



## Faculty Profile on University Website

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| Title                                           | Prof.     | First Name                                                            | Shashi Bhooshan                                                                      | Last Name     | Tiwari                                                                                      | Photograph                                                                          |
|-------------------------------------------------|-----------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Designation                                     |           | Professor                                                             |                                                                                      |               |                                                                                             |  |
| Department                                      |           | Pharmacy                                                              |                                                                                      |               |                                                                                             |                                                                                     |
| Address                                         | Campus    | Department of Pharmacy, F.E.T, M.J.P.R.U. Campus, Bareilly, UP-243006 |                                                                                      |               |                                                                                             |                                                                                     |
|                                                 | Residence | House B7, Type-IV, Professor Colony, MJPRU Campus, Bareilly           |                                                                                      |               |                                                                                             |                                                                                     |
| Mobile No.                                      |           | +91-9451325149, 7987905189                                            |                                                                                      |               |                                                                                             |                                                                                     |
| Email ID                                        |           | Personal                                                              | <a href="mailto:tiwari.shashibhooshan@gmail.com">tiwari.shashibhooshan@gmail.com</a> |               |                                                                                             |                                                                                     |
|                                                 |           | University Domain                                                     | s.tiwari@mjpru.ac.in                                                                 |               |                                                                                             |                                                                                     |
| Educational Qualifications (Graduation Onwards) |           |                                                                       |                                                                                      |               |                                                                                             |                                                                                     |
| Course/Degree                                   |           | Institution                                                           |                                                                                      | Year          | Details/Thesis Topic/Subjects                                                               |                                                                                     |
| B. Pharm.                                       |           | Dr. Harisingh Gaur<br>Vishwavidyalaya, Sagar, MP                      |                                                                                      | 2000          | Pharmacy                                                                                    |                                                                                     |
| M.Pharm.<br>(Pharmaceutical Chemistry)          |           | Dr. Harisingh Gaur<br>Vishwavidyalaya, Sagar, MP                      |                                                                                      | 2003          | Computational Molecular modeling of dopamine receptor binding agents                        |                                                                                     |
| PhD                                             |           | Dr. Harisingh Gaur<br>Vishwavidyalaya, Sagar, MP                      |                                                                                      | 2008          | Molecular modeling synthesis and biological evaluation of dopamine receptor binding agents. |                                                                                     |
| Administrative Positions/Assignments Held       |           |                                                                       |                                                                                      |               |                                                                                             |                                                                                     |
| Post                                            |           | Organization                                                          |                                                                                      |               | Duration                                                                                    |                                                                                     |
|                                                 |           |                                                                       |                                                                                      |               | From                                                                                        | To                                                                                  |
| Proctor                                         |           | Department of Pharmacy, MJPRU                                         |                                                                                      |               | 2022                                                                                        | Working                                                                             |
| Head                                            |           | Department of Pharmacy, MJPRU                                         |                                                                                      |               | 2019                                                                                        | 2022                                                                                |
| Asst. Hostel Warden                             |           | University Main & New boys Hostel                                     |                                                                                      |               | 2009                                                                                        | 2018                                                                                |
| Program Officer                                 |           | NSS University campus                                                 |                                                                                      |               | 2016                                                                                        | 2019                                                                                |
