

DEPARTMENT OF PHARMACOLOGY

1. List of publications in Vancouver style yearwise (calendar year) (Period 2014 to 2019)

Year 2014

1. Marawar AP, Tilak AV, Mulkalwar SA, Sharma S, Mathew J, Deshpande TA. Evaluation and comparison of effects of donepezil and aspirin on working memory in rats. Research Journal of Pharmaceutical, Biological and Chemical Sciences March-April 2014; 5(2): 1845-1850.
2. SM Pore, KM Shinde. Risk factor for drug induced hepatitis with first line antituberculosis drugs in hospitalized patients of pulmonary tuberculosis. JPGM March 2014; 60(1): 90-92.
3. Datta A, Bhalerao SV, Shidore PP, Tilak AV, Patil S, Deshpande T. To evaluate the analgesic efficacy of an ethanolic extract of Piper beetle Linn. (paan) and its mechanism of action using animal models. Research Journal of Pharmaceutical, Biological and Chemical Sciences May-June 2014; 5(3): 424-431.
4. Mulkalwar S, Rane BT, Behera L. Restructuring the syllabus for MD Pharmacology: Retrospection of bioassay. Medical Journal of Dr. D.Y. Patil University July-August 2014; 7(4): 473-476.
5. Marawar AP, Marawar PP, Nandal DH, Tilak AV, Bhalsinge RR, Barde AA. Therapeutic Potential of melatonin in periodontitis: A Randomized placebo controlled Double blind study. Research Journal of Pharmaceutical, Biological and Chemical Sciences July-August 2014; 5(4): 31-39.
6. Manjare R M, Tilak AV, Rane BT, Dabhade, Bhalsinge RR S, Patil HP. Study of effects of Donepezil and aspirin on working memory in rats using electroconvulsive shock model. International journal of basic and clinical pharmacy Nov- Dec. 2014; 3(6): 1012-1015.

Year 2015

1. Mulkalwar S, .Lopamudra B, Pravin G, Manjare RM, Patil HP. Evaluation of wound healing activity of topical phenytoin in an excision wound model in rats. International Journal of Basic and Clinical Pharmacology January-February 2015; 4(1): 139-143.
2. Mulkalwar S, Rane BT, Munjal N, Golande P, Behera L. To evaluate and compare the hypoglycemic, antioxidant and hypolipidemic effect of lycopene with atorvastatin in hyperlipidemic New Zealand white rabbits. International Journal of Basic and Clinical Pharmacology January-February 2015; 4(1): 148-152.
3. Vikram AR, Tilak AV, Chaitra VR, Manjare RM, Rane BT, Patil SH. A study to compare perception of weight training as an equally useful and proper exercise modality as compared to walking in obese men. International Journal of Community Medicine and Public Health, April-June 2015; 2(2): 180-183.
4. Dabhade SA, Dabhade SS, Rane BT, Tiwari ST. The study of the effects of medicinal herb Indian Barberry (Darhald, Berberis aristata) on analgesic, wound healing and anti-inflammatory in experimental animals. World journal of pharmaceutical research July 2015; 4(8): 2656-2663.
5. Lakhanpal G, Bhalerao SV, Sharma S, Patil H. To study the efficacy of different formulations of aloe vera (spp. aloe barbadensis) on wound healing in rats. Research journal of pharmaceutical, biological and chemical sciences July-August 2015; 6(4): 432-440.

Year 2016

1. Dange SV, Shende SS, Rane BT, Tilak AV, Vaidya MU, Limaye MV. An observational study of the antidiabetic activity of berberine in newly diagnosed type 2 DM patients JPharm Biomed Sci. February- March 2016;6(3):230-233.
2. Mulkalwar S, Golande P. To compare the efficacy of alternate day versus everyday dosing of atorvastatin in hyperlipidemic rabbits. International Journal of Basic and Clinical Pharmacology March-April 2016; 5(2):434-441.
3. Mathews J, Dange SV, Dutta A, Tilak AV, Shende SS, Das S. An observational study of the effect of escitalopram and etizolam in the type 2 diabetes mellitus patients with depression. International Journal of Basic & Clinical Pharmacology September-October 2016; 6(1): 2212-2214.
4. Mulkalwar SA, Behera L, Golande P, Shah A. Evaluation of wound healing activity in phenytoin in an incision wound model in rats. Indian journal of pharmacy and pharmacology April- June 2016; 3(2):75-78.
5. Yadav S, Barde A, Worlikar P, Tilak AV, Bhalsinge RR, Raveendran S. Evaluation of wound healing activity of Triphala in incision wound model in rats. Indian Journal of basic and applied medical research: December-2016; 6(1):395-401.

Year 2017

1. Barde A, Yadav S, Worlikar P, Tilak AV, Kumar H, Gupta T. Evaluation of immunomodulatory action of atorvastatin calcium in mice. The Pharma Innovation January 2017; 6(2):105-109.
2. Shende SS, Shinde KM, Tilak AV, Rane BT, Raveendran S, Dabhade SA. A comparative study of American ginseng (spp. Panax quinquefolius) and donepezil on working memory in rats using scopolamine induced disruption of memory. International journal of basic and clinical pharmacology
4. Bhalsinge RR, Shinde KM, Chawre S, Shende SS, Jadhav MP, Tilak AV. To elucidate mechanism of action of nicotine in depression. The pharma innovation April 2017; 6(2): 121-123.
5. Patil SH, Rajbhoj S, Bhalerao SV, Jha P, Limaye MV, Vaidya MU. A comparative study of efficacy of argyria speciosa and orlistat for their anti-obesity action in high fat diet induced obese rats. International journal of basic and clinical pharmacology, March 2017; 6(3): 613-617.
6. Bhalsinge RR, Barde A, Worlikar P, Limaye MV, Dhole MP, Tilak AV. Effect of nicotine on serotonin (5-HT) levels in brain of depressed rats. International journal of basic and clinical pharmacology, April 2017; 6(4): 1-4.
7. Bhalsinge RR, Rajbhoj S, Das S, Yadav S, Shah A, Worlikar PS. Role of nicotine in depression through dopaminergic mechanism. International journal of basic and clinical pharmacology, April 2017; 6(4):864-867.
8. Bhuvaneshwari S, Shanmugham T, Dange SV, Tilak AV, Nandagavli MH. Pattern of drug usage of non-specific anti-diarrheal agents in acute diarrhea in a rural set up in pune district, Maharashtra. International journal of contemporary medical research March 2017;4(3):666-669.
9. Mulkalwar S, Shah AS, Raut M, Gupta T. Evaluation of efficacy, safety and tolerability of newer antiepileptic drugs in patients of epilepsy. International journal of current medical and pharmaceutical, January-2017, vol, 3, issue, 01, pp-1210 – 1212,
10. Dabhade SA, Tiwari S, Chattar KB, Dabhade SS. Journal of medical science and clinical research. March 2017 volume 5 Issue 03..
11. Shende SS, Tilak AV., Rane BT, Das S, Gupta T, Vaid R. A survey of knowledge of antiseptic and disinfectant use in staff nurses in a tertiary care hospital International Journal of Current Medical and Pharmaceutical Research. November -2017 Vol-3, Issue, 11, pp-2592-2594,
12. R.R. Bhalsinge, Rajbhoj SR, Limaye MV, Vaidya MU, Rane PS, Tilak AV. Anti-inflammatory and immunomodulatory activity of ethanol extract of aloe vera gel. International journal of pharmaceutical sciences and research November 2017. vol-8, issue -(11):1-05, November 2017
13. Rajbhoj S, Bhalsinge R, Dhole M, Das S, Raveendran S. Evaluation of antidepressant action of nicotine in an animal model. . International journal of current medical and pharmaceutical research. Vol-3, issue-12, page no-2764-2766, December-2017
14. Barde A, Yadav S, Worlikar P, Tilak AV, Kumar H. Study of immunomodulatory effect of sitopaladi churna in mice. Indian journal of basic and applied medical research 2017. Vol-7, Issue-1, page no-181-192.

