Chanchal Kumar Mishra	Dr. D. Sasmal	Phytochemical and Pharmacological Studies on Fruits and Roots of *Carissa carandas* Linn	2019
5.	Atiya Akhtar Khan	Dr. B. N. Sinha & U. R. Lal	Pharmacognostical, Phytochemical and Pharmacological Studies on Commercial varieties of *Piper betle* Linn (Piperaceae)	2019
6.	Anoop Kumar	Dr. N. Sharma	Immunotoxic Profile of Detamethrin in Murine Thymocytes and Splenocytes: Attenuation by Phytoconsitituents and Immunomodulatory Drugs	2019
7.	Sabina Yasmin	Dr. Venkatesan J.	Design and Synthesis of PPAR Modulators as Possible Antidiabetic Agents	2019
8.	Mahesh Kumar	Dr. A. Ghosh	In vitro Characterization of Microsponge Loaded Gel for Topical Delivery - Evaluation of Safety and Efficacy	2019
9.	Hasan Ali	Dr. S. K. Singh	Design, Development and Evaluation of Solid Lipid Nanoparticles of Furosemide	2019
10.	Shinu Chacko	Dr. S. Samanta	Design, Synthesis and Screening of Some Novel Compounds Against Hepatocellular Carcinoma	2019
11.	Abhishek Kumar	Dr. S. P. Pattanayak	Molecular Evaluation of Some Phenolic Compounds for Their Anti-cancer Activity Against Mammary Carcinogenesis	2018
12.	Timiri Ajay Kumar	Dr. B. N. Sinha & Dr. Venkatesan J.	Design, Synthesis and Screening of Small Molecule Inhibitors Against Dengue Virus	2018
13.	Vishnu Nayak Badavath	Dr. B. N. Sinha & Dr. Venkatesan J.	Design, Synthesis and Biological Screening of Monoamine Oxidase Inhibitors	2018
14.	Saumya Das	Dr. P. M. Mazumder	Phytopharmacological Studies of Berberis aristata DC. Stem on Functional Gastrointestinal Disorders	2018
15.	Pinki Rawat	Dr. S. M. Verma	Synthesis and Pharmacological Evaluation of Some Chroman Analogs	2018

16.	Sandeep Kumar	Dr. R. N. Gupta	Design and Development of Solid-amorphous Dispersion Based Controlled Drug Delivery Systems for Poorley Soluble Drugs	2018
17.	Debalina Das	Dr. K. Jayaram Kumar & Dr. S. Jha	Phytopharmaceutical Studies on Some Polysaccharides of *Curcuma angustifolia* Roxb. and *Kaempfera galanga* Linn.	2018
18.	Biplap Debnath	Dr. S. Ganguly	Synthesis and Study of Some Newer Isatin Analogs	2018
19.	Umesh Nandkumar Khatavkar	Dr. K. Jayaram Kumar	Novel Approaches for Development of Oral Controlled Release Drug Delivery System for Some Selective Central Nervous System Acting Drugs	2018
20.	Mohd Neyaz Ahsan	Dr. P. R. P. Verma	Lipid Based Self Emulsifying Drug Delivery System of Some Poorly Water Soluble Drugs	2018
21.	Afzal Hussain	Dr. S. K. Singh	Design, Development and Evaluation of Lipid Based Nanoparticle of Some Antitubercular Drugs	2018
22.	Pankaj Omprakash Partani	Dr. S. M. Verma	Development and Validation of Bioanalytical Assay Methods for Atypical Drugs in Human Plasma and Their Application to Pharmacokinetic Studies	2018
23.	Poonam Vats	Dr. S. M. Verma	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
24.	Praveen R.	Dr. S. K. Singh & Dr. P. R. P. Verma	Design, Development and Evaluation of Gastroretntive Delivery System of Some Poorly Absorbable Drugs	2017
25.	Shailesh Kumar Singh	Dr. B. N. Sinha & Dr. K. Mukhopadhyay	Isolation and Biological Evaluation of Lac Constituents Produced by *Kerria lacca*, Kerr	2017
26.	Neeru Singh	Dr. S. M. Verma	Evaluation of Antibacterial Activity of Cationic Lipidic Emulsions	2017
