

Dr. SAURABH SRIVASTAVA

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Google Scholar Link:

https://scholar.google.com/citations?hl=en&user=5BoD5XwAAAAJ&view_op=list_works&sortby=pubdate

Total Publications: 190, Citations: 4120, h-index: 31, i10-index: 125

**EXECUTIVE SUMMARY**

Technically skilled pharmaceutical research professional; experienced in novel and innovative platform technologies, Product development, Research operations and Project management with strong understanding of all the support functions including Business needs, Intellectual property and Regulatory requirements. Proficient competency with comprehensive end to end experience of product development cycle. Proven track record of achievements in pharmaceutical product development and Technology transfer for global regulated markets. Leading the transformational novel research concepts towards industrial viability and availability of the same to the mankind through utilization of technical expertise with potential interpersonal and management skills.

PROFESSIONAL SYNOPSIS

- Experienced pharmaceutical researcher with holistic formulation development understanding of various dosage forms from concept to approval including novel and differentiated platform technologies.
- Profound research and industrial experience in discrete Novel Drug Delivery Systems, Differentiated formulations 505b (2), Generic formulation development, Scale-up and technology transfer activities.
- Actively involved in industrially viable Micro and Nanotechnological targeted drug delivery systems emphasizing over Cancer therapeutics, Neurodegenerative/Dermal disorders and Nutraceuticals.
- Clear understanding of complexities around the product development cycle including IP, Regulatory, Pharmacokinetics followed by differentiation of the product to address unmet clinical needs.
- Decent awareness of appropriate legislation i.e. ICH, USFDA regulations, over product development and Stability requirements, ensuring compliance and implementation of the guidance.
- Managing and monitoring team performance through technical knowledge sharing, timely feedbacks, ensuring increased team productivity and quality.
- Proficient Communication and Project management skills, Presentation abilities, Leadership skills and Strategic approach to work.

INDUSTRIAL/ACADEMIC EXPERIENCE

Over 17+ years of Academic and Industrial research experience in establishing Novel Drug Delivery Systems, Differentiated [505b (2)] & Complex generic formulations through Innovative platform technologies for Cancer, Dermal and Neurological disorders. Proven track record of establishment and technology transfer of various Oral, Dermal & N2B Drug Delivery Systems utilizing Micro/Nanostructured carriers and Nanobiology.

Associate Professor, Department of Pharmaceutics

National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad

(Jan 2020-Till Date)

- Area of research interest includes development and optimization of industrially viable, feasible and scalable "Differentiated formulations" (505(b) 2 for "Bioavailability enhancement", "Food effect minimization", "Repurposing/New Indication", "Synergism for FDCs", "Dose/Dosing frequency reduction".
- Major therapeutic area of research includes "Neurodegenerative disorders", "Dermal diseases", "Colon targeting/GI disorders" and "Prostate/Breast/Skin Cancer" through Nanotechnological approaches.
- Formulation development of poorly water-soluble drugs using novel platform technologies for enhancement of solubility, bioavailability, and therapeutic efficacy.
- Actively involved in research contribution through utilization of "Micro/Nanostructured" Targeted drug deliveries along with "Novel platform technologies", including "Amorphous solid dispersion", "Fluidized bed processing", "Particle coating" (Wurster process), "Pellet based controlled drug deliveries", "Compression coating", Multiple Unit Particulate Systems (MUPS), Osmotic drug deliveries and Lipid-based drug carriers

Tech Lead, Differentiated Formulations

Dr. Reddy's Laboratories Limited, Hyderabad

(June 2012-Dec 2019)

- Led a team of research scientists working on projects of "Differentiated Formulations" (505(b) 2; NDA) for regulated markets with hands-on experience of various "Novel/Complex Drug Delivery Systems".
- Pivotal role player for the filing of INDs/NDAs through "Bioequivalence (BE) and Clinical Trial (CT) routes along with Pre-IND/NDA briefing package readiness.
- Instrumental in the supply of "Clinical Trial Samples" for various stages of CT Studies, along with freezing of Specifications and monitoring of Stability data for the CT batches/Registration batches.
- Industrious worked on various technologies including "Compression coated (Tab-in-tab) dosage forms", "Extended Release MUPS/Score Tablets", "Pellet Based Controlled/Targeted Drug Deliveries" "Spray Dried Microparticulate systems", "Lipid Based Drug Carriers" and "Gastroretentive" Systems,
- Efficiently developed and optimized "Osmotic drug delivery systems", Oral polymeric dental gels and "Extended-release Oral suspension/Mini-tablets" for pediatric population.
- Design and execution of formulation development strategies as per "QbD design".

- Execution of reproducible “Pilot Scale-up/Exhibit batches” of optimized formulations.
- Designed the strategies for improvement of solubility of poorly water soluble NCEs with hands-on experience over “Fluid bed processor” (Glatt), “Spray drying processes”, “Granulation technologies”, “Particle coating” (Wurster process) with various Novel release controlling polymers.