Year 2018

1. Jha P, Bhalerao S, Dhole M. A comparative analysis of anxiolytic activity of Arnica Montana and alprazolam in rats using open field test. *International journal of basic and clinical pharmacology*. April 2018; 7(4):718-722.
2. Jha P, Bhalerao S, Dhole M. Comparison of antianxiety actions of Arnica Montana and alprazolam for acute anxiety in wistar rats. *The Pharma Innovation*. April 2018; 7(2):230-233.
3. Bhalsinge RR, Rajbhoj SR, Limaye MV, Vaidya MU, Rane PS, Tilak AV. Anti-inflammatory and immunomodulatory activity of Ethanol extract of Aloe Vera gel. *International journal of Pharmaceutical and Research*. 2018;7(2):230-233
4. Mulkalwar S, Saravanabavan P, Shah A, Gupta T, Kataria P, Jha P. Adherence to antihypertensive medication: Role of patients' awareness about the disease and its complications. *European Journal of Biomedical and Pharmaceutical Sciences*. 2018;5(7):660-666.
5. Vaidya M, Limaye M, Tilak AV, Raveendran S, Narkar N, Rane BT. Prescription pattern of antibacterial drugs used in upper respiratory tract infection in children in a tertiary care hospital. *European journal of biomedical and Pharmaceutical sciences*. 2018;5(7):500-506.
6. Limaye M, Tilak AV, Vaidya M, Kothari R, Dabhade SA. Drug utilization of anti-epileptic drugs in a tertiary care hospital. *European journal of biomedical and Pharmaceutical sciences*. 2018;5(7):507-512.
7. Mulkalwar S, Shah A, Kataria P, Gupta T, Tilak AV, Sharma B. A comparative study of antihyperglycemic effect of *Gymnema sylvestre* and Metformin in Streptozotocin induced diabetic rats. *International journal of basic and clinical pharmacology*: Aug 2018;7(8):1579-1586.

2019

1. Dhole M, Bhalerao S, Kewlani A, Jha P, Rane P, Shelar S. Comparison of anxiolytic activity of ondansetron and ursolic acid in chronic anxiety using elevated plus maze test. *International journal of current medical and pharmaceutical research*. January 2019; 5(1):Page no- 4009-4013.
2. Vaid R, Dange S V, Yadav S, Madrewar V, Kulkarni V. Experimental evaluation of analgesic activity of flupirtine using hot plate method. *International journal of current medical and pharmaceutical research*. January 2019; 5(1): page no-3988-3990.
3. Das S, Tilak A. V., Narkar N, Dange S V, Rane B.T. and Shende S. Prescription preference of antidiabetic drugs among clinicians. *The Pharma Innovation*. February 2019;8(3) :59-63.
4. Bhuvaneshwari S, Shanmugham T, Dange S V, Tilak A. V., Nandagavli M H. Safety and tolerability of nonspecific antidiarrheals in children with acute diarrhea, Original research, February 2019; 6 (2), page no-B1-B4.
5. Dhole M, Bhalerao S, Kewlani A, Bhalsinge R, Rane P and Shelar S . Comparison of anxiolytic activity activity of ordansetron and ursolic acid with diazepam in acute anxiety. *The Pharma Innovation*. March 2019,8(4), page no-1169-1175.
6. Rane P, Bhalerao S, Bhalsinge R, Kewlani A, Das S and Shelar S. Comparison of anxiolytic activity of *Garcinia indica* (Kokum) with diazepam in rats using elevated plus maze test. *The Pharma Innovation*. March-2019, 8(4): page no-918-922.
7. Rane B. T., Worlikar P. S., Mulkalwar S. A., Tilak A. V., Dabhade S. A. Evaluation of the effect of lycopene on lipid profile, serum antioxidant enzymes and blood sugar level in new Zealand white rabbits. *International journal of basic & clinical Pharmacology*. March 2019;8(3) : page no- 431-437.
8. Das S, Chaware S, Narkar N, Tilak A. V., Raveendran S, Rane P. Antidiabetic activity of *Coriandrum sativum* in streptozotocin induced diabetic rats. *International journal of basic & clinical Pharmacology*. April 2019, May;8(5), page no- 925-929.
9. Das S, Rajadnya V, Kothari R, Tilak A. V., Raveendran S, Deshpande T. Hypolipidemic activity of *Coriandrum sativum* in diabetic dyslipidemic rats. *International journal of basic and clinical Pharmacology*. June-2019, 8(6), page no-1393-1397.
10. Mulkalwar S, Gupta T, Kulkarni V, Tilak A. V., Rane B.T., Barde A. Evaluation of voglibose on body weight in rats. *International journal of basic and clinical Pharmacology*. June-2019, 8(6) page-1159-1166.
11. Raveendran S, Tilak A. V., Yadav S, Das S, Madrewar V, Kulkarni V. A study to evaluate the analgesic activity of *Origanum vulgare* in mice using hot plate method. *International journal of basic and clinical Pharmacology*. July 2019, 8(7), page no- 1563-1566.

2. Research and extension (From 1st January 2014 to till 2019) yearwise (calendar year)

(a) Research summary

Sr. No.	Name of the project and duration	Name of Teachers	Amount of seed money provided (INR in Lakhs)	Sanctioned Year
1.	Study of pharmacovigilance on patients of bronchial asthma and COPD	R.Bhalsinge, V.Mandalia	Rs. 10,000/-	CSC/USP/2018/08

(b) List of PhD Students

Sr. No.	Name of the faculty	Title of the Research Topic	Name of the Research Student	Date of enrolment of the Research Student
1.	Dr. P.S. Worlikar	Role of nicotine in depression and to elucidate its mechanism of action in rats	Dr. Rahul Bhalsinge	1 st July 2008
2.	Dr. P.S. Worlikar	To evaluate the immunomodulatory activity of herbal preparations and atorvastatin and to elucidate the mechanism of action of these preparations	Dr. Anita Barde	February 2011
3.	Dr. S. V. Dange	Review of status and role of nonspecific antidiarrheals in children with acute diarrhea	Dr. S. Bhuvaneshwari	February 2011
4.	Dr. S. V. Dange	Evaluation of Caralluma fimbriata extract in animal models of obesity.	Dr. Ambadasu Bharatha	February 2011
5	Dr. P.S. Worlikar	Pharmacological evaluation of honey, daruhaldi and shatdhaut ghrut on wound healing activity in rats.	Dr. Swati Mohalkar	2009
6.	Dr. P.S. Worlikar	Effect of Lycopene on serum antioxidant enzymes, lipid profile and glycated haemoglobin in rabbits	Dr. B.T. Rane	2012
7.	Dr. P. P. Shidore	Evaluation of promotional material of various pharmaceutical companies and prescribing pattern among clinicians in Pune.	Dr. S.A. Dabhade	2013

**List of ICMR – STS Research projects sanctioned (From 1st January 2014 to till 2019) yearwise
(calendar year)**

Sr. No.	Name of the Project	Investigators	Name of the Guide	Year of Award	Duration of the project	Funding Agency	Total amount of funds received
1	National Collaboration- A survey online of management of HTN by tertiary health care physicians in Pune	R. Jain	A. Barde,			ICMR – STS	Rs.10,000/-

3. PO and CO Analysis (UG as well as PG)

		Mapping of CO with PO for Pharmacology (U.G.)					
Class	Course Name	CO/PO	PO.1	PO.2	PO.3	PO.4	PO.5
			Clinician	Leader	Communicator	Lifelong learner	Professional
	Pharmacology	PH.1	3	0	2	2	0
		PH.2	3	2	2	2	2
		PH.3	3	2	2	2	2
		PH.4	3	1	3	3	3
		PH.5	3	2	3	2	3
		PH.6	0	0	0	2	1
		PH.7	3	2	2	2	2
		Average	2.6	1.3	2.0	2.1	1.9
		3= Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0= No mapping					

		Mapping of CO with PO for Pharmacology (U.G.)					
Class	Course Name	CO/PO	PO.1	PO.2	PO.3	PO.4	PO.5
			Clinician	Leader	Communicator	Lifelong learner	Professional
	Pharmacology	PH.1	3	0	2	2	0
		PH.2	3	2	2	2	2
		PH.3	3	2	2	2	2
		PH.4	3	1	3	3	3
		PH.5	3	2	3	2	3
		PH.6	0	0	0	2	1
		PH.7	3	2	2	2	2
		Average	2.6	1.3	2.0	2.1	1.9
		3= Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0= No mapping					

