

**Name: Prof. (Dr.) Suresh Kumar**

**Designation: Dean & Professor**

**School: School of Pharmacy**

**Date of Joining: 20<sup>th</sup> Jan. 2024**

**Highest Qualification: Ph. D. in Pharmaceutical Sciences**



**Faculty's Introduction/Biography:** He serves as Dean & Professor at the School of Pharmacy, Pragjyotishpur University. He is responsible for overseeing academic programs, faculty development, and research initiatives within the school. He is an expert in quality control, phytochemical screening of natural resources, and stability studies of natural drugs, with a background in Pharmacognosy and Phytochemistry. He has taught these subjects for nearly 17 years at Guru Gobind Singh College of Pharmacy, Yamuna Nagar, Lord Shiva College of Pharmacy, Sirsa, and GD Goenka University, Gurgaon, Haryana, India. Prior to assuming his current role in 2024, Dr. Kumar served in academic positions such as professor at GD Goenka University, Gurgaon, Haryana, India.

He holds a Ph.D. in Pharmaceutical Sciences from IK Gujral PTU, Jalandhar, Punjab; M. Pharm. in Pharmacognosy from JSS College of Pharmacy, Ooty, Tamil Nadu (The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu); and B. Pharmacy from Guru Jambheshwar University of Science & Technology, Hisar, Haryana. Life Member of HA/LM-046 Association of Pharmaceutical Teachers of India (APTI), with over 18 years of teaching and industrial experience, he possesses extensive knowledge in identifying, isolating, and precisely evaluating bioactive substances. He has authored numerous research and review articles published in reputed national and international journals, three Books, and five patents, one of which has been granted.

**Research Interests:** Dr. Kumar holds an M. Pharm in Pharmacognosy and a Ph.D. in Pharmaceutical Sciences. His academic and research interests lie in the areas of pharmacognosy and phytochemistry for identifying, isolating, and precisely evaluating bioactive substances.

**Seminar/Workshop/Conferences/FDPS Attended:**

- Participated as a Resource Person and evaluator in AdtU Pharmacon 3.0 international conference on "Empowering Healthcare Wellbeing Towards Achieving Sustainable Development Goals: Research, Innovation, and Industry Academia Partnership" held on 28<sup>th</sup> & 29<sup>th</sup> March 2025 at the Faculty of Pharmaceutical Sciences, Assam down town University, Guwahati, Assam in collaboration with Our Lady Fatima University, Philippines.
- Participated as a Resource Person in Pharma Anveshan 2025 is themed "Entrepreneurship & Startups in Pharma and Pharmacy Practice: Fostering Innovation, Incubation Centres, and Pharmaceutical Startups." held on 9<sup>th</sup> March 2025 at the Institute of Pharmacy, Assam Don Bosco University, Tepesia, in collaboration with Pharmacy Council of India.
- Participated in a one-week outcome-based Faculty Development Programme (OB-FDP) on "Empowering Faculty through Enhancing Teaching Skills in Pharmaceutical Education", from January 02, 2025 to January 08, 2025 at ISF College of Pharmacy, Moga, Punjab.in collaboration with IKG PTU Jalandhar, Punjab.
- Participated in a Five days International Faculty Induction Programme on "Cutting-edge Developments and Future Directions in Pharmaceutical and Health Sciences", from December 17, 2024 to December 21, 2024 at School of Pharmacy, Sharda University, Greater Noida.
- Participated as a Guest of Honors in Pharmagyanav 2024 a national conference on "Convergence of Traditional Knowledge and Advanced Technology for Drug Discovery" held on 20-12-2024 at Pratiksha Institute of Pharmaceutical Sciences, Panikhaiti, Guwahati, Assam.
- Participated in webinar cum workshop on HPTLC and its Significance in Herbal Drug Analysis (Online Hands-on-Demonstration) in association with ANCHROM Enterprises (I) Pvt. Ltd., Mumbai, held on May 13<sup>th</sup>, 2024, at department of Pharmacognosy, college of pharmacy, JSS academy of technical education, Noida, Uttar Pradesh-201301.
- Participated in a One-Month Online National Faculty Induction Programme (Guru Dakshita) organized by UGC-Malaviya Mission Teacher Training Centre (UGC-

MMTTC/GAD-MMTTC), SGTB Khalsa College, University of Delhi held from 13<sup>th</sup> May to 08<sup>th</sup> June 2024.

