** CURRICULUM VITAE**

**KULDEEP A. VINCHURKAR**

**Email id**:

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Contact no- 7387527076

**CAREER SYNOPSIS**

Aiming to achieve a challenging position in academics where I can make a significant contribution to the institute using  the knowledge that I have gained. I would also like to keep myself on learning curve and sharpen my skills for the betterment of the institute through continuous improvement and innovation.

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- | --- |
| **Class** | **Session** | **Institute** | **Result** | **Remarks*\**** |
| S.S.C | (2003-2004) | Railway Men’s Highschool, Ajani, Nagpur | 77.86% | **1st Division with distinction** |
| H.S.C | (2005-2006) | S.M.M.College of Science, Shakardara,Nagpur | 77.50% | **1st Division with distinction** |
| B. Pharm.[Final] | (2010-2011) | S.K.B College of Pharmacy, Kamptee (Nagpur University) | 73.63% | **1st Division with distinction** |
| M. pharm. [IInd] | (2012-2013) | Kamala Nehru College of Pharmacy, Butibori  (Nagpur University) | 88.03% | **1st Division with distinction** |
| PhD | 2018 | DAVV | Pursuing | **Thesis Submitted** |

**AREA OF INTEREST**

* Teaching and Academics

**ACADEMIC EXPERIENCE (09 YEARS 10 MONTHS)**

* Assistant Professor, Indore Institute of Pharmacy, Indore (M.P) from Feb 2019 - Present date.
* Assistant Professor, College of Pharmacy, IPS Academy, Indore (M.P) from Jun 2013 - Feb 2019.

**RESEARCH SPECIALIZATION**

* Pharmaceutics

**THESIS TOPIC**

* “Formulation and Evaluation of Once-a-Day Dual Component Gastroretentive Drug Delivery system”

**RESEARCH PAPER**

* Research article on “Development and optimization of floating alginate microspheres of repaglinide using box-behnken experimental design”, International journal of pharmaceutical science and nanotechnology, 2023, 16(1),6281-6293.
* Research article on “Formulation of gastroretentive microspheres of repaglinide for stomach specific delivery: Statistical optimization, in-vitro and in vivo evaluation”, Dogo rangsang research journal, 2022, 12(10), 20-38.
* Research article on “Effect of formulation variables on the characteristics of vildagliptin microspheres”, IP International journal of comprehensive and advanced pharmacology, 2022,12(3),1-7.
* Research article on “Comparative study of different types of porogen, polymer and solvent on vildagliptin porous microspheres”, Dogo rangsang research journal, 2022, 12(10), 100-107.
* Research article on “Quantitative estimation of meglitinide in pharmaceutical dosage forms by UV-Visible spectrophotometry”, International journal of innovation in engineering research and management, 2022;09, Special issue1, (IC-PRI-2022), 4-7.
* Research article on “Formulation design and evaluation of granisetron loaded orodispersible film for the treatment of nausea and vomiting”, International academic and research consortium, 2021;2(3):1-7.
* Research article on "Formulation design and evaluation of mucoadhesive buccal patch of ketorolac for the treatment of periodontitis", International Journal of innovative science and research technology, 2021; 6(5):256-265.
* Research article on “Formulation design and evaluation of 3D printed tablet of cinnarizine by fused deposition modeling technique”, International journal of creative research and thoughts, 2021; 4(9):5880-5897.
* Research article on “Formulation design and evaluation of water-dispersible tablet of guaifenesin for pediatric use”, International Journal of pharmaceutical science and research, Special issue, 2020; 11-13.
* Research article on “Formulation design and evaluation of fast dissolving taste-masked tablet of lafutidine”, International Journal of pharmaceutical science and research, Special issue, 2020; 14-16.
* Research article on “Formulation and evaluation of once-a-day dual-component gastroretentive drug delivery system”, Asian journal of science and technology, 2019; 10(9):10247-10254.
* Research article on “Pharmacognostical and phytochemical evaluation plumeria obtusa (*Linn*.) leaves”, Pramana research journal, 2019;9(8):198-206.
* Research article on “Formulation and evaluation of tablets containing Artemether microsphere and Lumefantrine”, Journal of drug delivery and therapeutics, 2017;7(7):4-7.
* Research article on “Formulation and evaluation of gastro retentive multiparticulate drug delivery system”, International Journal of pharmaceutical science and research, APTICON Proceeding, 9-11th Oct, 2015.
* Research article on “Formulation and evaluation of floating multilayered coated tablets”, Journal of advanced pharmaceutical technology and research, SPER, Proceeding, 27-28th Feb, 2015.