Noteworthy Credits: Industrial Tenure

- Successful execution of “**Pilot Scale-up/Exhibit batches**” of optimized extended-release formulation of “Ergot alkaloid derivative” used for senile dementia at GMP manufacturing facility in **China**.
- Successful filing of “**Clinical Trial Application**” (CTA), with the “China Food and Drug Administration” (CFDA) for extended-release dosage form.
- Development of Extended release “Compression Coated Tablets” for Plaque Psoriasis utilizing **NCE**, in collaboration with Global CMOs for “**Phase-III Clinical trials**”.
- Establishment of “**Classical Bioequivalence**” for Once-a-day Extended release, Pelletized dosage form of “**Retinoid**” for Nodular Acne through Amorphization/Supersaturation, which could be administered without regard of meals.
- Development optimization and “**Proof of Concept Establishment**” through “**Osmotic Drug delivery systems**” for a Novel drug treating rheumatoid arthritis (JAK Inhibitor).
- Development optimization of once-a-day extended-release, pelletized solid dispersion of an antifungal drug to improve the “**Bioavailability**” and reduce the “**Variability**” through Amorphization/Supersaturation.

Lecturer, (Pharmaceutics)

Raj Kumar Goel Institute of Technology, Ghaziabad (Uttar Pradesh)

(Jan 2007-Feb 2008)

- Worked as Lecturer (Pharmaceutics), conducting theory and practical sessions at graduate and postgraduate levels.
- Subjects Handled:
 - Post Graduate: “Novel Drug Delivery Systems (NDDS)”, “Dosage form Design”
 - Under Graduate: “Pharmaceutical Technology”, “Industrial Pharmacy”
- Successfully executed the project guidance at postgraduate level.
- Handled Pharmaceutical technology lab set-up, SOP preparations for the key equipments available and maintenance activities of the same.

Research Associate; Wockhardt Research Centre, Aurangabad

(January-December 2006)

- Worked on **ANDA** Projects of “**Novel Drug Delivery Systems**” (NDDS), for the prototype development of extended-release solid oral dosage forms including “**Multiple Unit Particulate System (MUPS)**” for regulated markets (USA).

- Strategy finalization/formulation development and optimization trials of “**Extended-release**” **Matrix Tablets/Pellets** based drug delivery systems.
- Stability/ Pharmacokinetic data evaluation for formulation, development and pilot scale-up batches.

INTELLECTUAL PROPERTY GENERATION: PATENT DETAILS

GRANTED PATENTS: 15

1. SOLUBLE DRUG DELIVERY COMPOSITION FOR LEISHMANIASIS AND METHOD FOR SYNTHESIS THEREOF.

Patent Application No: **202341021653**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

2. PHARMACEUTICAL TOPICAL COMPOSITION COMPRISING ABROCITINIB FOR SKIN MANIFESTATIONS.

Patent Application No: **202341036715**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

3. PHARMACEUTICAL COMPOSITION OF ROFLUMILAST FOR THE MANAGEMENT OF PSORIASIS

Patent Application Number: **202341007380**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

4. PHARMACEUTICAL COMPOSITION OF PIRFENIDONE FOR THE MANAGEMENT OF RHEUMATOID ARTHRITIS

Patent Application Number: **202341013877**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

5. PHARMACEUTICAL COMPOSITIONS FOR OBESITY MANAGEMENT

Patent Application Number: **201941038081**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

6. TOPICAL PHARMACEUTICAL COMPOSITION FOR TREATMENT OF PSORIASIS

Patent Application Number: **202041046470**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

7. PHARMACEUTICAL COMPOSITION OF TOFACITINIB FOR THE MANAGEMENT OF ATOPIC DERMATITIS

Patent Application Number: **202141019173**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

8. PHARMACEUTICAL COMPOSITIONS OF ACOTIAMIDE AND PROTON PUMP INHIBITORS

Patent Application Number: **WO 2020/104955 A1**

Patent Authority: World Intellectual Property Organization (International Bureau)

9. PHARMACEUTICAL COMPOSITIONS FOR MAJOR ADVERSE CARDIOVASCULAR EVENTS

International Application Number: PCT/IB2020/060548

International Publication Number: WO2021/094902 A1

Patent Filing Organization: Dr. Reddy's Laboratories Limited, Hyderabad.

