

Student Centric Methods

2.3 Details of Student centric methods, such as experiential learning, participative learning and problem Solving methodologies are used for enhancing learning experiences using ICT tools are given below-

Summary of Protocol Writing

INDEX

Sr. No	Academic year	Particulars
1.	Summary of all years	View
2.	A Y 2022-23	View Summary
3.	A Y 2021-22	View Summary
4.	A Y 2020-21	View Summary
5.	A Y 2019-20	View Summary
6.	A Y 2018-19	View Summary

Summary of Research Publications

INDEX

Sr. No	Academic year	Particulars
1.	Summary of all years	View
2.	A Y 2022-23	View Summary
3.	A Y 2021-22	View Summary
4.	A Y 2020-21	View Summary
5.	A Y 2019-20	View Summary
6.	A Y 2018-19	View Summary

Summary of all years- Protocol Writing

SN	Academic Year	Number of Protocols
1.	2022-23	26
2.	2021-22	21
3.	2020-21	21
4.	2019-20	25
5.	2018-19	20

Summary of all years- Publications


SN	Academic Year	Number of Publications
1.	2022-23	42
2.	2021-22	51
3.	2020-21	43
4.	2019-20	43
5.	2018-19	59

[BACK TO INDEX](#)

Summary of Protocol Writing A Y 2022-23

RECORD OF FORM B IN IAEC MEETING

Date: - 27 December 2022

Sr. No.	Name of Investigators	Number of Animals Use (Wistar)	Title of Project	Date of Approval	Approval Number	Sign of Chairman	Sign of Nominee	Sign of Member Secretary
1.	Mr. Swapnil Lad Mrs. Swati Kolhe	60 Wistar Rats	Evaluation of the Anti-hyperlipidemic activity of CORMS of <i>Colocasia esculenta</i> in Poloxamer-407 and Fructose induced hyperlipidemic model of Wistar Rats.	27/12/2022	CPCSEA/IAEC/ PT-01/02-2K22			
2.	Mr. Sushrut Oza Dr. Tina Saldanha	66 Wistar Rats	Evaluation of Hepatoprotective effect of hydroalcoholic extract of <i>Ricinus communis L.</i> on Isoniazid/Thioacetamide induced Hepatotoxicity in Wistar Rats.	27/12/2022	CPCSEA/IAEC/ PT-02/02-2K22			
3.	Mr. Manthan Rode Mrs. Swati Kolhe	84 Wistar Rats	To evaluate the beneficial effects of <i>Liquorice</i> on Neurobehavioral parameters in autism spectrum disorder related phenotype in Wistar rats.	27/12/2022	CPCSEA/IAEC/ PT-03/02-2K22			
4.	Ms. Mansi Jagdale Dr. Sachin Tembhurne	32 Wistar Rats	Study of Nutritional Composition containing Millets and Kefir for Its Health Promoting Effects in Protein Deficient Undernourished Rats	27/12/2022	CPCSEA/IAEC/ PT-04/02-2K22			
5.	Ms. Anjali Mundhe Dr. Tina Saldanha	40 Wistar Rats	To evaluate the Anxiolytic effect of aqueous root extract of <i>Glycyrrhiza Glabra</i> (Liquorice) in Maternal separation and cold stress induced Anxiety disorder in wistar rats	27/12/2022	CPCSEA/IAEC/ PT-05/02-2K22			
6.	Ms. Mitali Dange Dr. Sachin Tembhurne	60 Wistar Rats	To evaluate Wound healing activity of topical formulations containing Bovine colostrum in experimental model of rats.	27/12/2022	CPCSEA/IAEC/ PT-06/02-2K22			


7	Ms. Reshma Shelar Dr. Tina Saldanha	60 Wistar Rats	Investigation of the effect of Marketed Probiotic Formulations (Enterogermina and Nutrolin B plus capsules) in Non-Alcoholic Fatty Liver Diseases in Wistar Rats.	27/12/2022	CPCSEA/IAEC/ PT-07/02-2K22		
8	Ms. Priyanka Waghulde Dr. Tina Saldanha	64 Wistar Rats	“Ameliorative effect of methanolic extract of <i>Tectona grandis</i> flower on drug-induced nephrotoxicity.	27/12/2022	CPCSEA/IAEC/ PT-08/02-2K22		
9	Ms. Mansi Kulkarni Dr. Sachin Tembhurne	42 Wistar Rats	To determine Wound healing activity of Silver Nanoparticles transdermal film and gel of Dapsone on Wistar Rats.	27/12/2022	CPCSEA/IAEC/ PT-09/02-2K22		
10	Mr. Hitesh Gundesha Dr. Sachin Tembhurne	30 Wistar Rats	Evaluation of PHF of <i>Withaniasomnifera</i> and piper nigrum in Glucocorticoid induced Diabetes Gastroparesis in Wistar rats Rejected	27/12/2022	CPCSEA/IAEC/ PT-10/02-2K22		
11	Ms. Asawari Mansabdar Mrs. Swati Kolhe	60 Wistar Rats	Evaluation of neuroprotective activity of <i>Macrotyloma uniflorum</i> in neurodegenerative disease on Wistar rat.	27/12/2022	CPCSEA/IAEC/ PT-11/02-2K22		
12	Mr. Saurabh Ade Dr. Tina Saldanha	46 Wistar Rats	Evaluation of anti-obesity effect of aqueous extract of <i>Luffa acutangula</i> fruits in cafeteria diet induced young obese rats	27/12/2022	CPCSEA/IAEC/ PT-12/02-2K22		
13	Ms. Chetashri Patil Mrs. Swati Kolhe	96 Wistar Rats	To Investigate the possible beneficial role of Cinnamon in Autism Spectrum Disorder Related Phenotypes in Albino Wistar Rat.	27/12/2022	CPCSEA/IAEC/ PT-13/02-2K22		
14	Mr. Rohit Nalawade Mrs. Swati Kolhe	60 Wistar Rats	To evaluate the Anti-hyperlipidemic activity of <i>Adenocalymma alliaceum</i> in Experimental models of Wistar rats.	27/12/2022	CPCSEA/IAEC/ PT-14/02-2K22		

15	Mr.AniketVasatkar Dr.Sachin Tembhurne	32Wistar Rats	Effect of millet based nutritional composition on neurobehavioural parameters in prenatal and postnatal stage in undernourished rats	27/12/2022	CPCSEA/IAEC/ PT-15/02-2K22		
16	Ms.Pranjali Gaikwad Dr. Monica RP Rao	12Wistar Rats	Evaluation of skin irritation study for topical preparation containing Curcumin loaded emulgel in wistar rats.				
17	Ms. Mayuri Ghavate Dr.Mangesh Bhalekar	24Wistar Rats	Evaluation of Colon targeted microspheres of Boswellic acid and cinnamon extract for colonic diseases.	27/12/2022	CPCSEA/IAEC/ PT-17/02-2K22		
18	Mr.AbhishekPawar Dr. Rahul Padalkar	48Wistar Rats	Evaluation of Hemostatic activity of Foam based dressing system containing Chitosan, Kaolin, Zeolite, Alginate, Collagen, Poloxamer, Gelatin, cellulose, Starch, HPMC, Graphene oxide in Wistar rats.	27/12/2022	CPCSEA/IAEC/ PT-18/02-2K22		
19	Mr. Ayush SadanshiveDr.Mithun Bandivadekar	24Wistar Rats	Evaluation of Beta-Cyclodextrin based nanogel for vaginal drug delivery in wistar rats.	27/12/2022	CPCSEA/IAEC/ PT-19/02-2K22		
20	Ms. Reshma Mate Dr.Ashwini Madgulkar	24Wistar Rats	Formulation and Evaluation of diabetic wound healing activity of gel	27/12/2022	CPCSEA/IAEC/ PT-20/02-2K22		
21	Ms.ShraddhaPhalake Dr.Ashwini Madgulkar	58Wistar Rats	"Determination of pharmacokinetic profile of cinnamon extract formulations (pastilles/ solid dispersion) and evaluation of its pharmacodynamic in diabetic rats"	27/12/2022	CPCSEA/IAEC/ PT-21/02-2K22		

22	Mr.SandipSurve Dr.Shashikant Bhandari	84Wistar Rats	Evaluation of Heterocyclic Quinazoline Derivatives on Carrageenan-Induced Rat Paw Edema and Gastric Ulcerogenicity Studies in Albino Wistar Rats	27/12/2022	CPCSEA/IAEC/ PT-22/02-2K22		
23	Mr. Aniket Bhatambrekar Dr. Trupti Chitre	84Wistar Rats	Evaluation of Anti-inflammatory activity of 2-amino 4-phenyl thiazole on carrageenan induced rat paw edema and Gastric Ulcerogenicity on Albino wistar Rats	27/12/2022	CPCSEA/IAEC/ PT-23/02-2K22		
24	Ms. Rutuja Parit Dr. Padmanabh Deshpande	22Wistar Rats	Wound Healing Potential Of Transdermal Patches Containing Bioactive Fraction From The Leaf Of <i>Bauhinia Racemosa</i> In Wistar Rats	27/12/2022	CPCSEA/IAEC/ PT-24/02-2K22		
25	Mr. AbhijeetBidkar Dr. Santosh Gandhi	18Wistar Rats	Pharmacokinetic study of Tolvaptan by developed bioanalytical HPLC method in Wistar rats	27/12/2022	CPCSEA/IAEC/ PT-25/02-2K22		
26	Prajakta P. Chauthe Dr.Santosh Gandhi	18Wistar Rats	Pharmacokinetic study of Itraconazole in rat plasma by HPLC method in Wistar rats	27/12/2022	CPCSEA/IAEC/ PT-26/02-2K22		



4


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[BACK TO INDEX](#)

Summary of Protocol Writing A Y 2021-22



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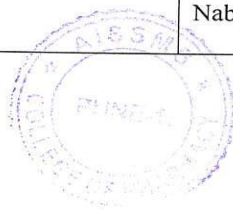


RECORD OF PROTOCOLS IN IAEC MEETING 2021-22

Sr. No.	Name of Investigators	Number of Animals Use	Title of Project	Date of Approval	Approval Number
1.	Aanam Bagwan (PI) Guide: Mrs. Swati Kolhe	60 albino wistar rats	A study of Nootropic Activity of Polyherbal Syrup containing Brahmi, Ashwagandha & Shatavari in Wistar Rats	14.01.2022	CPCSEA/IAEC/ PT-01/02-2K21
2.	Onkar Dindore (PI) Guide: Dr Sachin V Tembhone	12 albino wistar rats	“Effect of nutritional supplement on bioavailability of rifampicin in protein restricted undernourished Female Wistar rats.	14.01.2022	CPCSEA/IAEC/ PT-02/02-2K21
3.	Nikita Kedari (PI) Guide: Mrs. Swati Kolhe	60 albino wistar rats	Preclinical Evaluation of hepatoprotective activity of polyherbal formulation of Piper longum, Allium sativium, Petrocarpus marsupium on wistar rats	14.01.2022	CPCSEA/IAEC/ PT-03/02-2K21
4.	Shraddha Kamthe (PI) Guide: Mrs. Swati Kolhe	30 albino wistar rats	Evaluation of polyherbal formulation containing Glycyrrhiza glabra, Tribulus terretris, Cinnamomum verum for its aphrodisiac activity in Nicotine induced sexual dysfunction laboratory female wistar rat	14.01.2022	CPCSEA/IAEC/ PT-04/02-2K21



5.	Aparna Ashok Lakare (PI) Guide: Dr Sachin V Tembhumne	36 albino wistar rats	To study the effect of novel nutritional supplement on micronutrients and health status in experimental model of Malnourished wistar rats	14.01.2022	CPCSEA/IAEC/ PT-05/02-2K21
6.	Nikhil Potdar (PI) Guide: Dr Sachin V Tembhumne	30 albino wistar rats	Evaluations of effectiveness of Novel Nutritional supplement on the micronutrient levels and glycemia status in experimental model of Malnourished hyperglycemic wistar rats.	14.01.2022	CPCSEA/IAEC/ PT-06/02-2K21
7.	Preetam Palkar (PI) Guide: Dr Sachin V Tembhumne	24 albino wistar rats	Evaluation of the effect of nutritional supplement on the bioavailability of Glibenclamide in malnourished wistar rat model”	14.01.2022	CPCSEA/IAEC/ PT-07/02-2K21
8.	Apurva Pawar (PI) Guide: Mrs. Swati Kolhe	40 albino wistar rats	Evaluation of Polyherbal formulation containing Anacyclus pyrethrum, Giloe and Tribulus terrestris for its Aphrodisiac activity in Nicotine Induced erectile dysfunction male Wistar rats”	14.01.2022	CPCSEA/IAEC/ PT-08/02-2K21
9.	Nisha Satpute (PI) Guide: Mrs. Swati Kolhe	86 albino wistar rats	Evaluation of toxicological profile of polyherbal formulation of (Brahmi, Shatavari, Ashwagandha) as nootropics in wistar rats.	14.01.2022	CPCSEA/IAEC/ PT-09/02-2K21
10.	Aditi Jadhav (PI) Guide: Dr. Mithun M. Bandivadekar	24 albino wistar rats	Vaginal permeability study of cyclodextrin based nanogel of Clotrimazole in Wistar rat.	14.01.2022	CPCSEA/IAEC/ PT-10/02-2K21
11.	Aishwarya Katre (PI) Guide: Dr. Mangesh Bhalekar	24 albino wistar rats	*In vivo study of topical anti-inflammatory formulation containing Nabumetone SLN	14.01.2022	CPCSEA/IAEC/ PT-11/02-2K21