**REVIEW PAPER**

* Review article on “Fused deposition modeling (FDM) inn personalized medicine – An overview on the rise of fused”, International Journal of Pharmaceutical Science and Nanotechnology, 2023;16(8), 6-19.
* Review article on “3D Printing for drug delivery and its pharmaceutical applications, Recent findings and challenges”, International Journal of Pharmaceutical Science and Nanotechnology, 2022;15(2),5923-5932.
* Review article on “Features and facts of gastroretentive drug delivery system – A review”, Turkish Journal of Pharmaceutical Science, 2021; 4(18),1-21.
* Review article on “Monolithic columns in bio-analysis: A review”, Lino, 2021;4(11), 1-21.
* Review article on “Eradication of pediatric HIV-1 Infection: A review on progress and challenges”, Research chronicler, 2019;7(7),1-17.
* Review article on “Multifunctional envelop type nanodevice for nanomedicine”, International journal of research and analytical review, 2019;6(3),530-541.
* Review article on “Radiopaque diagnostic agents”, World journal of pharmaceutical research,2019;8(12),52-58.
* Review article on “Digitalization in Pharmacy”, International Journal of Research in Pharmacy and Pharmaceutical Science, 2018;3(5),37-43.
* Review article on “Green synthesis: A novel approaches for metal particles”, Research Chronicler, 2018;6(10),72-82.
* Review article on “Silver Bullet - A new shine to the antimicrobial agent, a preface to silver nanoparticles”, International Journal of Research in Pharmacy and Pharmaceutical Science, 2018;3(5),31-36.
* Review article on “3D Printing: A review”, Journal of harmonized research in pharmacy (JOHR), 2018;7(4),61-71.
* Review article on “Professionalism: A key to success”, Research Chronicler, 2018;6(11),142-150.

**PATENT GRANTED**

* Indian patent on “3D Printing method with a novel way of drug loading”. The Patent Office Journal No. 28/2022, Dated 15/07/2022, Application no. 202221036622A.
* Indian patent on “A method to fabricate gastroretentive floating tablet case using fused deposition model (FDM) 3D printing”, Dated 11/05/2023, Application no. 202321033401A.
* Indian design patent on “Spreadability test apparatus”. Dated 26/03/2023, Application no. 382294-001. (In process)
* Indian design patent on “Pill dispenser”. Dated 19/06/2023, Application no. 388625-001. (In process)

**BOOK PUBLICATION**

* A practical book of Physical Pharmaceutics – I by Nirali Prakashan as per PCI syllabus for B. Pharm III semester.
* A textbook of Physical Pharmaceutics – II by Nirali Prakashan as per PCI syllabus for B. Pharm IV semester.

**BOOK CHAPTERS**

* Ciclopirox: New vistas for an old antifungal agent. Pharmaceutical research and innovation, First edition, RFI Publication (International Book Publication), “ISBN – 978-93-91903-30-5”, 2022.
* Invitro mutagenicity of gmelina arborea roxb (Gambhari) extract by ames assay. Pharmaceutical research and innovation, First edition, RFI Publication (International Book Publication), “ISBN – 978-93-91903-30-5”, 2022.
* Proteolysis targeting chimera – An emanating protein degradation technology. Pharmaceutical research and innovation, First edition, RFI Publication (International Book Publication), “ISBN – 978-93-91903-30-5”, 2022.