4. Alumni Placement (Till date)

Sr. No.	Name	Batch	Year passed out	Current job	Mobile No.	Email ID
1.	Dr. Angana Dutta	2011	2014	Asso. Prof., Dept. of Pharmacology, Burdwan Medical College, West Bengal	9733103123	
2.	Dr. Lopamudra Behera	2012	2015	Lupin, Mumbai	8655509591	drlopamudra88@gmail.com
3.	Dr. Harshal P. Patil	2012	2015	Manager, Medical Affairs, Lupin Ltd, Mumbai	7588129999	harshal9912@gmail.com
4.	Dr. Sagar S. Sharma	2012	2015	Medical Science Liaison, Sanofi	9850889891	sagar.sharma@sanofi.com
5.	Dr. Garima Lakhanpal	2012	2015	Centre Physician Incharge, Healthspring Clinics, Mumbai	7709070460	dr_lakhanpal@healthspring.in
6.	Dr. Rahul Manjare	2012	2015	Reliance Life Sciences	7977099679	
7.	Dr. Pravin Golande	2013	2016	Crest Media Solutions	8698975446	pdgolande@gmail.com
8.	Dr. Suhas Patil	2013	2016	Glaxosmithkline Pharmaceuticals Limited	7738138195	drsuhaspatil@gmail.com
9.	Dr. Teja Deshpande	2013	2016	Asst. Prof., Dr D.Y.Patil Medical College, Pimpri	7030643257	Tejad184@gmail.com
10.	Dr. Shrikrishna Shende	2014	2017	Principal Investigator, VerGoPharma Research Pvt. Ltd., Goa	7066335999	drshreekrishna.shende@gmail.com
11.	Dr. Makarand Jadhav	2014	2017	Assistant Professor, SKN Medical College.Pune.	9404682573	makarandjadhav@icloud.com
12.	Dr. Puja Jha	2015	2018	Drug Safety Officer, Apcer Life Science, New Delhi	7218714805	drpujajha05@gmail.com
13.	Dr. Mohanish Vaidya	2015	2018	Medical Advisor, Wockhardt, Mumbai	9850811455	mohanishvaidya@gmail.com
14.	Dr. Manasi Limaye	2015	2018	Regional Medical Advisor, GSK, Mumbai	8411877677	drmanasilimaye@gmail.com
15.	Dr. Aadil Shah	2015	2018	Safety physician, Crest Springer nature, Pune	9403605744	aadilshabbirshah@gmail.com
16.	Dr. Pallav Kataria	2015	2018	Safety physician, Crest Springer nature, Pune	7770057231	pallav.kataria@gmail.com
17.	Dr. Bhagyashree Sharma	2015	2018	Medical Advisor, Emcure pharmaceuticals, Pune	9766338954	Dr.bhagyashree.sharma@gmail.com
18.	Dr. Ritika Vaid	2016	2019	Regional Medical Advisor, Abbott India Ltd., Delhi	9823614149	ritikavaid265@gmail.com
19.	Dr. Sayan Das	2016	2019	Medical Advisor, Hands Pharmaceuticals, Kolkata	9903320008	doc.sayan.das@gmail.com
20.	Dr. Pratik Rane	2016	2019	Managing Director, Modern Health Care Pvt. Ltd., Mumbai	9833896774	Prane@mhcgrp.com

5. Mentorship details (For current year)

Sr No	Staff Name	Roll No	Name of the Student	Email address	Cell No	Fathers Name	Father Cell No	Parent Email
1.	Dr. Abhijeet V. Tilak Mobile No- 2226145484	2018-106	Seerat Sidhu	seerat.105@gmail.com	9910112664	Mr. Preetpal Singh Sidhu	9971347375	preetpal sidhu777@gmail.com
		2018-107	Sonali Mishra	sonalimishra18@gmail.com	9131308535	Uma Shankar Mishra	8889978661	
		2018-108	Smriti Unnikrishnan	nairsmriti2@gmail.com	9811310141	Mr. Unnikrishnan	9810005519	unni.uknair@gmail.com
		2018-109	Nikhil Mehta	nikhilmehtha1520@gmail.com	9053333366	Mr. Ramesh C. Mehta	9896654629	he_rameshmehta@yahoo.com
		2018-110	Kumari Diksha	kumaridiksha18@gmail.com	8329373374	Mr. Brish Bhan Gupta	9835094213	drbbg16@gmail.com
2.	Dr. Prema P. Shidore Mobile No- 9730020950	2018-111	Siddhant Priya Srivastava	spsrivastava27feb@gmail.com	9582256550	Mr. Rajesh Kumar Shrivastav	9415075119	r.s.srivastava2006@gmail.com
		2018-112	Rai Ananmaya Krishna	rakrishna199@gmail.com	9771857153	Rai Atul Krishan	9431074158	raitulkrishna35@gmail.com
		2018-113	Mahima Pandita	rmahip@rediffmail.com	8530358345	Raj Kumar Pandita	9596060786	rajkpan dita@gmail.com
		2018-114	Raut Siddhi Sanjay	yashsiddhi2010@rediffmail.com	8698681790	Dr. Sanjay Baliram Raut	9049907305	sanjayraut499@gmail.com
		2018-115	Bibaswan Deba Mishra	mbibaswan@rocketmail.com	9854003456	Mr.deba Kumar Mishra	9435103456	debamis hra3240@gmail.com
3.	Dr. S. V. Dange Mobile No- 9422031544	2018-116	Aaliya Rahman	aaliyaarahman1998@gmail.com	8530762231	Matiur Rahman	9939605595	effatrahmankihs@gmail.com
		2018-117	Shambhavi	shambhavi823@gmail.com	7004016077	Mr. Pankaj Kumar	9835064277	pankajmidas5480@gmail.com
		2018-118	Qureshi Samreen Bano Sajid	samreenqureshi703@outlook.com	9136045398	Mr. Sajid Qureshi	9820045398	Sajidshafique@h

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		2018- 119	Nagarkar Viren Raj	nagarkar.viren29@ gmail.com	80075999 33	Dr. Raj Vasantrya Nagarkar	9823061 929	draraj@c mccnas hik.in
		2018- 120	Akanksha Shrotriya	akanksha141999@ gmail.com	87885649 26	Dr. Anil Kumar Shrotriya	9837021 427	shrotriy aanilku mar@g mail.co m
4.	Dr. Sarita Mulkalwar Mobile No- 94223096 90	2018- 121	Patel Manan Prakash	manaapatel510.mp @gmail.com	95189168 78	Patel Prakash Shivlal	9860681 944	mananp atel545. mp@gm ail.com
		2018- 122	Sujanyal Saurabh Ashok	saurabhsujanyal@g mailo.com	91308268 26	Ashok Amirchand Sujanyal	9822435 811	ridhisjnl oo@gm ail.com
		2018- 123	Sarthak Chakrvarty	sartharchaks@gmai l.com	97307470 64	Col. J. Chakravarty	9876620 154	jatin878 8@yaho o.com
		2018- 124	Loveleen Garg	loveleengarg2199 @gmail.com	81466247 77	Vijay Garg	9216501 277	vkgarg3 77@gm ail.com
		2018- 125	Prasakshi Suhaag	sprasakshi@gmail. com	98109065 54	Mr. Satya Prakash	9350186 191	Satya25 15@gm ail.com
5.	Dr. Seema Bhalerao Mobile No- 94223163 07	2018- 126	Punit M Kamat	punitkamat1999@g mail.com	97305719 37	Mr. Manjunath Kamat	9886157 777	nalinika mat.91 @gmail. com
		2018- 127	Bhanushali Manali Navin	ngori502@gmail.co m	73874021 02	Mr. Navin L. Bhanushali	9822025 827	ngori50 2@gmai l.com
		2018- 128	Neerukonda Sanika	neerukondasanika @gmail.com	70362470 61	Mr. Neerukonda Subrahmanyam	9441901 945	neeruko nda.subr amanya m@gma il.com
		2018- 129	Mahale Maithili Yashwant	maithili.mahale4au g@gmail.com	94217994 43	Dr. Yashwant Jotiram Mahale	9890510 515	dr.yash wantma hale@g mail.co m
		2018- 130	Gopika Sreeja Vijay	gopika_sv@outloo k.com	90808000 68	Mr. Vijayakumar Viswanathan Nair	8800755 184	vijayan_ vk@hot mail.co m
6.	Dr. Shraddha Yadav Mobile No- 95529934 34	2018- 131	Ghumre Udayraj Deepakrao	uday.ghumare30@ gmail.com	86052135 25	Deepak Dattatrya Ghumre	9422244 142	uday.gh umare1 83@gm ail.com
		2018- 132	Rashi Bilgaiyan	rashi.bilgaiyan@g mail.com	70002062 44	Kanti Kumar Bilgaiyan	7000206 244	dubey.ri shi@gm ail.com