| Centre Superintendent                           |           | Central Evaluation, FET Examination                                   |                                                                                      |               | 2016                                                                                        | 2018                                                                                |
| Co-ordinator                                    |           | University flying Squads                                              |                                                                                      |               | 2015                                                                                        | 2017                                                                                |
| No of Research Scholars Successfully Guided     |           |                                                                       |                                                                                      |               |                                                                                             |                                                                                     |
| Name of Programme                               |           |                                                                       | Awarded                                                                              | Co supervisor | Under Supervision (pursuing)                                                                |                                                                                     |
| PhD                                             |           |                                                                       | 02 (submitted)                                                                       | -             | 02                                                                                          |                                                                                     |
| MDS                                             |           |                                                                       | 10                                                                                   | -             | -                                                                                           |                                                                                     |
| Dissertation (M. Pharm.)                        |           |                                                                       | 25                                                                                   | 08            | 07                                                                                          |                                                                                     |

| Details of Publications/ Books/ Book chapters/Research Papers (Last 5 years Onwards) |                                                                                                                                                            |                                                        |                                                              |                                                       |           |                      |                                    |                                 |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-----------|----------------------|------------------------------------|---------------------------------|
| (a) Authored Books                                                                   |                                                                                                                                                            |                                                        |                                                              |                                                       |           |                      |                                    |                                 |
| Name of Book                                                                         |                                                                                                                                                            | Year of Publication                                    |                                                              | Publisher                                             |           | ISBN No              |                                    |                                 |
| Chemistry and Antimicrobial Potential of Thienopyrimidinones                         |                                                                                                                                                            | 2021                                                   |                                                              | Lambart academic publishing                           |           | 978-620-4-20637-0    |                                    |                                 |
| Chemistry and Pharmacology of Momordica charantia fruits                             |                                                                                                                                                            | 2021                                                   |                                                              | Lambart academic publishing                           |           | 978-620-4-20665-3    |                                    |                                 |
| (b) Chapter/Paper Published in Edited Books                                          |                                                                                                                                                            |                                                        |                                                              |                                                       |           |                      |                                    |                                 |
| Publication                                                                          |                                                                                                                                                            | Title of theBook                                       | Title ofthe Chap-ter                                         | Name & Address of Publisher                           | Year      | ISBN                 | DOI                                | Citation Google/ web of Science |
| National                                                                             | Internationa-l                                                                                                                                             |                                                        |                                                              |                                                       |           |                      |                                    |                                 |
| National                                                                             | -                                                                                                                                                          | Recent developments in Nanoscience and Green Chemistry | Nano Technology & drug delivery systems                      | Neel Kamal prakashan, Delhi                           | 2020      | 978-81-88962-83-9    | -                                  | -                               |
| -                                                                                    | International                                                                                                                                              | Emerging trends in Nanotechnology                      | Nano material for pharmaceutical applications                | Springer nature, Singapore                            | 2021      | 978-981-15-9903-3    | -                                  | -                               |
