

# Dr. Vivekanand Kisan Chatap

M. Pharm Ph.D

Ex-President

Association of Pharmaceutical Teachers of India, MP State.

Associate Professor, Department of Pharmaceutics



**Objective:** To contribute in the field of academic, research and administration to promote innovation in pharmaceutical sciences with honesty, dedication and responsibility towards the society.

## Email:

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## Contact. No:

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## Present Address:

**Dr. V.K. Chatap,**  
Plot No. 60/A, Row-House  
No. 04, Mahavir Lawns,  
Mandal Shivar, Karwand  
Road, Shirpur, Taluka-  
Shirpur,  
Dist- Dhule-425405  
(M.S.), India.

## Permanent Address:

**Shri. Kisan Sitaram  
Chatap At.Post.Awarpur  
Tah. Korpana,  
Dist – Chandrapur,  
Maharashtra.  
Pin- 442917**

## Personal Details:

**Gender: Male  
Nationality: Indian  
Marital Status: Married  
DOB: 16/06/81**

## EXPERIENCE :16 Years

**Assistant Prof.:** 01/07/2011 to till date at HRPIPER, Shirpur, Dhule

**Assistant Prof.:** 01/07/2010 to 30/6/2011 at SPCOP, Otur, Pune

**Lecturer:** 03/07/2008 to 30/06/2010 at SPCOP, Otur, Pune

**Lecturer:** 14/06/2006 to 30/06/2008 at BRNCOP, Mandsaur

## Approvals

**Post Graduate Teacher :** NMU/11/PGR/pharmacy/1416/20 Dated 28/06/2012

**Asst. Professor:**

NMU, Jalgaon---Ref No. NMU/18/473/2012 Dated-12/03/2012 / 415 (1)

NMU, Jalgaon---Ref No. NMU/18/1516/2011 Dated-27/09/2011/ 415 (3)

**Lecturer :** Pune University-- Ref.No. CCO/1030, Dated-12/02/2009

**Lecturer :** RGPV, Bhopal/Minutes of selection committee of BRNCOP, Mandsaur, Dated-10-11/02/2007

## PRESENT STATUS:

Working as **Assistant Professor, Department of Pharmaceutics** at **H. R.**

**Patel Institute of Pharmaceutical Education and Research, Karvand Naka,**

**Shirpur. Dist- Dhule 425405 Maharashtra, (KDNSK00525190000000042)**

From 1/07/2011 to till date

## PROFESSIONAL EXPERIENCE:

Worked as Asst. Prof. (Pharmaceutics) at **Sharadchandra Pawar College of Pharmacy, Otur, Dist-Pune (MH/PUN/0303012/000/0000011)** at UG and PG level And Worked as Lecturer (Pharmaceutics) at **B.R. Nahata College of Pharmacy (A SIRO, Scientific and Industrial Research Organization, GOI), Mandsaur (M.P.)** since 14-07-2006 to 30/06/2008. Teaching at **UG and PG** level Subject taught / teaching at UG level – Pharmaceutical Engineering I&II and Pharmaceutical Technology -II Subject taught / teaching at PG level – Packaging Technology (M. Pharm. 2<sup>nd</sup> Sem) and Practical Design for Product Development and Formulation subject (M.Pharm. 1<sup>st</sup> Sem), Worked as Co-Investigator in Herbal Research Center at B.R.Nahata College of Pharmacy and Worked as a **Research Associates** in Division of Pharmaceutics at **BRNSS- Contract Research Center {Scientific Industrial Research Organization (SIRO) & Innovation Network Partner** Recognized By Ministry of Science & Technology-Govt. of India, Center of Relevance and Excellence recognized by **TIFAC**, Mhow-Neemuch Road, Mandsaur-458001 , (M.P.)}

**Languages Known:  
English, Hindi, Marathi**

**Promotions till date:  
Lecturer- Assistant  
Professor**

**Successfully completed the  
distance learning DL-101  
General Course on  
Intellectual Property from  
1<sup>st</sup> March to 17<sup>th</sup> April  
2012 certified by World  
Intellectual Property  
Organization Academy**

**Recommend Mr. Piyush  
Kudar for PhD fellowship  
in Sapienza University of  
Rome  
under the guidance of  
Prof.ssa Angela Santoni**

**Skill Sets:  
Administrative, Academic  
Research and Development  
of Novel Dosage Form**

#### **AREA OF INTEREST:**

In particular, the research is focused on understanding the effect of neutraceutical organic carrier in drug delivery and management of critical disease conditions and also conducting research work on nanofiber and nanoparticulate based drug delivery system for enhancement of solubility and dissolution rate of poorly water soluble drug

#### **PhD Students Registered:**

Currently 8 students registered in Mandsaur University, Mandsaur, M P nad B. N. University, Udiapur, Rajasthan. Three students may be awarded their phd in next year.

#### **GRANT RECEIVED: (71.92 Lakhs)**

- **As Pharmacy Teacher Trainee under Scheme Capacity Building Industrial Training (CBIT) Program** from Pharmacy Council of India New Delhi Rs. 50K.
- **As Principal Investigator received grant of Rs.21.66 lakh from All India Council for Technical Education, Government of India under Research Promotion Schemes 2019-20.** (Sanction Letter, File No. 8-90/FDC/RPS(Policy-1)2019-20 dated 14.08.2020)
- **As Principal Investigator received grant of Rs.13 lakh from Department of Science and Technology, Government of India for organizing Inspire Internship Science Camp,** (Letter no. Inspire Internship/5/2019-20/13 & Order no. Dy. No. C/2733/IFD/2019-2020 dated 6.09.2019)
- **As Coordinator received Rs.35000/- from KBCNMU, Jalgaon to organized workshop on Entrepreneurship Development Program on How to start Business, Finance and Project Reports and Stress Management for Non-Teaching Staffs.**
- **As Principal Investigator received DST-NIMAT Project 2018-19 (Entrepreneurship Awareness Camp) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India, New Delhi.**
- **As Principal Investigator received research Project under Scheme “Vice Chancellor Research Motivation Scheme” North Maharashtra University, Jalgaon, Maharashtra, India entitle Fabrication and characterization of biomaterial useful for enhancement of solubility and dissolution profile of poorly water soluble drug (NMU/11A/VCRMS/Budget-2014-2015/Pharmacy-3/170/2015).**
- **As Principal Investigator received grant of Rs.9.75 lakh from Department of Science and Technology, Government of India for organizing Inspire Internship Science Camp,** (Letter no. Inspire Internship/8/2015-16/8 & Order no. Dy. No. 100/IFD/4925/2015-2016 dated 14.02.2016)
- **As Principal Investigator received grant of Rs.13 lakh from Department of Science and Technology, Government of India for organizing Inspire Internship Science Camp,** (Letter no. Inspire Internship/1/2016-17/29 & Order no. Dy. No. 100/IFD/1407/2016-2017 dated 09.06.2016)
- **As Principal Investigator received grant of Rs.13 lakh from Department of Science and Technology, Government of India for organizing Inspire Internship Science Camp,** (Letter no. Inspire Internship/1/2016-17/29 & Order no. Dy. No. C/1837IFD/2017-2018 dated 31.07.2017)

### BOOK PUBLISHED:

- **Text Book of Pharmaceutical Biotechnology**, Authors by Ashish Dixit, Pawan Tiwari & **Vivekanand Chatap**, Studium Press (India) Pvt. Ltd. 4735/22, 2nd Floor Prakash Deep Building (Near PNB), Ansari Road, Darya Ganj, New Delhi-110002, Website: <http://www.studiumpress.in> (ISBN-93-80012-75-6)
- **2<sup>nd</sup> Edition, Text Book of Pharmaceutical Biotechnology**, Authors by Ashish Dixit, Pawan Tiwari & **Vivekanand Chatap**, Paging Publication Ltd New Delhi
- **Text Book of Pharmaceutical Packaging Technology**, Authors by **Vivekanand Chatap and Dr. D. K. Sharma**, Paging Publication Ltd New Delhi (Will be release in Moth of June 2020)