		2018-133	Praveen Kumar Suhalka	pk6105706@gmail.com	7378983548	Chunni Lal Suhalka	9982823138	
		2018-134	Sabmit Kumar Sen	sambitsen7@gmail.com	7682952098	Mr. Souvik Sen	9437280552	souvik.puri@gmail.com
		2018-135	Phate Tejasvini Rahul	tejaswiniphate11@gmail.com	9922960064	Mr. Rahul	9922408188	rahulphate16@gmail.com
7.	Dr. Rahul R. Bhalsinge Mobile No-9604509440	2018-136	Veeresh Amareshgouda Chittapur	chittapur506@gmail.com	7353496506	Amareshgounda S. Chittapur	9620316506	
		2018-137	Momin Inshirah Asif	inshirahmomin@yahoo.co.in	9820381063	Dr.asif Momin	9323881063	shenaz_momin@yahoo.com
		2018-138	Aishwarya Yeraguddi	yaraguddiaishwarya@gmail.com	7219139762	Mr. Ashok Yeraguddi	9448105583	ashokyaraguddi8@gmail.com
		2018-139	Aryan Gupta	Gupta.aryan14@gmail.com	9810121998	Mr. Sanjay Gupta	9810121908	sanjayfashion@airtelmail.in
		2018-140	Kazi Awwab Safi	awwabkazi12@gmail.com	9730365084	Mr. Safi Mohkamuddin Kazi	9822054768	safikazi123@gmail.com
8.	Dr. Anita A. Barde Mobile No-9422335883	2018-141	Chaudhari Shalaka Dnyandev	shalakachaushari5@gmail.com	7038200945	Mr. Dnyandev Tulshiram Chaudhari	9422003816	adv.dtchaudhari@gmail.com
		2018-142	Nikhil Yadav	nikhil9654983216@gmail.com	9414463216	Jaivinder	9811369830	
		2018-143	Gauri Narendra Powar	gouri.powar54@gmail.com	7588443622	Narendra Powar	9422437408	narendrapowar@rediffmail.com
		2018-144	Khushboo Jha	Khushboojha75@gmail.com	9727553142	Mr.ashokbhat Jha	9824152254	Chamundaengg101@gmail.com
		2018-145	Lahudkar Dhiraj Ashok	dhiraj.lahudkar007@gmail.com	8308324397	Ashok Tulshiram Lahudkar	9422882807	
9.	Dr. Satkar Rajbhoj Mobile No-9765049090	2018-146	Vanshika Chauhan	vpplusc.11@gmail.com	8894191311	Mr. Rajneesh Chauhan	9816655411	
		2018-147	Peswani Sandeep Ramdas	sandeepeswani@gmail.com	9518926916	Mr. Ramdas Peswani	8600677666	ramdaspeswani@gmail.com
		2018-148	Rishika Deswal	rishikadeswal@gmail.com	7387555071	Dr. D.S.Deswal	9891370553	dilawersingh7@

								gmail.co m
		2018-149	Aparajita Kumari	ako6041998@gmai l.com	97665486 72	Sanjay Kumar	8308601 100	skpun09 07@gm ail.com
		2018-150	Vaibhav Kapoor	vibhavkapoor12@g mail.com	98334814 23	Rajiv Kapoor	9819899 144	roopaka poor14 @gmail. com
10	Dr. Sanjeevani Chawre Mobile No-9860482249	2018-151	Jessica Sangwan	jessica.sangwan17 @gmail.com	70425556 09	Mr.Narender Kumar	9911826 555	
		2018-152	Danish Garg	damishgarg.1@gm ail.com	98998853 64	Suraj Garg	9811294 932	gargpro perty9@ gmail.co m
		2018-153	Yash Maheshwari	i.m.yash.maheshwa ri@gmail.com	96791918 07	Mohan Meshwari	8927142 075	mohan mahesh wari.nm @gmail. com
		2018-154	Ipsita Singh	insitasingh16@gma il.com	88068396 89	Dr. Yoginder Singh	9532093 921	leenara wat1@g mail.co m
		2018-155	Bhosale Vishal Mohan	bhosalevm01@gma il.com	94225259 86	Mr. Mohan S.Bhosale	9822756 467	bhosaler m01@g mail.co m
11	Dr. Teja Deshpande Mobile No-9823209269	2018-156	Aanal Patel	patelaanal1704@g mail.com	85304197 71	Ghanshyam Patel	9825097 719	agpatela h@yaho o.com
		2018-157	Mrinal Kant Tiwari	mrinalkanttiwari@ gmail.com	98073499 94	Dr. Ajay Kumar Tiwari	9807679 138	artitiwar i235@g mail.co m
		2018-158	Tiwari Khushi Vivek	hirhushv1990@gm ail.com	98199196 71	Vivek Tiwari	9820129 671	nellovt @yahoo .com
		2018-159	Priyam Mittal	priyam.mittal7@g mail.com	84370170 00	Mr. Hemant Mittal	9814620 214	shalika. hemant1 1@gmai l.com
		2018-160	Bhujadi Tanul Vithhal	tanulghujadi@gmai l.com	98816619 66	Vitthal Bhujadi	9822080 338	
12	Dr. Rane B.T. Mobile No-9226263300	2018-161	Vaibhav Rajhans	gr8vrajnans@gmail .com	70704861 13	Mr. Ajay K.rajhans	9431130 071	
		2018-162	Jadhav Aishwarya Pradeep	aishwaryajadhav.5. aj@gmail.com	72083363 92	Mr. Pradeep Jadhav	8976549 649	
		2018-163	Prashali Prashant Walke	walkeaashi@gmail. com	98691364 71	Prashant Walke	8652112 282	prashant walke20 07@redi ffmail.c om

		2018-164	Amanpreet Kaur	amansodhi_74@icloud.com	7717236969	Mr. Manjjit Singh	9814171922	Robinsps_1969@yahoo.co.in
		2018-165	Priya	priyaspy98@gmail.com	9113102745	Mr. Shyam Bihari Prasad Yadvendu	9934750727	
13	Dr. Sanjay A. Dabhade Mobile No-9823529505	2018-166	Manan Gandhi	mamc.abz@gmail.com	8989182223	Dr. Vijay Gandhi	9425822365	
		2018-167	Borkar Vaishnavi Manik	vainshnaviborkar6899@gmail.com	9545001757	Dr. Manik R. Borkar	9623676767	vaishnaviborekar6899@gmail.com
		2018-168	Manavi Rakesh Sanghavi	manavisnghv@gmail.com	9011134778	Mr. Rakesh Sanghvi	7507380033	sanghvitakesh74@gmail.com
		2018-169	Patil Nobal Balasaheb	nobalpatil88@gmail.com	9665111694	Balasaheb Patil	8275048169	namdeo patil800@gmail.com
		2018-170	Prerna Goel	prernagoel02@gmail.com	7530835303	Mr.ajay Kumar Gupta	9810734941	

6. Wall magazine:

DENGIVAXIA

First FDA approved (May 01, 2019) - Live attenuated vaccine for prevention of Dengue in endemic regions, caused by all serotypes (1,2,3,4) in people of age group (9-16 yrs), who have lab confirmed previous Dengue infection - 76% effective in children (9-16 yrs) - Approved in 19 countries & European Union.

Adverse Effects: Headache, Muscle/Joint pain, Fatigue, Injection-site pain, low grade fever.
Precautions: Confirmation of Previous Dengue infection by serological testing.

C/I: No previous Dengue infection & any serotype (if given can lead to severe/fatal Dengue Hemorrhagic fever).

Dose: Total 3 doses - 6 monthly

Healthcare's primary problem

It is imperative to promote community-based care rather than relying only on hospital services



The deaths of 154 children in Bihar due to acute encephalitis syndrome (AES) has laid bare the precarious capacity of the State's healthcare apparatus to handle outbreaks. AES has been linked to two factors: litchi consumption by starving children and a long, ongoing heat wave. As promises of bolstering the health infrastructure are being made, it is important to analyse what could have formed the ideal line of action.

AES is largely preventable both before and just after the onset of the disease, and treatable with high chances of success on availability of medical intervention within 2-4 hours of symptoms. Therefore, the first signs of an outbreak must prompt strong prevention measures. These include, apart from a robust health education drive and replenishing primary health centres (PHCs) with essential supplies, extensive deployment of peripheral health workers (ASHA workers) and ambulance services to facilitate rapid identification and management of suspected cases. Vacant doctor positions in PHCs must be urgently filled through deputation. Furthermore, short-term scaling-up of the Poshan Abhiyaan and the supplementary nutrition programme - which makes available hot, cooked meals for pre-school children at Anganwadis along with take-home ration for mothers and distribution of glucose ORS packets in risk households - are imperative. Nearly every one of these elements lies undermined in Bihar.

Crumbling healthcare in Bihar
In Bihar, one PHC caters to about 1 lakh people rather than the norm of 1 PHC per 30,000 people. Furthermore, it is critical for such a PHC, catering to more than three times the standard population size, to have at least two doctors. However, three-fourths of the nearly 1,000 PHCs in Bihar have just one doctor each. Muzaffarpur has 103 PHCs (about 70 short of the ideal number) with 98 of them falling short of basic requirements outlined by the Health Management Information System, Bihar, one of the most populous States, had a doctor-population ratio of 1:17,200 in 2016, 60% higher than the national average, and with only 2% of the total health seats in the country. There is also a one-fifth shortage of ASHA personnel, and nearly one-third of the sub-health centres have no health workers at all. While the State

reels under the highest load of malnutrition in India, a study found that around 75% and 38% of funds meant for hot, cooked meals and take-home ration, respectively, under the supplementary nutrition programme, were pilfered. Meals were served for just more than half the number of prescribed days, and only about half the number of beneficiaries on average actually got them.