Patent Authority: World Intellectual Property Organization (WIPO-International Bureau)

International Application Published under the Patent Corporation Treaty (PCT)

10. EXTENDED-RELEASE DOSAGE FORM OF METOPROLOL OR SALT THEREOF WITHA NON-SWELLABLE INERT CORE

Patent Application Number: **1600/MUM/2006**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

11. EXTENDED-RELEASE DOSAGE FORMS OF METOPROLOL

Patent Application Number: **US 2009/0208570 A1**

Patent Authority: Bio Intellectual Property Services, LLC, Kernon CT, LORTON, VA 22079,USA

12. MODIFIED RELEASE NICERGOLINE COMPOSITIONS

Patent Application Number: **WO 2017/006290 A1**

Patent Authority: World Intellectual Property Organization (International Bureau)

13. NOVEL SUSTAINED-RELEASE PHARMACEUTICAL COMPOSITION OF BUPROPION

Patent Application Number: **1386/MUM/2006**

Patent Authority: Controller General of Patents Designs and Trade Marks, Indian Patent Office, Government of India.

14. PHARMACEUTICAL COMPOSITIONS FOR TREATING ACNE

Patent Issuer and Number: **US 2017/0340594 A1**

Patent Authority: Bio Intellectual Property Services, LLC, Kernon CT, LORTON, VA 22079,USA.

15. PHARMACEUTICAL COMPOSITIONS OF BUPROPION

Patent Issuer and Number **WO/2008/026044**

Patent Authority: World Intellectual Property Organization (WIPO-International Bureau)

PUBLISHED PATENTS: 03

1. Title of the invention: PHARMACEUTICAL COMPOSITION OF RUXOLITINIB AND SALT THEREOF FOR THE MANAGEMENT OF SKIN MANIFESTATIONS.

Application No.202341025392A

2. Title of the invention: PHARMACEUTICAL COMPOSITION OF ROSUVASTATIN AND SALT THEREOF FOR THE MANAGEMENT OF RHEUMATOID ARTHRITIS.

Application No.202341016632A

3. Title of the Invention: PHARMACEUTICAL NANOPARTICLE COMPOSITION OF PACLITAXEL AND TRANILAST FOR THE MANAGEMENT OF BREAST CANCER.

Application No.202341043123A

APPLIED PATENT: 01

1. Title of the invention: PHARMACEUTICAL COMPOSITION OF BERBERINE AND SALT THEREOF FOR THE MANAGEMENT OF ALZHEIMER'S DISEASE.

Application No.: 202541043952

TECHNOLOGY TRANSFER: (01)

Successful execution of "Pilot Scale-up/Exhibit batches" of an optimized extended-release formulation of "Ergot alkaloid derivative" (**Nicergoline ER Tablets**) used for senile dementia at GMP manufacturing facility of "Kunshan Rotam Reddy Pharmaceuticals" (KRRP), A Joint Venture of **Dr. Reddy's Laboratories, Hyderabad in China.**

COMMERCIAL PRODUCTS: (02)

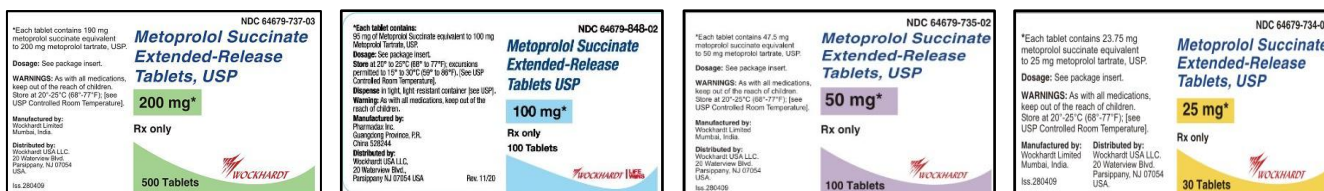
- **Ketorolac Tromethamine Oral Disintegrating Tablets**

✚ [Formulation Scientist for the Commercialized Product @ Dr. Reddy's Laboratories, Hyderabad for Emerging Market]



- **Metoprolol Succinate Extended-Release Tablets**

✚ [Formulation Scientist for the Commercialized Product @ Wockhardt Research Center, Aurangabad for US Market]



GOVERNMENT-AIDED/INDUSTRIAL PROJECTS

ONGOING PROJECTS

- **Principal Investigator:** Government-aided Project funded by “**Indian Council of Medical Research**” (ICMR) New Delhi, titled “Atorvastatin-loaded chitosan nanoparticles-impregnated buccal films for the management of oral carcinoma”, Sanctioned Date: 11-11-2024, **Amount (INR): 80.44 Lakhs.**
- **Co-Principal Investigator:** Government-aided Project funded by “Indian Council of Medical Research” (ICMR) New Delhi, titled “Design and development of a muco-adhesive micelle-based dual drug delivery system for the non-invasive treatment of diabetic cataract and retinopathy”, Sanctioned Date: 27-01-2024, **Amount (INR): 48.3 Lakhs.**
- **Co-Principal Investigator:** Industrial Project funded by M/s Babycue Pvt. Ltd, Odisha titled “Fabrication of prototype microfluidic Paper-based Analytical Devices (μPAD) to be used for Inflammatory bowel disease (IBD) and diarrhoea infections”, Sanctioned Date: 11-01-2024, **Amount (INR): 5.71 Lakhs.**
- **Co-Principal Investigator:** Industrial Project funded by M/s Thremear Pvt. Ltd, Chennai titled “Fabrication, Optimization and Testing of prototype lateral flow assay to be used for Hormones and Biomarker detection in Menstrual Blood”, Sanctioned Date: 11-11-2024, **Amount (INR): 3.15 Lakhs.**