12.	Meghal Sanika Tushar (PI) Guide: Dr. Mangesh Bhalekar	18 albino wistar rats	Evaluation of nanoparticulate system for bioavailability enhancement of an antiretroviral drug Efavirenz	14.01.2022	CPCSEA/IAEC/ PT-12/02-2K21
13.	Shraddha Anil Chaskar (PI) Guide: Dr. Mithun M. Bandivadekar	24 albino wistar rats	To study the permeability of darunavir from cyclodextrin base gel in vaginal delivery	14.01.2022	CPCSEA/IAEC/ PT-13/02-2K21
14.	Shriram Thorat (PI) Guide: Dr. Rahul Padalkar	42 albino wistar rats	Evaluation of wound healing activity of wound dressing containing Aloe vera, Hyaluronic acid and Asiaticoside by using excision wound model in diabetes induced rats	14.01.2022	CPCSEA/IAEC/ PT-14/02-2K21
15	Sushant Vilasrao Deshpande (PI) Guide: Dr. P. B. Deshpande	45 albino wistar rats	Evaluation of dermal toxicity study of novel topical preparation (Dapsone loaded micellar gel) in wistar rats for treatment of acne vulgaris	14.01.2022	CPCSEA/IAEC/ PT-15/02-2K21
16.	Jidnyasa Anil Pawar (PI) Guide: Dr. Monica Rao	12 albino Wistar rats	To study the pharmacokinetic parameters of Nevirapine nano sponges in wistar rats	14.01.2022	CPCSEA/IAEC/ PT-16/02-2K21
17.	Saloni Abhay Sakharwade (PI) Guide: Dr Monica Rao	12 albino Wistar rats	To study the pharmacokinetic parameters of Albendazole nano sponges in wistar rats	14.01.2022	CPCSEA/IAEC/ PT-17/02-2K21
18.	Abhishek Gopal Harne (PI) Guide: Dr. Reshma Mirajkar	24 albino Wistar rats	Evaluation of Skin Irritancy study of Novel Sustained Release Film Forming System Containing Fluconazole in rats	14.01.2022	CPCSEA/IAEC/ PT-18/02-2K21
19.	Vaibhav Kapgate (PI) Guide: Dr. Ashwini R. Madgulkar	12 albino Wistar rats	To study pharmacokinetic parameters of Sertraline Mouth Dissolving Film in Wister rats	14.01.2022	CPCSEA/IAEC/ PT-19/02-2K21



20	Mrs. Swati Kolhe (PI) Dr. Neeraj Sharma	21 Wistar Rats	To perform Acute oral toxicity & determine the effective dose of Polyherbal syrup containing Vacha, Brahmi, Ashwagandha and Shatavari in Wistar Rats for its Nootropic activity in Wistar Rats.	14.01.2022	CPCSEA/IAEC/ PT-20/02-2K21
21	Ms. Ankita Somnath Ingale Dr Mangesh Bhalekar	18 Wistar Rats	“To study pharmacokinetic parameters of cocrystal formulation of BCS class II drug in experimental animal (Wistar Rats)”.	14.01.2022	CPCSEA/IAEC/ PT-21/02-2K21



Dr. Sachin Tembhurne




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[BACK TO INDEX](#)

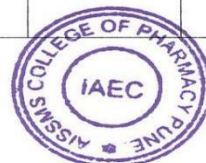
Summary of Protocol Writing A Y 2020-21

RECORD OF PROPOSALS IN IAEC MEETING

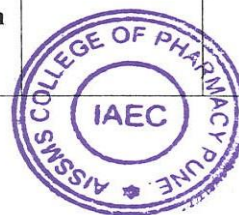
Date:-06/10/2020

Sr. No.	Name of Chief Investigator	Number of Animals Use	Title of Project	Date of Approval	Approval Number	Sign of Chairman	Sign of Nominee	Sign of Member
1.	Dr. Sachin V. Tembhurne Mr. Anirudha A. chaskar	88 albino wistar Rats (male)	Evaluation of Nutritional supplement containing <i>Hordeum vulgare</i> , <i>Vigna radiata</i> , <i>Lens culinaris</i> on micronutrients and health status in experimental model of diabetes and in normal laboratory animals upon long term administration	06/10/2020	CPCSEA/IAEC/PT-01/01-2K20		CPCSEA Nominee	
2.	Dr. Sachin V. Tembhurne Mr. Anup S. Deshmukh	30 Sprague dawley Rats (female)	To evaluate the effect of nutritional supplement containing <i>Lens culinaris</i> , <i>Beta vulgaris</i> and <i>Brassica oleraca</i> on vitamins and micronutrient status in female rat treated with oral contraceptives.	06/10/2020	CPCSEA/IAEC/PT-02/01-2K20		CPCSEA Nominee	
3.	Dr. Sachin V. Tembhurne Mr. Gautam gundecha	140 albino wistar Rats (female)	To evaluate the effect of folic acid rich nutritional supplement containing <i>Lens culinaris</i> , <i>Beta vulgaris</i> and <i>Brassica oleraca</i> in prevention of congenital anomalies and its safety evaluation	06/10/2020	CPCSEA/IAEC/PT-03/01-2K20		CPCSEA Nominee	Member Secretary Institutional Animal Ethics Committee
4.	Ms. Swati kolhe Ms. Pooja kolse	54 albino wistar rats (either sex)	Screening of established NRF2 activators (Cinnamaldehyde) for their potential to attenuate the progression of Non Alcoholic fatty liver disease (NAFLD) in animal model of the disease.	06/10/2020	CPCSEA/IAEC/PT-04/01-2K20		CPCSEA Nominee	
5.	Dr. Sachin V. Tembhurne Mr. Kamlesh Patil	40 Sprague dawley Rats (either sex)	Evaluations of nutritional supplement containing <i>Cajanus cajan</i> , <i>Zea mays</i> , <i>Pumpkin seeds</i> for the prevention and management of malnutrition in protein	06/10/2020	CPCSEA/IAEC/PT-05/01-2K20		CPCSEA Nominee	

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			restricted undernourished rat.					
6.	Ms. Swati kolhe Ms. Payal pingale	70 albino wistar rats (either sex)	Evaluation of Herbal extract containing <i>Allium sativum</i> , <i>Daucus carota</i> , <i>Brossica oleracea</i> , <i>Beta vulgaris</i> & <i>Capsicum annuum</i> on monosodium glutamate induced obese rats.	06/10/2020	CPCSEA/IAEC/ PT-06/01-2K20			
7.	Ms. Swati kolhe Ms. Snehal salve	72 albino wistar rats (either sex)	Evaluation of effect of Cinnamaldehyde in a prevention of Myocardial Infarction in Albino Wistar rats.	06/10/2020	CPCSEA/IAEC/ PT-07/01-2K20			
8.	Ms. Swati kolhe Ms. Shweta shirurkar	70 albino wistar rats (Either sex)	Evaluation of Nutritional supplements of food containing Black eye pea, spinach, Chick pea, Beetroot, Pomegranate on Experimental Wistar Rats for management of anemia	06/10/2020	CPCSEA/IAEC/ PT-08/01-2K20			
9.	Ms. Swati kolhe Ms. Pratima Tambe	30 albino wistar rats (male)	Aphrodisiacs activity of <i>Allium ampeloprasum</i> in male rats	06/10/2020	CPCSEA/IAEC/ PT-09/01-2K20			
10.	Dr. Ashwini Madgulkar Ms. Mrunal more	2 Albino rabbits (either sex)	In-vivo study of Boswellic acid formulation for the treatment of Inflammatory Bowel Disease (IBD) on experimental animals.	06/10/2020	CPCSEA/IAEC/ PT-10/01-2K20			

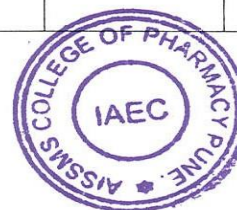


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Institutional Animal Ethics Committee

11.	Dr. Mangesh Bhalekar Mr. Pradip Chavan	18 albino wistar rats (either sex)	To study pharmacokinetic parameters of cocrystal formulation of BCS class II drug in experimental animal (Wistar Rats).	06/10/2020	CPCSEA/IAEC/ PT-11/01-2K20			
12.	Dr. Mangesh Bhalekar Ms. Prajakta mane	18 albino rabbits (either sex)	Pharmacokinetic Evaluation of Rizatriptan buccal patch in experimental animals	06/10/2020	CPCSEA/IAEC/ PT-12/01-2K20			
13.	Dr. Mangesh Bhalekar Ms. Shewta Ahire	24 Rats and 06 Rabbits	In vivo study and irritancy test of topical anti-inflammatory formulation containing sinapic acid SLN.	06/10/2020	CPCSEA/IAEC/ PT-13/01-2K20			
14.	Dr. Sachin V. Tembhurne Mr. Umadoss Pothuvan	48 Rats and 03 Rabbits	To determine pharmacokinetic, biodistribution and skin irritancy of Phosphodiesterase Type 5 Inhibitor (Sildenafil Citrate) Loaded Transdermal patches in Wister Rats/ Rabbits.	06/10/2020	CPCSEA/IAEC/ PT-14/01-2K20			
15.	Mrs. Reshma Mirajkar Mr. Nikhil Patil	18 albino wistar rats	“To study pharmacokinetic of sustained released subcutaneous injection BCS Class □ Drug Vancomycin / BCS class □ drug Diclofenac sodium in wistar rat”.	06/10/2020	CPCSEA/IAEC/ PT-15/01-2K20			
16.	Dr. S.V. Tembhurne Akash Prem Chavan	30 Male and 10 Female rats	Evaluation of Aphrodisiac activity (Vrushya Karma) of <i>Artemisia nilagirica</i> (Clarke) Pamp (Damanak) In male albino rats	06/10/2020	CPCSEA/IAEC/ PT-16/01-2K20			

CPCSEA Nominee


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17.	Dr. Padmanabh Deshpande Mr. Dipak Supe	24 albino wistar rats(either sex)	TO STUDY WOUND HEALING ACTIVITY OF MURAYYA KOENIGII LEAVES EXTRACT USED IN EXPERIMENTAL WISTAR RATS.	06/10/2020	CPCSEA/IAEC/ PT-17/01-2K20			
18.	Dr. Padmanabh Deshpande Mr. Shreeram Temgire	24 albino wistar rats(either sex)	EVALUATION OF IN-VIVO PHARMACODYNAMIC ACTIVITY OF BACCOPA MONNERI PASTILLES IN TREATMENT OF RHUMETOID ARTHRITIS IN EXPERIMENTAL RATS	06/10/2020	CPCSEA/IAEC/ PT-18/01-2K20			
19.	Dr. Padmanabh Deshpande Ms. Shraddha Jadhav	24 albino wistar rats(either sex)	Evaluation of herbal formulation containing <i>Phyllanthus niruri</i> extract antiulcer activity in Rats	06/10/2020	CPCSEA/IAEC/ PT-19/01-2K20			
20	Mr. Rahul Padalkar Kalyani Shinde	42 albino wistar rats(either sex)	Formulation and Evaluation of wound healing activity of herbal product containing Poly herbal paste of Aloe vera, Commiphora myrrha and Boswellia carteri, Calendula Arnica Mother tincture by using rats excision wound model.	06/10/2020	CPCSEA/IAEC/ PT-20/01-2K20			
21	Dr. Ashwini R. Madgulkar Sakshi Bedmutha	36 albino wistar rats(Male)	In vivo pharmacodynamics activity of Boswellic acid SLN in male wistar rats for treatment of rheumatoid arthritis		CPCSEA/IAEC/ PT-21/01-2K20			

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[BACK TO INDEX](#)

Summary of Protocol Writing A Y 2019-20

RECORD OF PROPOSALS IN IAEC MEETING

Date:-30/09/2019

Sr. No.	Name of Chief Investigator and Student	Number of Animals Use	Title of Project	Date of Approval	Approval Number	Sign of Chairman	Sign of Nominee	Sign of Member
1	Dr. Sachin Tembhurne Mr. Naresh Choudhary	24	Acute oral toxicity study of polyherbal formulation (Celastrus paniculatus + Alangium salviifolium + Clitoria ternatea) using experimental wistar rats.	30/09/2019	CPCSEA/IAEC/PT-01/01-2K19			
2	Dr. Sachin Tembhurne Mr. Naresh Choudhary	66 Rats	Neuropharmacological Evaluation of Polyherbal formulation (Celastrus paniculatus + Alangium salviifolium + Clitoria ternatea) using experimental wistar rats.	30/09/2019	CPCSEA/IAEC/PT-02/01-2K19			
3	Mrs. Swati Kolhe Miss. Shubhangi Deshpande	40 Rats	Subacute toxicity study of Momordica charantia in rats	30/09/2019	CPCSEA/IAEC/PT-03/01-2K19			
4	Mrs. Swati Kolhe Miss. Shubhangi Deshpande	24 Rats 24 Mice 24 Guinea pigs	Evaluation of Antiasthmatic activity of Momordica charantia on experimental animals.	30/09/2019	CPCSEA/IAEC/PT-04/01-2K19			
5	Mrs. Swati Kolhe Miss. Hanamghar Dipali	134 Rats	Development and evaluation of product contain nutritious supplementary food (Kidney beans, soyabeans, oats, tomato) for management of anemia in experimental wistar rats.	30/09/2019	CPCSEA/IAEC/PT-05/01-2K19			