**ORAL PRESENTATION**

* National level oral presentation at 72nd IPC on “Design development of gastroretentive floating tablet using 3D printing technology”, organized by SKB college of pharmacy, Nagpur, January 20-22,2023.
* National level oral presentation “Translational research for nanomedicine”, sponsored by AICTE, organized by Indore Institute of Pharmacy, Indore, April 22-23, 2022.
* International level oral presentation “Pharmaceutical Research and Innovation”, organized by Research Foundation of India and RFI-CARE, at Indore Institute of Pharmacy, Indore, January 6-7, 2022.
* National level oral presentation on “Recent Advances in Pharmaceutical Sciences”, at Parul University, Rajasthan, December 17, 2021.
* Oral presentation on “Insight on a guideline for setting up of small-scale herbal industry” a one-day national seminar on Revival, modernization, and validation of tribal medicine to treat life-threatening diseases, at Swami Vivekanand College of Pharmacy, Indore, April 16, 2018.

**CONTINUING EDUCATION PROGRAM (CEP)**

* UGC approved STPP on “Implementation of NEP-2020 for university and college teachers” in association with “ignou” and “staff training and research institute of distance education”, New Delhi, November 7-16th, 2022.
* FDP-SI UHV Online - “AICTE Incorporating Universal Human Values in Education (A joint initiative of UGC and AICTE), October 31th - 04th Nov, 2022.
* Certificate web training course on “New era technologies in formulation design space” with UGC NRC at UIPS, Punjab University, Chandigarh, January 17-22th, 2022.
* Certificate course on “Elevating ethical practices in pharmacy profession” in association with IQAC cell of DBCOP, Besa, Nagpur, December 4-10th, 2021.
* eFDP on “3D Printing Design and Technology” in association with ATAL AICTE, at National Institute of Technology, Silchar, July 19-23rd, 2021.
* eFDP on “3D Printing Technology” in association with ATAL AICTE, at Govt. Engineering College Jhalawar, (Rajasthan), July 12-16th, 2021.
* Refresher program on “Fostering professional performance” in association with AICTE -ISTE, at SWVS Mandal’s tatyasaheb kore college of pharmacy, Warananagar, Maharashtra, March 26th - April 04th, 2021.
* STTP on “Basic fundamentals and hands-on training on sophisticated instruments” at Chandigarh group of colleges, Chandigarh, Punjab, March 1-6, 2021.
* eFAI on “Road ahead, the scope of online teaching advancement” in association with APTI at APTI Cental, Odisha, May 26-29th, 2020.
* eFDP on “Teacher and ethics: Balance in research, teaching, socio-professional value and attitude” in association with APTI at MSGCOPER, Nashik, Maharashtra, May 20-25th, 2020.
* eFDP on “Best Practices in innovation IPR and patents in pharma” organized by Sharadchandra Pawar College of Pharmacy, Pune, Maharashtra, May 26-27th, 2020.
* CEP on “Aspects of scientific writing” in association with pharmacy council of India (PCI) at school of pharmaceutical sciences, Rajiv Gandhi proudyogiki Vishwa Vidyalaya (RGPV), Bhopal, Madhya Pradesh, Sep13-15th, 2018.
* FDP on “Need of Patenting Pharmaceutical Invention” in association with M.P.C.S.T at Acropolis North Campus, Indore, Madhya Pradesh, Sep19th, 2015.

