

Chandrashekhar Chakole

PhD Research
Scholar/Assistant
Professor



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MADANGIR, NEW DELHI

📅 25th June 1981

🇮🇳 Indian

👤 Married

🆔 0000-0002-3090-1366

LANGUAGES

Marathi, English, Hindi

GLOBAL RECOGNITIONS ID'S AND AUTHOR METRIX

Vidwan ID

URL:<https://vidwan.inflibnet.ac.in/profile/323501>

Orcid Id: 0000-0002-3090-1366

Scopus Id: 36113033000

Researchers ID: AEQ-4915-2022

Google Scholar Id: MFCsJ_EAAAAJ

Citation: 87

H-Index: 4

I-10 Index: 1

PROFESSIONAL EXPERIENCE

Delhi Institute of Pharmaceutical Sciences and Research,
DPSR-University, New Delhi,
PhD Research Scholar/Assistant Professor
April 2019 – present

Bajiraoji Karanjekar College of Pharmacy,
Assistant Professor
July 2008 – March 2019 | Sakoli, Maharashtra, India

Bombay shine Products, Hingna MIDC, QC Chemist
February 2005 – March 2006 | Nagpur, India

Zim Laboratories, Kalmeswar, Maharashtra,
Production Chemist
April 2006 – June 2006

Glenmark Research Centre, Sinnar, Nashik. Maharashtra,
Project Trainee (Formulation R & D)
September 2007 – May 2008

Ajanta Pharma Paithan, Maharashtra, Implant Training
May 2003 – June 2003

EDUCATION

PhD, Delhi Institute of Pharmaceutical Sciences and
Research (DIPSAR), DPSR-University
2019 – present | New Delhi, 110017

Master of Pharmacy,
Department of Pharmacy, Annamalai University
2006 – 2008 | Chidambaram, India

Bachelor of Pharmacy, Department of Pharmaceutical
Sciences, RTM Nagpur University
2000 – 2004 | Nagpur, India

GATE, 83.66 Percentile, Indian Institute of Technology

PUBLICATIONS

Kate A, Seth E, Singh A, Chakole CM, Chauhan MK, Singh
RK, Maddalwar S, Mishra M. Artificial Intelligence for
Computer-Aided Drug Discovery. Drug Research. 2023
Jun 5

Sharma PK, Sharma HP, Chakole CM, Pandey J, Chauhan
MK. Application of Vitamin E TPGS in ocular
therapeutics–Attributes beyond excipient. Journal of the
Indian Chemical Society. 2022 Feb 5:100387

Chakole CM, Sahoo PK, Pandey J, Chauhan MK. A green
chemistry approach towards synthesizing hydrogel for
sustained ocular delivery of brinzolamide: In vitro and ex
vivo evaluation. Journal of the Indian Chemical Society.
2022 Feb 1;99(2):100323

Chakole CM, Chauhan MK. Surface modified
nanostructured lipid carrier for improved ocular delivery:
in vitro and ex-vivo study. J Med Pharm Allied Sci. 2021;
11:75-80

RESEARCH PROJECTS

Doctoral Research Project,
Nanocomposite hydrogel of bioactive
agent with brinzolamide for effective
management of glaucoma
2019 – present

M.Pharm Research Project,
Formulation Development and
Evaluation of Halobetasol Propionate
plus Fusidic Acid Cream and Ointment
for the Treatment of Atopic Dermatitis
2007 – 2008

AWARDS

Best Poster Award for the paper
entitled “Nanotechnology-Based
Approach for Improved Ocular
Delivery of Dexamethasone in the
Rabbit Eye for Glaucoma Induction”,
G.H.G. Khalsa College of Pharmacy,
Gurusar Sadhar, Ludhiana
30th June 2021

Best Poster Award, for the research
work entitled “Formulation and
Evaluation of Nanostructured Lipid
carriers (NLCs) of Brinzolamide By
Box-Behnken Design”, University
Institute of Pharmaceutical Sciences,
Chandigarh
21st April 2023

