

Research:

1. List of Research Projects: Completed & Ongoing

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
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2. List of Private Agency Projects:

Sr. No.	Title of the Project	Name of PI/ Major Advisor/ Research Worker	Funding Agency	Total Cost of the project (Rs in Lakh)	Extra-mural (Funding agency)/ Intra-mural	Status (Completed/Ongoing)	Duration
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3. Research Priorities:

Sr. No.	Research Area	Aim	Objective	Benefits of Farmers
	Evidence based Medicine			
	Interventional Medicine			
	Nuclear Medicine /			

4. Thesis:

Master:

Name of Department :				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor

Doctoral:

Name of Department:				
Sr. No.	Name of the Student	Title of Thesis	Year of Completion	Name of the Advisor

5. Research Papers Published:

List of Research Publications: NAAS above 6 =14

Sr. No.	Authors	Year	Title of the Research Paper	Name of the Journal	Volume; Page Nos.	NAAS Rating, if any
1	SA Guhagarkar, RV Gaikwad, A Samad, VC Malshe, PV Devarajan	2010	Polyethylene sebacate-doxorubicin nanoparticles for hepatic targeting	International journal of pharmaceuticals	401 (1-2), 113-122	10.85
2	SV Kapse, RV Gaikwad, A Samad, PV Devarajan	2012	Self nanoprecipitating preconcentrate of tamoxifen citrate for enhanced bioavailability	International journal of pharmaceuticals	429 (1-2), 104-112	10.85

3	PV Devarajan, AB Jindal, RR Patil, F Mulla, RV Gaikwad, A Samad	2010	Particle shape: a new design parameter for passive targeting in splenotropic drug delivery	Journal of pharmaceutical sciences	99 (6), 2576-2581	9.00
4	MS Khan, K Patil, P Yeole, R Gaikwad	2009	Brain targeting studies on buspirone hydrochloride after intranasal administration of mucoadhesive formulation in rats	Journal of Pharmacy and Pharmacology	61 (5), 669-675	8.57
5	TN Hagawane, RV Gaikwad, NA Kshirsagar	2016	Dual hit lipopolysaccharide & oleic acid combination induced rat model of acute lung injury/acute respiratory	The Indian journal of medical research	143 (5), 624	7.50

			distress syndrome			
6	VD Muley, DG Dighe, RV Gaikwad, SS Ugile, KV Garud, RD Velhankar, ...	200 8	Congenital Hypothyroidis m in a Lhasa Apso pup	Australian veterinary journal	65 (12), 386-389	7.14
7	RS Bhanushali , MM Gatne, RV Gaikwad, AN Bajaj, MA Morde	200 9	Nanoemulsion based Intranasal Delivery of Antimigraine Drugs for Nose to Brain Targeting.	Indian journal of pharmaceutical sciences	71 (6), 707-709	6.72
8	MP Jadhav, MS Nagarsenk er, RV Gaikwad, A Samad, NA Kshirsagar	201 1	Formulation and evaluation of long circulating liposomal amphotericin B: a scinti- kinetic study using 99mTc	Indian journal of pharmaceutical sciences	73 (1), 57	6.72

			in BALB/C mice			
9	AA Lohade, DJ Singh, JJ Parmar, DD Hegde, MD Menon, PS Soni,...	200 7	Albumin microspheres of fluticasone propionate inclusion complexes for pulmonary delivery	Indian Journal of Pharmaceutical Sciences	69 (5), 707	6.72
10	V Pradhan, R Gaikwad, A Samad, B Prabhakar	200 9	Formulation and evaluation of almotriptan malate nasal drops	Indian journal of pharmaceutical sciences	71 (6), 727	6.72
11	DJ Singh, JJ Parmar, DD Hegde, MD Menon, PS Soni, A Samad, ...	200 7	Poloxamer coated fluticasone propionate microparticles for pulmonary delivery; In vivo lung deposition and efficacy studies	Indian Journal of Pharmaceutical Sciences	69 (5), 714	6.72

12	RVPE Miranda, P Pawar, RV Gaikwad, A Samad, AG Jagtap	201 0	Radiotracer Uptake Studies of Technetium Labeled Thymoquinone Using Gamma Scintigraphy Imaging Technique	INDIAN JOURNAL OF PHARMACEUTIC AL SCIENCES	72 (2), 274-275	6.72
13	JJ Parmar, DJ Singh, DD Hegde, MD Menon, PS Soni, A Samad, ...	200 7	Sustained release budesonide liposomes: Lung deposition and efficacy evaluation	Indian Journal of Pharmaceutical Sciences	69 (5), 716	6.72
14	Mohit Jain, S D Ingole, R S Deshmukh, S V Bharucha, A S Nagvekar, R V Gaikwad, S D Kharde	202 1	CEA, CA 15-3, and miRNA expression as potential biomarkers in canine mammary tumors	Chromosome Research doi.org/10.1007/s105 77-021-09652-7	doi.org/10.1007/s10 577-021-09652-7	IF 3.41 =6+3. 41 = 9.41
15	Gaikwad, R.V., Jagadish, S.	199 3	Studies on primary indigestion in milch buffaloes.	Indian Vet.J.	70: 1046-1049.	6.0