- Participated in workshop on “Integration of NEP Recommendations & SDG's Indicators in the Academic Curriculum”, jointly organized by G. D. Goenka University, Gurugram and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education held on 15<sup>th</sup> April 2023.
- Participated in APTI associated FDP on "Current trends and futuristic challenges in pharmaceutical and healthcare sector" from 2023-01-09 to 2023-01-13 at School of Pharmaceutical Sciences, CT University, Ludhiana.
- Participated in Inpods FDP on "Advanced concepts of outcomes-based education" from 2022-04-04 to 2022-04-08 at GD Goenka University, Sohna, Gurugram.
- Participated in AICTE-ISTE approved Refresher Programme on "How to plan experimental methodology in pharmaceutical research” from 2022-02-09 to 2022-02-14 at Guru Gobind Singh College of Pharmacy, Yamuna Nagar.
- Participated in AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Drug Engineering" from 2021-06-28 to 2021-07-02 at Delhi Institute of Pharmaceutical Sciences and Research.
- Participated in AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Technological advancement and manufacturing of Biosimilars for Cancer therapy: Present hurdles and Future prospects" from 2021-06-21 to 2021-06-25 at National Institute of Pharmaceutical Education and Research, Hajipur.
- Paper presented in international conference on “REACH, Evolution of Healthcare in Aerospace” 14<sup>th</sup> March, 2020, G D Goenka University, Sohna Road Gurugram.
- Participated in workshop on “Intellectual Property Rights: Issues and Challenges” 21<sup>st</sup> Feb., 2019, G D Goenka University, Sohna Road Gurugram.
- Participated in workshop on “Handling and blood sampling of small laboratory animals” 02<sup>nd</sup> March, 2016, Department of Pharmaceutical Sciences, GJUST, Hisar.
- Participated in National seminar on “Drug Safety and Pharmacovigilance” 06<sup>th</sup> Dec., 2015, Guru Gobind Singh College of Pharmacy, Yamuna Nagar.

- Participated in National workshop on “Handling of sophisticated analytical instruments” 19<sup>th</sup> July, 2014, JCDM College of Pharmacy, Sirsa.
- Poster presented in IPGA 2014 on “Role of Community Pharmacist in Management and Prevention of Antibiotics Resistance”, 12<sup>th</sup> April 2014, IPS, KUK.
- Participated in National seminar on “Analytical Skill Development in Pharmaceutical Research” 22<sup>nd</sup> & 23<sup>rd</sup> September 2012, CT Institute of Pharmaceutical Sciences, Jalandhar, Punjab.
- Participated in Quality Improvement Programme on “Emerging Trends in Natural Product Research”. 23<sup>rd</sup> to 29<sup>th</sup> March 2009, J.S.S. College of pharmacy, Ooty.
- Participated in National seminar on “Trends in pharmaceutical science, practice and education 1-3 may 2008, J.S.S. College of pharmacy, Ooty.
- Participated in Quality Improvement Programme on “Herbal Drug Research- Challenges and Solutions”. 03-15 March, 2008, J.S.S. College of pharmacy, Ooty.
- Poster presented in 59<sup>th</sup> IPC 2007 on “Antioxidant Potential of Root of *Aloe Vera* Linn” and “Comparative Antioxidant studies of various species of *Clerodendrum*”.

### Research Papers:

**Kumar S., kamboj A., Sharma A. K.,** *Fumaria parviflora* Lam. (Fumitory): A traditional herbal medicine with modern evidence; Asian Journal of Pharmacy and Pharmacology, December 2017; 3(6): 200-207.

**Kumar S., kamboj A., Sharma A. K.,** Pharmacognostic standardization of root, stem, leaf and fruit of *Fumaria parviflora* Lam. (Fumariaceae), Asian Journal of Pharmacy and Pharmacology 2018; 4(2): 238-244.