COMPLETED PROJECTS

- **Principal Investigator:** Industrial Project funded by IITPL, Mumbai entitled “Development, Optimization and Characterization of Polymeric Nanocarrier system towards the establishment of drug-eluting balloon for the management of atherosclerosis”, Sanctioned Date: 06-06-2023, **Amount (INR): 19.42 Lakhs.**
- **Principal Investigator:** DRDO, Govt. of India funded project titled “Development, evaluation and characterization of hydrophobic nanoparticles impregnated fabrics to be assessed as dress materials for defence”, Sanction Order No.: DRL/1205/TC, Sanctioned Date: 03-11-2020, **Amount Received (INR): 9.9 Lakhs.**
- **Principal Investigator:** Industrial project funded by NBI Life Sciences, Gurugram, titled “Development and evaluation of oral drug delivery systems for colon targeting of drugs for the local & systemic actions”, Sanction Order No.: NBI/R&D/SLIDD/011, Sanctioned Date: 10-04-2021, **Amount (INR): 8.26 Lakhs.**
- **Principal Investigator:** Industrial Project funded by Incozen Laboratories, Hyderabad, entitled “Development and Evaluation of Liposomal Formulation of Irinotecan”. Sanctioned Date: 14-12-2022, **Amount (INR): 13.28 Lakhs.**
- **Co-Principal Investigator:** Industrial Project funded by Epigeneres Labs, Mumbai, entitled “Troubleshooting of Herbal Powder Formulations”, Sanctioned Date: 13-10-2021, **Amount Received (INR): 2.59 Lakhs.**
- **Co-Principal Investigator:** Industrial Project funded by Epigeneres Labs, Mumbai, entitled “Design and development of herbal formulation to improve flow properties”. Sanctioned Date: 10-03-2022, **Amount (INR): 5.54 Lakhs.**

EXTERNAL EXAMINERSHIP (EMR PROJECTS/PHD THESIS)

- Appointed as “**Examiner and Reviewer**” of “**Department of Biotechnology**” (DBT), for the submitted Project Proposals for various schemes of DBT. **(May 2025, Nov. 2024)**
- Impaneled as “**Examiner and Reviewer**” of **Council of Science & Technology, UP** for the submitted Project Proposals for various schemes of CSTUP. **(May 2025)**
- Impaneled as “**Examiner and Reviewer**” of “**Indian Council of Medical Research**” (ICMR), for the review of Project Proposals for various schemes of ICMR. **(May 2025, Jan. 2025)**
- Impaneled as Member of the Panel of “**Biotechnology Industry Research Assistance Council**” (BIRAC) for review of Submitted Industrial Project titled “Scaling Next-Generation Effective and Safe Lipid Nanoparticle LNP Platforms for Precision Medicine: from Lab Scale to Commercial Scale –BT/SBIRI2875/55/24” for the Funding scheme “Small Business Innovation Research Initiative” (SBIRI) of BIRAC. **(April 2025)**
- Impaneled as “**Member of the Selection Committee**” for selecting Scientists at **CSIR-Indian Institute of Chemical Technology (IICT)**; on 07-09-2023.
- Impaneled as “**External Examiner**” for the **Ph.D. Thesis Evaluation** of various prestigious institutes.
 - Indian Institute of Technology (IIT), Madras.

- Indian Institute of Technology (IIT), Hyderabad.
- Birla Institute of Technology & Science (BITS), Pilani.
- Institute of Nanoscience and Technology (INST), Mohali, Punjab.
- Jawaharlal Nehru Technological University (JNTU), Kakinada, Andhra Pradesh.
- NIRMA University, Ahmedabad.
- Gandhi Institute of Technology and Management (GITAM), Gandhi Nagar, Visakhapatnam, Andhra Pradesh.
- University of Hyderabad (UoH), Telangana, India
- M.S. Ramaiah University of Applied Sciences, Bangalore
- University Institute of Pharmaceutical Sciences (UIPS), Panjab University, Chandigarh.
- National Forensic Sciences University (NFSU), Gandhinagar
- Andhra University, Vishakhapatnam.
- Lovely Professional University, Phagwara, Punjab
- Integral University, Lucknow
- Manipal College of Pharmaceutical Sciences, MAHE, Manipal, Karnataka, India

CONSULTANCY PROJECTS

- Executed Interviews as a Panel member of TTO employees for promotion/ upgradation at Dr. Reddy's Laboratories, Hyderabad. (October 2020)
- Panel member of "Expert Working Group" of the "Indian Pharmacopoeia Commission" (IPC), Ghaziabad, INDIA for Anti-retroviral Drugs and Fixed Dose Combination. (January 2023)

