



Shri Vile Parle Kelavani Mandal's

Dr. Bhanuben Nanavati College of Pharmacy

Gate No.1, SVKM College Campus, 1st Floor, V.M. Road, Vile Parle (W), Mumbai - 400 056

☎ 022-6574 7086 / 8726134557/5842332052 Fax : 022-2613 2905,

Email: drbnpcp@gmail.com



Annual report of the Department of Pharmacognosy

July 2018- May 2019

Department of Pharmacognosy Faculty

Ms.Rashmi Mallya, Ms. Manisha Oza and Ms. Madhavi Apte

1. Academic activity

- The faculty was involved in taking lectures and laboratory sessions as per their workload and timetable for the AY 2018-19.
- Tutorials, quiz and assignments to gauge the student understanding of the coursework were conducted.
- The faculty was involved in various examination related activities viz. University of Mumbai paper setting, paper correction, paper moderation, paper revaluation.
- The faculty was also involved in guiding and evaluation of M.Pharm seminars and projects.

Out of syllabus academic activity:

To generate interest among the students for the subject and understand the impact of learning of the subject of pharmacognosy, Ms.Madhavi Apte initiated a new assignment in the First year.

The students were encouraged to prepare herbal wellness products based on traditional knowledge.

2. Extra-academic/ Extra-curricular activity

- The dept. faculty is an integral part of many college committees. As a part of these committees they participated in committee meetings, resolved issues, maintained documentation and reports of the same.
- They were actively involved in NBA activities including compilation of NBA files and preparation of supporting documents, collection and collation of data on various courses.
- The faculty played an active role in organization of various awareness programs, seminars and workshops.

Faculty	Name of the event	Responsibility	Dates
Ms. Rashmi Mallya	guest lecture on Applications of flow cytometer for M.Pharm Students on	Coordinator	27 th September 2018
Ms. Rashmi Mallya	Executed an MOU with Stellixir Pvt Ltd Bangalore		September-October 2018
Ms. Manisha Oza	Coordinated for Health and Mind management Workshop for Final year	Coordinator	11 th August 2018

	Involved in conducting parent teacher meeting for Final year B.Pharm		22 nd September 2018
Ms. Madhavi Apte:	First Year Orientation programme for A and B division Coordinated for Health and Mind management Workshop for first year	Coordinator	1st August and 12th August 2018 11 th August 2018

3. Research activity

The department faculty is actively involved in research activities including publications and research proposal submissions.

Publications

Faculty	Title of the paper/ Name of the journal/ Publication date/ Impact factor
Rashmi Mallya	<ol style="list-style-type: none"> 1) Tople JS, Sherje A and Mallya R: Analytical method development and validation for simultaneous determination of Pyrantel pamoate and Febantel in an oral dosage form by High Performance Liquid Chromatography (HPLC). Int J Pharm Sci & Res 2019; 10(4): 1747-52. doi: 10.13040/IJPSR.0975-8232.10(4).1747-52. 2) Mallya R, Malim F, Naik A, Bhitre M. Evaluation of Anthelmintic Potential of Leaves and Fruits of Zanthoxylum rhetsa Pharmacognosy Journal 2019;11(3) Abna S, Madhavi A, Rashmi M . Pharmaceutical Waste Management. Int J Pharm Sci Rev Res, 2018: 5(1) 3) Abna S, Madhavi A, Rashmi M . Pharmaceutical Waste Management. Int J Pharm Sci Rev Res, 2018: 5(1)
Manisha Oza	<ol style="list-style-type: none"> 1. Biochanin A improves insulin sensitivity and controls hyperglycaemia in type 2 diabetes. Biomedicine and Pharmacotherapy. 2018 107: 1119-1127. doi: 10.1016/j.biopha.2018.08.073 Impact factor 3.457 - JCR 2017 2. Ms. Manisha Oza published a book chapter entitled Molecular targets of angiogenesis and future potential of anti-angiogenesis therapy in multiple sclerosis. In the book titled Anti-angiogenesis Drug discovery and development published by Bentham science publishers 3. Oza MJ and Kulkarni YA. Formononetin attenuates kidney damage in type 2 diabetic rats. Life sciences. 219, 109-121. 2019. Doi: 10.1016/j.lfs.2019.01.013. (Impact factor- 3.234) 4. Oza MJ and Kulkarni YA. A novel contribution to quality standards of Trifolium pratense L., A dietary supplement. Indian Journal of Natural Products and Resources (IJNPR). 9 (4), 311-330. 2018.
Madhavi Apte	<ol style="list-style-type: none"> 1. Abna S, Madhavi A, Rashmi M . Pharmaceutical Waste Management. Int J Pharm Sci Rev Res, 2018: 5(1) 2. Ghongade Govind, Apte Madhavi, Review of herbal drug formulations and its evolutions; Mintage journal of pharmaceutical and medical sciences; 2019; 8 (1) : 1-5.