### CHAPTER PUBLISHED IN BOOK: 3

- Abhijeet P. Pandey, Debjani Singh, Namdev L. Dhas, **V. K. Chatap etc**, Complex Injectable: Development, Delivery and Advancements, November 2019, DOI: 10.1016/B978-0-12-817776-1.00008-0 In book: Delivery of Drug, Publisher: Elsevier
- Amit Kumar Mittal, Swati Madan, Satyendra K. Rajput, Satya Prakash & V. K. Chatap, **An Emerging Potential of CRISPR-Cas9 Technology on Gene Editing and Medical Application Chapter-2, Animal Screening: Basics of Drug Discovery Vol. –II, 2019 By Paging Publication, New Delhi**
- Satyendr K Rajput, Ashish Kumar, Vikramdeep Monga, Hemlata nimesh and **V. K. Chatap, Investigation Tools Principles and Application: General Consideration Chapter-3, Animal Screening: Basics of Drug Discovery Vol. –I, 2018 By Paging Publication, New Delhi**

### AWARD/ SEMINAR/CONFERENCE/WORKSHOP ORGANIZED (15)

- Inspire Internship camp 2019 on dated 19<sup>th</sup> to 23<sup>rd</sup> Nov. 2019
- In association with Homi Bhabha Centre for Science Education (HBCSE) is a National Centre of the Tata Institute of Fundamental Research (TIFR), Mumbai, India and Shirpur education society, Shirpur organized work shop on STEMGames on 4 to 7 Feb 2020
- In association with Rubicon Skill Development Pvt Ltd organized three days workshop on “Connect with work “Communication and Employability Skills on 22 to 24 Feb. 2020
- KBCNMU Sponsered One day national level seminar on “Entrepreneurship Development Program on How to start Business, Finance and Project Reports” was oraganized on dated 12/3/2019
- KBCNMU Sponsered One Day University Level Workshop on “Stress Management for Non-Teaching Staffs in KBC NMU Affiliated Colleges” was oraganized on dated 12/3/2019
- ASOJ Pharmvention Award-2018 oraganized on dated 10/3/2018
- Inspire Internship camp 2018 on dated 2<sup>nd</sup> to 6<sup>th</sup> Jan. 2018
- Inspire Internship camp 2016 on dated 27<sup>th</sup>Sept. to 1<sup>st</sup> Oct. 2016
- Inspire Internship camp 2016 on dated 15<sup>th</sup> -19<sup>th</sup> Feb.2016
- ASOJ Pharmvention Award-2015 oraganized on dated 4/4/2015
- ASOJ Pharmvention Award-2016 oraganized on dated 19/4/2016
- “One Day Liabrary User Orientation Programme” & “Library Quiz Contest-2015” organized on dated 30<sup>th</sup> Sept. 2015
- One day workshop on work culture and safety management for non-teaching. 23/10/2015
- Book Exhibition & celebration of Reading Inspiration Day 15/10/2015

- Successfully organized 20<sup>th</sup> Annual National Convention of Association of Pharmaceutical Teachers of India (**APTICON-2015**) 9<sup>th</sup> - 11<sup>th</sup> Oct. 2015 Organized by: Pharmacy Institutions of Madhya Pradesh was held at historical place INDORE (During Presidential period APTI M.P. State State Branch )

#### **CONFERENCE PROCEEDING:**

Novel Spin Coating Technique for Development of Zolmitriptan Mouth Dissolving Film, Conference at Thialand

#### **M. Pharm Student Guided (39)**

- Gum Ghatti: Novel carrier for matrix tablet. **Mr. Vidyasagar Patidar**
- Formulation development of Amoxicilline & Clavlanic acid dry syrup stability study. **Mr. Ravindra Gupta**
- Enhancement of Solubility, Bioavailability and Photostability of Nisoldipine and formulation of sublingual tablet **Mr. Abhishek R. Maurya**
- Formulation and Characterization of Lornoxicam nanocolonosponge for colon targeted drug delivery. **Miss. Neha S Pawar**
- Formulation and Development of Stable Lyophilized Injectable Dosage Form containing Anticancer Drug. **Mr. Bhushan D. Patil**
- Formulation and Charecterization of Sertaconazole Ethosomal Gel. **Mr. Kamlesh K. Mali**
- Formulation, Development and Evaluation of Perindopril Erbumine Mouth Dissolving Film. **Mr. Abhijeet M. Karale**
- Application of Design of Experiments to improve the robustness of Anthelmintic tablet formulation. **Miss. Poonam Kude**
- Synthesis and charecterization of carboxymethyl and hydroxypropyl sesbania gum for preparation and evaluation of artificial tears. **Mr. Ganesh A. Chaudhari**
- Fabrication and statistical optimization of zolmitriptan mouth dissolving film prepared by novel spin coating techniques. **Mr. Pramod N. Wagh**
- Formulation and evaluation of immediate release tablet containing antilipedemic agent. **Mr. Bhushan N. Chaudhari**
- Design and statistical optimization of trazodone HCl immediate release tablet based on center hole technology. **Mr. Parag Ingle**
- Formulation and charecterization of pitavastatin Cal. loaded biodegradable porous starch. **Mr. Vijay S. Dhangar**
- Formulation and evaluation of creamogel containing antifungal and antibiotic drug used for treatment of mixed viginitis disorder. **Mr. Amol G. Amrutkar**
- Formulation and evaluation of Immediate release tablet containing combination of two antibiotics. **Mr. Nitish R. Badgujar**
- Investigation of critical properties of HPMC polymer. **Ms. Netra Patil**
- Formulation development and evaluation of indomethacin ethosomal gel. **Mr. Mahesh B. Chaudhari**
- Formulation & characterization of furosemide bounded pharmacosomes for improvement of solubility and permeability. **Mr. Prashant L. Patil**
- Formulation and evaluation of Sertaconazole Nitrate microsponge gel for topical fungal infection. **Miss. Harshala Chachare**
- Investigation of sesbania gum as film forming agent for Ropinirol HCL mouth dissolving film. **Miss. Bhavana Akhade**
- Formulation and pharmacological evaluation of Diclofenac Sodium nanogel. **Miss. Shilpa Kale**
- Formulation and characterization of diclofenac sodium matrix tablets by using sesbania gum as a novel carrie. **Mr. Rahul Vasaikar**
- Formulation and evaluation of controlled release matrix tablet containing two antiepileptic drug. **Mr. Vikrant Gohil**

- Fabrication and characterization of clotrimazole-silver nanoparticle loaded cellulose fiber for anti-fungal activity. **Mr. Nikhil. Chaudhari**
- Preparation and characterization of Nystatin loaded magnetic cellulose fiber nanocomposites. **Mr. Rahul Tade**
- Formulation development of non-gelatinous base soft gelatin capsule for drug delivery. **Ms. Prachiti Patil**
- Formulation and development of liquisolid tablet using porous carrier for dissolution rate enhancement of poorly water soluble drug. **Ms. Sweety Borase**
- Preparation and evaluation of combination drug delivery system using ion exchange resins. **Mr. Hajari Aatif Imtiyaj**
- Formulation of gastro-retentive atenolol tablet using xyloglucan thiomers matrix. **Mr. Sunil N. More**
- Effect of different coating material on Soft Gelatin Capsule for moisture protection purpose and to evaluate the effect of Soft Gelatin Capsule Hardness **Mr. Walmik patil**
- Formulation and evaluation of immediate release tablet of ACE inhibitor drug. **Miss. Shivani Patil**
- Formulation and evaluation of oral fast dissolving film of Dapagliflozin. **Miss. Saraswati Pawara**
- Formulation and evaluation of Leuprolide depot injection. **Mr. Umesh Badgujar**
- Formulation, Development and Evaluation of Clotrimazole loaded cellulose nanofibers gel for treatment of fungal infection. **Ms. Sneha Badgujar**
- Development and Evaluations of Curcumin Loaded Non-aqueous based microemulsifying drug delivery system. **Ms. Rohini Patil**
- Formulation and evaluation of lornoxicam loaded cellulose nanofiber gel for transdermal drug delivery. **Ms. Megha Dalvi**
- Biofabrication of graphene oxide silver nanocomposite using agricultural waste for dye adsorption application. **Mr. Somesh Patil**
- Formulation and evaluation of custard apple peel extract containing low foam producing shampoo. **Ms. Nishabai Patil**
- Formulation, Development & Evaluation of Curcumin Loaded Non-aqueous based Self-emulsifying nano-emulsion. **Mr. Dinesh Pakhale**

#### **Industrial Research Projects and Training: (04-01)**

- **Capacity Building Industrial Training (CBIT)** Program sponsored by Pharmacy Council of India New Delhi was conducted at Sun Pharmaceutical Industries Ltd Halol Gujrat from 1/10/2021 to 30/10/2021
- Development and troubleshooting project-1 of Swiss Medicare Limited, Sriganganagar
- Liquid nimulet plus tablet problem and stuganol problem of project-2 Swiss Medicare, Sriganganagar.
- Taste Masking of Ofloxacin and Tinidazole and Formulation of tablet and syrup for Kanwarlal Group Company, Chennai
- Study the effect of different binder on Fertilizer for Shiv Chemical, Latur, Maharashtra.