CPCSEA Nominee

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6	Dr. Sachin Tembhone Mr. Gangadhar Kedar	46 Rats	Comparative study of health improving effects of colostrum and nutritious food on supplement (kidney beans+ soyabeans+ oats+ tomato) on healthy and under nourished Wistar Rats.	30/09/2019	CPCSEA/IAEC/ PT-06/01-2K19			
7	Mrs. Swati Kolhe Miss. Harshada Lanjekar	60 Rats	Pharmacological evaluation of clove oil for enhancing the thyroid function and associated complication in experimental wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-07/01-2K19			
8	Mrs. Swati Kolhe Miss. Prajakta Murudkar	48 Rats	28 Days repeated dose oral toxicity study of hydro alcoholic extract of Helicteres isora dried fruits in wistar rats	30/09/2019	CPCSEA/IAEC/ PT-08/01-2K19			
9	Mrs. Swati Kolhe Miss. Prajakta Murudkar	60 Rats	Pharmacological evaluation of hydro alcoholic extract of Helicteres isora dried fruits for Ulcerative colitis in experimental rats.	30/09/2019	CPCSEA/IAEC/ PT-09/01-2K19			
10	Mrs. Swati Kolhe Miss Shivani Salokhe	40 Rats	Subacute toxicity study of Rosemanarius officinalis in rats	30/09/2019	CPCSEA/IAEC/ PT-10/01-2K19			
11	Mrs. Swati Kolhe Miss Shivani Salokhe	72 Rats	Preclinical evaluation of hydro alcoholic extract of Rosmarinus officinalis for Peripheral neuropathy on experimental (Wistar) animals.	30/09/2019	CPCSEA/IAEC/ PT-11/01-2K19			

CPCSEA Nominee

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Institutional Animal Ethics Committee



12	Mrs. Swati Kolhe Miss. Rutuja Vibhute	48 Rats	28 Days repeated dose oral toxicity study of hydroalcoholic extract of Sesbania sesban leaves in wistar rats	30/09/2019	CPCSEA/IAEC/ PT-12/01-2K19			
13	Mrs. Swati Kolhe Miss. Rutuja Vibhute	60 Rats	Preclinical evaluation of hydroalcoholic extract of Sesbania sesban leaves for antiulcer activity in experimental rats.	30/09/2019	CPCSEA/IAEC/ PT-13/01-2K19			
14	Dr. Santosh Gandhi Miss. Shubhada Jagtap	24 Rats	In vivo pharmacokinetic study of Rifampicin and isoniazid in Wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-14/01-2K19			
15	Dr. P.B. Deshpande Mr. Sumit Soundale	18 Rats	To study wound healing activity of Murayya koenigii leaves extract used in experimental wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-15/01-2K19			
16.	Dr. P.B. Deshpande Mr. Akshay Kale	24 Rats	Evaluation of In vivo pharmacodynamic activity of Baccopa monneri pastilles in treatment of rheumatoid arthritis in experimental rats.	30/09/2019	CPCSEA/IAEC/ PT-16/01-2K19			
17.	Dr. Mangesh Bhalekar Miss. Pradnya Shirude	36 Rats	Evaluation of in vivo pharmacodynamic activity of Boswellic acid SLN in male Wistar rats for treatment of rheumatoid arthritis.	30/09/2019	CPCSEA/IAEC/ PT-17/01-2K19			

CPCSEA Nominee

(Signature)

Member Secretary

Institutional Animal Ethics Committee

18.	Dr. Ashwini Madgulkar Mr. Tejas Athavale	R	18 Rats	Pharmacokinetic evaluation of solid lipid nanoparticles of Ziprasidone and Dronedarone in Wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-18/01-2K19			
19.	Dr. Ashwini Madgulkar Mrs Manjushree Athavale	R	24 Rats	In vivo study of anti-inflammatory activity and lymphatic uptake of sinapic acid formulations in Wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-19/01-2K19			
20.	Dr. Ashwini Madgulkar Miss. Nisha Thange		36 Rabbits	In vivo studies of acyclovir tablet and rizatriptan buccal patch containing thiomersal in experimental animals.	30/09/2019	CPCSEA/IAEC/ PT-20/01-2K19			
21.	Mr. Rahul Padalkar Mr. Rohit Kharade		48 Rats	To evaluate wound healing activity of wound dressing systems of Curcumin and Syringic acid in experimental rats.	30/09/2019	CPCSEA/IAEC/ PT-21/01-2K19			
22.	Dr. Mangesh Bhalekar Mr. Dhananjay Pagare		12 Rats	Evaluation of pharmacokinetic studies of Nevirapine cocrystal formulation on Wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-22/01-2K19			
23.	Mrs. Reshma Mirajkar Mr. Sanket Basate		18 Rats	Evaluation of pharmacokinetic studies and antibiotic activity of sustained release subcutaneous injection of Vancomycin on wistar rats.	30/09/2019	CPCSEA/IAEC/ PT-23/01-2K19			

CPCSEA Nominee



24.	Dr. Trupti Chitre Miss. Priyanaka Shelke	24 Rats	Development, Evaluation and Antiulcer activity of herbal formulation of Phyllanthus niruri extract in experimental rats.	30/09/2019	CPCSEA/IAEC/ PT-24/01-2K19			
25	Dr. Ashwini R. Madgulkar Ms. Tejinder Kaur Marwaha	18 Rabbits	Evaluation of Pharmacokinetic and In vivo mucoadhesion of formulation containing zidovudine and sumatriptin (microspheres and buccal patch) prepared using novel chitosan thiomers.	30/09/2019	CPCSEA/IAEC/ PT-25/01-2K19			

CPCSEA Nominee

Member Secretary
Institutional Animal Ethics Committee



Summary of Protocol Writing A Y 2018-19

RECORD OF PROPOSALS IN IAEC MEETING

Date:-18/03/2019

Sr. No.	Name of Chief Investigator and Student	Number of Animals Use	Title of Project	Date of Approval	Approval Number	Sign of Chairman	Sign of Nominee	Sign of Member
1	Dr. Ashwini Madgulkar Ms. Tejaswini Jagtap	36 Rats	Evaluation of Lipid nanoparticles of Ginger Extract in CFA induced Rheumatoid Arthritis in wistar rats	18/03/2019	CPCSEA/IAEC/ PT-01/02-2K19			
2	Dr. Mangesh R. Bhalekar Mr. Sumedh Bandu Pradhan	18 Rats	Evaluation of pharmacokinetic studies of Fenofibrate cocrystal formulation on wistar rats	18/03/2019	CPCSEA/IAEC/ PT-02/02-2K19			
3	Dr. Ashwini Madgulkar Mr. Sushant Amale	18 Rats	In vivo Pharmacokinetic Evaluation of Mometasone Furate For Nasal Drug Delivery System In Wistar Rat	18/03/2019	CPCSEA/IAEC/ PT-03/02-2K19			
4	Dr. Mangesh R. Bhalekar Miss. Prinkle Ashok Ramteke	24 Rats	Evaluation of Diabetic Wound Healing Activity Of Simvastatin Microemulsion Based Hydrogel In Wistar Rats	18/03/2019	CPCSEA/IAEC/ PT-04/02-2K19			
5	Mrs. Reshma N. Mirajkar Mrs. Kalyani Pruthviraj Dhavale	48 Rats	Evaluation of Pharmacokinetic Studies and Analgesic Activity of Sustained Release Epidural Injection of Analgesic Drug on Wistar Rat	18/03/2019	CPCSEA/IAEC/ PT-05/02-2K19			


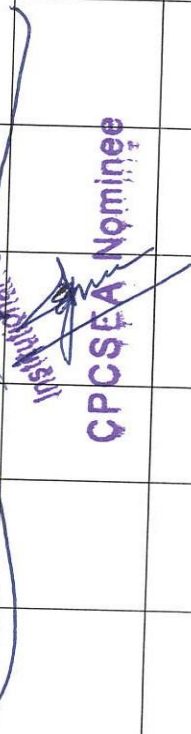


6	Dr. Ashwini Madgulkar Mr. Rahul R. Padalkar	18 Rats 18 Rabbits	In Vivo Evaluation of Granisteron Nasal Drug Delivery System In Rabbit and Rat	18/03/2019	CPCSEA/IAEC/ PT-06/02-2K19	
7	Dr. S.V. Tembhurne Ms. Riana Baig	79 Rats	Pharmacological Screening of crude extract of <i>Peucedanum grande</i> , a medicinal plant for Possible Anti-Inflammatory and Anti-Ulcer Properties	18/03/2019	CPCSEA/IAEC/ PT-07/02-2K19	
8	Dr. Ashwini Madgulkar Mr. Rahul R. Padalkar	18 Rats 18 Rabbits	In Vivo Evaluation of Rizatriptan for Nasal Drug Delivery System In Rabbit and Rat	18/03/2019	CPCSEA/IAEC/ PT-08/02-2K19	
9.	Dr. Monica RP Rao Ms. Sayali Kulkarni	18 Rats	To Evaluate Bioavailability Study of Cilnidipine in Wistar Rats	18/03/2019	CPCSEA/IAEC/ PT-09/02-2K19	




RECORD OF PROPOSALS IN IAEC MEETING

Date:-03/10/2018

Sr. No.	Name of Chief Investigator	Number of Animals Use	Title of Project	Date of Approval	Approval Number	Sign of Chairman	Sign of Nominee	Sign of Member	
1	Mr Vishal Raskar Dr. Mangesh R. Bhalekar	36 Rats	Evaluation of Coffee Beans extract Lipid Nanoparticles in CFA induced Rheumatoid Arthritis in wistar rats	03/10/2018	CPCSEA/IAE C/ PT-01/01-2K18	 Institutional Animal Ethics Committee Chairman	 CPCSEA Nominee		
2	Mr. Swapnil Rajendra Todkar Dr. M.C. Damle	60 Rats	To Study the Hepatoprotective and Anti-inflammatory activity of Onion peel extract used in Experimental Animals.	03/10/2018	CPCSEA/IAE C/ QA-02/01-2K18				
3	Miss. Shruti Suhas Bhagwat Dr. P.B.Deshpande	50 Rats	To Study the Anti-Inflammatory and Wound Healing Activity of Herbal Gel of <i>Helicterus isora</i> Linn Plant Extract	03/10/2018	CPCSEA/IAE C/ QA-03/01-2K18				
4	Mr. Akshay Dilip Dhamane Dr. P.B.Deshpande	36 Rats	To Study Hepatoprotective Activity of Guggul Plant Extract Used in Experimental Animals.	03/10/2018	CPCSEA/IAE C/ QA-04/01-2K18				
5	Ms. Priyanka Deepak Kandhare Dr. P.B. Deshpande	24 rats	To study the Anti-inflammatory and Wound healing activity of Herbal cream of <i>Sesbania sesban</i> (Linn) Plant extract	03/10/2018	CPCSEA/IAE C/ QA-05/01-2K18				
6	Ms. Sandhya Nikam Mrs. Swati Kolhe	110 Rats	Preclinical evaluation of <i>Sesbania grandiflora</i> flower extract for antihyperlipidemic and antiobesity activity	03/10/2018	CPCSEA/IAE C/PC-06/01-2K18				



7	Ms. Mayuri Shelar Mrs. Swati Kolhe	60 Rats	Chemoprotective effect of Buchanania lanzan seed extract on cisplatin induced toxicity in wistar rats	03/10/2018	CPCSEA/IAE C/ PC-07/01- 2K18		
8	Ms. Mrunal Vaidya Mrs. Swati Kolhe	90 Rats	Preclinical evaluation of ethanolic extract of <i>Dalbergia sissoo</i> for female sexual dysfunction on experimental animals.	03/10/2018	CPCSEA/IAE C/ PC-08/01- 2K18	 <p>Handwritten signature and stamp of the Institutional Ethics Committee.</p>	
9	Ms. Nishigandha Yadav Mrs. Swati Kolhe	82 Rats	Evaluation of aphrodisiac property of <i>Celosea argentea</i> extract in experimental animal	03/10/2018	CPCSEA/IAE C/ PC-09/01- 2K18		
10	Mr. Gangadhar B. Gundlewad Dr. S.V. Tembhurne	54 Rats	“Pharmacological Screening of 2-Amino-4-Aryl Thiazole and 2-Phenyl-7-substituted Phenyl Quinoxaline Derivatives for Possible Anti-Inflammatory Properties”	03/10/2018	CPCSEA/IAE C/ OP-10/01- 2K18		
11	Mr. Nitesh Janbandhu Dr. S.V. Tembhurne	56 Rats	“Antiobesity Activity of Orlistat Liposomes in High Fatty Diet induced Obese Rats”	03/10/2018	CPCSEA/IAE C/ OP-11/01- 2K18		



[BACK TO INDEX](#)

Summary of Research Publications 2022-23



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PUBLICATIONS 2022-23

SR.NO.	AUTHORS	SUMMARY OF PUBLICATION	N/IN
UGC Paper			
1.	Tejinder K Marwaha ,Ashwini Madgulkar , Mangesh Bhalekar , Kalyani Asgaonkar , Rajesh Gacheche , Pallavi Shewale	Tailoring the properties of chitosan by grafting with 2-mercaptobenzoic acid to improve mucoadhesion: in silico studies, synthesis and characterization	IN
2.	Ashish Guha,Mangesh Bhalekar	pastillation with amorphous synthetic polymers: a key to solubility enhancement of poorly soluble drugs.	N
3.	Monica Raghavendra Prasad Rao, Ashwini Sanjay Sonawane, Sharwari Alhad Sapate, Chetan Hasmukh Mehta, UshaYogendra Nayak	. Molecular modeling and in vitro studies to assess solubility enhancement of nevirapine by solid dispersion technique. Journal of Molecular Structure. Volume 1273, 2023, 134373,	IN
4.	Monica RP Rao, Sushant Deshpande, Padmanabh Deshpande	Dapsone-Loaded Mixed Micellar Gel for Treatment OF Acne Vulgaris. AAPS PharmSciTech (2023) 24:109. https://doi.org/10.1208/s12249-023-02564-1 .	IN
5.	Monica RP Rao, Isha Ghadge, Saurav Kulkarni, Tanya Asthana.	Computational Techniques for Drug Repurposing: A paradigm shift in drug discovery. Current Drug Therapy. Early online March 2023.	IN
6.	Mirajkar Reshma, Harne Abhishek, Daghe Shyam, Madgulkar Ashwini.	Formulation And Evaluation Of Topical Sustained Release Film Forming Gel Of Fluconazole, World Journal Of Pharmacy And Pharmaceutical Sciences, Volume 12, Issue 2,Jan 2023	IN
7.	Mrinalini C. Damle, Nivedita B. Pawar	“Stability indicating HPLC method for Sofosbuvir and Daclatasvir in combination” Indian Drugs, 59(10), (2022), 74-79	N
8.	Mrinalini Damle, Sayali Sheth	“Stability indicating HPTLC method for active principle Psoralen and its application to accelerated stability testing of marketed formulation” Indian Journal of Traditional Knowledge, 21(4), (2022), 760-765.	N



