



# SHRINATHJI INSTITUTE OF PHARMACY

UPALI ODEN, NATHDWARA, DIST. RAJSAMAND, RAJASTHAN (INDIA)-313001

**Approved by Pharmacy Council of India (PCI), New Delhi and**

**Affiliated to RUHS, Jaipur (Govt. of Rajasthan)**

## **RESEARCH PROJECTS**

Research involves students merging external sources with their unique perspectives on a topic, not merely repeating facts. It's about thoughtfully blending these sources with ideas derived from reading and reflection. Our institute's students have applied their expertise to investigate diverse aspects of product development, spanning pre-clinical testing, analytical method development, and adopting conventional or novel formulation approaches.



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## UNDERGRADUATE PROJECT TOPICS

Session 2021-22

Name of Students	Topic	Supervisor
Aman Kumar	IN SILICO STUDY OF BENZOTHAZOLE ANALOG FOR THEIR NOWEL TARGETING ANTI- CANCER APPROACHES	M.Choudhary
Mali Devansh		
Rahul Chaplot	NOWEL MIXED HYDROTROPIC SOLUTIONS FOR SPECTROSCOPIC ANALYSIS	Dr. D.B Joshi
Rathod Suraj Singh		
Rajat Chouhan		
Ritvik Gamot	ESTIMATION OF PARACETAMOL AND ACECLOFENAC BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	Dr. R.S.Bhadauria
Janak Kumar Khatri		
Ratan Lal Dhobi		
Niraj Kumar Gupta	PHYTOCHEMICAL SCREENING AND THIN LAYER CHROMATOGRAPHY OF PLANT EXTRACT(CURCUMA LONGA) BY USING UV PHOTO SPECTROMETRY	Sandhya.S.
Riya Intodiya	SYNTHESIS AND CHARACTERIZATION OF NOVEL SUBSTITUTED ISATIN DERIVATIVES	Dr. Gunjan. J
Deepak Khatik		
Kiran Joshi		
Nehal Nandwana		



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Sanu kumar srivastav		
Dikshant Jain	PHYTOCHEMICAL SCREENING AND	DR.RSB
Rinku Kunwar	CHARACTERIZATION OF LEAVES	
Ashwini Singh Bhatti	EXTRACT OF Cascabela theveti FOR ANTISPERMATOGENIC ACTIVITY	
Alok		
MD Nisar	SYNTHESIS AND IN SILICO STUDY	MR. MANGILAL
Priyanshi Kumari	OF BENZOTHAIAZOLE DERIVATIVES	
Gulnaaz Banu	FOR THEIR NEWER ANTI-CANCER	
Vikas Gupta	TARGETS	
Rahul Kumar		
Kushwaha	PHYTOCHEMICAL SCREENING AND	Dr. Deshbandhu
Fiyaz Ahmed Imtiyaz	CHARACTERIZATION AND	
Maniyar	PHARMACOLOGICAL EVALUTION	
Singh Sorabh Bachan	OF LEAVES EXTRACT OF CASSIA	
MD Danish	<i>FISTULAS</i>	
Pradhun Pal		



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## UNDERGRADUATE PROJECT TOPICS

Session 2022-23

Name of Students	Topic	Supervised
Naresh Paliwal	SYNTHESIS AND CHARACTERIZATION OF PHENYL ACETIC ACID HYDRAZONE DERIVATIVES	Dr. Gunjan. Jadon
Sona Patidar	SYNTHESIS OF SCHIFF BASE FROM NATURAL PRODUCTS AND THEIR REMARKABLE ANTIMICROBIAL ACTIVITY	
Rahul kumar kushwah		
Surbhi Rai		
Ansari Sahil		
Kuldeep Sirvi	SYNTHESIS, CHARACTERIZATION OF HYDRAZONE DERIVATIVES	
Chetan Suthar	FORMULATION AND EVALUATION OF ALBENDAZOLE NANOPARTICLES	Mr. Awadh Kishor
Akila Kouser		
Gautam Champalal Suthar		
Ayush Jha		
Pooja Regar		
Bhawna	FORMULATION AND EVALUATION OF FLOATING MATRIX TABLET OF <i>LOSARTAN</i> FOR GASTRO-RETENTIVE DRUG DELIVERY	Mr. Ankur Sharma
Imran		
Dimple Rajput		
Omkar Verma		
Dipu Gupta		
Jayesh Puri Goswami	<i>RIBOFLAVIN</i> - TARGETED DRUG DELIVERY SYSTEM	Mr. Ankur Sharma
Patwa Deepak		
Dhiraj Kumar		
Abhishek Kumar Gupta		