| -                                                                                    | International                                                                                                                                              | -                                                      | Detection and techniques of Diabetes                         | Atomic spectroscopy                                   | 2024      | 0195-5373            | -                                  | -                               |
| National                                                                             | -                                                                                                                                                          | Multidisciplinary Research and Innovation:             | Artificial Intelligence in Screening of Bioactive Candidates | Shree Vinayak Publication, Agra                       | 2025      | 978-93-87899-86-5    | -                                  | -                               |
| (c) Research Papers                                                                  |                                                                                                                                                            |                                                        |                                                              |                                                       |           |                      |                                    |                                 |
| Year of Publica-tion                                                                 | Title                                                                                                                                                      |                                                        |                                                              | Name of Journal                                       | ISSN No   | SCI/Scopous/UGC Care | Publishe-d/Accepted/Com-municat-ed |                                 |
| 2003                                                                                 | QSAR study of dopamine D <sub>2</sub> and D <sub>3</sub> receptors                                                                                         |                                                        |                                                              | International Journal of Medicinal Chemistry Research | 1054-2523 | SCIE                 | Publishe-d                         |                                 |
| 2007                                                                                 | Synthesis and biological evaluation for Parkinson agents                                                                                                   |                                                        |                                                              | International Journal of Medicinal Chemistry Research | 1554-8120 | SCIE                 | Published                          |                                 |
| 2008                                                                                 | Synthesis of 3-(5-bromo- 2,3-dimethoxyphenyl) - [1,2,4] oxadiazole analogues and their evaluation as anti-parkinson's agents                               |                                                        |                                                              | Medicinal Chemistry Research                          | 1054-2523 | SCIE                 | Published                          |                                 |
| 2011                                                                                 | QSAR studies in 2-(5-bromo-2, 3-dimetphenyl)-5-(aminomethyl)-1h-pyrrole analogues for their binding affinity at D <sub>2</sub> andD <sub>3</sub> receptors |                                                        |                                                              | International Journal Pharm Bio Sci                   | 0975-6299 | Scopus               | Published                          |                                 |

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------|-------------|-----------|
| 2012 | Development and validation of simultaneous spectrophotometric estimation of metformin hydrochloride and pioglitazone                                         | Research Directions                                         | 2321-5488                 | Peer review | Published |
| 2012 | Effect of solvents in a simultaneous evaluation study of paracetamol and diclofenac sodium in tablet                                                         | Research Directions                                         | 2321-5488                 | Peer review | Published |
| 2013 | 2D- QSAR forD <sub>2</sub> &D <sub>4</sub> receptor of isoIndolinyI benzisoxazol Piperidines analogues Series                                                | Research Directions                                         | 2321-5488                 | Peer review | Published |
| 2014 | Extraction anti-Inflammatory and analgesic screening of leaves and stem bark of Tectona Grandis                                                              | Research Directions                                         | 2321-5488                 | Peer review | Published |
| 2017 | Screening Of Hepato-Protective Potential of Ethanolic Flower Extract of Tagetes Erecta in Ethanol Induced Hepatotoxicity in Rats.                            | International Journalof Current Advanced Research           | O:2319-6475, P:2319-6505  | Scopus      | Published |
| 2017 | Anti-obesity Effect of terminalia Chebula Fruit Extract on High FatDiet Induced Obese Animal Model                                                           | IOSR Journal ofPharmacy                                     | 2250-3018, (p): 2319-4219 | Scopus      | Published |
| 2018 | Antidiabetic and Hepatoprotective Activity of Seed Extract of Brassica Nigra seed on Alloxan Induced Model                                                   | International Journalof Chemtech Research                   | 0974-4290                 | Scopus      | Published |
| 2020 | Origin, Epidemiology and Transmission of Pandemic Corona Viruses (SARC-cov ,MES- Cov, 2019-NCov)                                                             | International Journal of Pharmacy & Pharmaceutical Research | 2343-7203                 | Peer review | Published |
| 2020 | Pharmacological Screening of Anxiolytic Activity of MethanolicExtract of Zingiber officianale Roscoe Rhizomes in Mice.                                       | International Journalof Pharmacy & Pharmaceutica l Research | 2349-7203                 | Peer review | Published |
| 2023 | Anti-inflammatory activity through extract of cassia occidentalis on albino rats                                                                             | Journal of Biochemical Science and Engineering              | 1880-9863                 | Scopus      | Published |
| 2023 | Synthesis, Characterization, Molecular Docking and Pharmacological Evaluation of Novel Substituted 3-alkyl amino Quinoline 4-(3H)-one Derivative             | International Journal of Applied Pharmaceutics              | 0975-7058                 | Scopus      | Published |
| 2023 | Synthesis and Evaluation for Anti-inflammatory and Anticonvulsant Activity of Novel 2-(N-Phenyl substituted)-3-alkyl amino Quinazoline-4(3H)- one Derivative | International Journal of Applied Pharmaceutics              | 0975-7058                 | Scopus      | Published |
| 2023 | Pharmacological Evaluation of Analgesic Activity of N-butenol and Ethyl Acetate Extract of Matricaria Chamomilla in Rats                                     | European Chemical Bulletin                                  | 2063-5346                 | Scopus      | Published |
| 2023 | A Comparative Phytochemical and Anxiolytic Screening of Ethanolic Extract of Leaves and Flowers of Hibiscus Rosa Sinensis linn in Mice                       | European Chemical Bulletin                                  | 2063-5346                 | Scopus      | Published |