9.	. Meghana Pansare, Mrinalini Damle	“Development and validation of dissolution method for Linagliptin tablets” Asian Journal of Pharmaceutical and Clinical Research, 15(8), (2022), 170-174.	IN
10.	Pooja Gurav, Mrinalini Damle	Bioanalytical method for estimation of Teriflunomide in human plasma” International Journal of Pharmacy and Pharmaceutical Sciences, 14(9), (2022), 19-23.	IN
11.	M.C. Damle, O.A. Shinde	“Stability indicating HPTLC method for Bedaquiline Fumarate” Research Journal of Pharmacy and Technology, 15(9), (2022), 3952-3956.	N
12.	Damle MC and Pardeshi RR	“Comparative study of Ultraviolet spectroscopy and High Performance Thin Layer Chromatographic method for eluxadoline” International Journal of Biology, Pharmacy and Allied Sciences, 11(11), (2022), 5570-5577	IN
13.	M.C. Damle, A. D. Chandan	“Kinetic study of hydrolytic degradation of Rivaroxaban by HPTLC” Research Journal of Pharmacy and Technology, 15(12), (2022), 5495-5500.	N
14.	Pooja Gurav, Mrinalini Damle	“Bioanalytical method for Teriflunomide estimation by HPLC” Asian Journal of Pharmaceutical and Clinical Research, 16(1), (2023), 72- 75.	IN
15.	Pansare M, Damle M	Bioanalytical methods for estimation of Gliclazide in human plasma” International Journal of Biology, Pharmacy and Allied Sciences, 12(4), (2023), 1799-1808.	IN
16.	Shashikant V. Bhandari, Om G. Nagras, Pranali V. Kuthe, Aniket P. Sarkate, Kaustubh S. Waghmare, Dattatraya N. Pansare, Somdatta Y. Chaudhari, Shivraj N. Mawale, Mrunal C. Belwate,	Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole-1,3,4 oxadiazole Derivatives, Journal of Molecular Structure, Volume 1276, 2023, 134747, ISSN 0022-2860,	IN
17.	Shashikant V. Bhandari, Shailee V. Tiwari, Aniket P. Sarkate, Deepak K. Lokwani, Dattatraya N. Pansare, Surendra G. Gattani, Sameer S. Sheaikh, Shirish P. Jain	Explorations of novel pyridine-pyrimidine hybrid phosphonate derivatives as aurora kinase inhibitors, Bioorganic & Medicinal Chemistry Letters, Volume 67, 2022, 128747, ISSN 0960-894X,	IN
18.	Bhandari SV, Kuthe P, Patil SM, Nagras O, Sarkate AP	. A review: Exploring Synthetic Schemes and Structure-Activity Relationship (SAR)	IN



		studies of Mono-carbonyl Curcumin Analogues for Cytotoxicity Inhibitory Anticancer ,ISSN (Print): 1570-1794. ISSN (Online)Activity. Current Organic Synthesis. 2023 Jan. DOI: 10.2174/1570179420666230126142238. PMID: 36703591.	
19.	S. V. Bhandari, A. P. Sarkate, P. P. Sarode, K. S. Karnik, I. S. Narula, B. D. Kale, V. S. Jambhorkar & A. P. Rajhans	. Convenient Microwave-Assisted Chlorosulfonic Acid-Catalyzed Synthesis of Some Quinazolinones from 2-Phenylindole. Russ J Org Chem 58, 428–432 (2022). https://doi.org/10.1134/S107042802203023X	IN
20.	Santosh V. Gandhi* , Manisha Jagtap.	“Development And Validation Of Stability Indicating Hptlc Method For Determination Of Icuratimod In Bulk And Pharmaceutical Dosage Form” International Journal of Pharmacy and Pharmaceutical Sciences, 2022, 14 (11), 31-36.	IN
21.	Shital M Patil,,Kalyani D Asgaonkar, Bhairavi Bakhle, Kshitija Abhang, Ayush Khater, Muskan Singh, Trupti S Chitre	In Search of HIV Entry Inhibitors Using Molecular Docking, ADME, and Toxicity Studies of Some Thiazolidinone-Pyrazine Derivatives Against CXCR4 Co-receptor Curr HIV Res. 2022 Aug 12;20 (2):152-162. DOI: 10.2174/1570162X20666220214123331	IN
22.	Shashikant V. Bhandari,,Vaibhav Raut, Shital M. Patil, Aniket Sarkate	A rational approach to anticancer drug design: 2D and 3D-QSAR, molecular docking and prediction off ADME properties using in-silico studies of thymidine Phosphorylase inhibitors Letters in drug design and discovery, Published on: 14 th June 2022, Volume 20, Issue 2, 2023. DOI: 10.2174/1570180819666220215115633	IN
23.	Shital M. Patil*,Shashikant V. Bhandari	Optimization of Pharmacophore of Novel Hybrid Nucleus of 1,3,4-oxadiazole-chalcone Using Literature Findings and In-silico Approach as EGFR Inhibitor(E-pub Ahead of Print) Letters in drug design and discovery, Published on: 09 th June, 2022 Volume 20, Issue 6, 2023, 779 - 791. DOI: 10.2174/1570180819666220414102310	IN
24.	Patil Shital, Pradhan K, Tanksali S, Jain J	Diverse Synthetic Approaches and Biological Activities of Lucrative Pyrimidine-Triazine Hybrid Derivatives: A Review, Current Organic Synthesis, 20 Sep 2022, Volume 20, Issue 7, 2023, Published on: 28 December, 2022, Page: [734 - 757] DOI: 10.2174/1570179419666220920093734	IN
25.	K.D. Asgaonkar,Shital.M.Patil,	In search of HIV entry inhibitors using molecular docking, ADME and toxicity	IN



	Bhairavi Bakhle, kshitijaAabhang, Muskan singh, Trupti Chitre	studies of some Thiazolidinone-Pyrazine derivatives against CXCR4 co-receptor. Current HIV research, 2022, 20(2), 152-162	
26.	K.D. Asgaonkar, Tejinder K. Marwaha · Ashwini Madgulkar · Mangesh Bhalekar · Kalyani Asgaonkar · Rajesh Gachche · Pallavi Shewale	Progress in Biomaterials, Tailoring the properties of chitosan by grafting with 2-mercaptobenzoic acid to improve mucoadhesion: in silico studies, synthesis and characterization. 2022, 11: 397-408.	IN
27.	K.D. Asgaonkar, Kalyani Asgaonkar*, Shital Patil, Kunal Pradhan, Sushruti Tanksali, Jidnyasa Jain	Diverse Synthetic Approaches and Biological Activities of Lucrative Pyrimidine-Triazine Hybrid Derivatives: A Review, current organic synthesis. DOI: 10.2174/1570179419666220920093734	IN
28.	Kalyani Asgaonkar*, Sushruti Tanksali, Kshitija abhang, Ashwini Sagar	Development of optimized pyrimido-thiazole scaffold derivatives as anticancer and multitargeting Tyrosine Kinase Inhibitors using Computational Studies. Journal of Indian Chemical society . 100 (2023) 100803. https://doi.org/10.1016/j.jics.2022.100803	IN
29.	T S Chitre ,Sheetal Parse, K.D Asgaonkar, Vijay Khedkar, Shivani Jadhav, Kunal Pradhan	QSAR and molecular docking studies of 5-benzylidene-on-2-adamantylthiazol[3,2-b][1,2,4] triazol-6,9,10-ones derivatives as antimicrobial activity. IJPER ,2023,57(1):194-201. doi:10.5530/001954641712	IN
30.	Aparna Lakare, Preetam Palkar, Nikhil Potdar, Onkar Dindore, Sachin V. Tembhurne	Malnutrition: A detailed examination of government programs and nutritional reports. Science technology and development journal volume XI , issue 5 , May 2022 , Pg no - 674 -684	IN
31.	Preetam Palkar, Aparna Lakare, Nikhil Potdar, Onkar Dindore, Sachin V. Tembhurne	Malnutrition related diabetes mellitus (MRDM): current status. NOVI MIR research journal, vol 7 , issue 5 , may 2022, Pg no : 51-56	IN
	Non-UGC Paper		
32.	Monica RP. Rao, Omkar Kudumble	Factorial Design Experiments for Preparing Sustained Release Matrix Tablets of Meclizine HCl. Int J Pharm Pharmaceu Res., 2022; Vol. 25 (1): 435-451.	N
33.	Monica RP. Rao* , Amruta S. Badhe, Jidnyasa Pawar, Sushant Deshpande, Omkar	Enhancement Of Bioavailability Of Poorly Water-Soluble Drug By Solid SMEDDS'. Indo American Journal of Pharmaceutical Research.2022;12(05).424-439.	N
34.	Monica RP. Rao* , Suhen N. Chutake, Madhura R. Patil, Saloni A. Sakharwade	Oral Controlled Release And Taste Masked Suspension Of Cephalexin Using Ion Exchange Resin. Indo American Journal of	N



		Pharmaceutical Research.2022:12(05). 440-450.	
35.	Mirajkar Reshma, Bhalekar Mangesh, Daghe Shyam, Harne Abhishek, Madgulkar Ashwini.	Formulation Development Of ophthalmic insitu gel forming system of antifungal drug Clotrimazole Drug International Journal Of Pharmaceutical Research and Applications ,Volume 8 ,issue 1,341-347,Jan –Feb 2023,	IN
36.	Mirajkar Reshma, , Daghe Shyam, Harne Abhishek, Madgulkar Ashwini.	Insitu film forming systems International Journal Of Pharmacy and Pharmaceutical Research Volume 24 ,issue 3, Jun 2022	IN
37.	Mrinalini Damle and Ankita Mahajan	“Development of Stability indicating HPTLC method for Teriflunomide” European Journal of Pharmaceutical and Medical Research, 9(8), (2022), 310-315	IN
38.	Mrinalini Damle,Roshani Pardeshi, Akash Bhusari	“Difference spectrometric method – hydrolytic degradation monitoring of Eluxadoline” International Journal of Pharmaceutical Research and applications, 8(1), (2023), 1327- 1332.	IN
39.	Santosh V. Gandhi, Varsharani S. Pawar	“Method Development and Validation for Estimation of Remogliflozin etabonate in Bulk Formulation and Dissolution Media”Science, Technology and Development Journal, JULY 2022, Volume XI Issue VII, 288-294.	IN
40.	Santosh Gandhi* and Vinod Gaikwad.	“Development And Validation Of Dissolution Method For Zidovudine Tablets Using Uv Visible Spectrophotometry” World Journal of Pharmacy and Pharmaceutical Sciences. 2022, 11 (8), 1555-1561	IN
41.	Santosh V. Gandhi*, Hanmant A. Bade	“Development and Validation of UV-Spectrophotometric Method for Estimation of Favipiravir” International Journal of Pharmacy and Pharmaceutical Research, July 2022 Vol.:24, Issue:4, 172-179	IN
42.	Santosh V. Gandhi, Hanmant A. Bade, Manisha S. Jagtap, Shivani R. Sawarkar, Varsharani S. Pawar, Vinod V.Gaikwad.	“Comprehensive Review on Various Analytical Methodologies for the Estimation of Lamivudine. International Journal of Pharmacy and Pharmaceutical Research, June 2022, 24 (3), 29-41.	IN



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[BACK TO INDEX](#)

Summary of Research Publications 2021-22



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PUBLICATION 2021-22

SR. NO.	AUTHORS	CO-AUTHORS	SUMMARY OF PUBLICATION	N/IN
PHARMACEUTICS				
1.	Ashwini Madgulkar	Mangesh Bhalekar, Sakshibedmutha	An Oral Drug Delivery of Solid Lipid Nanoparticles, Characterization and Evaluation, Publication in International journal of research education and scientific methods (IJARESM), ISSN No - 2455-6211, Volume 9, Issue 8, August 2021.	N
2.	SH Rao	Mangesh R Bhalekar, Samruddhi H Kelkar, Shivani S Godbole, Riddhesh A Kharche	<u>Testing the Efficacy of Transungual Drug Delivery System (Nail Lacquer) Containing Terbinafine Against Aspergillus brasiliensis for the Topical Treatment of Onychomycosis, BioRxiv</u>	IN
3.	Mahesh Paithankar	Mangesh Bhalekar	Quality by Design Enabled Development and Optimization of the Nanoparticulate System of Cabazitaxel, International Journal of Pharmaceutical Sciences and Drug Research, 2022;14(1):1-10	Int
4.	S Trivedi,	S Thool, K Wadher, M Bhalekar, P Bire	<u>Self-Assembling Dioscorea bulbifera loaded mixed micelles: Formulation optimization, in-vitro cytotoxicity and in-vivo pharmacokinetics Journal of Drug Delivery Science and Technology 65, 102722</u>	Int
5.	Ashwini Madgulkar	Mangesh Bhalekar, Shehankitgawade	Applications of Pharmaceutical cocrystals, Publication in International journal of research education and scientific methods (IJARESM), ISSN No - 2455-6211,	N



