



2016-2017

Research Article Published:

- Anwar Daud, Ashok Peepliwal, Minal Bonde, **Nidhi Sapkal**, Naresh Gaikwad. Design and development of *Nicotiana tabacum* film using factorial design. International J Pharm. Pharm sci. 2016; 8(8): 115-123.
- D A Mundhey, V V Rajkondawar, A S Daud, **N P Sapkal**. A Study of Method Development, Validation and Forced Degradation for Quantification of Buprenorphine Hydrochloride in a Microemulsion Formulation. J App Pharm Sci. 2016; 6(10): 159-169.
- N. S. Giripunje and **S. K. Tiloo**. Standardization of some bioactive in Ginger extract. Journal of Harmonized Research in Pharmacy. 2016; 5(2); 86-94.
- **Vaishali Kilor**, **Nidhi Sapkal**, Anwar Daud, **Shruti Humne**, **Tushar Gupta**. Development of stable nanosuspension loaded oral films of glimepiride with improved bioavailability. International Journal of Applied Pharmaceutics. 2017; 9(2): 28-33.
- **S. R. Walde**, Rachana Devendra. Microbial evaluation of a marketed herbo-mineral formulation Tribhuvan kirti ras. World journal of pharmaceutical research. 2017; 6(5); 1219-1236

Patent filed:

- **Dr. N. P. Sapkal** - "Water soluble pharmaceutical film with enhanced stability" National Phase applications filed in Eurasia: EA201690751; Malaysia: Canada: CA2927334; Brazil: BR1120160083563A2; Chile: CL880-2016; Ukraine: A201605185
- **Dr. N. P. Sapkal** - Pharmaceutical microemulsion immobilized in a thin polymer matrix and methods of making them. National Phase applications filed in Europe, EP3082767A2; US20160317462.
- **Dr. N. P. Sapkal** - Stable orally dispersible films of Ketorolac and its salts Patent Application No. IN2318/MUM/2015.
- **Dr. N. P. Sapkal** - Thin Film Formulations of 4-Diphenylmethyl-1-Piperazine Derivatives and Their Salts”, 201621044488 dated December 27, 2016.

Research Article presented:



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- **Mrs. A. N. Mungle**, Asst. Prof. presented paper on "Natural alternative to treat cancer: A study on anticancer activity of *Lawsonia inermis* Linn" at ICMR sponsored National Conference on Phytomedicine : A novel approach for treatment of cancer, organised by Kamla Nehru College of Pharmacy, Butibori, Nagpur on 25th & 26th March 2017.
- Following faculties and students attended and presented paper in 4th International Congress of the Society for Ethnopharmacology (SFEC) in Uka Tarsadia University (UTU), Bardoli, Surat, Gujarat, on 23-25 Feb, 2017. The theme of congress was *Healthcare in 21st century: Perspectives of Ethnopharmacology & Medicinal Plant Research*.

Sr. No.	Authors	Title
ORAL PRESENTATION		
01	T.M. Rasala, P.K.Punwatkar and S.B.Waikar.	Formulation and Evaluation of gel containing Rubiadin rich fraction of <i>Rubia Cordifolia</i> and flavonoid rich fraction of <i>Hemidesmus Indicus</i>
02	G. A. Gurunani, Dr. S. R. Walde, Dr. A. M. Ittadwar	Comparative physicochemical evaluation and estimation of chemical composition in Triphala Churna and Triphala Rasa
POSTER PRESENTATIONS		
03	Atharva Bhide, Subhash Yende, Vipin Pande & Abhay Ittadwar.	Anticonvulsant activity of <i>Sargassum ilicifolium</i> (Brown Algae) in mice
04	Ayushi Shahu, Roshan Ramteke, Shekhar Waikar, Keshav Moharir, Krishnakant Bhelkar & Abhay Ittadwar.	Evaluation of Anti Bacterial Activity of the Flavonoid Rich Fraction of <i>Enicostemma littorale</i>
05	Deepti Bhagchandani ¹ , Bhavana Hirudkar ¹ , Shekhar Waikar ¹ , Nikhil Adagale ² & Abhay Ittadwar ¹ .	Pharmacognostic Studies & Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of <i>Cassia auriculata</i>
06	Dipika Kalambe, Amar Deshpande, Shekhar Waikar.	Formulation and Evaluation of Transdermal Patch of Flavonoid Rich Fraction obtained from <i>Curcuma longa</i>
07	Junaid Ansari ¹ , Akshay Kamde ¹ , Shekhar Waikar ¹ , Nikhil Adagale ² & Abhay Ittadwar ¹ .	Preliminary Phytochemical Screening and Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of <i>Clerodendrum phlomidis</i>
08	Kundan Singh ¹ , Shubham Gupta ¹ , Shekhar Waikar ¹ , Abhay Ittadwar ¹ & Rajesh Limsay ² .	Pharmacognostic Studies and Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of