#### **Administrative:**

##### **Academic Incharge:**

Sharadchandra Pawar College of Pharmacy,  
Dumbarwadi, Otur, Pune.

##### **Project Coordinators:**

Sharadchandra Pawar College of Pharmacy,  
Dumbarwadi, Otur, Pune.

**Administrative:**

**Worked as Exam Incharge**

**Work as Diploma Incharge**

**Instrument handling:  
FTIR, DSC, Rotary  
Vacuum Evaporator,  
HPLC, UV etc.**

**Sound knowledge in the  
Development of Novel  
Dosage Form and Taste  
Masking of Bitter Drug**

**Good computational skill**

**Examiner for M.Pharm,  
M. Tech., D. Pharm and  
B.Pharm at various  
Universities**

**Examination Incharge:**

B.R. Nahata College of Pharmacy, Mandsaur

**Member of NBA Committee at College:**

B.R. Nahata College of Pharmacy, Mandsaur

H. R. Patel Institute of Pharmaceutical Education and Research

**Member of NAAC Committee at College:**

B.R. Nahata College of Pharmacy, Mandsaur

H. R. Patel Institute of Pharmaceutical Education and Research

**Co-Investigator of Herbal Product Development:**

BRNSS Contract Research Center, Mandsaur

**Member of TePP:**

B.R. Nahata College of Pharmacy, Mandsaur, Center of

Innovation Network Partner, DST, Govt. of India.

**Library Incharge:**

H. R. Patel Institute of Pharmaceutical Education and Research

**Student council:**

H. R. Patel Institute of Pharmaceutical Education and Research

**Trainig and Placement Cell:**

H. R. Patel Institute of Pharmaceutical Education and Research

**Industrial visit and Field visit Incharge:**

H. R. Patel Institute of Pharmaceutical Education and Research

**B. Pharm Projects Supervised**

- Chewing gum as a drug delivery system.
- Formulation development of dispersible tablet of Aceclofenac
- Herbs use as diuretics-An overview.
- Pharmacognostic account on Aloe-Vera- An overview.
- Polymer use for controlled released dosage form
- Aloe vera polysaccharides as a magic bullet
- Linseed oils uses & its limitation an review
- Guidelines for development of new product development
- A Review on toxicity of polymer
- A Review on Package Design Research
- A Review: Polysaccharides used for Controlled Drug Delivery System.
- Basic Consideration of development of novel drug delivery system
- Formulation & evaluation of Diclofenac Gel by Using Natural Gum
- Review on Biomaterial use for Controlled Drug Delivery System.
- Compatibility study of different polymers
- Preformulation study of novel excipients
- Review on Hair Treatment
- Methods enhancement of bioavailability
- Investigation of polymorph and cocrystallization technique for solubility enhancement of Ursodiol
- Review on Bionanotubes
- Modification of gums by various methods
- Bioavailability and Bioequivalence
- Role of dietary fibers for management of diabetes

**PATENT: 06**

Indian Patent on “**Pharmaceutical Excipient**” /110/MUM/2009 **Published 07/03/2014**

Indian Patent on “**Antifungal liquid vaporizer**” / 201821006568

Indian Patent on “**Biocompatible Tablet Formulation**” / 201821006565

Indian Patent on “**Jujuboside B: A Potent antiasthmatic agent**” TEMP/E-1/56760/2020- MUM

Indian Patent on Cellulose Based Magnetic Nanofiber Composite Capped With Graphene Quantum Dots **TEMP/E-1/14724/2022-MUM**

Indian Patent on Isolation of 3-carene from turpentine Oil TEMP/E-1/10057/2022-MUM

**Delivered Presentation experts talks / lectures in other organizations (15)**

**Promotional Editors:**

Journal of Pharmacy Research

([http://jpronline.info/index.php/jpr/pages/view/editorial\\_board](http://jpronline.info/index.php/jpr/pages/view/editorial_board))

**Editorial Board:**

**Advances in Pharmacology and Pharmacy**

([http://www.hrpub.org/journals/jour\\_editorialboard](http://www.hrpub.org/journals/jour_editorialboard))

**International Journal of Pharmaceutical Research**

(<http://www.forexjournal.co.in/eboard.aspx>)

1. Delivered invited talk at Department of Science and Technology Sponsored “INSPIRE Internship Science Camp’ organized Smriti College of Pharmaceutical Education, **Indore, Madhya Pradesh, was held on December 18, 2018.**
2. Delivered invited talk at Department of Science and Technology Sponsored “INSPIRE Internship Science Camp’ organized by Paul Hebert Centre for DNA Barcoding and Biodiversity Studies,. **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad., Maharashtra, was held on November 18, 2018.**
3. Delivered invited talk at Department of Science and Technology Sponsored “INSPIRE Internship Science Camp’ organized by Columbia Institute of Pharmacy, **Raipur, Chhattisgarh, was held on October 2-6, 2018.**
4. Delivered Guest lecture on topic “Posology” at Samarth Institute of Pharmacy, **Belha, Tal; Junner, Maharashtra, 18<sup>th</sup> August. 2018**
5. Delivered presentation in "Group Monitoring Workshop for the INSPIRE Internship Science camp Organizers” scheduled from 25<sup>th</sup> -26<sup>th</sup> June, 2018, at **University of Science & Technology Meghalaya, Kiling Road, 9<sup>th</sup> Mile, G.S Road, Ribhoi, Baridua- 793101, Meghalaya**
6. Delivered invited talk on “Drug Design and Development of Formulations” at K B H S S Trust's Institute of Pharmacy, **Malegaon, Maharashtra, 9<sup>th</sup> Feb. 2018**
7. Delivered invited talk on “**Radiopharmaceuticals**” at Matoshi college of Pharmacy, **Nasik, Maharashtra, 15<sup>th</sup> March. 2017**
8. Delivered invited talk on “How to become Scientist” at Department of Science and Technology Sponsored “INSPIRE Internship Science Camp’ organized by Paul Hebert Centre for DNA Barcoding and Biodiversity Studies,. **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad., Maharashtra, was held on November 21-25, 2017.**
9. Delivered presentation in "Group Monitoring Workshop for the INSPIRE Internship Science camp Organizers” scheduled from 26<sup>th</sup> -27<sup>th</sup> August, 2017, at "**Sri Venkateswara University”, Tirupati- 517 502 Andhra Pradesh.**
10. Delivered presentation in "*Workshop for Organizers of INSPIRE Internship Camps*" by the DST (GoI) on 12<sup>th</sup>-13<sup>th</sup> March 2016 at **Goa University, Goa.**
11. Delivered presentation at **IIT Delhi**, under Nanomission project, DST 11/06/2016
12. Delivered presentation at **HRDC-UGC, JNU, Delhi**, under Scheme for Young Science and Technologist, SEED, DST 13/06/2017
13. Delivered invited talk on “Nanomedicine and its Future Advancements” at University Department of Pharmaceutical Technology, University Institute of Chemical Technology, North Maharashtra University, **Jalgaon, Maharashtra, 24<sup>th</sup> Jan. 2015**
14. Delivered keynote speaker & guest lecture on “Biomaterial: Potential application in tissue engineering scaffold, at Rishiraj College of Pharmacy, **Indore, M. P. on 27<sup>th</sup> April. 2014**
15. Delivered invited talk on “Novel Drug Delivery System” at Hi-tech college of pharmacy, **Chandrapur, Maharashtra, 18<sup>th</sup> Jan. 2012.**