AWARDS/RECOGNITION/APPRECIATION

- Impaneled as a **Member; Scientific Committee (Soth Zone)** for "**Dissolution Research Presentations International (DRPI)**" 2025 a competition for Early-Stage Pharmaceutical Researchers, Organized by "**Society for Pharmaceutical Dissolution Science (SPDS)**" on Sep. 20-21, 2025.
- Recognized in **Stanford University's** Prestigious World's "**Top 2% Scientists**" List for the year 2024.
- Awarded with the Prestigious "**Education Research & Development Association (ERDA) Excellence Award-2024**" for Technical and Scientific Research Contribution on 14th December 2024.
- Awarded as "**FELLOW MEMBER**" of the Prestigious "**Education Research & Development Association (ERDA)**"; towards the Recognition of Contribution towards Scientific and Educational Research on 11th November 2024.
- Awarded as "**FELLOW**" of the Prestigious "**Telangana Academy of Sciences**" (**TAS**); towards the Recognition of Contribution to Science and Technology. The Induction Ceremony happened on 13th August 2024 at CSIR-National Geophysical Research Institute (NGRI), Hyderabad.

- Awarded as **"Life-Member"** of **APTI (Association of Pharmaceutical Teachers of India)** TL/LM-1324, Dated - 01/Aug/2024.
- Awarded with **"CLAUDIUS GALENUS DISTINGUISHED INTERNATIONAL EDUCATION & RESEARCH EXCELLENCE AWARD 2024"** In recognition of "Pharmaceutical Innovation and Translational Research" from the "International Multidisciplinary Research Foundation (IMRF) Executive Council on the eve of "UNITED NATIONS PUBLIC SERVICE DAY 2024".
- Awarded with Appreciation certificate from **"Controlled Release Society" (CRS)**, for acting as "Speaker" for Local Chapter Webinar. June 27, 2024.
- Awarded with the Prestigious **"Dr. Sarvepalli Radhakrishnan Excellence Award 2023; in Pharmaceutical Education & Research"** from The Council of Center for Professional Advancement on the Eve of Teacher's Day, 2023.
- Impaneled as **Zonal Member (South Zone)** in **"Dissolution Research Presentations India (DRPI)-2022**, A Scientific Research Oral Presentation Competition for Young Pharmaceutical Researchers across Academia and Industry, organized by SPDS in association with AAPS and APTI. (9-16 July 2022)
- **Jury Member** for 3rd National Biomedical Research Competition, 2021. (**NBRCOM-2021**), Under the aegis of the Society of Young Biomedical Scientists, India. (December 6-10, 2021)
- Received **"Best Poster"** Certification from "IPDO Leadership, Dr. Reddy's Laboratories", for **"Outstanding Scientific Research Presentation"**. (DRL, BRaIN Science Day, December 2020)
- Received **"Certificate of Appreciation"** from "IPDO Leadership, Dr. Reddy's Laboratories", for **"Best Project-Robust Product/Process Development"**. (DRL, All Hands Meet-April 2019)
- Received **"Certificate of Appreciation"** from "IPDO Leadership, Dr. Reddy's Laboratories", for **"Successful Pre-Validation of Higher Commercial Batch Size"**. (DRL, All Hands Meet-September 2018)
- Received **"Special Recognition Award"** from "Dr. Reddy's Laboratories", as member of "Team Innovative Formulators, Proprietary Products" in recognition of efforts towards converting innovative product ideas into early and late stage of product development at **"Proprietary Products iAwards"** (Hyderabad, July 23, 2014)
- **Foreign Travel Grant** from "CSIR-New Delhi for presenting the research work in **"AAPS Annual Meeting and Exposition"** held at Los Angeles, CA, USA. (November 8-12, 2009)
- Awarded **"Senior Research Fellowship"** from **"Council of Scientific and Industrial Research" (CSIR), Ministry of Science and Technology**, New Delhi, INDIA. (January 2008)

KEYNOTE SPEAKERS/INVITED TALKS/PANEL DISCUSSIONS

- Invited as **"Guest Speaker"** in **Journées Galéniques, The Asia Chapter of "Gattefossé"**, to deliver a talk on **"Formulating the future of Generics: From Innovation to Implementation"**, Organized By Gattefossé, India on 13-15 October 2025.