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		leaves of <i>Clerodendrum infortunatum</i>
09	Nikhil Chawla, Manjeet Singh Ramgadiya, Mujahid ul Khair, Tirupati Rasala, Shekhar Waikar & Abhay Ittadwar.	Solubility Enhancement of Poorly Soluble Oflaxacin Using Natural Surfactant from <i>Acacia concinna</i>
10	Poonam Patil, Shekhar Waikar, Krishnakant Bhelkar, Keshav Moharir, Shrikant Tiloo & Abhay Ittadwar.	Determination of Anti Bacterial activity of the Flavonoid Rich Fraction of Aerial parts of <i>Phyllanthus maderaspatensis</i>
11	Pranav Kulkarni ¹ , Paras Kothari ¹ , Shekhar Waikar ¹ , Rajesh Limsay ² & Abhay Ittadwar ¹ .	Pharmacognostic Studies and Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of Aerial Parts of <i>Cassia tora</i>
12	Pranita Kale, Shital Nikhar, Shekhar Waikar, Tirupati Rasala & Abhay Ittadwar.	Formulation and Evaluation of Flavonoid Rich Fraction of Aerial Parts of <i>Sphaeranthus indicus</i>
13	Priyanka Bhaisare ¹ , Rakhi Sarpate ¹ , Minakshi Waghmare ¹ , Shekhar Waikar ¹ , Rajesh Limsay ² & Abhay Ittadwar ¹ .	Preliminary Phytochemical Screening & Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of Aerial Parts of <i>Fagonia arabica</i>
14	Sachin Asnani, Nishigandha Pawar, Zahan Panjawani, Tirupati Rasala, Shekhar Waikar & Abhay Ittadwar.	Solubility Enhancement of Poorly Soluble Oflaxacin Using Natural Surfactant from <i>Sapindus trifoliatus</i>
15	Satyajeet Sankade, Swapnil Deshmukh, Rahul Kriplani, Subhash Yende, Sumit Arora	Phytochemical Screening and HPTLC studies of <i>Padina tetrastomatica</i> (Hauck)
16	Sheelpriya Walde, Gulshan Gurunani, Pranali Kumbhalkar, Shekhar Waikar & Abhay Ittadwar.	Study of Anti Microbial Activity containing Flavonoid Rich Fraction of Aerial Parts of <i>Cassia auriculata</i>
17	Shivani Dani, Athar Ansari, Tirupati Rasala, Shekhar Waikar, Rajat Pahwa & Abhay Ittadwar.	Formulation and Evaluation of Aloe Vera Gel and Film from Fresh Pulp of the Leaves of <i>Aloe barbadensis</i>
18	Shruti Motwani ¹ , Najish Qureshi ¹ , Shekhar Waikar ¹ , Rajesh Limsay ² & Abhay Ittadwar ¹ .	Preliminary Phytochemical Screening and Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of Leaves of <i>Bridelia retusa</i>
19	Shrutika Jain, Chetan Pokar, Shekhar Waikar, Krishnakant Bhelkar, Keshav Moharir & Shrikant Tiloo.	Pharmacognostic Studies & Assessment of Anti Bacterial Activity of the Flavonoid Rich Fraction of <i>Tephrosia purpurea</i>
20	Simran Kukreja ¹ , Shraddha Shahu ¹ , Shekhar Waikar ¹ , Abhay Ittadwar ¹ & Rajesh Limsay ² .	Pharmacognostic Studies & Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of Aerial Parts of <i>Tephrosia purpurea</i>
21	Ankush Khaparde, Payal Chauhan, Rohit Kumar,	Evaluation of Antibacterial Activity of Flavonoid



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	Shekhar Waikar & Abhay Ittadwar.	Rich Fraction of Aerial Parts of <i>Cassia tora</i>
22	Ankita Somkuwar, Nikhat Anjum, Priyanka Bobde, Tirupati Rasala & Shekhar Waikar.	Evaluation of Suspending Properties of Drum Sticks Polysaccharide From <i>Moringa Pterygosperma</i>
23	Apurva Pokale, Deepa Singh, Prerna Pardhi, Shekhar Waikar.	Evaluation of Anthelmintic Activity of Flavonoid Rich Fraction of Roots of <i>Clerodendrum serratum</i>
24	Kajol Gupta, Shalakha Sahare, Nidhi Sahu, Shekhar Waikar and Tirupati Rasala.	Role of Dashmoolarishta and Astavarga Plants in Immunomodulation – Current Review
25	Nikhat Anjum, Ankita Somkuwar, Priyanka Bobde, Tirupati Rasala, Shekhar Waikar.	Drum Sticks Polysaccharide as Emulsifying Agent in Emulsion Formulation
26	Priyanka Wadhai, Sneha Hedau, Shekhar Waikar, Tirupati Rasala.	The Role of Herbal Medicine in the Treatment of Psoriasis and Leucoderma
27	Simran Pal, Sneha Raut, Sucharita Sankade & Shekhar Waikar.	Phytosomes: A Novel Herbal Drugs Delivery System
28	Roshan Shahu*, Minakshi Waghmare, Bhavana Hirudkar, Roshan Ramteke & Bindu Jacob.	Ethnopharmacological Properties of <i>Helicteres isora</i> : An Review
29	Ayushri Raut, Trushna Jamgade, Archana Patre & Shekhar Waikar.	The Role of Herbal Medicines in the Treatment of Cancer: A Review
30	Kalyani Kale, Bhavana Hirudkar, Rasika Mankar, Shekhar Waikar.	<i>Syzygium cumini</i> : A Review