1. Design and Statistical Optimization of Trazodone HCl In-Situ Disintegration Based IR Tablet Prepared by Center Hole Technology

**Publication National/International: (Int-20, National-36 Total-56)  
Cumulative Impact Factor:16.929**

1. Rakesh Nimba. Chaudhari, Amit Kumar Jain, **Vivekanand K. Chatap**, Investigation of Antioxidant and Antimicrobial activity of Bark extract of Muntingia Calabura. **Journal of medical pharmaceutical and allied sciences**, Volume 11 – Issue 1, 2175, January – February 2022, Page – 4075-4082
2. Rakesh N. Chaudhari<sup>1</sup>, Amit Kumar Jain, **Vivekanand K. Chatap**, Comparative phytochemical investigation antioxidant and antimicrobial activity of leaves, bark and stem extract of muntingia calabura. **The Journal of Maharaja Sayajirao University Baroda**. Volume-55, No.1(X) 2021 187-196.
3. Rahul S Tade, Pravin O Patil and **Vivekanand K Chatap**, One-pot in situ synthesis of eco-friendly cellulose magnetic nanocomposite (Cf-MNCs) for dye adsorption application. **Funct. Compos. Struct.** 3 (2021) 015001. <https://doi.org/10.1088/2631-6331/abcfaf>
4. **Vivekanand Chatap**, Ganesh Chaudhari, Synthesis And Characterisation Of Carboxymethyl Sesbania Galactamannan Seed Gum For Pharmaceutical Application. **International Journal of Advanced Science and Technology**. Vol. 29, No. 02, (2020), pp.4762-4770
5. Sunil M Bhadane, Dipak D Patil, **Vivekanand K Chatap**, Sandip P Patil, Laxmikant R Zavar, Preparation and Characterization of Solid Dispersion by Microwave and Freeze Drying Method for Solubility and Dissolution Rate Enhancement of Poorly Soluble Drug Ziprasidone. **Indian Journal of Novel Drug Delivery** 11(4), Oct-Dec, 2019, 220-228
6. Ravindra S. Chaudhary, Amit Kumar Jain, **Vivekanand K. Chatap**, Review on Pyrostegia Venusta as Therapeutically Useful for Health. **Journal of Drug Delivery & Therapeutics**. 2019; 9(4-s):883-887
7. V. K .Chatap, Deshbandhu Joshi, Recent Advanced of Multiple Unite Pellet System (MUPS) Technology in Formulation of Pharmaceutical Products: A Review. **International Journal of Contemporary Research and Review**, (2018) Vol. 9, Issue. 10, Page no: 20202-20214. DOI: <https://doi.org/10.15520/ijcrr.v9i10.879>
8. Rakesh N. Chaudhari , Amit Kumar Jain, **Vivekanand K. Chatap**, Muntingia Calabura as Functional Food and Dietary Supplement for Health Management. **Journal of Drug Delivery & Therapeutics**. 2019; 9(4-s):877-882
9. Rahul S Tade, Mahesh P More, **Vivekanand K Chatap**, Pravin O Patil & Prashant K Deshmukh, Fabrication and In vitro drug release characteristics of magnetic nanocellulose fiber composites for efficient delivery of nystatin. **Materials Research Express**, 5(11):2018. 102-116 (1.929 IF)
10. Harshala M Chachare, Neha S Pawar and **Vivekanand K Chatap**, Fabrication and Characterization of Lornoxicam Loaded Microsponge Tablets for Colon Delivery. **Acta Scientific Pharmaceutical Sciences** 2.10 (2018)
11. Prashant B Patil, **Vivekanand K Chatap**, Mahesh P More and Zamir G Khan, Prospective Process Validation Study of Glibenclamide 2.5 mg Tablets. **Current Research in Pharmaceutical Sciences** 2018; 08 (02): 224-233
12. **Chatap Vivekanand Kishan**, Mutha Rakesh Eshwarlal, Patil Vijay Krishnarao, Chachare, Harshala Motiram, Formulation and Evaluation of Sertaconazole Nitrate Microsponge Gel. **Inventi Rapid: NDDS Vol. 2018, Issue 3**
13. **Vivekanand Chatap and Savita Patil**: Cellulosic porous materials for pharmaceutical applications. **Journal of Pharmaceutical Research Volume 16, Issue 4, Oct-Dec, 2017: 319-351**
14. **Vivekanand K Chatap**<sup>1</sup>, Ketan B. Patil<sup>1</sup>, Sandip P. Patil<sup>2</sup>, Dr. Laxmikant R. Zavar<sup>1\*</sup> Synthesis and Characterization of Silver Nanoparticles using Sesbania Gum Powder. **Inventi Impact: NDDS, 2018(2):74-81, 2018..**
15. **Vivekanand K. Chatap** and Savita D. Patil, Formulation Strategies for Enhancement of Solubility and Dissolution Rate and limitation for oral bioavailability of Repaglinide. **RGUHS J Pharm Sci.** 6 (2 ), 54-62, 2016.
16. **Vivekanand K. Chatap, Savita D. Patil**, *In-vitro* and *in-vivo* Consideration of Repaglinide Immediate-Release Tablet: Assessment of Porous Acetostarch as a Promising Carrier for Dissolution Rate Enhancement. **Food Science and**