**Kumar S., kamboj A., Sharma A. K.,** Antioxidant evaluation of ethanolic extract of *Fumaria parviflora* Lam. obtained from root, stem, leaf and fruit and measurement of their total Phenols and flavonoids, The Pharma Innovation Journal 2018; 7(4): 577-579.

**Kumar S., Dhingra A. K., Chopra B., Dass R.,** Promoiety: A versatile tool for improving drug acceptability, Innovations in Pharmaceuticals and Pharmacotherapy 2019, 7(1): 1-6.

**Kumar S., Dass R.,** Standardization of Several Commercial Polyherbal Formulations

Containing *Withania somnifera* Linn., Pharma Research Bulletin 2019; 1(1): 13-22.3.

**Kumar S.**, A Sharma, G Kapoor, R Bhutani, D Sharma, S Chettri, Evaluation of medication/drug use rationale and impediments due to influencing perception of self-medication, Journal of Pharmaceutical Negative Results 2022, 2329-2336.

**Kumar S.**, A Pattanaik, S Giri, D Mohanty, PK Pasayat, D Kumar, D Sharma, Design, preparation and in vitro evaluation of papaverine transdermal patches, Journal of Pharmaceutical Negative Results 2023, 1324-1329.

**Kumar S.**, Kumar R., Comparative study of *Withania somnifera* L. herbal formulations by HPTLC method, European Journal of Biomedical and Pharmaceutical sciences 2023; 10 (1), 380-382.

**Kumar S.**, et al., Peptide and protein development using lipid nanocarrier delivery system, European Chemical Bulletin, 2023, 12(4), 14027-41.

**Kumar S.**, et al., An update on herbal products for the management of inflammatory bowel disease, Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry, 2023, 22(1), 1-9.

**Kumar S.**, et al., Nanostructured Lipid Carrier Development and Optimization for Schizophrenia: A Psychological Study, Journal for ReAttach Therapy and Developmental Diversities, 2023, 6(2), 510-526.

**Kumar S.**, et al., Deciphering the Therapeutic Applications of Nanomedicine in Ovarian Cancer Therapy: An Overview, Current Drug Delivery, 2024.

**Kumar S.**, et al., Comparative antianxiety activity evaluation of aerial parts of *Nepeta cataria* Linn, *Costus speciosus* Koen and *Jasminum mesnyi*, BEPLS, 13, 2023, 266-271.

Kumar R, **Kumar S.** In-Vitro Antioxidant Activity of Methanolic Extract of *Melia Azedarach* and *Azadirachta Indica* Seeds, Innovations in Pharmaceuticals and Pharmacotherapy (IPP) 2023, 11 (4).

Kumar R, **Kumar S.** Synthesis, Antimicrobial Evaluation and Docking Study of Schiff Base of 2-Chloroacridone, World Journal of Pharmaceutical Research, 2023, 12 (18), 956-964.

Kumar R, **Kumar S.** Synthesis and Antimicrobial Evaluation of Schiff Base of N-(Acridin-9(10h)-Ylidene)-Substituted Aniline, World Journal of Pharmacy and Pharmaceutical Sciences, 2023, 12 (10), 1271-1277.

Saini M, **Kumar S.**, Jhawar V, Dass R. Design Strategies for Improving Oral Bioavailability of Tizanidine: Solid Dispersion Approach. International Journal of

Drug Delivery Technology. 2024;14(3):1708-1715.

Saini M, **Kumar S**, Jhawar V, Dass R. Design Approaches for Enhancing the Bioavailability of Tizanidine Via Co-Crystal Formulation. Latin American Journal of Pharmacy. 2024;43(8):33-48.

**Kumar S.**, et al., Integrative Approaches to Depression: A Comparative Review of Allopathic and Phytochemical Therapies and Their Challenges, with Reference No. "BMS-CFF-2024-93" Accepted.

**Kumar S.**, kamboj A., Sharma A., Isolation, Characterization of Phytochemical Compound and Hepatoprotective Evaluation of *Fumaria parviflora* Lam. under communication.