**CONFERENCE ATTENDED**

* 72nd Indian Pharmaceutical Congress o “Access to quality and affordable medical products” at Department of Pharmacy, UDPS, Nagpur, January 20-22, 2023.
* AICTE and DST sponsored an international conference on “Pharmatech 2020 – Exploring myriads of pharma in pharmaceutics and pharmaceutical technology” at L. M. College of Pharmacy, Ahmedabad, October 28-30, 2020.
* AICTE sponsored a one-day national conference on “Global Perspective Towards Green Pharmacy and Modern Era of Phyto-Pharmaceuticals” at Smriti College of Pharmaceutical Education, Indore, January 18, 2020.
* IJPSR sponsored a national conference on “Recent Advancement In Pharmaceutical Science and Research” at Oriental University, Indore, Madhya Pradesh, on September 17, 2019.
* MPCST sponsored a one-day national seminar on “Revival, Modernization and Validation of Tribal Medicine To Treat Life-Threatening Diseases” at Swami Vivekanand College of Pharmacy, Indore, Madhya Pradesh, April 16, 2018.
* MPCST sponsored a one-day international colloquium on “Global Integration of Opportunities In Healthcare Management” at IPS Academy, Indore, Madhya Pradesh, October 31, 2018.
* IPSAPHARMA – The 1st International Conference, at IPS Academy, Indore, Madhya Pradesh, November 18-19, 2017.
* SPER 5th sponsored National seminar on “Recent Trends In Pharmaceutical Biotechnology: Research, Invent, And Discovery” at Sehore, Madhya Pradesh, July 30-31, 2016.
* SPER 4th Annual International Conference & Exhibition on “Pharmaceutical Innovations for Global Excellence: Ignite, Invent, Implement” at Vedanta Auditorium, DIT University, Dehradun [Uttarakhand], February 27-28, 2015.
* APTICON- 2015, 20th Annual National Convention of Association of Pharmaceutical Teachers of India, at DAVV Auditorium, Takshaila Campus, Indore, Madhya Pradesh, October 9-11, 2015.
* NIPICON – 2013, Nirma Institute of Pharmacy International Conference, Ahmedabad. January 18-20, 2013.
* National conference on “Current Trends In Drug Regulatory Affairs”, Amrutnagar, Sangamner, Ahmednagar. March 15-16, 2013.
* 64th Indian Pharmaceutical Congress at SRM University, Kattankulantur, Chennai. December 7-9, 2012.
* 17th National Conference of Indian Aerobiological Society at MAEER’S MIT Group of Institutions, Pune. December13-15, 2012.

**POSTER PRESENTATION**

* Poster presentation at a national level workshop at H. R. Patel Institute of Pharmaceutical Education and Research, 28th February, 2023, Shirpur, Maharashtra.

“**Challenges and opportunities for entrepreneur’s in pharma sector**”

* Poster presentation at a national conference at Smriti College of Pharmacy, 18th January, 2020, Indore, Madhya Pradesh.

“**Formulation design, optimization and evaluation of water-dispersible tablet of guaifenesin for pediatric use**”.

* Poster presentation at a national conference at Oriental University, 17th September, 2019, Indore, Madhya Pradesh.

“**3D Printing: Recent advancement of personalized medicine**”

* Poster presentation at SPER - 2016, Sponsored National seminar recent trends in pharmaceutical biotechnology: Research, Invent and Discovery, 30th - 31st July, 2016, Sehore, Madhya Pradesh.

“**Engineered bacteria as therapeutic agents**”.

* Poster presentation at 4th International Conference (SPER- 2015) at DIT University, 27th -28th 2015, Dehradun, Uttarakhand.

“**Formulation and evaluation of floating multilayered coated tablets containing gas evolving agents**”.

* Poster presentation at APTICON - 2015, 20th Annual National Convention of Association of Pharmaceutical Teachers of India, 9th -11th October, 2015, Indore, Madhya Pradesh.

“**Formulation and evaluation of gastro-retentive multiparticulate drug delivery system**”.

* Poster presentation at NIPICON - 2013, Nirma Institute of Pharmacy International Conference, Ahmedabad, Gujrat.

“**Determination of the anti-microbial activity of essential oils (peppermint, rose, and orange) in different concentrations**”.

* Poster presentation at 64th Indian Pharmaceutical Congress (IPC- 2012) at SRM University, Chennai.

“**Formulation and evaluation of acetaminophen fast disintegrating tablet using direct compression method**”.

* Poster presentation at 17th National Conference of Indian Aerobiological Society at Pune.

“**Nanobiotechnology: A promising tool in diagnosis and therapeutics of cancer**”.

