



**SANDIP**  
**UNIVERSITY**  
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### Publication of research papers and reviews

Sr. no	Title of Paper	Name of authors	Department	Name of journal	ISSN/ISBN	Year
1.	An artificial intelligence enabled clinical decision support system in mental health disorder	S.L. Borse, K.H. Pardeshi, P.K. Jha, S.A. Gangurde, P.V. Vidhate, L.B. Borse. V.S. Gulecha	Pharmaceutical Chemistry	Journal of Positive School Psychology	2717-7564	2022
2.	A concise review on mucormycosis	Sandhya L. Borse, Mrunal S. Wagh, Sakshi R. Chaudhari, Vaishali D. Naphade, Anil G. Jadhav	Pharmaceutical Chemistry	Asian Pacific Journal of Health Sciences	e-ISSN: 2349-0659 p-ISSN; 2350-0964	2022
3.	In-vitro anti-lithiatic activity study of Meyna laxiflora seeds and Tectona grandis bark	Sunita S Deore, Amar G Zalte, Vishal S Gulecha, Sumit R. Deore, Pravin K. Jha, Abhijeet D. Kulkarni	Pharmacognosy	International Journal of Health Sciences	P-ISSN 2550-6978 E-ISSN 2550-696X	2022

4.	Nanobubbles: Fundamentals and recent drug delivery applications	Abhijeet D. Kulkarni, Vishal S. Gulecha, Ramdas T. Dolas, Amar G. Zalte Sumit R. Deore, Sunita S. Deore, Vishal V. Pande	Pharmaceutics	International Journal of Health Sciences	ISSN 2550-6978 E-ISSN 2550-696X	2022
5.	Phytoconstituents and pharmacological activities of Argemone Mexican: A comprehensive review	Rajendra Mogal, Sumit Deore, Sunita Deore, Krutika Pardeshi, Shweta Sangale, Laxmikant Borse	Pharmaceutics	Bulletin of environment, Pharmacology and life sciences	2277-1808	2022
6.	MTT Cytotoxicity Study of Extracts of Meyna laxiflora Seeds and Tectona grandis Bark using Cell Lines LLC PK1	Sunita S Deore, Amar G Zalte and Vishal S Gulecha	Pharmacognosy	Clinics in Oncology	2474-1663	2022
7.	Cerebroprotective effect of Aloe Emodin: In silico and in vivo studies	Praveen Kumar Pasala, Rizwaan Abbas Shaik, Mithun Rudrapal, Shubham Jagdish Khairnar, Atul R.Bendale, Vaishali D.	Pharmacology	Saudi Journal of Biological Sciences	e-ISSN: 2213-710, p-ISSN- 1319-562X	2022

		Naphade;				
8.	UV spectrometric method development and validation of tavaborole	Anas Indabawa, Sagir Abubakar, Salman Yahaya, Amar Zalte, Vishal Gulecha	PG student	Journal of chemical and pharmaceutical research	0975-7384	2021
9.	Drug utilization studies using WHO prescribing indicators from India: A Systematic review	Amol Gujar, Dr. Vishal Gulecha, Dr. Amar Zalte	PhD Scholar	Health policy and technology	2211-8837	2021
10.	Comparision of <i>invitro</i> antiurolithiatic activity of meyna laxiflora and tectona grandis	Ahire SD, Zalte AG, and Gulecha VS	PhD Scholar	International journal of biology, pharmacy and allied sciences	2277-4998	2021
11.	Assessment of prescription pattern of drugs prescribed in the outpatient department of a private orthopedic hospital- a cross-sectional study	Amol Gujar, Vishal Gulecha, Amar Zalte	PhD Scholar	Asian pacific journal of health sciences	e-ISSN: 2349-0659 p-ISSN: 2350-0964	2021
12.	A review on hepatoprotective activity of some indian medicinal plants	Sweta Sinha, Dr. Vishal Gulecha, Dr. Amar Zalte	PhD Scholar	Journal of global trends in pharmaceutical sciences	2230-7346	2021

13.	Design, development, formulation and evaluation of gastro retentive floating tablet for anti-diabetic agent	Vasim Pathan, Vishal Gulecha, Amar Zalte, Anil Jadhav	PhD Scholar	Asian pacific journal of health sciences	e-ISSN: 2349-0659; p-ISSN: 2350-0964	2021
14.	Formulation of after shave lotion using Marigold floral waste.	Rajashree Y. Saoji, Amar Zalte, Vishal Gulecha	Pharmaceutics	International journal of pharmaceutical and clinical research	0975-1556	2021
15.	Covid-19: An overview	Sanket Vakte	UG student	Indian research journal of pharmacy and science	2349-5332	2020
16.	Some medicinal Plants with antiurolithiatic potential: An overview	Sunita D Ahire, Amar G Zalte, Vishal S Gulecha;	PhD Scholar	Bulletin of environment, pharmacology and life sciences	2277-1808	2020
17.	Advanced technologies in the preparation of solid lipid nanoparticles	Nilesh Chaudhari, Amar G Zalte, Vishal Gulecha	PhD Scholar	Journal of seybold report	1533-9211	2020
18.	In situ gel system-a novel approach for controlled release.	V.T. Pathan, V.S. Gulecha, A.G. Zalte, A.G. Jadhav, A.R. Bendale;	PhD Scholar	Journal of global trends in pharmaceutical sciences	2230-7346	2020
19.	Medicinal plants used as whole against arthritis	Rupali S. Dhikale, Anil G. Jadhav, Vishal S.	PhD Scholar	Journal of global trends in pharmaceutical sciences	2230-7346	2020