This is not all. Even those PHCs with adequate supplies remain underutilised. Perennial subscription to selective healthcare services by PHCs, like family planning and immunisation, have cultivated the perception that PHCs are inept as centres of general healthcare. This leads patients either directly to apex government hospitals situated far away or to unqualified private providers. This results in a patient losing precious time in transit and landing up in a hospital in a critical and often irreversible stage of illness. Merely strengthening the tertiary care sector will be inefficient and ineffective. Most attention was focused on the poor state of the Sri Krishna Medical College and Hospital in Muzaffarpur, with 600 beds, already functioning beyond its full capacity. Hospitals in Muzaffarpur have a bed occupancy of over 300%, three times the full occupancy. In such a case, even a significant addition of hospital beds and ICUs won't solve the problem. ICUs can only deal with the most advanced cases. A narrow focus on the hospital sector will wastefully increase costs, ignore the majority of cases, increase the number of cases that are in advanced stages, while continuing to overstretch public hospitals.

Revamp primary health infrastructure
The solution lies in building more functional PHCs and sub-health centres, scaling up the cadres of ASHA workers, strict monitoring of nutrition programmes, and addressing the maldistribution of doctors and medical colleges. The resultant robust primary care system can then be geared towards being more responsive to future outbreaks. We should also bolster our technical capacity to better investigate the causes of such outbreaks and operationalise a concrete long-term strategy.

Policy documents, while emphasising on financial and managerial aspects of public health, fail to address the aberrant developmental paradigm of our health services. Decades of hospital-centric growth of health services have eroded faith in community-based healthcare. In these circumstances, even easily manageable illnesses increase demand for hospital services rather than PHCs. There is need to work on inculcating confidence in community-based care.

Shashank D. Bhaduri is a Mumbai-based doctor and Editor, The Indian Practitioner.



T. JACOB JOHN

MUZAFFARPUR in Bihar is famous for litchi and infamous for children dying due to annual seasonal brain disease outbreaks. The common brain diseases in children with high mortality are meningitis, encephalitis and encephalopathy. These three have clear-cut differences and very different treatments. Trained paediatricians know how to distinguish the three. If diagnostic criteria are not applied for various reasons, then the three are not distinguished by doctors. That is when an easy diagnostic term covering all three - "acute encephalitis syndrome" (AES) - becomes handy.

Meningitis is most unlikely in large annual seasonal outbreaks. Encephalitis outbreaks in various parts of India are caused by the Japanese Encephalitis (JE) virus, transmitted by Culex mosquitoes. The pre-monsoon months of April-May-June have low mosquito density so JE can also be readily excluded. JE occurs in other districts in Bihar, but not in Muzaffarpur, as the ecology is not conducive for Culex breeding.

The disease description that one only under-nourished children are affected; two, only children between two and 10 years are affected and three, the onset of convulsions and unconsciousness is always between 4 am and 7 am are clear pointers against any virus infection causing the disease. Viruses, including JE, do not respect nutritional status, age and diurnal rhythm.

This inevitably leads us to conclude that the outbreak disease is encephalopathy. The early morning onset and frequent finding of low blood glucose level (hypoglycaemia)

DON'T BLAME THE LITCHI

Deaths in Muzaffarpur are due to chronic malnutrition

The Indian Express 03/07/2019

point to a biochemical disease related to glucose metabolism. Several hours after food intake (early morning) is when the body tends to develop hypoglycaemia.

If the fasting interval is longer than 6-7 hours, because some children were not given a night meal, the situation becomes more severe. That was a common story when I investigated the problem. Malnourished children do not have glucose reserves in the liver, which makes matters worse. In 2016 and 2017, a simple intervention - all grass root health workers consistently teaching rural families not to allow children sleep without a cooked meal - had brought down the case numbers drastically. I suspect this was not sustained in 2018 and 2019.

The disease is not simple hypoglycaemia. In addition, there is brain swelling caused by toxic damage to brain cells - encephalopathy, specifically, "hypoglycaemic encephalopathy". The toxic substance for brain cells are amino-acids made within the body while attempting to synthesise glucose from fatty acids, but blocked halfway by an external stimulus. When fatty acid oxidation is blocked, amino-acids accumulate and cause encephalopathy.

If doctors had treated the sick and unconscious children with a 10 per cent glucose infusion within four hours of onset, all the children would have recovered. In 2013, all 32 primary health centre doctors in the area were taught this life-saving remedy. Before giving glucose they had to collect a blood sample to measure blood glucose level just to confirm that the child had hypoglycaemia.

Doctors were used to 5 per cent glucose to correct hypoglycaemia. The high blood glucose level created with 10 per cent glucose actually turns off the fatty acid oxidation cycle immediately, so no more amino-acids accumulate to further damage brain cells.

This year, apparently, many doctors were new and were not taught about the urgency to give 10 per cent glucose. Many children were referred to Muzaffarpur medical college, and the long delay in reaching there resulted in many deaths. Prevention is simple, as is treatment.

Where do litchis fit in? The external stimulus that blocks the fatty acid oxidation cycle for glucose synthesis is methylene cyclopropylglycine, present in the edible pulp of litchies. Normally-nourished children or adults suffer no adverse effects from litchi. Only when malnutrition and skipping the night meal come together does the litchi eaten the previous day become the last straw.

The socio-behavioural risk factors are the real cause of the outbreak. Where litchi orchards and gross malnutrition are not superimposed, like in Punjab and Haryana, hypoglycaemic encephalopathy is not a problem. Blame the overload on the camel more than the last straw. Blame chronic malnutrition and prolonged fasting for the disease more than the litchi.

The writer, a paediatrician-cum-virologist, has been president of Indian Academy of Pediatrics and retired from the Christian Medical College, Vellore. He investigated the Muzaffarpur disease in 2012, 2013 and 2014.

Chronic malnutrition; is the cause ----
Don't blame Litchi for children deaths in Muzaffarpur.....!

- T. Jacob John

Paediatrician.

7. Teaching programme (Actual teaching programme should be reflected and not methods)

Lesson Plan of 5th Semester MBBS II / III M.B.B.S. TEACHING SCHEDULE (Effective from 01.07.17)

Day & Date	Time	Topic	Teacher
Mon 01/07/19	2-3	OFF	OFF
	3-5(B)	OFF	OFF
Tue 02/07/19	3-5(C)	OFF	OFF
Wed 03/07/19	12-1	Vitamins	Dr.Teja Deshpande
	3-5(D)	OFF	OFF
Thu 04/07/19	3-5(A)	OFF	OFF
Sat 06/07/19	3-4	Intro to Endo	Dr.S.V.Dange
	4-5	M.S.H.	Dr.S.V.Dange
Mon 08/07/19	2-3	Paper discussion Term end exam	Dr.A.V.Tilak
	3-5(B)	Calculation of drug dosage & Conc	Dr.Anita Barde Dr.Nimish Narkar Dr. Sarthak Walia
Tue 09/07/19	3-5(C)	Calculation of drug dosage & Conc	Dr.Nimish Narkar Dr.Sarthak Walia
Wed 10/07/19	12-1	Chelating Agents	Dr.Sanjay Dabhade
	3-5(D)	Calculation of drug dosage & Conc	Dr.Nimish Narkar Dr.Sarthak Walia
Thu 11/07/19	3-5(A)	Calculation of drug dosage & Conc	Dr.Nimish Narkar Dr.Sarthak Walia
Sat 13/07/19	3-4	Thyroid	Dr.Shraddha Yadav
	4-5	Antithyroid drugs	Dr.Shraddha Yadav
Mon 15/07/19	2-3	Diabetes Mellitus	Dr.Sarita Mulkalwar
	3-5(B)	Pharmacoeconomics	Dr.Revati Kothari Dr.Aakash Kewlani
Tue 16/07/19	3-5(C)	Pharmacoeconomics	Dr.Revati Kothari Dr.Aakash Kewlani
Wed 17/07/19	12-1	Diabetes Mellitus II	Dr.Sarita Mulkalwar
	3-5(D)	Pharmacoeconomics	Dr.Revati Kothari Dr.Aakash Kewlani
Thu 18/07/19	3-5(A)	Pharmacoeconomics	Dr.Revati Kothari Dr.Aakash Kewlani
Sat 20/07/19	3-4	Pharmacokinetics	Dr.Anita Barde
	4-5	Pharmacokinetics	Dr.Revati Kothari