			Volume 9, Issue 8, August 2021.	
6.	Ashwini Madgulkar	MangeshBhalekar , Mrunal more, sharvarinaik	Colon targeter drug delivery system: An overview on strategic approaches Publication in International journal of research education and scientific methods (IJARESM),ISSN No - 2455-6211, Volume 9, Issue 8, August 2021.	N
7.	MangeshBhalekar	ShwetaAhire	A review on approaches to improve topical drug delivery, Publication in International journal of research education and scientific methods (IJARESM),ISSN No - 2455-6211, Volume 9, Issue 8, August 2021.	N
8.	MangeshBhalekar	SharvariNaik, Mrunal more	A review on Co- Processed excipient blend, Publication in International journal of research education and scientific methods (IJARESM),ISSN No - 2455-6211, Volume 9, Issue 8, August 2021.	N
9.	Rahul Padalkar	Ashwini R. Madgulkar , RohitKharade	Wound Healing Dressing System for Diabetic Wounds Based on Curcumin and Syringic Acid. International Journal of pharmaceutical Investigation.2022; 12(1) : 82-86	Int
10.	Rao Monica RP	SayaliSugaonkar , ApurvaGurav , TejalKawade , MeghaKadam	Lifestyles And Prevalence Of Polycystic Ovarian Syndrome Among College Students: A Cross Sectional Study In Pune, Urban, Maharashtra, India. 2021 Int J Res Anal Rev. , June 2021, 8(2);703-714	IN
11.	Rao Monica RP	SayaliKulkarni, Ashwini Sonawane, SayaliSugaonkar	Self-nanoemulsifying drug delivery system of cilnidipine. Ind J Pharm Edu Res. , July-Sept.2021, 55(3): 664-76.	N
12.	Rao Monica RP	Gajanan Paul	Delivery of clotrimazole by mucoadhesion for treatment of candidiasis. J Drug Del Therap. , 2021: 11 (6), 6-14.	IN
13.	Bandiwadekar Mithun	PoulSushant , HankareSnehal	International Journal of All Research Education and Scientific Methods	N
14.	J.W.Gajbe	-	Innovative transitive development of Hydrogel by Copolymerisation and Grafting technology of	IN



			polymerJournal of Pharmaceutical Advanced Research 5 (2), 1460-1471	
QUALITY ASSURANCE				
15.	M.C. Damle,	M.H. Suryawanshi, R.R. Pardeshi and M.D. Pokharkar	Lifestyle Disorder – Risk Factors, Lifestyle Modification” NOVYIMIR Research Journal, 6(6), (2021), 199- 208.	IN
16.	SuvarnaJarande and MrinaliniDamle	MrinaliniDamle	Fingerprinting analysis and Marker compounds in quality assessment of Phytopharmaceuticals” International Journal of Pharmaceutical Sciences and Research, 12(10), (2021), 5145- 5160	IN
17.	MrinaliniDamle	PranavUttekar, AkshayPunmiya, Aishwarya Mate	“Determination of Sofosbuvir and Velpatasvir in combination by derivative UV spectrophotometry” Journal of emerging Technologies and Innovative Research, 9(2), (2022), c94-c99.	IN
18.	Damle MC	Suryawanshi MH, Pardeshi RR	PCOS: Health awareness among women” International Journal of Biology, Pharmacy and Allied Sciences, 11(3), (2022), 1244-1254.	IN
19.	Mrinalini C. Damle,	Pooja P. Lanke	Stability indicating method for Eluxadoline by HPTLC” International Journal of All Research Education and Scientific Methods, 10(3), (2022), 443-450	IN
20.	MrinaliniDamle	KiranSomshetwar	Stability indicating Eco-friendly HPLC method for Molnupiravir” International Journal of Science and Research, 11(3), (2022), 375-378.	IN
21.	Santosh V. Gandhi	Shubham S. Pawar, Yogesh S. Punde, Namrata G. Bawaskar	Determination of Antidementia Drugs by Spectrophotometric and Chromatographic Methods – An Overview. International Journal of Research and Analytical Reviews, June 2021; 8 (2), 207-223	N
22.	Santosh V. Gandhi	VikasKhatika, AvadhutLandage, SanketHalde, KaustubhNaikawa di	Pharmacotherapeutic Stratification for Multiple Sclerosis in the Covid- 19 Pandemic. International Journal of Research and Analytical Reviews, July 2021; 8 (3), 324-332	N
23.	Santosh V. Gandhi	Deepak Patil, Atul A. Baravkar	Comparison of Chemometric assisted UV Spectrophotometric and RP- HPLC Method for the simultaneous	IN



			determination of Ofloxacin and Tinidazole in their Combined dosage form. Research J. Pharm. and Tech 2021; 14(11):5713-5718	
24.	Santosh V. Gandhi	Baravkar A, Shaikh A, , Shinde N And Aher N	2D, 3D QSAR and Molecular Docking Studies of Pyrazolyl-Thiazolinone Derivatives As EGFR Inhibitors” International Journal of Biology, Pharmacy and Allied Sciences, October, Special Issue, 2021, 10(10): 162-173	IN
25.	Santosh V. Gandhi	S. S. Kurdaikar, A. Fernande , P. Pattewar, and A. A. Mahajan	Spectrophotometric Determination of Carbimazole and Its Major Impurity, Degradation Product and Metabolite: Methimazole” Optics and Spectroscopy, 2021, 129 (7), 1075–1084	IN
26.	S Gandhi,	M Bhalekar, R Mutha	Development and validation of reverse phase-high performance liquid chromatography assay method for estimation of fenofibrate in tablet dosage form prepared using crystallo-co agglomerates, Malaysian Journal of Pharmaceutical Sciences 19 (1), 19-28	IN
PHARMACEUTICAL CHEMISTRY				
27.	SV Bhandari,	SR Kane	A Rational Approach to Anticancer Drug Design;2D, 3D QSAR, Molecular Docking and Prediction of ADME Properties Using In Silico Studies of Thymidine Phosphorylase Inhibitors. Letters in Drug Design (bentham M Sciences Publisher) DOI: 10.2174/1570180819666220215115633, 2022.	IN
28.	Shashikant V. Bhandari,	ShitalM.Patil	Optimization of Pharmacophore of novel hybrid nucleus of 1,3,4-oxadiazole-chalcone using literature findings and in-silico approach as EGFR Inhibitor. Letters in Drug Design and Discovery (bentham M Sciences Publisher)DOI- 10.2174/1570180819666220414102310, 2022	IN
29.	S.V Bhandari,	A.P.Sarkate,	Convenient Microwave Assisted	In



		S.Karnik, I.S NARula	Chlorosulfonic Acid-Catalyzed Synthesis of some Quinazolines from 2-Phenylindole. Russian Journal of Organic Chemistry, 58, 428-432, 2022.	
30.	Shashikant V. Bhandari,	Aniket P. Sarkate	Exploration of novel Pyridine-Pyrimidine Hybrid Phosphonate Derivatives as Aurora Kinase Inhibitors. Bioorganic & Medicinal Chemistry Letters 67, 128747, 2022.	IN
31.	Shital Patil	Shashikant Bhandari	A Review: Discovering 1,3,4-oxadiazole and chalcone nucleus for cytotoxicity/EGFR inhibitory anticancer activity. Mini Rev Med Chem . 2021 Sep 2. doi: 10.2174/1389557521666210902160644.	IN
32.	K.D. Asgaonkar	Shital Patil, T.S. Chitre	QSAR tool for optimizations of nitrobenzamide pharmacophore for antitubercular activity	IN
PHARMACOLOGY				
33.	Dr. Sachin S. Tembhone	Anirudha A. Chaskar, Anup S. Deshmukh, Gautam S. Gundecha, Kamlesh B	Effect of Diabetes Mellitus on Micronutrient Levels and Their Maintenance with Help of Plant Based Naturally Occurring Foods. PENSEE. VOLUME 51. 1206, 2021	IN
34.	Dr. Sachin V. Tembhone	Anup S. Deshmukh, Anirudha A. Chaskar, Gautam S. Gundecha, Kamlesh B. Patil	Oral contraceptives – its adverse effects and other health risks. PENSEE. VOLUME 51. 342, 2021	
35.	Gautam S. Gundecha,	Dr. Sachin V Tembhone, Anirudha A. Chaskar, Anup S. Deshmukh, Kamlesh B. Patil.	FOLIC ACID AND MICRONUTRIENTS SUPPLEMENTS FROM NATURAL ORIGIN AND FOOD COMPONENTS: A SYSTEMATIC REVIEW. PENSEE. VOLUME 51 327, 2021	IN
36.	Ziaurrehman A.R., Dr. Sachin Tembhone	Miss. Snehal R. Salve, Miss. Pooja Kolase, Mrs. Swati Kolhe, Dr.	Evaluation of Cardio Protective Effect of Cinnamaldehyde in a Prevention of Myocardial Infarction in Wistar rats. International Journal of All Research Education and	IN

			Scientific Methods. Volume 9, Issue 9, September -2021, 268-276	
37.	Swati Kolhe	Snehal R. Salve*, Swati Kolhe, Pooja B. Kolase and Shweta Shirurkar,	A Review on: Micrnas as a biomarkers of myocardial infarction, World Journal of pharmacy and pharmaceutical sciences ,SJIF Impact Factor 7.632 Volume 10, Issue 5, 878-893 Review Article ISSN 2278 – 4357.	IN
38.	Swati Kolhe	Pratima Tambe , swatikolhe , shwetashirurkar	, evaluation of Aphrodisiac activity of allium ampeloprasum on male rats , International journal of all research education and scientific methods, ISSN : 2455-6211 , volume 9 , issue 8 ,August -2021 , Impact factor - 7.429 , 2423-2431.	IN
39.	Swati Kolhe	.Payal Pingale , swatikolhe ,	preclinical evaluation of allium sativum , beta vulgaris , daucas carota , citrus limon herbal juice mixture for antiobesity and antihyperlipidaemic activity on experimental rats ,International journal of all research education and scientific methods, ISSN : 2455-6211 , volume 9 , issue 8 ,August -2021 , Impact factor -7.429 , 2461-2469.	IN
40.	Swati Kolhe	shwetashirurkar , swatikolhe	Evaluation of nutritional supplementary herbal juice in phenyl hydrazine induced anemia in wistar rats, International journal of all research education and scientific methods, ISSN : 2455-6211 , volume 9 , issue 8 ,August -2021 , Impact factor -7.429, 2546-2554.	In
41.	Swati Kolhe	snehal salve, swatikolhe	, evaluation of cardioprotective effect of cinnamaldehyde in a prevention of myocardial infarction in wistar rats , International journal of all research education and scientific methods, ISSN : 2455-6211 , volume 9 , issue 8 ,August - 2021 , Impact factor -	In



			7.429, 268-276.	
42.	Swati Kolhe	.Shwetashirurkar , swatikalhe , snehal salve	A Review on prevention and treatment of pregnancy anaemia ,International journal of all research education and scientific methods, ISSN : 2455-6211 , volume 9 , issue 8 ,August -2021 , Impact factor -7.429, 894-904.	IN
43.	Swati Kolhe	Payalpingale , swatikalhe ,	Review antiobesity activity study of polyherbal formulation on sulpride induced obese rats ,,World Journal of pharmacy and pharmaceutical sciences ,SJIF Impact Factor 7.632 Volume 10, Issue 5, 878-893 Review Article ISSN 2278 – 4357,.	IN
44.	Swati Kolhe	Poojakolse , swatikalhe ,	A review on establishing natural medicinal plants as Nootropics by treating ,learning and memory impairment ,World Journal of pharmacy and pharmaceutical sciences ,SJIF Impact Factor 7.632 Volume 10, Issue 5, 878-893 Review Article ISSN 2278 – 4357, 632-664.	IN
45.	Omkar A.Devade	Rohan Londhe, NamrataRathod, JyotiKupate, Nikhil Meshram	Ayurvedic Remedies of Covid-19.Int. J. Pharm. Sci. Rev. Res., 70(2), September - October 2021; Article No. 09, Pages: 58-64	IN
46.	Omkar A Devade	Rohan D Londhe	Medicinal plants with Memory enhancing activity:J Pharm Adv Res, 2022; 5(2): 1452-1459.	IN
47.	Omkar A Devade	Rohan D. Londhe; Nisarga V. Sokate ,Utkarsha R. Randave ;Pallavi A.Rnapise	A Review on: Polycystic Ovarian Disorder.Asian Journal of Research in Pharmaceutical Sciences 12(3) 2022	IN
PHARMACOGNOSY				
48.	Mr.PradeepSonawane	MrunalGedam, YuvrajAvhad , SuyashChaudhari , DhanashreeJadhav	COW URINE: The Future of Medicine , ijpra , Volume 6, Issue 5 Sep-Oct 2021, pp: 634-637 SSN: 2249-7781	IN
49.	Megha Shah	Harshwardhan S Patil, Vaibhavi Mulley, Anand	Complexion and Conviction for Consumption of Narcotic and Psychotropic Substances:An	IN



		Dhumal, Dr Ashwini Madgulkar	Analysis of Health Survey in All Over India, Int. J. Pharm. Sci. Rev. Res., 72(2), January - February 2022; Article No. 04, Pages: 23-30	
50.	Megha Shah	Miss. Vaibhavi Mulley, Mr.Fenil V Jethava, Mr.Shravan Kumar V Mali, Dr Ashwini Madgulkar	Treatment of Hypertension during Pregnancy and Lactation.Int. J. Pharm. Sci. Rev. Res., 72(2), January - February 2022; Article No. 14, Pages: 101-109	IN
51.	Megha Shah	Dhumal Anand, DevkatePradnya and ThoratRajnandini	HERBAL SUPPLEMENTS FOR NOOTROPIC ACTIVITY. World Journal of Pharmaceutical Research Volume 11, Issue 2, 1144-1161	IN