| 2023 | A Review on assessment on biomarker, algorithm and organ crosstalk between the cardiovascular and chronic kidney diseases                                    | Future Journal of Pharmaceutical Sciences                   | 2314-7253                 | UGC-CARE    | Published |

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|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------|---------------|-----------|
| 2024 | A critical review on computational techniques in <i>In silico</i> assisted drug design                                                                                                                   | International journal of pharmaceutical investigation | 2230-9713 | ESCI          | Published |
| 2024 | Review emphasizing remedial utility Of oxadiazole fashioned derivatives                                                                                                                                  | African journal of biological science                 | 2663-2187 | Scopus        | Published |
| 2024 | Design, Synthesis and Pharmacological Evaluation Of 2-[3-(4-Nitro benzene) propyl (Substituted phenyl)-1,3,4-Oxadiazole Derivatives                                                                      | African journal of biological science                 | 2663-2187 | Scopus        | Published |
| 2024 | Synthesis and biological evaluation of some Derivatives of (E)-2-Ace OF (E)-2-Acetoxy-5-(Phenyldiazenyl)Benzoic acid For Antibacterial and antifungal activity                                           | African journal of biological science                 | 2663-2187 | Scopus        | Published |
| 2024 | Phytochemical profiling and evaluation of a properties of Annona squamosa and bark ex                                                                                                                    | African journal of biological sciences                | 2663-2187 | Scopus        | Published |
| 2024 | Unveiling the medicinal benefits, contemporary phyto-pharmacological potent and in-silico studies of Achyranthes Aspera                                                                                  | International Journal of Pharmacy and Technology      | 0975-766X | Scopus        | Published |
| 2025 | Identification and selection of potential TNE as anti-encephalitis candidates by using in silico drug design                                                                                             | Discover Chemistry (Springer Nature)                  | 3005-1193 | Peer Reviewed | Published |
| 2025 | A comprehensive review on cardiovascular and chronic kidney disease interplay, exploring biomarkers and algorithmic approaches in unraveling organ crosstalk                                             | Indian journal of Pharmacology                        | 0253-7613 | SCIE          | Published |
| 2025 | In silico Insights Into the Medicinal Potential of Phyllanthus amarus: Phytoconstituents and Therapeutic Applications                                                                                    | Pharmacognosy Research                                | 0976-4836 | ESCI          | Published |
| 2025 | Methanolic composition and <i>In-vivo</i> antidiabetic potential of <i>Trigonella foenum graecum</i> Linn and <i>Ageratum conyzoides</i> L. Streptozotocin-Induced diabetes in albino Wister rats        | Journal of Applied Bioanalysis                        | 2405-710X | SCIE          | Published |
| 2026 | Phytochemical investigation and integrating network pharmacology of <i>Trigonella foenum graecum</i> for antidiabetic potential                                                                          | Indian Journal of Biochemistry And Biophysics         | 0301-1208 | Scopus        | Published |
| 2026 | Computer-aided drug design versus traditional drug development: A comparative perspective in Encephalitis treatment                                                                                      | Letters in Drug Design & Discovery                    | 1570-1808 | SCIE          | Published |
| 2026 | Synthesis, Antibacterial Evaluation, and In-silico Anti-inflammatory Profiling of Isatin Derivatives as Potential Agents for Bacterial Encephalitis                                                      | Combinatorial Chemistry & High Throughput Screening   | 1386-2073 | SCIE          | Published |
| 2026 | <i>In-silico</i> Study of 4,6-Diphenyl-3,4-dihydropyrimidine-2(1H)-thione Derivatives for COX-2 and DHFR: Insights from docking, molecular dynamics and toxicity analysis                                | <i>In-silico Research in Biomedicine</i>              | 3050-7871 | Peer Review   | Published |
| 2026 | Bhooshan Tiwari, "In silico Screening, Molecular Docking, SAR and Toxicity Prediction of Phenyl-Substituted Furoic Acid Derivatives: Potential Dual-Target Candidates targeting GABA and GABAA Receptors | <i>In-silico Research in Biomedicine</i>              | 3050-7871 | Peer Review   | Published |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------|-----------------------|-----------|
| 2026 | <i>Sapindus mukorossi</i> Bio actives: Ethnomedicinal Importance, Pharmacologic Potential and Molecular Docking Analysis                              | Pharmacognosy Research                                | 0976-4836                 | ESCI                  | Published |
| 2026 | Integrated HPLC Profiling and Network Pharmacology Reveal PI3K–Akt–Mediated Antidiabetic Mechanisms of <i>Ageratum conyzoides</i> <a href="#">1</a> . | <i>In-silico Research in Biomedicine</i>              | 3050-7871                 | Peer Review           | Published |
| 2026 | Synergistic Bioactivity of Coumarin-metal Complexes: A Chemical Strategy for Multifunctional Drug Design                                              | <i>Mini-Reviews in Medicinal Chemistry</i>            | 1389-5575                 | SCIE                  | Published |
| 2026 | <i>Sapindus mukorossi</i> : A comprehensive review on the Phytochemistry, Traditional Uses and Pharmacological activity                               | International Journal of Pharmaceutical Sciences      | 0975-4725                 | UGC                   | Published |
| 2026 | Recent Synthesis Advancement of Phthalic Anhydride Analogous on their pharmacological Interest: A comprehensive review                                | <i>Mini-Reviews in Medicinal Chemistry (Accepted)</i> | 1389-5575                 | SCIE                  | Accepted  |
| 2026 | INTEGRATION OF COMPUTATIONAL TECHNIQUES IN RECENT SYNTHETIC METHODOLOGIES: A CRITICAL REVIEW                                                          | AIFP/2026/014                                         | Conference presentation   | - Conference abstract | Published |
| 2026 | ARTIFICIAL INTELLIGENCE AS A TRANSLATIONAL TOOL IN PHARMACEUTICAL SCIENCES: CONNECTING ACADEMIA WITH INDUSTRY                                         | AIFP/2026/025                                         | - Conference presentation | - Conference abstract | Published |
| 2026 | EXPLORING THE ROLE OF COMPUTATIONAL APPROACHES IN MODERN DRUG DISCOVERY: A CRITICAL REVIEW                                                            | AIFP/2026/037                                         | - Conference presentation | - Conference abstract | Published |
| 2026 | Computer-Aided Drug Design versus Traditional Drug Development: A Comparative Perspective in Encephalitis Treatment.                                  | IM-HST/2025/040                                       | Conference presentation   | - Conference abstract | Published |
| 2026 | DURANTA ERECTA: A MULTIFACETED MEDICINAL PLANT WITH PHARMACOLOGICAL, PHYTOCHEMICAL AND ETHNOPHARMACOLOGICAL SIGNIFICANCE                              | LIP/NC-024                                            | - Conference presentation | - Conference Abstract | Published |
| 2026 | Ethnopharmacological Activities in <i>Cassia fistula</i>                                                                                              | International journal of pharmaceutical sciences      | 0975-4725                 | UGC                   | Published |