			Dr.Nimish Narkar
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Day & Date	Time	Topic	Teacher
Mon 22/07/19	2-3	Integrated Teaching	
	3-5(B)	Rational Pharmacotherapy - I	Dr.Aakash Kewlani Dr.Snehal Ambre
Tue 23/07/19	12-1	Enteric fever	Dr.S.V.Dange
	3-5©	Rational Pharmacotherapy I	Dr.Aakash Kewlani Dr.Snehal Ambre
Wed 24/07/19	12-1	Integrated Teaching	Dr.S.V.Dange
	3-5(D)	Rational Pharmacotherapy – I	Dr.Aakash Kewlani Dr.Snehal Ambre
Thu 25/07/19	3-5(A)	Rational Pharmacotherapy – I	Dr.Aakash Kewlani Dr.Snehal Ambre
Sat 27/07/19	3-4	P.D	Dr.Teja Deshpande
	4-5	P.D	Dr.Aakash Kewlani Dr.Vishwanath Kulkarni
Mon 29/07/19	2-3	F.S.H. I	Dr.Seema Bhalerao
	3-5(B)	Case study-D.M	Dr.Aakash Kewlani Dr.Nimish Narkar
Tue 30/07/19	3-5©	Case study-D.M	Dr.Aakash Kewlani Dr.Nimish Narkar
Wed 31/07/19	12-1	F.S.H. II	Dr.Seema Bhalerao
	3-5(D)	Case study-D.M	Dr.Aakash Kewlani Dr.Nimish Narkar
Thu 01/08/19	3-5(A)	Case study-D.M	Dr.Aakash Kewlani Dr.Nimish Narkar
Sat 03/08/19	3-4	Cholinergic agonist	Dr.Sanjay Dabhade
	4-5	Antagonists	Dr. Aakash Kewlani Dr. Revati Kothari
Mon 05/08/19	2-3	Cancelled due to floods	
	3-5(B)	Cancelled due to floods	
Tue 06/08/19	3-5©	Cancelled due to floodS	
Wed 07/08/19	12-1	Corticosteroids I	Dr.Anita Barde
	3-5(D)	Adverse drug reaction reporting	Dr.Vishwadeep Madrewar

Thu 08/08/19	3-5(A)	Adverse drug reaction reporting	Dr.Vishwadeep Madrewar Dr.Snehal Ambre
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Day & Date	Time	Topic	Teacher
Sat 10/08/19	3-4	Adrenergic agonists	Dr.Snehal Ambre
	4-5	Antagonist	Dr.Snehal Ambre
Mon 12/08/19	2-3	BAKRI ID HOLIDAY	
	3-5(B)	BAKRI ID HOLIDAY	
Tue 13/08/19	3-5©	Perioperative drug management	Dr. Aakash Kewlani Dr. Revati Kothari
Wed 14/08/19	12-1	Corticosteroids II	Dr.Anita Barde
	3-5(D)	Perioperative drug management	Dr. Aakash Kewlani Dr. Revati Kothari
Thu 15/08/19	3-5(A)	INDEPENDENCE DAY (HOLIDAY)	
Sat 17/08/19	3-4	PARSI NEW YEAR (HOLIDAY)	
	4-5		
Mon 19/08/19	2-3	Integrated Teaching	
	3-5(B)	Case study-ADR reporting Peri-operative drug mgt	Dr.Vishwadeep Madrewar Dr.Sarthak Walia Dr.Aakash Kewlani Dr.Revati Kothari
Tue 20/08/19	3-5©	Case study	Dr.Vishwadeep Madrewar Dr.Sarthak Walia
Wed 21/08/19	2-3	Integrated Teaching (Pneumonia)	Dr.S.V.Dange
	3-5(D)	Case study	Dr.Vishwadeep Madrewar Dr.Sarthak Walia
Thu 22/08/19	3-5(A)	Case study-ADR reporting Peri-operative drug mgt	Dr.Vishwadeep Madrewar Dr.Sarthak Walia Dr.Aakash Kewlani Dr.Revati Kothari
Sat 24/08/19	3-4	Agonist	Dr.S.V.Dange
	4-5	Antagonist	Dr.S.V.Dange

Day & Date	Time	Topic	Teacher
Mon 26/08/19	2-3	Vaccines & Sera	Dr.Sanjay Dabhade
	3-5(B)	Mid term viva	Dr.A.V.Tilak Dr.S.V.Dange Dr.Sarita Mulkalwar Dr.Seema Bhalerao Dr.Shraddha Yadav Dr.Anita Barde Dr.B.T.Rane
Tue 27/08/19	3-5©	Mid term viva	Dr.A.V.Tilak Dr.S.V.Dange Dr.Sarita Mulkalwar Dr.Seema Bhalerao Dr.Shraddha Yadav Dr.Anita Barde Dr.B.T.Rane
Wed 38/08/19	12-1	Skin	Dr.Shraddha Yadav
	3-5(D)	Mid term viva	Dr.A.V.Tilak Dr.S.V.Dange Dr.Sarita Mulkalwar Dr.Seema Bhalerao Dr.Shraddha Yadav Dr.Anita Barde Dr.B.T.Rane
Thu 29/08/19	3-5(A)	Mid term viva	Dr.A.V.Tilak Dr.S.V.Dange Dr.Sarita Mulkalwar Dr.Seema Bhalerao Dr.Shraddha Yadav Dr.Anita Barde Dr.B.T.Rane
Sat 31/08/19	3-4	Hypertension	Dr.Nimish Narkar Dr.Aakash Kewlani
	4-5	Angina	Dr.Vishwadeep Madrewar Dr.Revati Kothari
Mon 02/09/19	2-3	Ganesh Chaturthi (HOLIDAY)	
	3-5(B)		
Tue 03/09/19	3-5© 3-5©	Rational Pharmacotherapy II +Endo DP,ADR+Clinical problems	Dr.Vishwadeep Madrewar Dr.Revati Kothari Dr.Amodini Arora
Wed 04/09/19	2-3	Oxytocics & tocolytics	Dr.Teja Deshpande

3-5(D)

Rational Pharmacology II

Dr.Vishwadeep

Madrewar

Dr.Amodini Arora

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Day & Date	Time	Topic	Teacher
Thu 05/09/19	3-5(A)	Rational Pharmacotherapy II +Endo DP,ADR+Clinical problems.	Dr.Vishwadeep Madrewar Dr.Revati Kothari Dr.Amodini Arora
Sat 07/09/19	3-4	F.S.H	Dr.Vishwadeep Madrewar Dr.Vishwanath Kulkarni
	4-5	F.S.H	Dr.Revati Kothari Dr.Aakash Kewlani
Mon 09/09/19	2-3	OFF due to teachers day celebration	
	3-5(B)		
Tue 10/09/19	3-5 (C)	MOHARUM (HOLIDAY)	
Wed 11/09/19	12-1	Revision	Dr.A.V.Tilak
	3-5(D)	Endo-ADR,18lip rob,dd.	Dr.Vishwadeep Madrewar Dr.Amodini Arora
Thu 12/09/19	3-5(A)	ANANT CHATURDASHI (HOLIDAY)	
Sat 14/09/19	3-4	D.M	Dr.Nimish Narkar Dr.Vishwadeep Madrewar
	4-5	D.M	Dr.Revati Kothari Dr.Vishwanath Kulkarni

8. Integrated Teaching

DATE	NAME OF TOPIC	NAME OF FACULTY
19/09/14	Urinary Tract Infection	Dr. Seema Bhalerao
12/07/16	Treatment of Enteric fever	Dr. S. V. Dange
03/08/16	Treatment of Pneumonia	Dr. S. V. Dange
08/09/16	Treatment of Pyelonephritis	Dr. S. V. Dange
09/11/16	Treatment of Pneumonia	Dr. S. V. Dange
08/02/17	Treatment of Tuberculosis	Dr. S. V. Dange
09/02/17	Treatment of Tuberculosis	Dr. S. V. Dange
23/03/17	Treatment of HIV infection	Dr. S. V. Dange
08/08/17	Treatment of Enteric fever	Dr. S. V. Dange
24/01/18	Treatment of Tuberculosis	Dr. S. V. Dange
27/02/18	Treatment of HIV	Dr. S. V. Dange
28/02/18	Treatment of HIV infection	Dr. S. V. Dange
01/03/18	Treatment of HIV	Dr. S. V. Dange
11/07/18	Treatment of Pneumonia	Dr. S. V. Dange
28/08/18	Treatment of Enteric fever	Dr. S. V. Dange
23/10/18	Treatment of Pyelonephritis	Dr. S. V. Dange
30/01/19	Treatment of Tuberculosis	Dr. S. V. Dange
24/07/19	Treatment of Enteric fever	Dr. S. V. Dange
21/08/19	Treatment of Pneumonia	Dr. S. V. Dange