- Technology 4(4): 78-88, 2016. DOI: 10.13189/fst.2016.040405**
17. **Chatap, V. K.,** and S. D. Patil. "Dissolution Rate Enhancement of Repaglinide Using Dietary Fiber as a Promising Carrier." **Curr Drug Deliv.** 2016;13(6):994-1002. DOI: 10.2174/1567201813666160616114447 (I.F.1.582)
  18. **Vivekanand K. Chatap,** Prashant L. Patil, Savita D. Patil, In-Vitro, Ex-Vivo Characterization of Furosemide Bounded Pharmacosomes for Improvement of Solubility and Permeability. **Advances in Pharmacology and Pharmacy** 2(5): 67-76, 2014.
  19. **Vivekanand K Chatap,** Laxmikant R Zavar<sup>1</sup>, Bhushan D Patil<sup>1</sup>, Rupesh K More, Lalitkumar V Jadhav, Sesbania Gum: A Potential Alternative Pharmaceutical Excipient for Guar Gum, **Inventi Rapid: Novel Excipients** Vol. 2015, Issue 2 [ISSN 2278-408X]
  20. **Chatap V K,** Patil B A, Bari S B, Zavar L R, Lyotropic Liquid Crystal as Platform for Drug Delivery. **Inventi Rapid: NDDS** Vol. 2014, Issue 4
  21. **Vivekanand K. Chatap,** N. M. Bhatia Parag V. Ingle, Environmental Control for Parenteral Production. **Journal of Pharmaceutical Research & Clinical Practice,** July-Sept 2014; 4(3):22-32
  22. **Vivekanand K. Chatap,** N. M. Bhatia Parag V. Ingle, Design Considerations for Parenteral Production Facility. **International Journal of Pharma Research & Review,** August 2014; 3(8):15-28
  23. **V. K. Chatap,** P. N. Wagh, S. B. Bari, B U Bachhav, D. R. Patil, J.B. Naik and V.J. Mokale, Novel Spin Coating Technique for Development of Zolmitriptan Mouth Dissolving Film. **Int'l Journal of Advances in Chemical Engg., & Biological Sciences (IJACEBS) Vol. 1, Issue 1(2014) ISSN 2349-1507 EISSN 2349-1515**
  24. **Vivekanand K. Chatap,** Prashant K. Deshmukh, Ketan P. Ramani, Saurabh S. Singh, Avinash R. Tekade, Ganesh B. Patil, Sanjay B. Bari, Stimuli-Sensitive Layer-by-Layer (LbL) Self-assembly Systems: Targeting and Biosensory Applications. **Journal of Controlled Release.** 166 (2013) 294-306. doi: 10.1016/j.jconrel.2012.12.033 From 1 To 43 (I.F.7.87)
  25. **Vivekanand K. Chatap,** Abhishek R. Maurya, Prashant K. Deshmukh, Laxmikant R Zavar. Formulation And Evaluation Of Nisoldipine Sublingual Tablets Using Pullulan & Chitosan For Rapid Oromucosal Absorption. **Advances in Pharmacology and Pharmacy** 1(1): 18-25, 2013. DOI: 10.13189/app.2013.010104
  26. **Vivekanand K. Chatap & Abhishek R. Maurya,** Effect Of -Cyclodextrin On Photostability Of Nisoldipine Analyzed By Liquid Chromatography And Spectroscopy Technique. **International Journal of Pharmaceutical Sciences Letters** 2013 Vol. 3 (4) From 248 - 256
  27. **Vivekanand K. Chatap,\*** Gajanan M. Marathe, Abhishek R. Maurya, Nandkishor D. Patil. Formulation and Evaluation of Zaltoprofen Fast Disintegrating Tablet. **Journal of PharmaSciTech, Volume 3 (Issue1)2013;20-26.**
  28. **Vivekanand K. Chatap\* Abhijit M. Karale,** Pramod Wagh, Prashant K. Deshmukh, Savita D. Patil & Sanjay B. Bari. Fabrication of Specially Designed Novel Mold for Casting of Perindopril Erbumine Mouth Dissolving Film. **Advances in Pharmacology and Pharmacy.** 1(2): 58-67, 2013. DOI: 10.13189/app.2013.010203
  29. **Vivekanand K. Chatap,\*** Abhishek R. Maurya, Gajanan M. Marathe, Nandkishor D. Patil. Zaltoprofen- beta-CD Inclusion Complex for Solubility Enhancement. **Journal of PharmaSciTech, Volume 3 (Issue1)2013;37-42.**
  30. **Vivekanand Chatap,** Raju Sonawane, Pravin Bonde, Sanjay Bari, Laxmikant Zavar. Preparation and Characterization of Microwave-assisted Candesartan Cilexetil Solid Dispersions. **Research & Reviews: Journal of Pharmaceutical Science** 4(3):9-19, 2013
  31. **Vivekanand K. Chatap,** Wasim Shaikh, Prashant K. Deshmukh, Ganesh B. Patil, and Sanjay B. Bari, Design and statistical optimization of osmotically driven capsule based on push-pull technology. **Pharmaceutical Development and Technology,** March-April 2013, Vol. 18, No. 2, Pages 515-524 (doi:10.3109/10837450.2012.726999) (IF 2.347)
  32. **V.K. Chatap,** K.P. Ramani, S.S. Singh, A.R. Maurya, P.K. Deshmukh, S.B. Bari Design and development of atorvastatin calcium buccoadhesive bilayered devices for oral drug delivery. **J. DRUG DEL. SCI. TECH.,** 22 (6) 505-510 2012 (I. F. 2.734)
  33. **V.K.Chatap,** A.R. Maurya, P.K. Deshmukh, S.B. Bari Pullulan as novel solubilizer for solubility enhancement of nisoldipine. **Novel Science International Journal of Pharmaceutical Science.** Vol 1, Issue 1, 20012, 374-385
  34. **Vivekanand K. Chatap,** and Prashant K. Deshmukh, Ganesh B. Patil, Saurabh S.

- Singh, Ketan P. Ramani, Design and Development of Novel Dual-Compartment Capsule for Improved Gastroretention. **ISRN Pharmaceutics** Volume 2013, Article ID 752471, 7 pages <http://dx.doi.org/10.1155/2013/752471>
35. **V. K. Chatap**, D.K. Sharma, Anil Middha, R.D.Gupta, Vipin Saini, Mahendra Shiradkar and V.B. Gupta. Mouth disintegrating tablets of taste- masked Ondansetron HCl. **Asian Journal of Chemistry. Vol 19, Issue 4, 2007.**
  36. **Chatap VK**, Sharma DK, Nandgude TD and Gupta VB. A review on taste masking of bitter drugs. **Pharmaceutical Reviews. 2007, 5(4)** <http://www.pharmainfo.net/reviews/review-taste-masking-methods-bitter-drug>
  37. **V.K.Chatap**, D.K.Sharma, R.D. Gupta, Vipin Saini, P.K.Gaur, V.B.Gupta. Pharmaceutical Controlled Release Methods and Devices: An Overview. **Pharma Times Feb, Vol-1.2007.**
  38. **Chatap, V. K.**, Mohib Khan, A R Siddiqui, Nandgude Tanaji. A Glance on Nigella Sativa: Kalaunji, **Hamdard Medicus. July-Sept. 2006, XLIX (3), 5-8. (J. of Sci. and Med., Karachi, Pakistan),**
  39. **Chatap V K**, Nandgude T D,, Bhise K S and Sharma D K. Mouth dissolving tablets: geriatrics and paediatrics friendly drug delivery system. **Indian drugs 44(6) June 2007.** <http://www.idma-assn.org/Publications.html>
  40. **V.K. Chatap**, D. K. Sharma\*, Anil Middha, T.D. Nandgude, Mohib Khan and V.B. Gupta. Pharmacological Screening of Black Cumin (Nigella Sativa Linn) for Cardiological Effect on Perfused Frog's Heart. **Plant Archives, Vol. 6 No.2, 2006 pp.635-637**
  41. **V. K. Chatap**, R. D. Gupta, Ruby Gupta, D.K.Sharma and V. B. Gupta. Tapioca starch as a directly compressible tablet excipient. **IJGP. Issue 1, Vol.1, 2006**
  42. **V.K.Chatap**, Nitin Kumar Jain, R. D. Gupta, D. K. Sharma. Preparation and evaluation of sustained release tablet of diclofenac sodium using starch. **IJGP. Issue 1, Vol.1, 2006.**
  43. **V.K.Chatap**, D.K.Sharma, S.D.Parial, T.D. Nandgude and Mohib Khan. Nigella sativa Linn: A Golden Seed. **International Journal of Plant Sciences (2006) 1 (2) : 357-360.** [www.hindagrihorticulturalsociety.com](http://www.hindagrihorticulturalsociety.com)
  44. **Chatap V.K**, Rathore M.S., Middha A, Saini V., and Gupta V.B. "In Vitro Safety Evaluation Of Certain Popular Herbal Eye Drops" **Asian Journal of Pharmaceutics, volume 1, Issue 2-3, July-Sept., 2007.** [www.asiapharmaceutics.info](http://www.asiapharmaceutics.info) (**IF-0.460**)
  45. **Chatap V. K, Sharma D.K., Dave Kapilesh, Jain Anurekha, Gupta R.D.,** approaches for the development of a nasal drug delivery system: a review. **Asian Journal of pharmaceutical and clinical research. volume 1, Issue 1, 2008.**
  46. **Vivek Chatap**, Tanaji Nandgude, Rahul Thube, Nitin Jaiswal, Pradip Deshmukh, Formulation And Evaluation Of pH Induced In-Situ Nasal Gel Of Salbutamol Sulphate, **Int. J. of Pharm. Sci. and Nanotech. volume 1, Issue 1, 2008.**
  47. **V. K. Chatap, R.D.Gupta, D.K.Sharma, S. D. Parial and V.B.Gupta,** A Review: Supercritical Fluid Technology Pharmaceutical Reviews. 2008,6(2). <http://www.pharmainfo.net/reviews/review-supercritical-fluid-extraction-technology>
  48. **V.K.Chatap**, D.K.Sharma, P.T.Deshmukh and V.B.Gupta. Taste Masking Property of Ion Exchange Resin: A Review. **Pharma Times, May,2007.**
  49. **Vivekanand Chatap.** Vidyasagar Patidar, Dinesh Sharma, Deepika Maliwal Penetration Enhancement Techniques for Transdermal Drug Delivery System. **Research J. Pharm. and Tech. 2(1): Jan-Mar. 2009.**
  50. **V.K.Chatap**, V.S Shende, V.A. Sawant, A.O.Turaskar and C.Vijaya, "Evaluation of Hypoglycemic and antihyperglycemic effects of alcoholic extract of Chonemorpha fragrans root in normal and alloxan induced diabetic rats" **Phcog Mag. Vol.5/Issue 19 (Suppl.),Jul-Aug, 2009, Page 36-41**
  51. **V.K.Chatap**, V.S Shende, R.B. Unhale, V.A. Sawant & S.N. Borkar, Formulation and In-vitro Release kinetic Study of Stavudine from Sustained Release Matrix Tablet Containing Hydrophilic and Hydrophobic Polymer. **Indian Journal of Novel Drug Delivery. 1(1), July-Sep, 2009, 36-41.**
  52. **V.K.Chatap**, V.S Shende, R.Suresh, G.Y. Dama, V.A. Sawant & S.N. Borkar, Tamoxifen Citrate Loaded Solid Lipid Nanoparticles- A Novel Approach in the Treatment of ER<sup>+</sup> Breast Cancer. **Research J. Pharma Dosage Forms and Tech. 2009.1(2):143-149.**
  53. **V.K.Chatap**, V.U.Jadhav, V.G.Jamakundi, J.A.Mulla, S.P.Karpe, R.Suresh, G.S.Sanap, G.Y. Dama & S.N. Borkar. Reservoir Type Nicorandil Transdermal Delivery System by using Permeation Enhancer. **Indian drugs 46(9) September 2009/693.**
  54. **V.K.Chatap**, V.S Shende, D.J.Sawarkar, C. Vijaya, A.O. Turaskar, V.A. Sawant &