27.	Surender Singh Jadav	Dr. B. N. Sinha & Dr. Venkatesan J.	Design and synthesis of Antiviral Agents for Chikungunya Viral Infections	2017
28.	Alok Shiomurti Tripathi	Dr. P. M. Mazumder	Study of Drug Interaction of an Antidiabetic Agent (Sulphonylurea) with a Selective Phosphodiesterase V Inhibitor in Diabetic Nephropathy	2017
29.	Jaganath Behera	Dr. B. N. Sinha	Design and Synthesis of Some Newer Histone Deacetylas (HDAC) Inhibitors as Anticancer Agents	2017
30.	Ram Kumar Dubey	Dr. Manik	Bioanalytical Method Development and Validation of a Few Selected Antihypertensive Drugs	2017

31.	Dinesh Kumar	Dr. P. R. P. Verma	Formulation Development and Evaluation of Quercetin Loaded Nanoparticles as Anti-infective Agent	2017
32.	Samridhi	Dr. S. K. Singh	Studies on Self-emulsifying Systems as Nanocarriers of Loratadine Using Formulation by Design Approach	2017
33.	Geeta Yadav	Dr. S. Ganguly	Synthesis and Study of Some Novel Benzimidazole Analogs	2017
34.	Radhe Shyam Bahare	Dr. S. Ganguly	Synthesis and Studies of Some Novel Thiazolidine Analogs	2017
35.	Pravinkumar Namdeorao	Dr. S. Ganguly	Synthesis and Study of Some Novel Heterocycles with the Diketo Moiety as Possible Antimicrobial Agents	2017
36.	Jerome K. George	Dr. S. K. Singh & Dr. P. R. P. Verma	Design, Development and Evaluation of Nanocapsule Based Delivery System of Some Drugs	2017
37.	Kavita Gahlot	Dr. S. Jha	Pharmacognostic and Pharmacological Evaluation of Flemingia Species of Uttrakhand	2016
38.	Pushpedra Kumar	Dr. S. Jha	Standardization of an Ayurvedic Formulation: Shatavaryadi Churna	2016
39.	Kalyan Kumar Sethi	Dr. S. M. Verma	Design, Synthesis and Pharmacological Evaluation of Some Human Carbonic Anhydrase Inhibitors	2016
40.	Aadesh Upadhyay	Dr. P. M. Mazumder	Development of Herbal Based Compound Formulation for Wound Closure, Healing in Battle Field Instant Acute Injury	2016
41.	Deepika	Dr. K. Jayaram Kumar	Studies on Polysacchrides of Dioscorea and Colocasia as Pharmaceutical Adjuvant	2016
42.	R. Paramaguru	Dr. P. M. Mazumder	Investigation of Antidiabetic Potential of *Pterospermum aecrifolium* (L.) Willd (Family: Sterculiacease)	2016
43.	Subhasis Banerjee	Dr. S. Ganguly	Synthesis and Study of Some Triazole Analogs	2016
44.	Parmanand Verma	Dr. R. N. Gupta	Studies on Surface Modified Eudragit Nanaoparticulate Suspension for the Mangement of Glaucoma	2016
45.	Sameer D. Kulkarni	Dr. B. N. Sinha & Dr. K. Jayaram Kumar	Studies on *Lagenaria Siceraria* (Mol.) Standley Friut and its Formulation	2016
46.	Dinesh M. Biyani	Dr. P. R. P. Verma	Formulation and Evaluatiion of Ghrita: An Ayurvedic Preparation Containing Ghee	2016

47.	Mahesh R. Mishra	Dr. P. R. P. Verma	Studies on Influence of Exposure to Electrical and Electromagnetic Fields of Some Drugs During Crystallization of Crystal Habits and Pharmaceutical Utility	2016
48.	Sujit Kumar	Dr. R. N. Gupta	Safety and Quality Parameters in Cosmetics: Existing Regulatory Provisions and Recommendation for New Regulatory Guidelines in Indian Scenario	2016
49.	Amrita Mishra	Dr. S. Jha	Standardization of an Ayurvedic Polyherbal Formulation - Brahmi vati - A Medhya Rasayan	2016
50.	Ladli Kumari	Dr. P. M. Mazumder	Investigation of Some Indigenous Medicinal Plants for Attenuating Diabetic Nephropathy	2016