9. Dissertation

Sr. No	Title	Author and Guide
1.	The effect of lamotrigine on working memory in rats.	Dr. Garima Lakhanpal Dr. Seema Bhalerao
2.	Comparative study of ginkgo biloba and donepezil on working memory in rats.	Dr. Sagar Sharma Dr. Abhijeet Tilak
3.	To evaluate and compare wound healing effect of Topical Phenytoin with Povidone iodine ointment in rats.	Dr. Lopamudra Behera Dr. Sarita Mulkalwar
4.	Evaluation of antiulcer effect of cilnidipine in cysteamine induced duodenal ulcer model in Rats	Dr. Harshal Patil Dr. Seema Bhalerao
5	To evaluate the analgesic activity of garlic extract in rats	Dr. Jill Mathew Dr. S. V. Dange
6.	To evaluate hypoglycemic action of edible camphor and to elucidate its mechanism of hypoglycemic action in streptozotocin induced diabetic rats	Dr. Rahul Manjare Dr. Abhijeet Tilak
7.	A comparative study of efficacy of <i>Argyreiapreciosa</i> and Orlistat for their antiobesity action in high fat diet induced obese rats.	Dr. Suhas Patil Dr. Seema Bhalerao
8.	To compare the efficacy of alternate day versus everyday dosing of atorvastatin in hyperlipidemic rabbits	Dr. Pravin Golande Dr. Sarita Mulkalwar
9.	To evaluate analgesic efficacy of Abutilon Indicum (Atibala) in Rats.	Dr. Teja Deshpande Dr. PremaShidore
10.	Evaluation of anxiolytic activity of <i>vitex negundo</i> in rats.	Dr. Makarand Jadhav Dr. PremaShidore
11.	Comparative study of donepezil and american ginseng on working memory of rats.	Dr. Shrikrishna Shende Dr. Abhijeet Tilak
12.	A study to evaluate the antibacterial drugs used in upper-respiratory tract infection in pediatric age group.	Dr. Mohanish Vaidya Dr. Abhijeet Tilak
13.	To study drug utilization pattern of antiepileptic drug in Pimpri-Chinchwad area.	Dr. Manasi Limaye Dr. Abhijeet Tilak
14.	A comparative study to evaluate the antihyperglycemic effect of ranolazine with metformin in rats with experimentally induced diabetes.	Dr. PallavKataria Dr. PremaShidore
15.	A study to evaluate the antihyperglycemic and antidyslipidemic activity of hydroxychloroquine in rats with experimentally induced diabetes.	Dr. Bhagyashree Sharma Dr. S. V. Dange
16.	A comparative study of antihyperglycemic effect of <i>Gymnemasylvestre</i> and metformin in streptozotocin induced diabetic rats.	Dr. Aadil Shah Dr. Sarita Mulkalwar
17.	A comparative analysis of anxiolytic activity of <i>Arnica montana</i> and buspirone.	Dr. Puja Jha Dr. Seema Bhalerao
18.	A study to evaluate the antidiabetic and hypolipidemic activity of <i>Coriandrum sativum</i> in rats	Dr. Sayan Das Dr. Abhijeet Tilak
19.	A study to evaluate the analgesic activity of <i>Origanum vulgare</i> in mice	Dr. Siddhi Raveendran Dr. Abhijeet Tilak
20.	Evaluation of analgesic activity of flupirtine in rats	Dr. Ritika Vaid Dr. S. V. Dange
21.	Evaluation of voglibose on body weight in rats	Dr. Tanya Gupta Dr. Sarita Mulkalwar
22.	A study to evaluate and compare efficacy of ursolic acid and aondansetron with diazepam for their anxiolytic effect in rats	Dr. Mrunal Pramod Dhole Dr. Seema Bhalerao

23.	Evaluation of anxiolytic activity of <i>Garcinia indica</i> in rats	Dr. Pratik Rane Dr. Seema Bhalerao
24.	Effect of Lycopene on serum antioxidant enzymes, lipid profile and glycated haemoglobin in rabbits'	Dr. B.T. Rane Dr. Pratibha Worlikar
25.	Evaluation of Drug Promotional Material of Various Pharmaceutical Companies and Prescribing Pattern among Clinicians in Pune	Dr. Sanjay Dabhade Dr. Prema P. Shidore
26.	Study of prescription pattern of antihypertensive drugs in a tertiary care hospital	Dr. Nimish Narkar Dr. A. V. Tilak
27.	A study to evaluate & compare the anti-inflammatory activity of Tulsi (<i>Ocimum sanctum</i>) and Neem (<i>Azadirachta indica</i>) in acute inflammation in rats using digital plethysmometer	Dr. Aakash Kewlani Dr. Seema Bhalerao
28.	Study of drug utilization pattern of Cephalosporins in a tertiary care hospital	Dr. Revati Kothari Dr. A.V. Tilak
29.	Study of prescription pattern of antidiabetic drugs used in tertiary care teaching hospital	Dr. Vishwadeep Madrewar Dr. S.V. Dange
30.	Effect of <i>Syzygium cumini</i> (Jamun) on blood glucose levels in diabetic rats	Dr. Vishwanath Kulkarni Dr. Sarita Mulkalwar

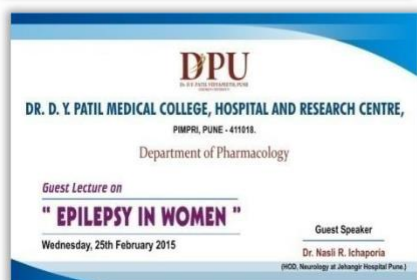
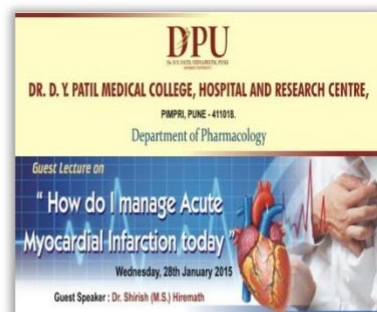
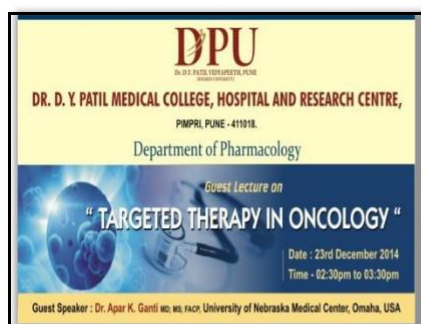
**10. Achievements/Awards of Faculty, UG Student, PG student yearwise
(calendar year)from 1st January 2014 to 2019 till date**

Sr. No.	Name	Designation	Details of achievements
Year 2014			
1	Dr. Lopamudra Behera	PG resident	Poster presentation
2	Dr. Garima Lakhanpal	PG resident	Poster presentation
	Dr. Mathew Jill	PG resident	Paper presentation
Year 2016			
1	Dr. Makrand Jadhav	PG resident	Paper presentation
2	Dr. Bhagyashree Sharma	PG resident	Poster presentation
Year 2017			
1	Dr. Sarita Mulkalwar	Professor	Innovative teaching
2	Dr. Puja Jha	PG resident	Paper presentation

11. Conferences/CME/Workshop organized by department year wise (calendar year) from 2014 to 2019 till date (With 2/3 photographs of each event)

Sr. No.	Title	Date	Guest Speaker	No. of Delegates Attended
Year 2014				
1	Targeted therapies for malignancies	23/ Dec/ 2014	Dr. Apar K. Ganti MD, MS, FACP, Physician Associate Professor, Department of Internal Medicine in Onco- Hematology Division, University of Nebraska, Omaha, NE.	120
Year 2015				
1	How do I manage Acute Myocardial Infarction today??	28/Jan/2015	Dr. Shirish Hiremath (M.S.) Director, Cardiac Cathlab, Ruby Hall Clini, Pune	150
2	Epilepsy in Woman	25/ Feb/2015	Dr. N. R. Ichaporia DM Neurology	200
Year 2016				
1	Young Genie Mobile app launch	21/Jun/2016	Dr. Deepak Bacchani Abbot Healthcare Pvt Ltd.	210
Year 2017				
1	Intellectual Property Rights	22/Mar/2017	Dr. Amarinder Singh General Manager, Troikaa Pharmaceutical Ltd, Ahmedabad.	170
2	Recent trends in Critical care management	27/June/2017	Dr. A.Garg Dr.Jignesh Shah Dr.PraveenArora Dr.H.G.Deshpande Dr.Neeraj Jain Dr.S.R.Agarkhedkhar Dr.Jayant Shelgaonkar	190

Sr. No.	Title	Date	Guest Speaker	No. of Delegates Attended
Year 2018				
1	Clinical Trials of Vaccines	25/Jan/2018	Dr Prasad Kulkarni, Serum Institute of India Ltd, Pune.	100
2	Pharmacogenomics	24/April/2018 Dept. of Pharmacology, Dr.D.Y.Patil Medical College Hospital and Research Centre, Pune	Dr.Kedar Joshi (M.D.) Medical Director, Gene Support.	