- Delivered a talk as a **“Resource Speaker”** titled **“Industry Academia Relationship: Bridging the Gap ”** in a **“3Weeks Industrial Training Programme”** organized by NIPER-Hyderabad, 28th April-16 May 2025.
- Organized and Attended the International Conference on **“Innovative Processes for Bulk Drugs” (IPBD)**, at NIPER Hyderabad, March 27-28; 2025.
- Organized and Attended the International Conference on **“Drug Discovery, Delivery & Diagnostics (ICD4)”** at NIPER Hyderabad, August 9-10; 2024.
- Delivered a talk as an Invited Speaker titled **“Topical Delivery of Tofacitinib Nanoemulgel for the Management of Atopic dermatitis”** in **“Controlled Release Society” (CRS)**, “India Chapter” for Local Chapter Webinar. June 27, 2024.
- Delivered a talk as a Guest speaker titled **“Particle Technologies & Translational Nanomedicine: Lab-to-Life Challenges & Regulatory Perspective”** at the Department of Pharmaceutics, Ramaiah University, Bangaluru on 12th July 2024.
- Delivered a talk as an **“Invited Speaker”** titled **“Solubility and bioavailability enhancement and quality excipients in derma products”** for an industrial seminar on **“Application of Carbopol® Polymers in Oral Formulations”** organized by Lubrizol Life Science and Arihant Innochem, 15th December 2023.
- Delivered a talk as **“Invited Speaker”** in a one-day National conference on topic **“Current trends in Dosage form design: Academia-Industry Interaction”** organized by Anwarul Uloom College of Pharmacy on 25th November 2023.
- Organized and attended **“NIPER Pharmacon-2023”** an International Conference on **“New Horizons In Drugs, Devices & Diagnostics”** organized by NIPER Hyderabad, September 14-16; 2023.
- Attended a **“Astro pharmacy”** workshop at ISRO Headquarters, Bangalore on 30th May 2023.
- Delivered a talk as **“Invited Speaker”** titled **“Particle technologies for poorly soluble drugs: An Overview”** organized by Merck, on May 18th, 2023.
- Attended **“Chintan Shivir”**, Organized by NIPER-Ahmedabad. May12-13, 2023.
- Organized and attended a High-End Workshop on **“Current Advancements in Nanotechnology-based Drug Delivery, 3D Printing and Cell Culture Techniques”**, Organized by Department of Pharmaceutics; NIPER Hyderabad, pril 12-14, 2023.
- Delivered a talk on **“Translational nanomedicine: bench-to-bedside challenges”** in industry-sponsored faculty development program organized by RBVRR Women’s College of Pharmacy. On April 10th, 2023.
- Delivered a talk as **‘Invited Speaker’** at the **“2nd IndiGlobal Education Festival (IGEF)”**, sponsored by IndiGlobal Media Network; in Hyderabad on September 16 & 17, 2022.
- Delivered a talk on the topic titled **“Overview of Formulation Development Approaches”** in Novartis India, Hyderabad on 14th September 2022.

- Delivered a talk as **“Invited Speaker”** for Technical seminar titled **“Nanomedicines: Bench-to-Bedside Challenges”**, organized by Gangwal part of Barentz on 15th July 2022 at Hotel Sitara Grand.
- Delivered a talk as **“Invited Speaker”** titled **“Nanomedicine: Academia, Industry and Regulatory Bridging”** for High end workshop (Karyashala) on **“Solid State Characterization of Pharmaceuticals: Theory and Hands-on Experience”** Sponsored by SERB-DST under Abhyaas Scheme, 6-15 June 2022.
- Delivered a talk on **“Reconnecting Physiology and Nature for Healthy Life”** in 9th International e-Conference of Federation of Indian Physiological Societies (FIPS)-2022. March 25-27, 2022.
- Delivered a talk in the Symposium titled **“NIPER-Industry Connect”**, to showcase the potential and capabilities of NIPER Hyderabad and further bridging the relationship between NIPER and various Industries. October 18, 2021.
- Delivered a talk titled **“Bridging the gap: Academia, Industry and FDA Convergence for Nanomaterials”** in Faculty Development Program (FDP) on **“New Dimensions of Teaching Learning Practices in Pharmaceutics”** conducted by GITAM University, Vishakhapatnam & sponsored by AICTE-ATAL Academy, New Delhi. 20-24 September 2021.

SEMINARS/CONFERENCES/WORKSHOPS

(ORGANIZED & ATTENDED)

- Conducted and attended an International Conference on **“Drug Discovery, Delivery & Diagnostics (ICD4),** Organized by NIPER-Hyderabad on 9-10th August 2024.
- Conducted and attended Workshop on **“Hands-on Experience on Instrument and Techniques for 3D Bio-Printer, Cell culture and Nanotechnology Based Drug Delivery”**. March 2-4, 2022.
- Organized and attended an International Conference on **“NextGen Therapeutics & Diagnostics Concept to Commercialization”**, conducted by NIPER Hyderabad, 20-22 April 2022.
- Organized and attended the Symposium **“NIPER-Industry Connect”**, to showcase the potential and capabilities of NIPER Hyderabad and further bridging the relationship between NIPER and various Industries. October 18, 2021.
- Attended a seminar titled **“Drugs for Rare Diseases: Contribution to Developing Countries”** has been attended. December 8, 2021.
- A Symposium on **“NIPER-Academia connect”** has been Organized/Attended to cater out the bridging between NIPER Hyderabad and other potential academic institutions. January 07, 2022.
- Organized and attended two day’s workshop entitled **“Hands on experience on instrument and techniques for nanotechnology based drug delivery”** sponsored by pharmaceutical promotion development scheme (PPDS). March 22-23, 2021.
- Organized and attended a Webinar on **“Molecules to Therapeutic Discoveries Development of Non-addictive and Safer Pharmacotherapy for Treating Neuropathic Pain”**. From Northeastern University, Located in Boston, Massachusetts, USA. March 4th, 2021.