	and Bhalerao, D.P.					
16	C.N.Galdhar, R.V.Gaikwad and A.Samad	2009	Studies on evaluation of left ventricular ejection fraction (LVEF) by nuclear medicine techniques in rabbits.	Indian Veterinary Journal,	2010: 87:867-868.	6.0
17	Ingole K.H. Bhalerao D.P. Keskar D.V. Gaikwad R.V. and Sawale G.K.	2012	Studies on whole blood transfusion in canines.	Indian Veterinary Journal	Vol 89 no 6 JUNE, 2012.	6.0
18	Samad, A. and Gaikwad, R.V.	2000	Meloxicam as an anti-inflammatory agent in Veterinary Practice.	Intas Polivet	1(1):16-19.	4.1
19	Gaikwad R.V.	2002	Hypothyroidism in canines	Intas Polivet,	Vol.3 No.II: 189-192 Corrigendum - Page 280.	4.1
20	C.N.Galdhar, R.V.Gaikwad and A.Samad	2008	Nuclear medicine: Basics and application in diagnosis of Hepatic Disorders in Canines	Intas Polivet	2008, 9:305-308. Print ISSN : 0972-1738. Online ISSN : 2249-8796.	4.1
21	Galdhar C.N., A.Samad, R.V.Gaikwad, D.V.Keskar	2008	Hemato-biochemical profile in Doxorubicin induced toxicity in rabbits.	Indian J.Vet.Med.	28 (1):23-25.	4.5

22	Ahire S.J., D.G.Dighe, D.V.Keskar, R.V.Gaikwad, R.A.Nale, K.S.Ingole and A.Samad	200 8	Somatic cell count in udder secretions of dry buffaloes	Indian J.Vet.Med.	28 (1):48.	4.5
23	R.D.Velhankar, D.G.Dighe, R.V.Gaikwad and D.V.Keskar	200 8	Multifocal paroxysmal ventricular tachycardia subsequent to pyometra in a bitch.	Journal of Canine Development & Research	5:13-15.	2.7
24	V.D.Muley, D.G.Dighe, R.V.Gaikwad, S.S.Ugile, K.V.Garud, R.D.Velhankar and D.V.Keskar	201 0	Congenital hypothyroidism in a Lhasa Apso pup	Veterinary World,	3(3):137.	4.0
25	Srivastava M.K., Gaikwad R.V., Samad A., Chaudhary P.R and Pandey O.H.	201 0	Standardization of glomerular filtration rate in dog by 99m-Tc- DTPA scintigraphy	Indian J. Veterinary Research	October 5, 2010	3.6
26	M.K.Srivastava, R.V.Gaikwad, A.Samad, P.R.Chaudhary, H.P.Lal and Ashish Srivastava	201 1	Haemato- biochemical changes in dogs suffering from renal failure.	Indian J.Vet.Med.	Vol.31, No.1, 2011, pp 9-11.	4.5

27	Mukesh Srivastava, Rajeev Vasantrao Gaikwad, Abdul Samad, Barkha Sharma and Ashish Srivastava	201 1	Relationship of serum creatinine and Glomerular Filtration Rate by 99mTc-DTPA Scintigraphy in dogs with renal failure.	Asian Journal of Animal Sciences ISSN 1819-1878 / DOI: 10.3923/ajas.2011.38 1.386	5(6):381-386, 2011,	2.6
28	Vishe H.P., Gaikwad R.V., Singh V.K., Dighe D.G. and Keskar D.V.	201 2	Nuclear scintigraphy – A Diagnostic modality for Hepatic obstruction in a Dog.	Intas Polivet: Best Paper under category 'Research Article'.	2012: 13 (1): 94-97.	4.1
29	R. B. Patel, M. R. Patel, K. K. Bhatt, B. G. Patel, A. Mishra, K. Chutani, R. V. Gaikwad and A. Samad	201 3	Risperidone Microemulsion for Transnasal Delivery: Pharmacodynami c and Pharmacokinetic Evaluation	Pharmaceutical Nanotechnology,	2013, 1, 44-53	

List of Marathi and Popular articles published:

Sr. No	Authors	Year	Title	Name of the Journal/Magazine	Volume: Page Nos.
1	Dr.Pawalkar D.A. and Dr.R.V.Gaikwad	2018	Echocardiography: Tool in diagnosis of Cardiac diseases of Canine	VETLINE, August 2018, Page 2	

2	Dr.D.G.Dighe, Dr.R.D.Velhankar and Dr.R.V.Gaikwad		Animal blood and blood component bank	Mafsu varta , 2-3	

6. Research Recommendations

Sr. No.	
Year	
Project Title	
Investigators	
Recommendations	

7. MOU signed by the Colleges

Sr. No.	MOUS Between	Date of signing	Place	Duration
	Party – 1 & Party - II			

8. Research Priorities / Thematic areas: Department Wise

9. Significant Research Achievement:

Sr. No.	Achievements	Description
1	Patents Awarded (VNM / CLM)	COMPOSITION OF IN SITU GEL SYSTEM FOR PROLONGED RELEASE OF ANTIBIOTIC AND THE PROCESS OF PREPARING THE

		SAME Patent No. : 349919 Application No. : 1668/MUM/2009 Patentee : 1.MALA D. MENON 2.ABDUL SAMAD Name of Inventor : 1)MALA.D.MENON 2)ABDUL SAMAD 3)MANGAL.S.NAGARSENKER 4)RAJIV GAIKWAD 5)VAISHALI.A. SHIRSAT 6)MOHIT.R.MEHTA 7)APURVA KISHOR BHOIR 8)MAHESH R SHERKAR Publication Date : 20/01/2012
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