WORKED AS VOLUNTEER IN NATIONAL / INTERNATIONAL LEVEL PROGRAM

American Association of
Pharmaceutical Scientists (AAPS),
ANAHEIM MARRIOTT, Volunteer to
review abstracts at the 2022 National
Biotechnology Conference
May 2023 | CALIFORNIA, USA

Delhi Institute of Pharmaceutical
Sciences and Research,
Volunteer in XXXI-QIP
April 2019 | New Delhi, India

Delhi Institute of Pharmaceutical
Sciences and Research,
Volunteer in XXVIII-QIP
March 2019 | New Delhi, India

Delhi Institute of Pharmaceutical
Sciences and Research,
□ Volunteer in XXX-QIP
March 2019 | New Delhi, India

Delhi Institute of Pharmaceutical
Sciences and Research,
Volunteer and demonstrator, XXIX-QIP
April 2019 | New Delhi, India

Zode R, Chakole CM. Formulation and evaluation of
antibacterial gel using leaf extract of andrographis
paniculate. Indo American Journal of Pharmaceutical
Research. 10 (06),755-760

Chakole CM, Shende MA, Khadatkar SN. Formulation and
evaluation of novel combined halobetasol propionate and
fusidic acid ointment. International Journal of ChemTech
Research. 2009 Jan;1(1):103-16

Chakole CM, Chauhan MK. Research progress of
nanostructured lipid carriers in ocular drug delivery. Drug
Delivery Letters. 2021 Sep 1;11(3):203-19

Mittal S, Chakole CM, Sharma A, Pandey J, Chauhan MK.
An Overview of Green Synthesis and Potential
Pharmaceutical Applications of Nanoparticles as
Targeted Drug Delivery System in Biomedicines. Drug
Research. 2022 May 13

Chakole CM, Chauhan MK. Role of Polyphenolic
Compounds in Management of Oxidative Stress
Associated with Glaucoma. European Journal of
Molecular & Clinical Medicine.;7(09):2020

ORAL/POSTER PRESENTED AT CONFERENCES (NATIONAL: 02, INTERNATIONAL: 09)

1. Chandrashekhar M. Chakole, Meenakshi K. Chauhan,
“Formulation and Evaluation of Nanostructured Lipid
carriers (NLCs) of Brinzolamide By Box-Behnken Design”.
Presented at National Symposium-cum-Workshop on
Contemporary Trends, Tools and Techniques in Pharma
Quality by Design (QbD): From Conceptualization to
implementation, 20-21 April 2023.
2. Chandrashekhar M. Chakole, Meenakshi K. Chauhan.
“Nanotechnology-Tailored Drops of Brinzolamide and
Curcumin for Glaucoma: Combined Attribution of
Neuroprotection and Improved Oculo-Antihypertensive
Effect”. Presented at International Research Conference
on Pharmaceutical and Allied Sciences 2.0. Organized by
UCSI University Kuala Lumpur, Malaysia on 11-12 March
2023.
3. Chandrashekhar M. Chakole, Meenakshi K. Chauhan.
Co-encapsulation of Brinzolamide and Rutin in a
Nanocomposite System for Amelioration of Ocular
Hypertension in Glaucomatous Eyes of Albino New
Zealand Rabbits, 2nd Annual Conference, Delhi
Pharmacological Society, DPSCON 2023, 1 March 2023.
4. Chandrashekhar M. Chakole, Meenakshi K. Chauhan.
“Nanotechnology-Tailored Drops of Brinzolamide and
Quercetin for Glaucoma: Combined Attribution of
Neuroprotection and Improved Oculo-Antihypertensive
Effect” 13th IASTAM Oration and Awards Function-2023
and International Conclave, held on January 21-22, 2023,
organized by DPSRU.

ARTICLE REVIEWED

1. Web of Science reviewer recognition, Reviewed (03) manuscripts of Journal Drug Research
2. Elsevier reviewer Recognition for reviewing manuscripts (03) of Journal of Indian Chemical Society.