#### **Book/Book Chapters:**

- Practical biochemistry for pharmacy students, Lap Lambert Academic Publishing, ISBN 978-620-6-15713-7, (**Kumar S.**, and Kumar R., 2023).
- A Text Book of Pharmacy Practice, R K Publisher, ISBN 9788119140329, (**Kumar S.**, Sharma D., Varshney H. M., 2023).
- Healing the Flames-Unraveling the Molecular Secrets of Burn Wound Healing, Xpress Publisher, ISBN 9798890674180, (**Kumar S.**, Malik P., Bhatia N., Nidhi, 2023)
- Quality control methods for herbal medicines, Dutt, R., Keservani, R.K. Sharma, A.K., and Garg, V., (Eds), Promising Drug Molecules of Natural Origin, Apple Academic Press, New Jersey, USA. (Sharma D, **Kumar S.** and Thakur S.K., 2020).
- Health benefits of nutraceuticals in Gout patients, Sharma D., Sharma, A.K., (Eds), Nutraceuticals and Bone Health, CRC press, Taylor & Francis, Apple Academic Press, New Jersey, USA, (**Kumar S.**, Dhingra A., Chopra B., and Dass R., 2022).
- Hydrogels in drug delivery: Technical aspects and applications, Monika Gulia, (Editor), A Text Book of Drug Delivery System (A Comprehensive Textbook on the Advancement of Drug Delivery Systems), Universal Book House Aligarh (Ume, **Kumar S.**, 2022).
- Novel Drug delivery systems with special emphasis on Niosomes, SLNPs, and

Micelles, Monika Gulia, (Editor), A Text Book of Drug Delivery System (A Comprehensive Textbook on the Advancement of Drug Delivery Systems), Universal Book House Aligarh (Nisha, **Kumar S.**, 2022).

#### **Award/Recognition/Achievement/Fellowship:**

- Lifetime membership of Association of Pharmaceutical Teachers of India (2-06-2005).
- Lifetime membership of Haryana state Pharmacy Council, Panchkula (2005).
- Best Teacher Award (25-09-2006) as a certificate of merit and cash Award for producing outstanding result in the subject of Pharmacognosy at JCD Vidyapeeth, Sirsa, 125055, Haryana.
- Awarded Certificate of Excellence for Reviewing the International Journal of Pathogen Research, for recognition of an outstanding peer review contributions (14-12-2024).
- Awarded Certificate of Excellence for Reviewing the Asian Journal of Biochemistry, Genetics and Molecular Biology, for recognition of an outstanding peer review contributions (14-02-2025).

#### **Work Experience:**

- Presently, I am working as Dean & professor in **Pragjyotishpur University, Guwahati**, from Jan., 20, 2024 to till date.
- Five years and four months teaching experience in **G. D. Goenka University, Sohna, Gurugram**, from Sep., 12, 2018 to Jan., 19, 2024.
- Four years teaching experience in **Lord Shiva College of Pharmacy, Sirsa**, from Aug.,01, 2014 to Sep., 11, 2018.
- Four years teaching experience in **Guru Gobind Singh College of Pharmacy, Yamuna Nagar**, from July, 21, 2010 to July, 31, 2014.
- One year and two months teaching experience in **Himalayan Institute of Pharmacy, Kala Amb (H.P.)** from April, 27, 2009 to July, 20, 2010.
- One year and ten months teaching experience in **JCD Diploma college of Pharmacy, Sirsa**, from Aug, 01, 2005 to June, 18, 2007.
- One year and one month as manufacturing chemist experience in **Tychem Plus India** from July, 01, 2004 to Aug, 01, 2005.

- One-week practical training on “**Plant Tissue Culture Techniques for the Production of Phytometabolites**” at the Tissue Culture Laboratory, Dept. of Horticulture and Plantation Crops, RRC, HAU, Uchani, Karnal, Haryana.
- Eight days practical training on “**Plant Tissue Culture Techniques for the Production of Phytometabolites**” at the Tissue Culture Laboratory, Dept. of Horticulture and Plantation Crops, Govt. Botanical Garden, Ooty.

**Contact Details:**

E-mail: *sop@pju.edu.in*

Phone No: *Request via email*