- Organized and attended the guest talk on **“Indian Pharmacopoeia commission and Indian Pharmacopoeia’s relevance in the present context”**. December, 28, 2021.
- Organized and attended an Online Workshop on **“Industrial Implication of Artificial intelligence, Machine learning, Data Analytics and Nanomedicine in R&D innovations”**. July 30 & 31, 2020.
- Organized and attended the Guest talk on **“Lead Self to Survive and Thrive”**, 7th March, 2020.
- Organized and attended the Guest talk on **“Journey & Experiences of Entrepreneurship”**, 7th March, 2020.
- Organized and attended the talk on **“Driving Innovation in R&D through Data Analytics”**, 28th February, 2020.
- Participated in **Two day National Conference of “Applied Pharmaceutical Analysis (APA)-India”**, Held at Goa, India. (Feb. 24-26, 2019)
- Participated in **Three-day Coating Workshop of “Evonik India” on “Usage and Applications of EUDRAGIT Polymers”** Held at Mumbai. (November 23-25, 2016)
- Attended **Two-day Workshop of “Colorcon Formulation School”**, Held at Verna, Goa. (August 10-12, 2015).
- Participated in One day National Seminar of **“Evonik India” for “The Therapeutic Future with Pharma Polymers”** at Hyderabad. (August 03, 2012)
- Presented Poster entitled **“Biodegradable Polymeric Microspheres for Prolonged Release of Stavudine”** at 2009 Annual Meeting and Exposition, in Los Angeles, CA, USA. Organized by **“American Association of Pharmaceutical Scientists” (AAPS)**. (November 8-12, 2009), (Abstract No. AM-09-02046, Published in AAPS Journal, 2009, Vol. 11, Supplement S2)
- Presented Poster entitled **“Micro-structured Biodegradable Polymeric Matrix System for Prolonged Release of Stavudine”** at Polymer Congress (APA-2009) on “Polymer Science and Technology: Vision & Scenario” IIT Delhi, INDIA. (Abstract No. A-407)
- Participated in **“Seminar on Intellectual Property Rights”**, Organized by IPR cell of Centre for Industry Institute Partnership Programme (CIIPP), Panjab University, Chandigarh. (April 28, 2009)
- Presented poster entitled **“Multiple Unit Particulate System (MUPS) Based Drug Delivery for Colon Targeting”** at **“National Conference on Innovations in Drug Discovery and Research”**, Punjabi University, Patiala, INDIA. (March 3-5, 2009)
- Delivered oral presentation entitled **“Inclusion Complexation of Etodolac with Cyclodextrins: Formulation, physicochemical Characterization and Evaluation”** at **“National Conference on Innovations in Drug Discovery and Research”**, Punjabi University, Patiala, INDIA. (March 3-5, 2009)
- Presented poster entitled **“Hydrophilic Matrix Based Controlled Drug Delivery of Duloxetine Hydrochloride”** at 13th **ISCB International Conference**, at University of Delhi, INDIA. (February 26th - March 1st 2009)
- Presented poster entitled **“Pharmacokinetic Evaluation of Controlled Release (CR) Parenteral Depot Systems of Ketorolac Tromethamine in Rabbits”** at 9th International Symposium of **Controlled Release Society (CRS-Indian**

Chapter), at Mumbai, INDIA. (February 25-26, 2009)

- Participated in the 78th “**Annual Session of The National Academy of Sciences**”, India, at Panjab University, Chandigarh. (November 21-23, 2008)
- Attended National “**Seminar for Lecturers and Senior Lecturers**”, at Panjab University, Chandigarh. (March 29th 2008)
- Participated in Second National “**Chandigarh Science Congress**” (**CHASCON**), at Panjab University, Chandigarh. (March 14 & 15, 2008)
- Participated in National Seminar of U.S. Pharmacopeial Forum, for “**Effectively Using the USP- NF & Fundamentals of Dissolutions**” at GOA. (October 4-5, 2006).