- S.N. Borkar. Hepatoprotective Activity of Ethanolic and Ethyl Acetate Extract of Ziziphus Mauriatiana on Liver Damaged caused by paracetamol in Rats. **Research J. Pharmacognosy and Phytochemistry. 2009.1(3):103-108.**
55. **V.K.Chatap**, V.S.Wakale, S.R.Deore, A.O.Barve, V.S Shende, P. Jayaprabha, G.Y. Dama, V.A. Sawant & S.N. Borkar. In-vitro Release Kinetic Study of Mosapride Citrate Dihydrate from Sustained Release Matrix Tablet Containing Two Different Viscosity Grades of HPMC. **Research J. Pharma Dosage Forms and Tech. 2009.1(3):207-212.**
56. **V.K.Chatap**, Pokharna Gaurav, Jain Naveen Kumar, Nalwaya Narendra. Bougainvillea glabra – A Natural Indicator. **PHCOG J. January 2010, Vol 2, Issue ,25-28**

**PRESENTATION/SEMINAR/CONFERENCE/WORKSHOP (52)**

**Reviewer:  
Drug Delivery Letters**

(<http://www.benthamscience.com/ddl/index.htm>)

**Micro and Nanosystems**

(<http://benthamscience.com/journal/index.php?journalID=mns>)

1. Participate Avishkar-2019 at VVM's SGPACS, Sakri
2. Presented poster at National Seminar on 11/10/2019-13/10/2019 at DIT University, Dehradun, Apticon-2019 National Convention "Holistic contribution of pharmacy gurus for future global leaders – vision 2047
3. National Conference on "Global Pespective Towards Green Pharmacy and Modern Era of Phyto-pharmaceuticals" at Smriti College of Pharmaceutical Education, Indore on 18/01/2020
4. Presented research work at Technology Showcase: See Ideas Come to Life on 10th February, 2018 at Vivekanand Education Society's College of Pharmacy, Chembur, Mumbai
5. Presented poster at National Seminar on 24/3/2018 at Smriti College of Pharma Edu, Indore (M.P.)
6. Attended First IPA –MSB Convention 2018, Organized by IPA, Maharashtra, SPTM, RCPIPER, HRPIPER, Shirpur & COP, Dhule
7. at NMIMS's School of Pharmacy & Technology Management, Shirpur, Dist. Dhule was held on 03rd & 4th Feb. 2018.
8. Participate Avishkar-2017 at NMU, Jalgaon
9. Participate Avishkar-2016 at NMU, Jalgaon
10. Participate Avishkar-2015 at NMU, Jalgaon
11. Participate Avishkar-2014 at NMU, Jalgaon
12. Presented poster as well as oral presentation in **11th Maharashtra State Inter-University Research Convention** (State Level Avishkar2016)] at SRTM, university, Nanded on 27-29/01/2017
13. Presented poster as well as oral presentation in **10th Maharashtra State Inter-University Research Convention** (State Level Avishkar2015)] at Savitribai Phule University, Pune on 10-12/01/2016
14. Attended International conference on Artificial Intelligence in Health Care (IC-AIHC-2016) at SVKM'S NMIMS, Shirpur Campus, Maharashtra. (Oral Presentation) Formulation and characterization of repaglinide immediate-release tablet: assessment of porous acetostarch as a promising carrier for dissolution rate enhancement. was held on 28<sup>th</sup> December, 2016
15. Presented poster as well as oral presentation **9th Maharashtra State Inter-University Research Convention** (State Avishkar2014)] at Maharashtra Animal & Fishery Sciences University, Nagpur on 20-23/01/2015
16. Participate Avishkar-2014 at NMU, Jalgaon
17. Attended Inspire Workshop by DST & GOA university at Goa was held on 11<sup>th</sup> -13<sup>th</sup> March 2016
18. Attended and organized **20th APTI - Annual National Convention (APTICON 2015)** organized by Madhya Pradesh pharmacy Institution,

- at Indore. During 9th - 11th October, 2015
19. Attended state level Conference on **optimization technique in pharmaceutical formulation and processing** at Sanjivani College Of Pharmaceutical Education And Research, Kopargaon, held on 14/11/2014
  20. Attended International Conference on **THIRD GLOBAL SUSTAINABLE BIOTECH CONGRESS-2014** at HRPIPER, Shirpur, 1-5 DEC 2014
  21. Presented oral presentation in **19th APTI - Annual National Convention (APTICON 2014)** organized by Pune Region Group of Institution, at Pune. During 28th - 30th November, 2014
  22. Attended **18th APTI - Annual National Convention (APTICON 2013)** at Vikas Institute of Pharmaceutical Sciences, Rajahmundry, A.P. During 25th - 27th October, 2013.
  23. As Coordinator Organized "**Library user orientation programme**" at Department of Library. H.R.Patel Institute of Pharmaceutical education and Research, Shirpur. Dist- Dhule (M.S.) 425 405, on 12th August 2014
  24. As Coordinator Organized "**Library user orientation programme for student**" at Department of Library. H.R.Patel Institute of Pharmaceutical education and Research, Shirpur. Dist- Dhule (M.S.) 425 405, on 11-12th March 2013
  25. As organizing committee member Organized Brookfield Ltd. Sponsored One Day National Seminar on "**Recent Trends in Pharmaceutical Research: Emphasis on Viscosity and Texture Characterization**" on 15 March 2013.
  26. Attended UGC-SAP sponsored 3<sup>rd</sup> National conference on "**Recent challenges in pharmaceutical sciences and technology**" held at UICT, North Maharashtra University, Jalgaon, 16<sup>th</sup> March 2013.
  27. Attended Department of ayurveda, yoga and naturopathy, unani and homoeopathy, ministry of health and family welfare, GOI, New Delhi, sponsored National seminar on "**Current trends and recent advancements on herbal formulations**" held at R.C. Patel institute of pharmaceutical education and research, shirpur, 21<sup>st</sup> & 22<sup>nd</sup> Feb 2012.
  28. Attended 4<sup>th</sup> conference on "**Recent advances in polymer technology**", held at North Maharashtra University, Jalgaon, March 2-3, 2012.
  29. Attended UGC-SAP sponsored national conference on "**Recent challenges in pharmaceutical sciences and technology**" held at North Maharashtra University, Jalgaon, 28<sup>th</sup> March 2012.
  30. Attended national conference on "**Recent challenges in pharmaceutical sciences and technology**" held at North Maharashtra University, Jalgaon, 19<sup>th</sup> March 2011.
  31. **Chatap V. K.**, P.K.Gaur, R.D.Gupta, D.K.Sharma, Poster Presentation on "**Rapimelts: New-Flangled Drug Delivery System**" held on Mar.2, 2006 at B.R.Nahata College of Pharmacy Mandsaur M.P.
  32. **V.K.Chatap**, P.K.Gaur, R.D.Gupta, D.K.Sharma, Vipin Saini, Poster Presentation on "**A Review - Polymeric Drug Delivery System**" held on Mar.1, 2006 at Oriental College Bhopal M.P.
  33. R.D.Gupta, **V.K.Chatap**, P.K.Gaur, D.Suresh, Poster Presentation on "**Diabetes Mellitus – A Global Burden**" held on Mar.2, 2006 at