	3. Apte Madhavi, Bhitre Milind, The fingerprinting of extracts of flowers, leaves, bark and seeds of Indian dhak tree, <i>Butea monosperma</i> by HPTLC technique. IOSR Journal of Pharmacy; 8(12) December 2018.
--	---

Patent Application:

Rashmi Mallya:

Filed an Indian Patent entitled: A composition comprising extract of *Zanthoxylum rhetsa* and uses thereof.

Application no: 201821041103 dated 31-10-2018

Research projects

Faculty	Title of the project	Name of the funding agency/PI/CI	Submission date/Outcome
Ms. Rashmi Mallya	1. Identification of antileukemic agents from <i>Zanthoxylum rhetsa</i>	LTMT (PI)	Completed
	2. In vitro study of the antioxidant and DNA protective properties of a plant of genus <i>Zanthoxylum</i> to combat cancer	University of Mumbai	Sanctioned
Ms. Manisha Oza	Herbal intervention for chronic kidney diseases	DST-SYST 2019	Under review

4. Conference activities

Faculty	Title of the paper/s for conference	Name of Conference	Event dates /Location
Rashmi Mallya	Symposium on menopause: A path to bone and muscle health on	Dr.BNCP	25 th September 2018
Ms Madhavi Apte	Symposium on menopause: A path to bone and muscle health on	Dr.BNCP	25 th September 2018

Manisha Oza	Attended and presented a poster entitled “Attenuation of diabetic nephropathy by formononetin and isoflavone in experimental animals”	international conference IDF diabetes complications congress 2018 at Hyderabad,	25-27 th October. 2018
Rashmi Mallya	Antiplasmodial investigations of leaves and fruits of Z.rhetsa	Herbal Medicines: Research and commerce ‘Global perspectives LM College of Pharmacy: Ahmedabad	27 th to 29 th December 2018
Ms Madhavi Apte	To screen and compare the cytotoxicity study and to study effects of herbal extract on morphology of zebra fish.”	Herbal Medicines: Research and commerce ‘Global perspectives LM College of Pharmacy: Ahmedabad	27 th to 29 th December 2018

5. QIP/FDP/Training program//seminar/workshop

Faculty	Title	Institute/Location of the training program	Event dates
Rashmi Mallya	1) PETA sponsored one day workshop on Replacing regulatory experiments on animals: An Introduction to In Silico Models and In Vitro Test Methods 2) FDP on Role of faculty in Accreditation, Ranking and Quality Education	SVKM’s Dr.Bhanuben Nanavati College of SPPSPTM, NMIMS, Mumbai Pharmacy	3 rd November 2018. 23-25th April 2019
Ms. Manisha Oza	PETA sponsored one day workshop on Replacing regulatory experiments on animals: An Introduction to In Silico Models and In Vitro Test Methods	SVKM’s Dr.Bhanuben Nanavati College of Pharmacy	3 rd November 2018.
Ms.Madhavi Apte	PETA sponsored one day workshop on Replacing regulatory experiments on animals: An Introduction to In Silico Models and In Vitro Test Methods	SVKM’s Dr.Bhanuben Nanavati College of Pharmacy	3 rd November 2018.
Madhavi Apte	DST sponsored Hands on Training workshop in Human cell culture	University of Mysore, Mysore from.	12 th November -8 th December 2018

	technology and application in cancer research		
--	---	--	--

6. Faculty citation report

Faculty	Google scholar citations	H Index	I10 Index
Rashmi Mallya	144	5	5
Manisha Oza	97	5	2
Madhavi Apte	13	2	0

SVKM Management support-Faculty welfare/appreciation

Faculty	Conference/ Workshop/Seminar support (Rs)	Research/ Publication incentive (Rs)
Ms Rashmi Mallya	2,000	
Ms. Manisha Oza	24,000	87,5000
Ms. Madhavi Apte	15,000	-

Faculty appraisal

Faculty	Total API (AY 2018-19)	API breakup I+II+III	Appraisal date
Ms Rashmi Mallya	163.46	83.46+40+40	May 2019
Ms. Manisha Oza	220.56	73.46+38.3+108.8	May 2019
Ms Madhavi Apte	125.51	74.76+32+18.75	May 2019

Miscellaneous:

A **medicinal garden visit** to 'Maharashtra Nature Park' MNP, Mumbai was organised for the First Year B. Pharm A and B division students on 25th January 2019 They were accompanied by Ms. Madhavi and Ms. Rashmi

University of Mumbai appointments:

- a) Rashmi Mallya and Manisha Oza: Appointed for University of Mumbai Practical exam at Final year Semester VII and Sem VIII Pharmacognosy Lab as Examiner
- b) Rashmi Mallya: Appointed as paper setter for Sem V, VI, VIII pharmacognosy I theory.
- c) Rashmi Mallya: Appointed as Vigilance Squad member.

Prepared by

Rashmi Mallya.

Date 15-05-2019