		Gulecha, Amar G Zalte.				
20.	Morphological and microscopical studies and phytochemical analysis of markhamia falcate [seem]	Aher N, Chaudhari S, Zalte A.	Pharmaceutics	Research journal of pharmacy and technology	0974-3618	2020
21.	Renoprotective effect of co-enzyme q10 and n-acetylcysteine on streptozotocin-induced diabetic nephropathy in rats	Manoj S Mahajan, Chandrashekhar D Upasani, Aman B Upaganlawar ,Vishal S Gulecha	Pharmacology	.Int J Diabetes Clin Res	2377-3634	2020
22.	Domperidone floating beads: formulation, in-vitro evaluation and method development by uv-vis spectroscopy	Snehal K Nipani, Vishal S Gulecha, Amar G Zalte	Pharmaceutics	International journal of research and development	2455-7838	2020;
23.	Synthesis of triazolothiadiazole derivatives	Bhagyashri D Jadhav, Vishal S Gulecha, Amar G Zalte.	Pharmaceutical Chemistry	International journal of research and development.	2455-7838	2020
24.	Modernized Divination into Ferroptosis	Rahul R Jain, Vishal S Gulecha, Amar G Zalte.	Pharmaceutics	International journal for research in applied science & engineering technology	2321-9653	2020
25.	Current rational approaches and modalities for	Rahul R Jain, Vishal S	Pharmaceutics	Journal of seybold report	1533-9211	2020

	novel covid 19.	Gulecha, Prathamesh Pawar, Amar G Zalte.				
26.	Novel Formulation, development and optimization of medicated chewing gum of ondansetron hydrochloride.	Atul A. Baravkar, Amar G Zalte, V. S. Gulecha and R. R. Jain	Pharmaceutics	European journal of pharmaceutical and medical research	2394-3211	2020
27.	Preparation and characterization of few malodor masked nutrients	S. P. Ahire, P. P. Ahire, A. G. Zalte, V. S. Gulecha	Pharmaceutics	International journal of pharmacy & technology	0975-766X	2020
28.	Method development and validation by RP-HPLC method for cistazol in bulk and tablet dosage form	A.S.Chavan, Dr.D.V.Derle, Dr.V.S.Gulecha, S.V.Deore;	Pharmaceutics	International Journal of Research and Development	2455-7838	2020
29.	Method development and validation of Dabigatran Etixilate Mesylate by RP-HPLC method and its degradation studies	Sandhya L. Borse, Gurumeet Chhabra Laxmikant B. Borse, , Anil G. Jadhav	Quality Assurance	International Journal of Biology, Pharmacy, and Allied Sciences	2277-4998	2019
30.	Development and validation of absorbance UV spectrophotometric method for the simultaneous estimation of nebivolol and valsartan in bulk drugs and pharmaceutical	Chetankumar D. Sonawane, Pratima R. Talele, Nilesh B. Chaudhari, Gunjan Y.	Pharmaceutics	Universal Review	2277-2723	2018

	dosage form.	Patil.				
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**Paper/ poster presented at conference/workshop/seminar**

<b>Sr. no</b>	<b>Title of paper</b>	<b>Name of authors</b>	<b>Department</b>	<b>Name of Organizing Body</b>	<b>National/international</b>	<b>Year</b>
2	Oral Paper presented on “An Artificial intelligence enabled clinical decision support system in mental health disorder”	Sandhya Borse, Krutika Pardeshi, Laxmikant Borse, , Vishal Gulecha	Pharmaceutical chemistry	School of Medical and Allied Sciences, G.D Goenka University, Gurugram, DST, REACH-2022 (Recent Advances and Challenges in Healthcare)	International	2022
3	Poster presented on “formulation and evaluation of Anti-acne cream using Bay leaf Oil ” (CPPS-2022) on theme Data Science, Artificial Intelligence , Flexible Production	Ramdas Dolas	Pharmaceutics	GITAM School of Pharmacy ,GITAM (Deemed to be University) Hyderabad and sponsored by CSIR (Council of Scientific &	National	2022