51.	Jinu Issac	Dr. S. Ganguly	Enhancement of Bioavailability of Poorly Water Soluble Drugs for the Tratment of Hypertension and Diabetes Mellitus by Suitable Physical Methods	2016
52.	Ajay Kumar	Dr. P. R. P. Verma	Development and Validation of Bioanalytical LC-MS/MS Assay Methods for Olmesartan and Hydrochlorthiazide in Human Plasma and Their Application to Pharmacokinetics Studies	2016
53.	Hari Krishan Tiwari	Dr. P. R. P. Verma	Evaluatio of Dogs as an Animal Model for Comaprative Bioavailabilty Studies on Drug Products with the Overall Goal to Serve as a Substitute for Human Data Pilot Biostudies	2016
54.	Shaswat Kansal	Dr. P. R. P. Verma	Surface Modified Polyelectrolyte Reservoir Bearing Chemotherapeutic Agents for Effective Mangement of Viscersl Leishnamiasis	2015
55.	Shakti Deep Pachauri	Dr. P. R. P. Verma	Phytopharmaceutical Evaluation of *Morinda citrifolia* L. (NONI) and Development of Herbal Formulation	2015
56.	Shubham Banerjee	Dr. A. Ghosh	Fabrication and Assessment of Sustained Release combinational Pro;hylactic Transdermal Antidotes Against ACh-Neurotoxin	2015
57.	Radha Shekar	Dr. B. N. Sinha & A. Mukhopadhya	Chiral Mehod Development for a New Anti-tubercular Compound and Studies on Enantiospecific Antitubercular Activity	2015
58.	Bhupendra Shrestha	Dr. B. N. Sinha & Dr. N. R. Bhuiyan	Analytical Method Development for Some cephalosporin Drugs in Combination with Beta-lactamase Inhibitors in Pharmaceutical Dosage Forms	2015
59.	Santanu Kaity	Dr. A. Ghosh	Biopharmaceutical Evaluation of Chemically Modified Locust Bear Gum for Oral Controlled Release Drug Delivery System	2015
60.	Biswatrish Sarkar	Dr. D. Sasmal	Antioxidative and DNA Protective Properties of Anthocyanins	2015

61.	Awdhesh Oraon	Dr. B. N. Sinha	Phytopharmacological Studies on Biophytum Speices - An Important Folk Medicine of Jharkhand	2015
62.	Jagdish Kumar Sahu	Dr. S. Ganguly	Synthesis and Study of Some Fused Triazole Analogs	2015
63.	Arun Mittal	Dr. A. Pandey	A Comparative Evaluation of Few Jasminum species for Their Wound Healing Activity	2015
64.	Abhimanyu Dev	Dr. R. N. Gupta	Development of Microencapsulation of *Vibrio cholerae* and its proteins to study the Immunological Importance of Oral Vaccine	2014
65.	Sandeep Kumar Bansal	Dr. B. N. Sinha & Dr. R. L. Khosa	Design, Synthesis and Pharmacological Screening of GABA Analogues as Novel Anticonvulsants	2014
66.	Nibha Mishra	Dr. D. Sasmal	Pharmacological Studies of Enzyme Inhibiors Identified Through Computatiional Pharmcological Approaches Against Alzheimer's Disease	2013
67.	Arijit Basu	Dr. B. N. Sinha	Design, Synthesis and Biological Evaluation of Some Amidoxime Analogues	2013
68.	S. P. Pattanayak	Dr. P. M. Mazumder	Evaluation of Anti-tumor Potency on Chemical Induced Rat Mammary Carcinoma Model and Immunomodulatory Activities of Hemiparasite *Dendrophthoe falcate (L.f)* Ettingsh	2012
69.	Priyashree Sunita	Dr. S. Jha	Pharmacognostical, Phytochemical and Pharmacological Investigations on an Ayurvedic Plant, *Cressa cretica Linn*	2012
70.	M. P. Raghunath	Dr. D. Sasmal	Comparative Study of Isoxuprine and Nifedipine in Suppression of Preterm Labour in Human Volunteers	2017