PARTICIPATION IN AICTE SPONSORED PROGRAM

Participated as a delegate in the QIP 2010, organized by BITS, Ranchi, Jharkhand.

Participated as Delegates in the QIP XXVIII, (11-15 March 2019) organized by DIPSAR, New Delhi.

Participated as Delegate in the QIP XXX, (25-29 March 2019) organized by DIPSAR, New Delhi.

Participated as Delegate in the QIP XXXI, (1-5 April 2019) organized by DIPSAR, New Delhi.

Participated as Delegate in the QIP XXIX, (8-12 April 2019) organized by DIPSAR, New Delhi.

OTHER INFORMATION

- Face the FDA and ISO audits.
- Assist with the two patentable products at the Glenmark Research Centre, Nashik.
- Troubleshooting of two marketed products.
- Got approval from the FDA Office, Nagpur for the testing of cosmetics.

REFERENCES

Dr Meenakshi K Chauhan, *Professor*,
Delhi Institute of Pharmaceutical
Sciences & Research
meenakshikanwar@yahoo.com,
9811100998

Prof. Sharad Wakode, *Professor*,
Delhi Institute of Pharmaceutical
Sciences & Research DPSR-University,
New Delhi-110017, INDIA
9891008594

5. Chandrashekhar M. Chakole, Meenakshi K. Chauhan. "Nanocomposite hydrogel of brinzolamide and curcumin for ocular delivery: combine approach of neuroprotection and oculo-antihypertensive effect in glaucoma management". 2nd, Nirma e-conference for international connect (NCIC)-2023, 24-25 January 2023. Nirma University, Ahmedabad, Gujarat, India.

6. Chandrashekhar M. Chakole, Meenakshi K. Chauhan. "Co-encapsulation of brinzolamide and resveratrol in nanocomposite system for effective management of glaucoma". held at Jamia Hamdard, New Delhi, February 9-10, 2023.

7. Chandrashekhar M. Chakole, P.K. Sahoo, Meenakshi K. Chauhan. "Surface modified Nanostructured Lipid Carrier for Improved Ocular Delivery: In Vitro and Ex Vivo study" International e-conference on, 'Pharmaceutical Research and Innovation to Tackle Future Health-care Arena' organized by M.S. Gosavi College of Pharmaceutical Education and Research, Nashik, Maharashtra, India, Sep 27-29, 2021.

8. Chandrashekhar M. Chakole, PK Sahoo, Meenakshi K. Chauhan. "Carboxymethyl Chitosan Coated Nanostructured Lipid Carrier of Dexamethasone for Digital Eye Strain" AICTE sponsored online national conference on "Pharma QbD: Product Development Perspective" Organized by Dadasaheb Balpande College of Pharmacy, Besa, Nagpur, Sep 3-4, 2021.

9. Chandrashekhar M. Chakole, Meenakshi K. Chauhan. "Nanotechnology-Based Approach for Improved Ocular Delivery of Dexamethasone in the Rabbit Eye for Glaucoma Induction" GHGKCP-CON Virtual International Conference on 'Optimizing Research Tomorrow's Therapeutics including COVID-19 pandemic' organized by G.H.G. Khalsa College of Pharmacy, Gurusar Sadhar, Ludhiana, Jun 30, 2021.

10. Chandrashekhar M. Chakole, Meenakshi K. Chauhan "Brinzolamide loaded nanostructured lipid carrier for the management of glaucoma" 2nd International Conference 2020, Dadasaheb Balpande College of Pharmacy, Nagpur, Maharashtra, February 14-15, 2020.

11. Chandrashekhar M. Chakole, Meenakshi K. Chauhan " Novel Elastic carrier (Spanlastics) for ocular delivery of voriconazole for the treatment of keratomycosis" International conference on Nanotechnology and its Application to Ocular Drug Delivery Systems, organized by Maliba Pharmacy College, Uka Tarsadia University, Gujrat India, 28-30 Jan 2019.

DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge