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[BACK TO INDEX](#)

Summary of Research Publications 2020-21



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PUBLICATIONS 2020-21

SR.NO.	AUTHORS	CO-AUTHOR	SUMMARY OF PUBLICATION	N/IN
PHARMACEUTICS DEPARTMENT				
1	Manoj Aswarar*,	MangeshBhalekarb , AkshataTrimukhea, UrmilaAswar	Self-microemulsifying drug delivery system (SMEDDS) of curcuminattenuates depression in olfactory bulbectomizedrats , (2020, Heliyon 6 (8), 1-8. 2020	IN
2	TejinderKaur Marwaha,	Ashwini Madgulkar, MangeshBhalekar , KalyaniAsgaonkar	Molecular docking, synthesis, and characterization of chitosan-graft-2-mercaptobenzoic acid derivative as potential drug carrier, 2020. J ApplPolym Sci. e49551	IN
3	AR Madgulkar,	RR Padalkar, MR Bhalekar	Brain Targeted Delivery of Rizatriptan using Glutathione Conjugated Liposomes through Transmucosal Nasal Route International Journal of Pharmaceutical Investigation. 10 3 344 350	IN
4	Rahul Padalkar,	Ashwini Madgulkar	In situ Nasal Gel of Granisetron for Enhancement of Bioavailability over Oral Delivery: Formulation, Optimization, and In vivo Evaluation International Journal of Pharmaceutical Sciences and Drug Research 2020;12(5):544-553	IN
5	Monica RP Rao	Ashwini Sonawane, SharawariSapate, KshitijaAbhang	Exploring Recent Advances in Nanotherapeutics, Journal of Drug Delivery and Therapeutics, 10 (5s), 2020, 273 280	IN
6	Monica RP Rao	RohitGodbole, Sameer Borate, SanskarMahajan, TejalGangwal	Nanosuspensions coated multiparticulates for controlled drug delivery, Drug Development Industrial Pharmacy, 47(3),	IN





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7	Monica RP Rao	Ashwini Sonawane, Sharvari sapate, Gajananpaul, Sourabhroham	2021, 367- 376 Nanosponges: A multifunctional Drug Delivery System, IJARESM; 9(5) 2021.2588-2599	IN
QUALITY ASSURANCE DEPARTMENT				
8	Mrinalini C. Damle,	Mrunmayi D. Pokharkar	“Consumer perceptions towards medicine types: Brand medicines versus Generic medicines” International Journal of Research and Analytical Reviews, 8(2), (2021), 943-952.	IN
9	Mrinalini C. Damle	Nivedita Pawar	“Stability indicating HPTLC method for Sofosbuvir and Daclatasvir in combination” International Journal of Pharmaceutical Sciences and Nanotechnology, 13(6), (2020), 5233-5241.	IN
10	Mrinalini C. Damle	Akshay Chandan, Dnyaneshwar Rathod and Omkar Shinde	“A Mini Review on Immunity Boosters used in Covid-19” International Journal of Research and Analytical Reviews, 8(1), (2021), 250-254.	IN
11	Santosh Gandhi V	Madhuri M. Karad, Atul A. Baravkar and Padmanabh B. Deshpande	Development and Validation of Stability Indicating HPTLC method for Determination of Indapamide and Amlodipine Besylate” World Journal of Pharmacy and Pharmaceutical Sciences. 2020; 9 (8), 2082-2092	IN
12	Santosh V. Gandhi*	Priyanka M. Pardeshi	Development and Validation of Stability Indicating HPTLC Method for Estimation of Ledipasvir” World Journal of Pharmacy and Pharmaceutical Sciences. 2020; 9 (9), 1947-1955	IN
13	Santosh V. Gandhi*	Mayuri Pansare, Nishant Kolhe, Bhagyashree Patil and Shruti Khandve	Development and Validation of UV Spectrophotometric Methods for Estimation of Terbutaline Sulphate and Bromhexine HCl in Combined Dosage Form” World Journal of Pharmacy and	IN





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			Pharmaceutical Sciences. 2020; 9 (10), 1927-1935	
14	Santosh V. Gandhi*	NehaSali, ShivamJaiswal, VipulFegade and Vinod Gaikwad	Development and Validation of UV Spectrophotometric Methods for Estimation of Cefuroxime Axetil and Linezolid in Combined Dosage Form” World Journal of Pharmacy and Pharmaceutical Sciences. 2020; 9 (10), 1944-1952	IN
15	BabitaAgarwal*	Santosh Gandhi	Development of Validated Stability-indicating RP-HPLC Method for Determination of Novel Directly Acting Antiviral agent and Characterization of its Degradants by LC–ESI–MS” Indian Journal of Pharmaceutical Education and Research. 2020; 54 (4), 1159-1168	IN
16	Santosh Gandhi	MangeshBhalekar and RavinaMutha	Development and Validation of Reverse Phase-High Performance Liquid Chromatography Assay Method for Estimation of Fenofibrate in Tablet Dosage Form Prepared Using Crystallo-Co-Agglomerates of the Drug. Malaysian Journal of Pharmaceutical Sciences, 2021, Vol. 19 (1) 19–28	IN
17	PadmanabhDeshpande*,	Priyanka N. Shelke, AniketIthape and MangeshBhalekar.	Formulation, optimization and evaluation of gastro retentive novel floating in-situ gelling system of phyllanthusniruri. <i>European Journal of Pharmaceutical and Medical Research</i> . 2020, 7(9): 271-276	IN





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18	Padmanabh B. Deshpande*	Israralam A. Shaikh, SumitSaundale.	Stability indicating RP-HPLC method development and validation for determination of didanosine in tablet dosage form. <i>World Journal of Pharmaceutical Research</i> . 2020, 9(12): 1120-1129	IN
19	Padmanabh B. Deshpande*.	Akshay S. Kale,	Validated stability indicating RP-HPLC method development for determination of ebastine in tablet dosage form. <i>World Journal of Pharmaceutical Research</i> . 2020, 9(13): 642-651.	IN
20	Padmanabh Deshpande*,	Priyanka N Shelke, AniketIthape.	Validated stability-indicating RP-HPLC method development for simultaneous determination of amlodipine besylate and rosuvastatin calcium in combined tablet dosage form. <i>European Journal of Biomedical and Pharmaceutical Sciences</i> . 2020, 7(10): 444-449.	IN
MEDICINAL CHEMISTRY DEPARTMENT				
21	Aniket P. Sarkate	Shashikant V. Bhandari	One pot synthesis , in silico study and evaluation of some novel flavonoids as potent topoisomerase II inhibitors Bioorg.Med.ChemLett 40 (2021) 127916	IN
22	Trupti Sameer Chitre	Shital Manoj PatilAnaghaGovind raoSujalegaonkarKalyaniDhirendraAsgaonkar	Designing of Thiazolidin-4-one Pharmacophore using QSAR Studies for Anti-HIV Activity, Indian Journal of Pharmaceutical Education and Research, 55, 2, 581	IN





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23	ShrutiSuryawa nshi	KalyaniAsgaonkar Sheetal parse Poojanagsawjanaya DongariTruptiChitr e	A comprehensive overviewof synthetic methods of OxadiazoleThiadiazole and Triazole,Journal of Emerging Technologies and Innovative Research,8,5,338	IN
24	Trupti S Chitre	Kalyani D AsgaonkarAmrut B VikheShital M Patil Dinesh R Garud Vijay M KhedkarDhimanSa rkarLaxman U Nawale Amar Yeware	In silico Studies, Synthesis and Antitubercular Activity of Some Novel Quinoline - AzitidinoneDerivatives.,Current Computer-Aided Drug Design,17,1,134-143	IN
25	TruptiChitre*	ShubhangiKumbha r,RasikaMulik, SadeechaWani,Rut ujaPawar,Sheetal Parse, Pooja Wagh ,SheetalPatil and KalyaniAsgaonkar	Synthesis, Docking and Antitubercular activity Activity of triazole- thiadiazole hybrid Journal of Emerging Technologies and Innovative Research, May 2021, Volume 8, Issue 5 e780-e787	IN
26	AtharvaKulka rni	Kalyani D AsgaonkarShital M Patil Tina SaldhanaKshitijaA bhangBhairaviBak hle	A survey Possibilitessof revamping education system in the stretching covid 19 pandemic.Pharmaceutical Resonance COVID - 19 Special Issue , 2020,30	N
27	Kalyani D Asgaonkar	Shital M PatilKshitijaAbhan gAyushKhater	A survey based approach to determine the momentous role played by the community pharmacy during Covid 19 pandemic.Journal of Emerging Technologies and Innovative Research,2021,8(5),c338	IN
28	VaibhavRaut, nayana	Navsupe, vrushaliPhatak, ShashikantBhandar i, ShitalPatil	Review: Comprehensive review on versatile nature of curcumin and its pharmacological activities IJCRT volums 9 issue 5 may 2021	IN





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PHARMACOLOGY DEPARTMENT				
29	Dipali Hanamgar,	Shivani Salokhe, Sachin Tembhurne, Swati Kolhe	Development and Evaluation of Nutritious Supplementary Food Product in Phenyl Hydrazine Induced Anaemia in Wistar Rats. Journal of Drug Delivery & Therapeutics. 2021; 11(1):68-71	IN
30	Harshada Lanje kar,	Swati Kolhe, Sachin Tembhurne	Pharmacological evaluation of clove oil emulsion on propylthiouracil induced hypothyroidism in wistar rats. Asian Journal of Pharmacy and Pharmacology 2020; 6(4): 249-253	IN
31	Prajakta H. Murudkar	Swati U. Kolhe, Sachin V. Tembhurne	Twenty eight days repeated dose oral toxicity study of hydro-alcoholic extract of Helicteresisora dried fruits in experimental wistar rats. Journal of Advanced Scientific Research 11 (4), 183-193	IN
32	Prajakta H. Murudkar	Swati U. Kolhe, Sachin V. Tembhurne	Protective effect of hydro-alcoholic extract of dried fruits of Helicteresisora in dextran sulfate sodium (dss) induced ulcerative colitis in experimental wistar rats. International Journal of Pharmaceutical Sciences and Drug Research 12, 325-30	IN
33	Prajakta H. Murudkar	Swati U. Kolhe, Sachin V. Tembhurne	Protective effect of hydro-alcoholic extract of dried fruits of Helicteresisora in acetic acid induced ulcerative colitis in experimental rats. Journal of Advanced Scientific Research 2020, 11, 83-89	IN





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34	Mr.Choudhary K. Naresh, M	KedarGangadhar, Mrs. Swati U Kolhe, Sachin Themburne	In Vitro Antioxidant Activity and Acute Oral Toxicity Study of Polyherbal Formulation (AlangiumSalviifolium&ClitoriaTe rntea) in Mice. International Journal of All Research Education and Scientific Methods. 8(12),2020,106-110	IN
35	Pallavi Shirsat	Ziyaurrahman A. R. , Rama Kashikar , Manjushree Athavale , TejasAthavale , PritamTaware , Tina Saldanha , Swati Kolhe& Sachin Tembhone	Subacute toxicity study of the ethanolic extract of Mesuaferrea (L.) flowers in rats. Drug and Chemical Toxicology, DOI: 10.1080/01480545.2020.1847134	IN
36	Rutuja D. Vibhute*	Swati U. Kolhe and Sachin V. Tembhurne	Preclinical evaluation of hydroalcoholic extract of sesbaniasesban leaves on antiulcer activity by pylorus ligation induced gastric ulcer on experimental rats. European Journal of Biomedical and Pharmaceutical Sciences. 2020, 7(12), 226-230	IN
37	Rutuja D. Vibhute*	Swati U. Kolhe and Sachin V. Tembhurne	28 Days Repeated Dose Oral Toxicity Study Of HydroalcoholicExtract Of SesbaniaSesban Leaves In Experimental Rats. European Journal of Biomedical and Pharmaceutical Sciences. 2020, 7(11), 274-284	IN
38	S. S. Salokhe	S. U. Kolhe, S. V. Tembhurne, DipaliHanmghar	28 Days repeated oral toxicity study of Rosmarinus officinalis in Wistar Rats. Journal of Drug Delivery & Therapeutics. 2020; 10(6-s):67-74	IN





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39	Shubhangi Deshpande,	Swati Kolhe, Sachin Tembhone	Evaluation of Anti-Anaphylactic Activity of methanolic extract of Momordicacharantia in Experimental Animals. Journal of Drug Delivery & Therapeutics. 2020; 10(5-s):149-151	IN
40	Shubhangi Deshpande,	Swati Kolhe, Sachin Tembhone	Evaluation of mast cell stabilization activity of Momordicacharantia in rats. Journal of Advanced Scientific Research 2020, 11(4), suppl 8, 339-341	IN
41	Omkar Devade,	sakote Nisarga, vijapuregautami, Rucha shinde.Ranpise pallavie,Randaveut karsha	Phytochemical Screening and Anthelmintic Activity of Methanolic Extracts of Herbal Plants Schinus limonia L. International Journal of Research Publication and Reviews Volume 2 Issue Issue (9) Pages 323-327	IN
PHARMACOGNOSY DEPARTMENT				
42	Amruta Avalas kar,	Abhishek Joshi Gaurav Mahajan Maheshkumar Aher Utkarsha Avhad"	Formulation And Evaluation Of Antiemetic H. spicatum Lozenges Journal of Emerging Technologies and Innovative Research November 2020, Volume 7, Issue 11 2020	IN
43	Amruta Avalas kar*,	Shivam Jaiswal, Vipul Fegade, Vinod Gaikwad	Natural Blue Pigment Color Gel for Foods, beverages and Pharmaceuticals Journal of Emerging Technologies and Innovative Research January 2021, Volume 8, Issue 1 2021	IN



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[BACK TO INDEX](#)

Summary of Research Publications 2019-20



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PUBLICATION YEAR: 2019-2020			
SR. NO.	AUTHORS	SUMMARY OF PUBLICATION	N/IN
PHARMACEUTICS DEPARTMENT			
1.	AR Madgulkar, MR Bhalekar, P Kaushal, RP Mudalwadkar	Development of Hot Melt Coating Technique for Taste Masking of Chloroquine Phosphate Tablets, Journal of Drug Delivery and Therapeutics 9 (4), 311-317 Vol 9 No 4-s (2019):	N
2.	A Madgulkar, M Bhalekar, PN Khabiya	Nanoparticulate of fenofibrate for solubility enhancement ex vivo evaluation Journal of Drug Delivery and Therapeutics 9 (4):155-163	N
3.	Mangesh R Bhalekar, SbPradhan	Scientific Coformer Screening, Preparation and Evaluation of Fenofibrate Tartaric Acid Cocystal Journal of Drug Delivery and Therapeutics 9 (4), 406-410	N
4.	RA Bhalerao, MR Bhalekar, MC Damle	Formulation and Evaluation Transdermal Patch of Hesperidin, Journal of Drug Delivery and Therapeutics 9 (4), 311-317	N
5.	MR Bhalekar, A Madgulkar, TV Jagtap	Demonstration of Lymphatic Uptake of (6)-Gingerol Solid Lipid Nanoparticles, Journal of Drug Delivery and Therapeutics 9 (4), 461-469.	N
6.	MR Bhalekar, MC Damle, S rao	Formulation and evaluation of chewable tablets of pomegranate peel extract Journal of Drug Delivery and Therapeutics 9 (4), 318-321	N
7.	V Raskar, M R Bhalekar	Formulation of Coffee bean extract (Cholinergic acid) Solid lipid nanoparticle for lymphatic uptake on oral administration Journal of Drug Delivery and	N





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		Therapeutics 9 (4), 477-484	
8.	T Kaur, A Madgulkar, M Bhalekar, K Asgaonkar	Molecular docking in formulation and development, current drug discovery technology 16 (1) 30-39	IN
9.	PradnyaZine, Dr. Ashwini Madgulkar, Dr. MangeshBhalekar	Formulation and evaluation of alfuzosin hydrochloride extended release tablets; Int journal of advance research ideas and innovations in technology, Volume-5, Issue-3, 2019	N
10	Ashwini Madgulkar, ShubhangiThool, MangeshBhalekar	Study of Polymeric Mixed Micelle System of Sulphasalazine for Improvement of Oral Bioavailability DER PHARMACIA LETTRE 2019	IN
11	MirajkarReshma, Dhawalekalyani, Madgulkar Ashwini	Formulation Development of Sustained Release Epidural Injection of Analgesic Drug,Journal of Drug Delivery and Therapeutics	IN
12	MirajkarReshma, Dhawalekalyani, Madgulkar Ashwini	Evaluation of Pharmacokinetic Studies and Analgesic Activity of Sustained Release Epidural Injection of Analgesic Drug on Wistar Rat,Journal of Emerging Technologies and Innovative Research (JETIR)	IN
13	Monica R.P. Rao, MayuriMagar	Multiparticulate drug delivery system for gastro intestinal tuberculosis. Int J Pharm Sci Drug Res. 2019;11(5):210-20	IN
14	Monica R.P. Rao, PoojaKaranjkar.	Formulation and development of gastroretentive drug delivery system of efavirenz. Int J Pharm Sci Drug Res. 2019;11(5):231-40.	IN
15	Monica R.P.Rao, ZopeAbhishek	Formulation and Evaluation of Mucoadhesive Clotrimazole vaginal tablet using liquisolid technology. J Drug Del & Ther. 2019; 9(4-A):477-	N





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		485.	
16	Monica R.P.Rao, Sonavane Vijay, SayaliKulkarni, ZopeAbhishek, MayuriMagar, PoojaKaranjkar.	Design of transdermal patch of ketoprofen by full factorial design for treatment of rheumatoid arthritis. J Drug Del & Ther. 2019; 9(2):197-205.	N
MEDICINAL CHEMISTRY DEPARTMENT			
17	Mrinalini C. Damle, Sachin V. Tembhurne, Swapnil R. Todkar	“Evaluation of hepatoprotective activity of hydroalcoholic extract of Onion peels containing Protocatechuic acid” Journal of Drug Delivery and Therapeutics, 9(4), (2019), 82-88.	IN
18	Damle M.C. , Pardeshi K.K.	“Development of analytical method to monitor dissolution of BepotastineBesilate tablet” Journal of Drug Delivery and Therapeutics, 9(4), (2019), 251-256.	IN
19	RasikaBhalerao, MangeshBhalekar, Mrinalini C. Damle	“Formulation and evaluation of Transdermal patch of Hepseridin” Journal of Drug Delivery and Therapeutics, 9(4), (2019), 311-317.	IN
20	Mrinalini C. Damle, Mangesh R. Bhalekar, Shivani Rao, MayuriGodse	“Formulation and evaluation of chewable tablets of Pomegranate peel extract” Journal of Drug Delivery and Therapeutics, 9(4), (2019), 318-321.	IN
21	RasikaBhalerao, Divya Mehta, NehaRaka, AkanshaMarkad,	“Stability indicating HPTLC method for Hepseridin” International Journal of	IN





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	Aishwarya Pawar, Pratiksha Undre and Mrinalini C. Damle	Pharmacy and Biological Sciences, 9(3), (2019), 832-837.	
22	Mrinalini C. Damle and Anand M. Singhal	Singhal "Stability indicating HPTLC method for determination of Mesalamine" International Journal of Pharmacy and Biological Sciences, 9(3), (2019), 859-868.	IN
23	Mrinalini C. Damle and Pardeshi K.K.	"Stability indicating chromatographic method for estimation of Methimazole" International Journal of Pharmacy and Biological Sciences, 9(3), (2019), 843-848.	IN
24	Mrinalini C. Damle and Swapnil R. Todkar	"Validated Stability indicating HPTLC method for Protocatechuic Acid" International Journal of Pharmaceutical Sciences and Research, 11(1), (2020), 130-136.	IN
25	Mrinalini Damle, Pooja Kalaaskar	"Validated stability indicating HPTLC method for Sofosbuvir and Velpatasvir" International Journal of Pharmaceutical Sciences and Drug Research 12(2), (2020), 129-135.	IN
26	Mrinalini Damle, Pushpraj Patil	"Stability indicating HPTLC method for analysis of Teriflunomide" International Journal of Pharmaceutical Sciences and Nanotechnology, 13(3), (2020), 4926-4931.	IN





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27	Santosh V. Gandhi , Mohitosh R. Mahajan	“Method Development, Validation and Comparative Study of Generic And Branded Formulations of Linezolid in Tablet Dosage Form”, Journal of Emerging Technologies and Innovative Research, 2019, 6 (5), 255-265	IN
28	Santosh V. Gandhi and Gaurav R. Patil	“Development and Validation of Stability Indicating UV Spectroscopic Method for Estimation of Dapsone”, International Journal of Pharmacy and Biological Sciences, 2019, 9 (2), 406-412.	IN
29	Gandhi Santosh V. , Mahajan Mohitosh R	“Method development, validation and comparative study of generic Vs. branded generic formulations of amoxicillin trihydrate in capsule dosage form”, Journal of Drug Delivery & Therapeutics. 2019; 9(3-s):186-192	IN
30	Gandhi Santosh V. , Sanklecha Akshay P	“HPLC Method Development and Validation for Estimation of Chlorthalidone in Tablet Dosage Form”, Journal of Drug Delivery & Therapeutics. 2019; 9(4):53-56	IN
31	Santosh V. Gandhi* , Barkha G. Kapoor	“Development and Validation of UV Spectroscopic Method for Estimation of Baricitinib”, Journal of Drug Delivery & Therapeutics. 2019; 9(4-s):488-491	IN
32	Trupti S. Chitre*, Shital M. Patil,	Non nucleoside Reverse Transcriptase	IN





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	Anagha G. Sujalegaonkar, Kalyani D. Asgaonkar,	Inhibitors, Molecular Docking Studies and Antitubercular Activity of Thiazolidin-4- one Derivatives. Current Computer-Aided Drug Design. 2019, 15, 433- 444.	
Pharmacology			
33	Mayuri V. Shelar, Swati U. Kolhe and Sachin V. Tembhurne.	Chemoprotective Effect Of <i>BuchananiaLanzan</i> Seeds Extract On Toxicity Of Cisplatin Induced Nephrotoxicity In Rats. European Journal of Biomedical and Pharmaceutical Sciences	IN
34	Mrinalini C. Damle, Sachin V. Tembhurne, Swapnil R. Todkar.	Evaluation of Hepatoprotective Activity of Hydroalcoholic Extract of Onion Peels Containing Protocatechuic Acid. Journal of Drug Delivery & Therapeutics. 2019; 9(4):82-88	IN
35	Mahesh Rajguru *, SachinkumarTembhurne and Swati Kolhe	Antiobesity, antihyperlipidemic and antidiabetic agents of proto-catechuic acid in high fatty diet along with alloxan induced diabetes	IN
36	MayuriShelar, Swati Kolhe, Sachin Tembhurne	Chemoprotective Effect of <i>BuchananiaLanzan</i> Seed Extract On Toxicity of 5- Flurouracil Induced Hepatotoxicity In Rats. Journal of Emerging Technologies and Innovative Research. 2019, Volume 6, Issue 6.127- 131.	IN





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37	VaidyaMrunal, Kolhe Swati, Tembhurne Sachin.	Anti-Anxiety and Antidepressant Activity of Ethanolic Extract of <i>DalbergiaSissoo</i> for Anxiety and Depression in Ovariectomized Rats. Journal of Drug Delivery & Therapeutics. 2019; 9(3-s):407-411.	IN
38	MrunalVaidya, Swati Kolhe, Sachin Tembhone	Preclinical evaluation of ethanolic extract of <i>Dalbergiasissoo</i> for female sexual dysfunction in experimental rats. Journal of Emerging Technologies and Innovative Research. 2019, Volume 6, Issue 6.400- 411	IN
39	MrunalVaidya, Swati Kolhe, Sachin Tembhone	Evaluation of subacute oral toxicity induced by ethanolic extract of <i>Dalbergiasissoo</i> leaves in experimental rats. European Journal of Biomedical and Pharmaceutical Sciences. 2019, Volume 6, Issue 6, 568-577	IN
40	YadavNishigandha, Kolhe Swati, Tembhurne Sachin	Aphrodisiac activity of hydro-alcoholic extract of <i>Celoseaargentea</i> dried seeds in male rats. Journal of Drug Delivery & Therapeutics. 2019; 9(3-s):296-302	IN
41	Sandhyarani Anil Nikam, Swati U. Kolhe, Sachin V. Tembhone	Evaluation Of Subacute Oral Toxicity Study Induced By Ethanolic Extract Of <i>SesbaniaGrandiflora</i> Flower Extract In Experimental Rats. Journal of Drug Delivery & Therapeutics. 2019; 9(3-	IN





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		s):764-782.	
42	Sandhyarani Anil Nikam, Swati U. Kolhe, Sachin V. Tembhurne	Preclinical evaluation of <i>Sesbaniangrandiflora</i> flower extract for antihyperlipidimic and antiobesity activity on experimental rats. Journal of Drug Delivery & Therapeutics. 2019; 9(3-s):537-543	IN
43	M. S. Kale, S. U. Kolhe and S. V. Tembhurne	Neuropharmacological Evaluation of <i>Sesbaniasesban</i> Using Experimental Animals. World Journal of Pharmaceutical Research. 2019; Volume 7, Issue 12, 698-717	IN



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[BACK TO INDEX](#)

Summary of Research Publications 2018-19



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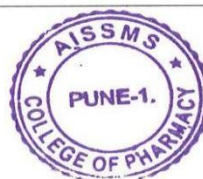
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PUBLICATION YEAR: 2018-2019			
Sr. No.	Authors	SUMMARY OF PUBLICATION	N/ IN
PHARMACEUTICS DEPARTMENT			
1.	Mangesh R Bhalekar, Ashwini Madgulkar, Tejaswini Jagtap.,	Demonstration of Lymphatic Uptake of (6)- Gingerol Solid Lipid Nanoparticles Journal of Drug Delivery and Therapeutics.2019;9(4):461-469	IN
2.	Ashwini Madgulkar, Mangesh Bhalekar, Prachi Khabiya	Nanoparticles of Fenofibrate for Solubility Enhancement: Ex-Vivo Evaluation, Journal of Drug Delivery and Therapeutics.2019;9(4):155-163	IN
3.	Ashwini Madgulkar, Mangesh Bhalekar, Ashwini Vaidya, Pauroosh Kaushal, Mudalwadkar R	Development of Hot Melt Coating Technique for Taste Masking of Chloroquine Phosphate Tablets, Journal of drug delivery and Therapeutics 2019-9 (4); 562-568	IN
4.	Ashwini Madgulkar, Mangesh Bhalekar, Shubhangi Thool.	Study of Polymeric Mixed Micelle System for Sulphasalazine for Improvement of Oral Bioavailability; Der Pharmacia Lettre.2018;10(6):81-94	IN
5.	Mirajkar Reshma Madgulkar Ashwini and Kulkarni Shirish	Development of controlled release formulation of Palonosetron hydrochloride using novel parenteral drug delivery system. International research journal of pharmacy, 2018, Volume: 9 (Issue: 6), 175-184	IN
6.	Mirajkar Reshma, Kurkute Rutuja, Madgulkar Ashwini	Formulation development of sustained release intra-articular injection of analgesic drug, Drug Delivery and Therapeutics, 2018; Volume:8 (Issue: 4):209-217	IN
7.	Mirajkar Reshma, Kurkute Rutuja, Madgulkar Ashwini	Pharmacokinetic In Vivo Evaluation of In-Situ Gel Forming Injectable Drug Delivery System of Analgesic	IN