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Kiran Kumar		
Vikram Singh	FORMULATION OF HERBAL COSMETIC	Ms. Chandani Yadav
Indubala	FORMULATION AND EVALUTION OF ANTIBIOTIC TABLET	
Nikhil Mishra	FORMULATION AND EVALUTION OF ANTI-HISTAMINE TABLET	
Animesh Singh	FORMULATION AND EVALUTION OF ANTI-ULCER TABLET	
Karan Nath	A PROJECT ON	
Moh. Sajid	FORMULATION, EVALUTION OF ACECLOFENAC (CONTROL RELEASE DRUG DELIVERY SYSTEM)	Mrs. Ayushi S.
Jayesh Jain		
Rakesh Mali	PREPARATION AND EVALUTION OF HERBAL MOSQUITOREPELLENT	Mrs. Ayushi S.
Rekha Sharma		
Mansoor Contractor		
Suthar Deepesh		
Nagendra Gupta		
Manmohan Singh Rao	FORMULAION AND EVALUTION OF POLYHERBAL MOUTHWASH ( <i>AZARDIRACHTA INDICA</i> , <i>OCIMUM SANCTUM</i> , <i>SYZYGIUM AROMATICUM</i> & <i>MENTHA ARVENSIS</i> )	Ms. Sandhya S
Suthar Prahlad	FORMULAION AND EVALUTION OF HERBAL HAIR	



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	CONDITONER ( <i>PEPPERMINT, HIBISCUS, ALOEVERA, ROSEMARY</i> )	Ms. Sandhya S
Neha Sen	FORMULAION AND EVALUTION OF HERBAL MEDICATED TOOTHPASTE ( <i>CLOVE OIL, NEEM, BABUL, KALMI</i> )	
Chouhan Jitendra	FORMULATION OF HERBAL FACE CREAM ( <i>ALOE VERA, AMLA, CUCUMBER</i> )	
Suraj Bohra	FORMULATION OF HERBAL LOTION ( <i>VIRGIN COCONUT OIL, ALOE VERA, BEEWAX, COCOA BUTTER</i> )	
Ajay Kumar Pandey	PHYTOCHEMICAL SCREENING AND THIN LAYER CHROMATOGRAPHY OF FLOWER EXTRACT(TAGETES ERECTA) BY USING UV SPECTROMETRY	
Thana Ram	PHYTOCHEMICAL SCREENING AND THIN LAYER CHROMATOGRAPHY OF LEAF EXTRACT( <i>AZADIRACHTA INDICA</i> ) BY USING UV SPECTROMETRY	
Nemaram Sirvi	PHYTOCHEMICAL SCREENING AND THIN LAYER CHROMATOGRAPHY OF STEM	



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	EXTRACT(WITHANIA SOMNIFERA) BY USING UV SPECTROMETRY	
Ashutosh Choubisa  Manisha Kanwar	SYNTHESIS AND CHARACTERIZATION OF PHENYL ACETIC ACID HYDRAZONE DERIVATIVES	Dr. Gunjan. Jadon
Deepika Kumari Regar	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUTION OF BENZIMIDAZOLE DERIVATIVES	Ms. Yasmin Banu
Bhavika Trivedi		
Mannu Pandey		
Rahul Kushwah		
Hiralal	IN-SILICO STUDY OF BENZOTHAZOLE ANALOG FOR THEIR NOWEL TARGETING ANTI-CANCER APPROACHES	Mr. Mangilal
Radheshyam Sing	NOVEL MIXED HYDROTROPIC SOLUTIONS FOR SPECTROSCOPIC ANALYSIS	Dr. Deshbandhu
Lalit Khatik		
Anupam Singh	SYNTHESIS AND CHARACTERIZATION OF NOVEL SUBSTITUTED ISATIN DERIVATIVES	Mr. Awadh Kishor
Mahesh Menaria		
Ram ji Lal	ESTIMATION OF PARACETAMOL, AND ACECLOFENAC BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	Dr. Deshbandhu