**12. Conferences/CME/Workshop attended by faculty and students year wise
(calendar year) from 1st 2014 to 2019 till date**

Sr. No.	Name of the Participant	Designation	Name of the CME/Conference/Workshop	Date & Venue/place	Role (Delegate/ Resource Person/ Chairperson/ Panelist)
Year 2014					
1	Dr.Rahul Manjare	Demonstrator	47 th Annual Conference of Indian Pharmacological society	28 th to 30 th December Gauhati Medical College, Guwahati.	Presenter of a Paper
2	Dr.Harshal Patil	Resident	47 th Annual Conference of Indian Pharmacological society	28 th to 30 th December, Gauhati Medical College, Guwahati.	Presenter of a Paper
3	Dr.Lopamudra Behera	Resident	ABMH PHARMACON-2014	27 th & 28 th September	Delegate
4	Dr. Garima Lakhanpal	Resident	XL annual research society conference	6 th and 7 th March B.J.Government Medical College and Sassoon general hospital	Delegate
5	Dr.Sagar Sharma	Resident	XL annual research society conference	5 th March B.J.Government Medical College and Sassoon general hospital	Delegate
Year 2015					
1	Dr.S.A.Mulkalwar	Professor	3 rd MCI Advance Course:fellowship in medical education(part I)	29 th September to 3 rd October, Seth G S Medical College & KEM Hospital	Delegate
2	Dr.Shraddha Yadav	Asso.Professor	Cell lines: a newer avenue for research in medicine	23 rd December, Bharati Vidyapeeth Deemed University Medical College,Katraj.	Delegate
3	Dr.K.M.Shinde	Asso.Professor	Cell lines: a newer avenue for research in medicine	23 rd December, Bharati Vidyapeeth Deemed University	Delegate

				Medical College,Katraj	
4	Dr.B.T.Rane	Asst.Professor	MAHACON-II2015	29&30 January, Dr.D.Y.Patil Medical College,Pimpri,Pune	MMC OBSERVER
5	Dr.B.T.Rane	Asst.Professor	DPU RESPIRATORY UPDATE 2015	30 August, Dr.D.Y.Patil Medical College,Pimpri,Pune	MMC OBSERVER
6	Dr.S.B.Bhalerao	Professor	Cognicance meeting on NABH Accreditation in clinical research	18 th July Institutional Ethics Committee of Chest Research Foundation,Pune	-
7	Dr.B.T.Rane	Asst.Professor	Basic course workshop in medical education in technologies	28 th to 30 th July. Dr.D.Y.Patil Medical College,Pimpri,Pune	MMC OBSERVER

Year 2016

1	Dr.A.V.Tilak	Prof. & Head	Wokshop on research methodology for residents	3 rd & 14 th June Dr.D.Y.Patil Medical College,Pimpri,Pune	Resource person
2	Dr.Pratik Rane	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
3	Dr.Mrunal Dhole	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
4	Dr.Manasi Limaye	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
5	Dr.Pallav Kataria	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
6	Dr.Bhagyashree Sharma	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-

7	Dr.Puja Jha	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
8	Dr.Mohanish Vaidya	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
9	Dr.Siddhi Raveendran	Resident	Good clinical practices and schedule and NABH accreditation	20 th August Ethical research initiatives,Ruby Hall clinic	-
10	Dr.S.V.Dange	Professor	Annual CSI 2016	17 th April, Cardiological Society of India,Pune Branch	Delegate
Year 2017					
1	Dr.Sarita Mulkalwar	Professor	Training program on “Schedule Y,GCP and Bioethics”	25 th October Bharati Vidyapeeth Deemed University Medical College,Katraj	-
2	Dr.A.V.Tilak	Prof. & Head	Workshop on health science education technology	7 th to 11 th August, Dr.D.Y.Patil Medical College,Pimpri,Pune	Faculty
3	Dr.A.V.Tilak	Prof. & Head	Pre-Ph.D course on research methodology	24 th March, Dr.D.Y.Patil Medical College,Pimpri,Pune	-
4	Dr.A.V.Tilak	Prof. & Head	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate
5	Dr.Ritika Vaid	Resident	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate
6	Dr.Puja Jha	Resident	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate

7	Dr.Sanjeevani Chawre	Resident	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate
8	Dr.S.A.Dabhade	Resident	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate
9	Dr.Seema Bhalerao	Prof. & Head	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate
10	Dr.Sarita Mulkalwar	Prof. & Head	43 rd annual conference of the research society	21 st to 23 rd February B.J.Government Medical College and Sassoon general hospital	Delegate

Year 2018

1	Dr. S. A. Dabhade	Demonstrator	6 th National Conference ABMH PharmaCon – VI, 2018	15 th – 16 th December, 2018 ABMH, Chinchwad	Delegate
2	Dr. B. T. Rane	Asst Prof.	6 th National Conference ABMH PharmaCon – VI, 2018	15 th – 16 th December, 2018 ABMH, Chinchwad	Delegate
3	Dr. S. V. Bhalerao	Prof.	7 th Annual Research Society Conference, MIMER MC	7 th December, 2018 MIMER MC, Talegaon Dabhade	Judge
4	Dr. A. V. Tilak	Prof. & Head	6 th National Conference ABMH PharmaCon – VI, 2018	15 th – 16 th December, 2018 ABMH, Chinchwad	Chairperson
5	Dr. Anita Barde	Asso.Prof.	Workshop on Pharmacokinetics in practice	8 th October, 2018 Bharati Vidyapeeth Medical College, Pune	Delegate
6	Dr.Teja Deshpande	Asst. Prof.	MEDIACE – 2019	10 th – 11 th August, 2018 SKNMC, Pune	Delegate
7	Dr. A. V. Tilak	Prof & Head	Workshop on Research Methodology for Residents	9 th – 12 th July, 2018 DYPMC, Pune	Resource Person

Year 2019

1	Dr. A. V. Tilak	Prof. & Head	Curriculum Implementation Support Program	22 nd – 24 th April, 2019 DYPMC, Pimpri, Pune	Faculty
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2	Dr. S. V. Dange	Prof.	Current Trends & Strategies to improve clinical trial outcome – 2019	10th March 2019-07-02 KEM Hospital, Pune	Delegate
3	Dr. A. V. Tilak	Prof. & Head	Curriculum Implementation Support Program in Medical Education Technology	20 th – 22 nd February, 2019 Seth GSMC, KEMH, Mumbai	Delegate
4	Dr. S. V. Bhalerao	Prof.	Pharmacology with Clinical Perspectives	14 th – 15 th February, 2019, MEDINSPIRE, DY Patil University, Navi Mumbai	Chairperson
5	Dr.Nimish Narkar	Resident	Pharmatech 2019	07 th – 16 th February, 2019 Seth GSMC, KEM, Mumbai	Delegate
6	Dr.Revati Kothari	Resident	Pharmatech 2019	07 th – 16 th February, 2019 Seth GSMC, KEM, Mumbai	Delegate
6	Dr. S. V. Dange	Prof.	Aditya Birla Annual Cardiology Summit	21 st January, 2019 ABMH, Chinchwad	Delegate
	Dr.Nimish Narkar	Resident	Mediace 2019	23 rd and 24 th August 2019. SMT.Kashibai Navale Medical College & General hospital,Pune	Delegate
7	Dr.Revati Kothari	Resident	Mediace 2019	23 rd and 24 th August 2019. SMT.Kashibai Navale Medical College & General hospital,Pune	Delegate
8	Dr.Vishwadeep Madrewar	Resident	Mediace 2019	23 rd and 24 th August 2019. SMT.Kashibai Navale Medical College & General hospital,Pune	Delegate
9	Dr.Aakash Kewlani	Resident	Mediace 2019	23 rd and 24 th August 2019. SMT.Kashibai Navale Medical College & General hospital,Pune	Delegate
10	Dr.Nimish Narkar	Resident	Mediace 2019	22 nd August	Delegate
11	Dr.Nimish Narkar	Resident	CME on Geriatric Medicine	31 st August	Delegate
12	Dr.Aakash Kewlani	Resident	CME on Geriatric Medicine	31 st August	Delegate
13	Dr.Revati Kothari	Resident	CME on Geriatric Medicine	31 st August	Delegate
14	Dr.Vishwadeep Madrewar	Resident	CME on Geriatric Medicine	31 st August	Delegate

13. Best Practices

- Computer simulated experiments software for UG & PG teaching is being used since 1997
- Mannequin based teaching
- Recent revision of practical journal in 2018