- B.R.Nahata College of Pharmacy Mandsaur M.P.
34. P.K.Gaur R.D.Gupta, **V.K.Chatap**, and V.Tiwari, Poster Presentation on “**Controlled Drug Delivery to the Lung**”, held on Mar.2, 2006 at B.R.Nahata College of Pharmacy Mandsaur M.P.
  35. Ramdayal.Gupta, **Vivekanand K. Chatap**, Praveen. Gaur, Presentation on “**Novel Approach of Drug Delivery System: Resealed Erythrocytes**”, held on Mar.1, 2006 at Oriental College Bhopal M.P.
  36. V.K.Chatap, Mahendra Singh, S.S.Pandey, R.D.Gupta, “**Herbal absorption promoters for oral drug delivery system**” 3<sup>rd</sup> National Green Pharmacy and Intellectual Property Fair Seminar, Held on Dec.1-2,2007 at B.R.Nahata College of Pharmacy Mandsaur M.P.
  37. Dighe M. A, Harer S. L, **Chatap V. K** and Dama G. Y, **Isolation, Purification and Partial Characterization of Thermostable Alkaline Protease from Newly Isolated Sp. *Bacillus thuringiensis***. Poster presented at **Anant Pharma Poster Competititon 2009** Organized at **Rajgarh Dyanpith College of Pharmacy, BHOR, MaHARASHTRA**, (09-10<sup>th</sup> JAN. 2009)
  38. Chatap V.K, Kolhe.J.A, Badhe N.N, Bothiraja C.K., Kolhe G.A. Dama G.Y, **Analgesic activity of Andrograpolid from Andrographis Paniculata Nees**” at **Anant Pharma Poster Competititon 2009** Organized at **Rajgarh Dyanpith College of Pharmacy, BHOR, MaHARASHTRA**, (09-10<sup>th</sup> JAN. 2009)
  39. Active participation in the seminar in “**Challenge and opportunities in pharma industries**” held at B.R.N. College of Pharmacy, Mandsaur.
  40. Active participation in “**National seminar & intellectual property fair on Green Pharmacy**” organized by B.R.Nahata Smriti Sansthan, Mandsaur in collaboration with Rajasthan Ayurved University.
  41. Participated in “ **Seminar cum live consultation on Canadian immigration for higher Studies, Employment and residency**” Held on Aug 15, 2005 at BRNCP Mandsaur in collaborations with three feather’s International, New Delhi.
  42. Active participation in the seminar in “**National Pharmacy Week Celebration-2005 & Academia-Industry Workshop**” held at B.R.Nahata College of Pharmacy, Mandsaur.
  43. Active participation in the seminar in “**Academia-Industry HR Seminar The Employability of Pharmacy Pass-Outs**” held on Feb 28 & Mar 1,2006. at B.R.Nahata College of Pharmacy, Mandsaur.
  44. Active participation in **1<sup>st</sup> M.P.State APTI Convention**, Theme “Central Province at the periphery of pharmacy profession-strategies to rectify” held on Mar 2-3,2006 at B.R.N. College of Pharmacy, Mandsaur
  45. Active participation in **Biotech Drugs: Need For Change In Strategies**: Organized By **Tifac Core In Green Pharmacy**, B R NAHATA College of Pharmacy, Mandsaur, Madhyapradesh, 458001(30<sup>th</sup> Jan 2008)
  46. Active participation in **Online Manuscript Management System**, B R NAHATA College of Pharmacy, Mandsaur, Madhyapradesh, 458001(20<sup>th</sup> Feb. 2008)
  47. Active participation in **Fun and Florik of Marketing**. Organized By **Tifac Core In Green Pharmacy**, B R NAHATA College of Pharmacy, Mandsaur, Madhyapradesh, 458001(30<sup>th</sup> Jan 2008)
  48. Active participation in **Clinical Research Boom: How to Ensure Your Participation?** Organized By **Tifac Core In Green Pharmacy**, B R NAHATA College of Pharmacy, Mandsaur, Madhyapradesh, 458001(11<sup>th</sup> march 2008)
  49. Active participated at **Anant Pharma Poster Competititon 2009** Organized at **Rajgarh Dyanpith College of Pharmacy, BHOR, MAHARASHTRA**, (09-10<sup>th</sup> JAN. 2009)
  50. Active participated at **Indian Pharmaceutical Congress at Delhi-2008**

51. Active participated at **Indian Pharmaceutical Congress at Delhi-2009**
52. Active participated at **Indian Pharmaceutical Congress at Manipal-2010**

### QUALITY IMPROVEMENT PROGRAMME: (12)

- Shivaji University Kolhapur sponsored One Day Staff Development Programme on [**Drug Regulatory Affair and Intellectual Property Rights**] at Shree Santkrupa College of pharmacy, Ghogaon, Karad, Maharashtra. Held on 17<sup>th</sup> August 2013.
- AICTE sponsored Two weeks Faculty Development Programme - [**Recent Advancements on Herbal Formulation and Drug Delivery Systems of Indian Systems of Medicine**] held at R.C. Patel institute of pharmaceutical education and research, shirpur, 27<sup>th</sup> May to 8<sup>th</sup> June 2013.
- AICTE sponsored Two weeks Staff Development Programme on **Recent Advances and Standardization of Herbal Drug** at S.K.Patel College of Pharmaceutical Education and Research, Ganpat University, Kherva, Mehasana, Gujrat. From 28<sup>th</sup> Feb 2007 to 14<sup>th</sup> March 2007.
- AICTE sponsored Two weeks Staff Development Programme on **Recent Advances on Novel Drug Delivery System** at S.K.Patel College of Pharmaceutical Education and Research, Ganpat University, Kherva, Mehasana, Gujrat. From 5<sup>th</sup> March 2009 to 18<sup>th</sup> March 2009.
- National MOOC FDP on "**Creating Open Source Cloud based Gnomio Moodle of Your Own Subject for OBE [Self-Paced BT6 Level Course]**" D. Y. Patil College of Engineering, Akurdi 11/07/2019-25/08/2019
- National FDP on "**Tools for Online Teaching-Learning Process**" organized by Department of pharmacy government polytechnic, jalgaon from 10/01/2020-08/03/2020.
- National FDP on "**Effective Use of ICT Tools In Offline to Online Education Transition**" organized by Sanjivani College of Pharmaceutical Education & Research Kopargaon from 31/5/2020 to 5/6/2020.
- Online FDP on "Innovation Management (Innovation)" from 24/08/2020 to 28/08/2020 at GTU
- National FDP on "**Effective Use of ICT Tools in Teaching-Learning**" organized by P. E. Society's Modern College of Pharmacy, Punein association with APTI from 8/6/2020 to 7/7/2020.
- **Trainer's Training Programme on Employability, Entrepreneurship and Life Skills** conducted by The National Institute for Entrepreneurship and Small Business Development from 15 February 2021 to 18 February 2021.
- AICTE sponsored One week Online Short Term Training Program (STTP) on, "**Developing Excellence in Research & Academic Leadership**" Opportunities and Challenges organized by MMCOP, Pune(M.S) during June 21- 26,2021.
- AICTE Training And Learning (ATAL) Academy Online FDP on "Personal Effectiveness" at H R Patel Institute of Pharmaceutical Education & Research. from 2-25 /09/2020.
- **Capacity Building Industrial Training (CBIT)** Program sponsored by Pharmacy Council of India New Delhi was conducted at Sun Pharmaceutical Industries Ltd Halol Gujrat from 1/10/2021 to 30/10/2021.
- Online Elementary FDP on "**Drug Engineering: Challenges & Innovations**" from 13/09/2021 to 17/09/2021 at I.T.S. College of Pharmacy.