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Om Prakash Sharma	ESTIMATION OF PARACETAMOL, AND ACECLOFENAC BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	Dr. Raghvendra Singh
Rajendra Kumar	FORMULATION OF HERBAL COSMETIC	Ms. Chandani Yadav
Jayesh Ranka		
Mangilal		
Inder Singh		



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## **POSTGRADUATE PROJECT TOPICS (Pharmaceutical Chemistry)**

**Session 2021-22**

<b>Name of Student</b>	<b>Name of the Topic</b>	<b>Supervisor</b>
Aswin Kumar	Synthesis of novel coumarin derivatives and its biological evaluation	Yasmin Banu
Bhanu Prakash Choudhary	To synthesize, characterization and pharmacological evaluation of substituted isatin derivatives	
Jitendra Kumar	Anticancer and analgesic activity of synthesize novel substituted hydrazide derivatives	Dr. Gunjan. Jadon
Umesh Pal	Synthesis, characterization and biological evaluation of some mannich bases of benzimidazoles	Yasmin Banu
Shraddha Singh	Synthesis, characterization and evaluation of antimicrobial activity of some hetero fused pyrimidine derivatives	Dr. Gunjan. Jadon
Yuvraj Joshi	Synthesis, characterization and antiinflammatory activity of phenylacetic acid hydrozone derivatives	
Aditya Thakur	Process validation of sevelamer hydrochloride film coated tablet	Dr. Deshbandhu Joshi
Jitendra	Bioanalytical method development and validation for estimation of OLANZAPINE in K3 EDTA a human plasma	
Rakesh Pal Singh	Phytochemical screening of Baleria Prionitis L. and Baleria Elegans Plants by hydrotropic solvent	
Sakharam Sirvi	QSAR, docking based design, synthesis and evaluation of benzimidazole derivatives as antimalarial agent	Dr. Raghvendra Singh



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**Session 2020-21**

<b>Name of Student</b>	<b>Name of the Topic</b>	<b>Supervisor</b>
Daizy Chouhan	Synthesis, characterization and evaluation of some heterofused pyrimidine derivatives	Dr. Gunjan. Jadon
Pragati Tomar	Novel hydrotropic solutions used as mobile phase to carry out TLC of drugs	Dr. Deshbandhu Joshi
Narayan Lal	Phytochemical and pharmacological investigation of ARGEMONE MEXICANA	Pawan T/ S.S



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## **POSTGRADUATE PROJECT TOPICS (Pharmaceutics)**

### **Session 2021-22**

<b>Name of Student</b>	<b>Name of the Topic</b>	<b>Supervisor</b>
Preeti Chaudhary	Formulation and evaluation of Nanospheres of mesalmine for the colon target drug delivery system	Mr. Awadh K
Supriya Sarangdewot	Formulation and evaluation of liposomes containing tretinoin	

### **Session 2020-21**

<b>Name of Student</b>	<b>Name of the Topic</b>	<b>Supervisor</b>
Chandan Singh	Formulation and evaluation of Nanoparticles containing isolated compounds of PUERARIN	Mr. Awadh K
Mugdha Sharma	Formulation and evaluation of MOXIFLOXACIN microbeads for oral delivery system	Mr. Awadh K
Shivani Laxkar	Development and Evaluation of ALBENDAZOLED nanoparticules for treatment of inflammatory bowel disease	Mr. Awadh K