				Industrial Research		
4	Oral Paper presented on “Survey on impact of COVID-19 on mental health among the general population of Nashik District on theme Digital Healthcare in Post COVID Era	Ramdas T. Dolas, Abhijeet D. Kulkarni, Vishal S. Gulecha, Amar G. Zalte, Pravin K. Jha1 and Sumit R. Deore	Pharmaceutics	School of Medical and Allied Sciences,G.D Goenka University, Gurugram, DST, REACH-2022 (Recent Advances and Challenges in Healthcare)	International	2022
5	Pharmacognostic Study of Meyna laxiflora Plant Seeds	Sunita Deore, Amar Zalte, Vishal Gulecha, Pravin Jha and Sumit Deore	Pharmacognosy	School of Medical and Allied Sciences,G.D Goenka University, Gurugram, DST, REACH-2022 (Recent Advances and Challenges in Healthcare)	International	2022
6	In-Vitro anti-Lithiatic Activity Study of Cordia dichotoma Fruits	Sumit R. Deore, Sunita S Deore, Pravin K. Jha and Vishal S.Gulecha	Pharmacognosy	School of Medical and Allied Sciences,G.D Goenka University, Gurugram,	International	2022



				DST, REACH-2022 (Recent Advances and Challenges in Healthcare)		
7	MTT Cytotoxicity Study of Extracts of Meyna laxiflora Seeds and Tectona grandis Bark using Cell Lines LLC PK1	Sunita S Deore*, Amar G Zalte, Sumit R. Deore and Vishal S Gulecha	Pharmaceutics	Gitam University, Hydrabad	National	2022
8	Poster- Antibiotic modifying potential of an extracted essential oil	Vivek V Byahatti and M G D'Souza	Pharmacognosy	School of Pharmacy, GITAM University, Hyderabad	National	2022
9	Green Synthesis and Evaluation of Silver Nanoparticles from Achyranthes Aspera Leaf Extract	Abhijeet D. Kulkarni, Vishal S. Gulecha, Amar G Zalte and Pravin K. Jha	Pharmaceutics	School of Medical and Allied Sciences, G D Goenka University, Gurugram, Haryana	International	2022
10	Design and Optimization of Cap- In- Cap Technology for Biphasic Drug Delivery of Cilnidipine	Amar Zalte, Vishal Gulecha, Abhijeet Kulkarni, and Pravin Jha	Pharmaceutics	School of Medical and Allied Sciences, G D Goenka University, Gurugram, Haryana	International	2022

11	Personalized Medication: A Challenge for Developing Countries	Pravin K. Jha, Atul R. Bendale, Abhijeet D. Kulkarni, Sunita S Deore, Ramdas T. Dolas, Sumit R. Deore and Vishal S. Gulecha	Pharmaceutics	School of Medical and Allied Sciences, G D Goenka University, Gurugram, Haryana	International	2022
12	Oral Paper presented on- Method development and validation of Dabigatran Etixilate Mesylate by RP-HPLC method and it's degradation studies	Sandhya Borse, Gurumeet Chhabra Laxmikant Borse, Anil Jadhav	Pharmaceutical Chemistry	ICEMELTS, Sandip University, Nashik	International	2018

### **Publication of book/ chapter**

<b>Sr. no</b>	<b>Title of book/ chapter</b>	<b>Name of Faculty</b>	<b>National/international</b>	<b>Name of publisher</b>	<b>ISSN/ISBN</b>	<b>Year</b>
1	Handbook of practical human anatomy and physiology	Dr. Vishal S. Gulecha, Manoj Mahajan, Dr. Chandrashekhar Upasani	National	Stadium press pvt. ltd.	9385046594	2020
2	Book -Intellectual property rights	Dr. Amar Zalate, Dr. Vishal Gulecha, Debarshi Kar Mahapatra	National	Birla Publication	938426668-X	2021

3	Book-Industrial Pharmacy II text book	Dr. Ramdas Dolas	National	Technical Publication, Pune	978-93-5585-100-0	2022
4	Chapter on Wireless Body Sensor Network	Priyanka Nandu Shinde, Sandhya Borse and Vaishali Naphade	International	Weser publication	978-3-96492-376-9	2022
5	Chapter on Pharmaceutical Additive Manufacturing: A Novel Tool for Personalized Drug Delivery Systems	Mrunal S Wagh, Sandhya L Borse and Vaishali Naphade	International	Weser publication	978-3-96492-376-9	2022
6	Chapter on Green chemistry	Akshay D. Lonare, Sandhya L. Borse and Vaishali D. Naphade	International	Weser publication	978-3-96492-376-9	2022

### Publication of patent

Sr. no	Title of patent	Name of Faculty	Agency	Application number	Date of issue/ publish/ grant
1	Container with self -dispensing mechanism	Dr. Amar G. Zalate, Dr. Vishal S. Gulecha	India	202121018317	Granted on 26/05/2022
2	Electronic ice bath with magnetic stirrer for synthetic purpose	Dr. Laxmikant B. Borse, Dr. Atul R. Bendale, Mrs. Vaishali Naphade, Mrs. Sandhya Borse,	India	202221001935 A	Publication Date : 04/02/2022

		Mr. Vasim T. Pathan, Dr. Mithun Rudrapal, Dr. Anil G. Jadhav			
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