### ACHIEVEMENTS: Awards & Prizes-14

1. Received **Outstanding Assistant Professor Award** in DST-NSTMIS SPONSORED STAKEHOLDER WORKSHOP "A collaborative initiative striving to build a new era of Academia-Industrial Interactions that foster Pharmaceutical Innovations" at Smriti College of Pharmaceutical Education, Indore on 28 September 2019



2. Received **“Young Scientist Award”** at National Seminar on 15/9/2018 at Modern Institute of Pharmaceutical, Indore (M.P.)
3. Successfully completed **Industrial Visit** for Final Year B.Pharm Student HRPIPER, Shirpur to **Bluecross Pvt. Ltd. At Nasik** on 28/08/2018
4. Successfully completed **Industrial Visit** for Third Year B.Pharm Student HRPIPER, Shirpur to **Indoco Remedies Pvt. Ltd. At Aurangabad** on 30/08/2018
5. Research project shortlisted in **NSRT APTI IDEA HUNT-2018** presentation will be delivered on 9th of August, 2018 at NSRT, Kandla, Kachchh, Gujarat.
6. Received **“Young Researcher Award”** at National Seminar on 24/3/2018 at Smriti College of Pharma Edu, Indore (M.P.)
7. **Received First prize, Best Innovation Award -2017**, National level competition Level-II at Jalgaon, organized by GHR Labs & Research Centre, Raisoni group of institution. . (4/03/2017)
8. **Participated and received Third prize, Best Innovation Award -2017**, National level competition Level-III at Pune, organized by GHR Labs & Research Centre, Raisoni group of institution(25/3/2017)
9. Project nominated for **Zee24Tass “Young Innovators Award”**
10. **Received University Level 1<sup>st</sup> prize in Teacher Category (Medicine & Pharmacy) at Avishkar Research Competition-2016”, NMU, Jalgaon on 12 & 13/1/2017**
11. **Received University Level 1<sup>st</sup> prize in Teache Category (Medicine & Pharmacy) at Avishkar Research Competition-2015”, NMU, Jalgaon on 22 & 23/12/2015**
12. **Participate in 10th Maharashtra State Inter-University Research Convention (State Level Avishkar2015)] at Savitribai Phule University, Pune on 10-12/01/2016**
13. **Coordinator**, One day workshop on work culture and safety management for non-teaching, on 23/10/2015 at Library, HRPIPER
14. **Coordinator**, Book Exhibition & celebration of Reading Inspiration Day on 15/10/2015 at Library, HRPIPER
15. **Received Best APTI State Branch of the Year Award-2015 in APTICON-2015 at Indore, MP**
16. Received 2nd prize in **Entrepreneurial Idea Competition** at NMIMS shirpur campus.
17. **Coordinator**, ASOJ Pharmvention Award-2015
18. **Coordinator**, Library user orientation programme-2015 ON 30/09/2015 at Library, HRPIPER
19. **President, MP State. Association of Pharmaceutical Teachers of India**
20. **Advisor**, Shree Tuljabhavani Sevabhavi Saikshanik & Samajik Sanstha, Hi-Tech College of Pharmacy, Morwa, Chandrapur
21. **Mr Pramod Wagh** (Student M. Pharm) Received **III<sup>rd</sup> Prize for Poster Compitiion** in UGC-SAP sponsored 3<sup>rd</sup> National conference on “Recent challenges in pharmaceutical sciences and technology” held at UICT, North Maharashtra University, Jalgaon, 16<sup>th</sup> March 2013.
22. **Received 1<sup>st</sup> prize in Teache Category at Avishkar Research Competition2014”, NMU, Jalgaon University Level.**
23. **Participate in state level Avishkar Research Competition-2014 at Maharashtra Animal & Fishery Sciences University**
24. **Best Teacher Award** for 2009-2010 Received From Sharadchandra Pawar College of Pharmacy, Otur, Pune
25. **Secure First rank** in M Pharm (Pharmaceutics) in academic year 2005-2006
26. Received Silver medal in Oral Presentation on entitle **“Herbal Absorption Pramotors For Oral Drug Delivery”**
27. Member of cricket team for the state level **PHARMA CUP** tournament organized by Bharati Veedyapith, Pune.
28. Successfully completed the Industrial and Adventure Tour of Third Year B.Pharm Student of Sharadchandra Pawar College of Pharmacy, Otur, Pune.at kullu-Manali-Shimla-Delhi
29. Successfully completed the Industrial and Adventure Tour of Third Year B.Pharm Student of Sharadchandra Pawar College of Pharmacy, Otur, Pune.at Gujrat and Rajasthan
30. Successfully completed the Industrial and Adventure Tour of Third Year B.Pharm Student of Sharadchandra Pawar College of Pharmacy, Otur, Pune.at Manipal and Kerla.

#### **Professional Membership:**

- **Registered Pharmacist**, State Pharmacy Council. Maharashtra (60465)
- Life Member of APTI, (MP/LM-116 & MA/LM-2447)
- Life Member of Pharmaceutical Royal International Society (PRISAL/LM-162/19)

- Life Member of Foundation for Health & Environment Research (**FHER/LM/19/177**)
- Founder Member & Treasurer, **Association of Pharmaceutical Innovators**
- Member of **Asian Biomedical and Pharmaceutical Research Association**  
(**ABPRA/Ind/Pceu/2014-325**)

**Leisure activities:**

Reading Newspapers and professional Journals, Internet Browsing, Indoor and Outdoor Sports

**References:**

**Dr. S. B. Bari**

M.Pharm.Ph.D.

**Principal and Professor**

Department of Pharmaceutical  
Chemistry,  
H. R. Patel Institute of Pharmaceutical  
Education Research, Shirpur, Dhule,  
Maharashtra

**Dr. D. K. Sharma**

M.Pharm.Ph.D.

**Principal and Professor**

Department of Pharmaceutics,  
Devasthali Vidyapeeth College of  
Pharmacy, Lalpur, Uttarakhand,

**Dr. Vipin Bihari Gupta**

Drug Discovery Scientist  
Bhopal

**Dr. S. D. Patil**

Head Department of Clinical Pharmacy,  
R. C. Patel Institute of Pharmaceutical  
Education Research, Shirpur, Maharashtra

**ACADEMIC DETAILS:**

**M.Pharm. (Pharmaceutics)-2006 (73.46 %)**

**College:** B.R.Nahata College of Pharmacy, BRNSS-  
Contract Research Center {Scientific Industrial  
Research Organization (SIRO) & Innovation  
Network Partner Recognized By Ministry of  
Science & Technology-Govt. of India, Center of  
Relevance and Excellence recognized by **TIFAC**,  
Mhow-Neemuch Road, Mandsaur-458001, M.P.}

**University:** Rajiv Gandhi Proudyogiki Vishwavidhyalaya,  
Bhopal M.P.

**B.Pharm.-2004 (67.33%)**

**College:** Shri Bhagwan College of Pharmacy,  
**University:** Dr.Babasaheb Ambedkar Marathwada  
University, Aurangabad, Maharashtra

**D.Pharm-2001 (68.90%)**

**College:** Institute of Pharmacy, Maregoan, Dist:-  
Yavatmal, Maharashtra.

**Board:** Maharashtra State Board of Technical Education,  
Mumbai.

**M. PHARM DISSERTATION:**

**Title:** "Formulation Development of Ondansetron HCl In  
Fast Disintegrating Tablet. [Melt In Mouth Tablet]"

**Guide: Dr. V.B.Gupta**

Director & Drug Discovery Scientist  
B.R. Nahata College of Pharmacy

**Co-guide: Dr. D. K. Sharma,**

Head of Dept of Pharmaceutics,  
B.R. Nahata College of Pharmacy

**University:** Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal  
M. P.

**Ph.D:**

**Title:** "Formulation Strategies for solubility enhancement of  
poorly water soluble drug"

**Guide: Dr. S. D. Patil**

Vice-Principal,  
H. R. Patel Institute of Pharmaceutical Education  
Research, Shirpur, Maharashtra

**Registration No. :** NMU/11/Ph.D./Pharm/66/2012

**University:** Kavayitri Bahinabai Chaudhari North Maharashtra University  
Jalgaon, Maharashtra

**Declaration:** The information given above is correct as per my knowledge and belief.

**Date:** 4/5/2022