**MOOC CERTIFICATION**

* “Pharmaceutical and medical device innovation” by the University of Minnesota.
* “Implementation of NEP-2020 for University and College Teachers” by ignou & Swayam.
* “Academic writing” online course certification by Swayam.
* “Foundation of virtual instruction” by the University of California, Irvine.
* “The fundamentals of digital marketing” by Google digital unlocked.
* “How to teach online: providing continuity for students” by Future learn.
* “Work smarter, Not harder: Time management for personal and professional productivity” by the University of California, Irvine.

**INSTRUMENTS HANDLED**

* 3D Printer (3D Prototype)
* UV Spectrophotometer (UV-1800Shimadzu).
* Multistation Tablet Compression machine & Tablet coating machine
* 14, 8 & 6 station Dissolution apparatus (TDL-08L, Electrolab).
* Tablet Disintegration Tester, Friability Tester, Brookfield Viscometer (RVDV 2+Pro, Brookfield), Potentiometer and R & D Coater.

**COMPUTER PROFICIENCY**

* Familiar with an operating system like Ms-Office: - Ms-Word, Ms-Excel, PowerPoint.
* Proficient in Internet browsing and online data searching with 90% in (MS-CIT).
* Familiar with software viz. PCP-Disso208, Endnote, Zotero, Design expert.

**LIFE MEMBERSHIP OF PROFESSIONAL BODIES**

* The Association of Pharmaceutical Teachers of India – MP/LM-402.
* The Indian Pharmaceutical Association of India – MP/IND/ON/LM/000214.

**EXTRACURRICULAR ACTIVITIES**

* University Topper at First Year B. Pharm.
* First runner up in scientific paper presentation at Smriti college of pharmacy, Indore.
* First winner at “Intercollegiate Quiz & Debate Competition” at Sharad Pawar College of Pharmacy, Nagpur.
* First winner in Intercollegiate Cricket Tournament as a captain of the team, at COP, IPS Academy, Indore.
* Second runner-up in Clash of Corporates cricket tournament organized by 94.3 MY FM.
* Reception Committee In charge of State Level Intercollegiate Dance Competition.
* Active participation in various events like College Annual Gathering, Educational camp & tours.

**EDUCATIONAL HONOURS**

* Received “Young Scientist Award” in International conference of IPGA, COFPRI-2023, at university cultural center, DAVV, Indore, M.P.
* Received “Second Winner” award in National level oral presentation, at Parul University, 2021, Rajasthan.
* Received “Outstanding Assistant Professor” award in pharmaceutics category, in IPA MP STATE Award Ceremony, 2021, Indore, M.P.
* Received “Best scientific Paper Presentation” award in pharmaceutics category, in AICTE sponsored national conference at Smriti College of Pharmacy, 2020, Indore, M.P.
* Received “Best Scientific Poster” award in pharmaceutics division in Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON- 2015), Indore M.P.
* Received “Academic Excellence” award from Mr. S. N. Pathan (ex-vice chancellor Nagpur University) during B. Pharm IInd year for good academic in B. Pharm Ist year.

**STRENGTHS**

* Ability to learn in-depth, Honest and hardworking, work well under pressure, flexible and quick learner.

**PERSONAL PROFILE**

* **Nationality :** INDIAN
* **Date of Birth :** 11th November 1989
* **Gender :** Male
* **Mother name :** SunandaAshokrao Vinchurkar
* **Marital Status :**  Married

**REFERENCES**

**Dr. Milind Umekar (M. Pharm, M.B.A, Ph.D.) Dr. D. K. Jain (M. Pharm, Ph.D.,)**

Professor and Principal, Professor and Principal,

Smt. Kishoritai Bhoyar College of Pharmacy  College of Pharmacy, IPS Academy,

Kamptee, Nagpur – 440031 (M.H) Indore – 452012 (M.P)

**Declaration,**

**I hereby declare furnished above is true to the best of my knowledge and that the information belief.**

**Date: Place:**