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		Drug International Journal Of Pharmacy and Pharmaceutical Research, July 2018 Vol.:12, Issue:4, 245-257.	
8.	ReshmaMirajkar, Chhavi Singh, Ashwini Madgulkar	Formulation Development of In Situ Sponge Forming Injectable Drug Delivery System of Tramadol Hydrochloride Human Journals , international journal ofPharmacy and Pharmaceutiocal Research, June 2017 Vol.:9, Issue:3	IN
9.	MRP Rao,KadamManali, Rao Shivani,	Formulation and evaluation of topical formulation for Cutaneous Tuberculosis Journal of Drug Delivery and Therapeutics.2018; 8(4):102-116	IN
10.	M RP Rao, PriyankaKamble,	Formulation and Evaluation of Antifungal Proniosomal Gel for Oral Candidiasis Journal of Drug Delivery and Therapeutics.2018; 8(4): 291-301	IN
11.	Monica R.P .RAO, SnehaP.Raut, C.T. Shirsath, Monali B. Jadhav, Pranoti A. Chandanshive	Self- nanoemulsifying drug delivery system of mebendazole for treatment of lymphatic filariasis Indian journal of Pharmaceutical Sciences 2018 80(6) 1057-1068	IN
12.	Monica R.P .RAO, LaxmiS.Babrekar	Liposomal drug Delivery for stability and Bioavailability Enhancement of Efavirenz Indian journal of Pharmaceutical Sciences 2018,80 (6) 1115-1124	IN
13.	Monica R..P. Rao, KirtiBhutada, PaurooshKaushal	Taste Evaluation by Electronic tongue and Bioavailability Enhancement of Efavirenz. AAPS PharmaSci Tech(2019) 20:56	IN
14.	Rao Monica, Sonavane Vijay, KulkarniSayali,	Design of Transdermal patch of Ketaprofen by full factorial design for treatment of rheumatoid arthritis.	IN





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	MagarMayuri, ZopeAbhishek.	Journal of Drug Delivery and Therapeutics.2019; 9(2):197-205	
15.	Monica R.P Rao, JagrutiChaudhari, Francesco Trotta, Fabrizio caldera	Investigation Of Cyclodextrin- Based Nanosponges for Solubility and Bioavailability Enhancement of Rilpivirine. AAPS PharmaSci Tech Vol.19 no-5 july 2018	IN
16.	Tejinderkaur, Ashwini Madgulkar,Mangeshbh alekar and kalyaniasgaonkar	Current drug discovery technologies Volume 16 , Issue 1 , 2019	IN
17.	Miss.RaikaA.Bhalerao, MangeshR.Bhalekar,Mr inaliniC.Damle	Formulation and evalution Transdermal patch hisperidine Journal of drug delivery and therapeuticsVol 9 No 4 (2019): Volume 9, Issue 4, July- August 2019	IN
MEDICINAL CHEMISTRY DEPARTMENT			
18.	Santosh V. Gandhi*, Pooja R. Alli and Rupali S. More.	Development and Validation of Stability Indicating HPLC Method for Estimation of Amiodarone Hydrochloride” European Journal of Pharmaceutical and Medical Research, 2018,5(5), 461-469.	IN
19.	Santosh V. Gandhi*, Vaishali P. Shevale	Simultaneous Estimation of Levofloxacin and CefpodoximeProxetil in Tablet Formulation by Ratio Spectra Derivative Spectroscopy”\ International Journal of Research Culture Society, 2018,5(2), 8-13	IN
20.	Santosh V Gandhi*, Parag L. Khairnar,	“Simultaneous Estimation of Nitazoxanide and Ofloxacin in Tablet Formulation by Ratio Spectra	IN





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	Aishwarya J Pate	Derivative Spectroscopy”	
21.	Santosh V. Gandhi*, Nikita M. Nilgar and Mangesh R. Bhalekar	“Formulation and Evaluation of Phytoconstituents Cream for the Treatment of Varicose Veins” World Journal of Pharmaceutical Research, 2018,7(12), 732- 745.	IN
22.	Santosh V. Gandhi*,Pratidnya S. Sonawane	“ RP-HPLC Method for Simultaneous Estimation of CefiximeTrihydrate and Cloxacillin Sodium from Bulk and Tablet Dosage Form” International Journal of Pharmacy & Pharmaceutical Research, 2018,12(3), 183- 191.	IN
23.	Santosh V Gandhi *, Madhuri S Rathi.	Development and Validation of Stability Indicating HPLC Method for Estimation of Dapsone” International Journal of Pharma Research and Health Science, 2018,6(2), 2517-2521	IN
24.	Santosh V. Gandhi*,Nikita M. Nilgar and Mangesh R. Bhalekar	Formulation and Evaluation of Phytoconstituents Emulgel for the Treatment of Varicose Veins” European Journal of Pharmaceutical and Medical Research,2018,5(7), 432-439.	IN
25.	SantoshV.Gandhi*, Vaishali P. Shevale Ganesh B. Choudhari	Development And Validation of Stability Indicating HPTLC Method For Estimation of Terizidone” International Journal for Science and Advance Research in Technology 2018,4(6), 225-229	IN
26.	Santosh V. Gandhi* and Pooja R. Alli.	“Development and validation of stability indicating UV spectroscopic method for estimation of sofosbuvir” International Journal of Pharmacy and Biological Sciences,2018,8(3), 404-413.	IN
27.	Santosh V. Gandhi*,Pratidnya S.	“Chemometric–Assisted UV Spectrophotometric Method for Determination of CefiximeTrihydrate and	IN





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	Sonawane	Cloxacillin Sodium in Pharmaceutical Dosage Form” Asian Journal of Research in Chemistry, 2018,11(4), 705-709.	
28.	Agarwal B. and Gandhi S.	Potential of RP-HPLC-DAD-MS for the Qualitative and Quantitative Analysis of Dapagliflozin in Tablets and Degradants. Indian Drugs, 2018, 55 (11), 45-49.	IN
29.	Santosh V. Gandhi* and Gaurav R. Patil	Development and Validation of Stability Indicating HPTLC Method for Estimation of Dapsone. European Journal of Biomedical and Pharmaceutical sciences. 2019, 6 (1) 322-329.	IN
30.	Babita A. Agarwal* and Santosh V. Gandhi	Study of Forced Degradation Behaviour of a Novel Proteasome-Inhibiting Anticancer Drug by LC-MS and Development of a Validated Stability-Indicating Assay Method International Journal of Pharmaceutical Sciences and Research. 2019, Vol. 10(3): 1186-1193.	IN
31.	Santosh V. Gandhi*,Priyanka S. Ghone , Atul P. Chaudhari	“HPTLC Method Development and Validation for Estimation of Atovaquone as a Bulk and in Pharmaceutical Dosage form” Pharmaceutical Resonance 2018, 1 (1) 17-20.	N
32.	Santosh V. Gandhi*, Parag L. Khairnar, Atul P. Chaudhari	“RP-HPLC Method for Simultaneous Estimation of Nitazoxanide and Ofloxacin from Bulk and Tablet Dosage Form” Indian Research Journal of Pharmacy and Science	N





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		Indian Research Journal of Pharmacy and Science;2018, 5 (1) 1392-1398.	
33.	Santosh V. Gandhi*,ShivaniChaud hari	Development and validation of stability indicating HPLC method for estimation of hydrocortisone sodium succinate Journal of emerging Technologies and innovative research volume 6, issue -3	IN
34.	Santosh V. Gandhi*, Mohitosh R. Mahajan	Method development, validation and comparative study of generic and branded formulation of linezolid in tablet dosage from Journal of emerging Technologies and innovative research volume 6, issue -5	IN
35.	Mrinalini C. Damle and Shital P. Ghode,	Determination of Iguratimod in human plasma by HPLC method” World Journal of Pharmaceutical Research, 7(14), (2018), 404-413.	IN
36.	Mrinalini C. Damle, AparnaZirange	Stability indicating RP-HPLC method for estimation of TenofovirDisoproxilFumarate”. International Journal of Pharmacy and Biological Sciences, 8(3), (2018), 122- 127	IN
37.	Mrinalini C. Damle, AparnaZirange	“Stability indicating HPTLC method for simultaneous estimation of Brimonidine Tartrate and Timolol Maleate International Journal of Research Culture Society, 2(7), (2018), 1-6	IN
38.	Mrinalini C. Damle, AntraSen	“Development and validation of Stability indicating HPLC method for the estimation of Canagliflozin”. Journal of Emmerging Technologies and Innovative Research, 5(6), (2018), 213-220	IN
39.	Mrinalini C. Damle, Swapnil S. Waghmare and PurushotamSinha	“Development and validation of Stability indicating HPTLC method for the determination of PaliperidonePalmitate as bulk drug” Journal of	IN





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		Emerging Technologies and Innovative Research, 5(8), (2018), 309-316.	
40.	Mrinalini C. Damle, AntraSen	“Development and validation of Stability indicating High Performance Thin Layer Chromatographic (HPTLC) method for the estimation of Acotiamide Hydrochloride Hydrate” European Journal of Biomedical and Pharmaceutical Sciences, 5(9), (2018), 355-361.	IN
41.	Mrinalini Damle, Uday Harne	Development and validation of stability indicating HPLC method for determination of Acotiamide Hydrochloride” International Journal of Pharmaceutical Sciences and Research, 9(10), (2018), 4410-4415.	IN
42.	Mrinalini C. Damle, Aparna Zirange Shivani Jadhav	Validated Stability indicating methods for Thymoquinone using HPLC and HPTLC” International Journal of Pharmacy and Biological Sciences, 8(4), (2018), 1-6.	IN
43.	M.C. Damle, P. Uttekar, V. Rathore, P. Gavali, S. Bhobe	“Absorption correction Method for simultaneous estimation of Domperidone and Ilaprazole by UV spectrometry” Journal of Pharmaceutical Science and Bioscientific Research, 8(3), (2018), 144-147.	IN
44.	Mrinalini C. Damle, Shivani K. Jadhav	An in-vitro study of antioxidant capacity and radical scavenging effect of SpinaceaOlaracea leaf extract Asian Journal of Pharmaceutical and Clinical Research	IN
45.	Mrinalini C. Damle, Anand Singhal	Stability indicating HPTLC method for determination of Entravirine HCl Journal of Emerging technology and innovative research, 6(2),(2019) 590	IN
46.	Mrinalini C. Damle * and Suresh Choudhari	Development and validation of stability indicating HPLC method for estimation of salmeterolxinafoate	IN





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		International Journal of Pharmaceutical Sciences and Research Volume 10, Issue 4	
47.	Mrinalini C. Damle *, SwapnilTodkar	Stability indicating RP-HPLC method for Protocatechuic Acid, an active phytoconstituents of onion peel Journal of Emmerging technology and innovative research, 6(4),(2019) 590	IN
48.	Mrinalini C. Damle, Swapnil S. Waghmare and PurushotamSinha	HPTLC method for determination of Apixaban as bulk drug International journal of pharmacy and Pharmaceutical Sciences, 11(5),2019 ,37-42	IN
49.	Mrinalini C. Damle, MayuriGodse	Stability indicating of gallic acid from chewable tablets of pomegranate peel extract by using HPLC method Journal of Emmerging technology and innovative research, 6(5),(2019) 53-61	IN
50.	Mrinalini C. Damle * and Suresh Choudhari	Development and validation of stability indicating HPTLC method for estimation of salmeterolxinafoate International Journal of Pharmaceutical Quality Assurance Volume 10, (I)	IN
51.	Bhaveshtpatil,Dr.padma nabhDeshpande and MangeshBhalekar	Statistical optimization of herbal cream containing wound healing and antifungal agents. European journal of pharmaceutical and medical research 2018 5(7) 325-332	IN
Pharmacology			
52.	Ambadas Mane, Sachin Tembhurne*, Swati Kolhe	Effect of Dalbergiasissoo on lipid profile and oxidative stress in ovariectomized rats Asian Journal of Pharmacy and Pharmacology. 2018; 4(6):790-795	IN
53.	S. V. Tembhrune, T. Mayur Kale	Assessment of cognitive enhancing activity of hydroalcoholic extract of Sesbaniasesban on MSG	IN





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		induced excitotoxicity in experimental rats. Asian Journal of Pharmacy and Pharmacology 2018; 4(5): 657-661	
55	Sandhyarani Anil Nikam, Swati U Kolhe, Sachin V Tembhurne	Preclinical evaluation of Sesbaniangrandi flora flower extract for antihyperlipidimic and antiobesity activity on experimental rats	
56	Mayur Kale , Swati Kolhe, Sachin Tembhurne	Neuroprotective effect of on Scopolamine induced amnesia in wistar Sesbaniasesban rats: Behavioral and biochemical study Asian Journal of Pharmacy and Pharmacology 2018; 4(5): 657-661	IN
57	MrunalMukeshVaidya, Swati Kolhe, Sachin Tembhurne	Anti-Anxiety and Antidepressant Activity of Ethanolic Extract of DalbergiaSissoo for Anxiety and Depression in Ovariectomized Rats	IN
58	NishigandhaYadav, Swati Kolhe, Sachin Tembhurne	Aphrodisiac activity of hydro-alcoholic extract of Celoseaargentea dried seeds in male rats	IN
59	Kalyani Dharendra Asgaonkar, Shital Manoj Patil, Trupti Sameer Chitre	Comparative Docking Studies: A drug design tool for some Pyrazine-Thiazolidinone based derivatives for Anti HIV activity Current computer- aided drug design, volume 15, issue 3. 2019. 252-258	N



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[BACK TO INDEX](#)