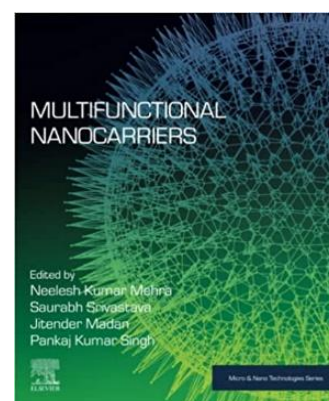
EDITED BOOKS/BOOK CHAPTERS

EDITED BOOKS: 04

1. Multifunctional Nanocarriers: Concept, Theory and Applications.

Editors: Neelesh Mehra, Saurabh Srivastava, Jitender Madan, Pankaj K Singh.

- **Publisher:** Elsevier - Health Sciences Division (25 August 2022)
- **ISBN-10:** 0323850413
- **ISBN-13:** 978-0323850414
- **Purchase Link @ Amazon e-commerce:** <https://amzn.eu/d/7qTzmlp>



2. Concepts of Combating Chemoresistance in Cancer Therapeutics

Editors: Goel H, Srivastava S, Singla R & Talegaonkar S

Publisher: Elsevier

Status: Publication Under Process; (**Publication Year:** 2025)

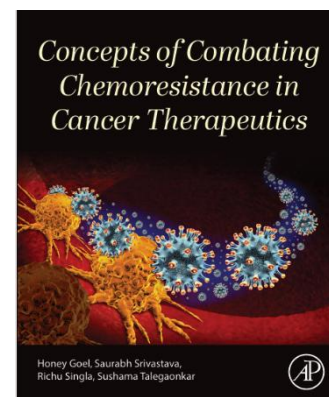
3. Revolutionary Advances in Nanofiber and Microneedle Technologies for Biomedical Research

Bridging Science and Applications of Nanotherapeutics.

Editors: Saurabh Srivastava

Publisher: Springer-Nature

Status: Publication Under Process; (**Publication Year:** 2025)



4. Revolutionizing Diabetes Care: Advances in Pathophysiology, Nanotherapeutics, and Holistic Approaches

Editor: Saurabh Srivastava

Publisher: Springer-Nature

Status: Publication Under Process; (**Publication Year:** 2025)

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1. Regulatory Aspects of Antioxidants. Kiran Kumar Bellapu, Tejaswini Mergu, Nikhil Vinod Shirsath, Pooja Anil Shende, Pavankumar Yashvantrao Vasu, Deepak Jindal, Parul Grover, **Saurabh Srivastava**, Rakesh K. Sindhu, Sandeep Kumar. 2024. In: Rakesh K. Sindhu, Inderbir Singh, M. Arockia Babu (eds); Antioxidants: Nature's Defense Against Disease. Scrivener Publishing LLC. <https://doi.org/10.1002/9781394270576.ch19>.
2. Healing with Precision: Nanofibers in Tissue Regeneration. Jain A., Priyadarshinee A., Shinde S., Kolipaka T., Pandey G., **Srivastava S.**, In Srivastava S, Bansal A., Raghuvanshi R.S., (eds) "Revolutionary Advances in Nanofiber and Microneedle Technologies for Biomedical Research: Bridging Science and Applications of Nanotherapeutics", Springer Singapore. **(In-Press)**
3. Microneedles in Diabetes Management: A Technological Breakthrough. Puri N., Sahane P., Khairnar P., Phatale V., and **Srivastava S.**, In Srivastava S., Bansal A., Raghuvanshi R.S., (eds) Advances in Nanofiber and Microneedle Technologies for Biomedical Research: Bridging Science and Applications of Nanotherapeutics", Springer Singapore. **(In-Press)**
4. Minimally Invasive Injectable Hydrogels. Wagh S., Khairnar P., Pandey G., Phatale V., and **Saurabh Srivastava**. In Malakapogu R B., (eds) Transdermal Applications of Minimally Invasive Drug Delivery Systems, Springer Nature **(In-Press)**
5. Pellets. Khairnar P., Kolipaka T., Pandey G., Phatale V., and **Srivastava S.**, In Singh A., Kulhari H.,& Saharan V A. (eds) Formulating Pharma-, Nutra-, and Cosmeceutical Products from Herbal Substances, Wiley VCH-books **(In-Press)**
6. Introduction to minimally invasive drug delivery systems (MI DDS), Tejaswini Kolipaka, Etikala Amulya, Ganesh Vambhurkar, Shalini Shukla, and **Saurabh Srivastava**, In Malakapogu R B., (eds) Transdermal Applications of Minimally Invasive Drug Delivery Systems, Springer Nature **(In-Press)**
7. Exosome-Based therapeutics in neurological disorders. Priyadarshinee A., Jain A., Etikala A., Phatale V., Kolipaka T., Sikder A., and **Saurabh Srivastava**, In Pradhan M., Yadav K. (eds) Exosome Therapies: From Bench to Bedside in Chronic Disease, **Taylor and Francis (In-Press)**
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THESIS SUPERVISION @ NIPER HYDERABAD

Ph.D. Thesis Supervision:

Completed: 04; Ongoing: 11

MS Thesis Supervision:

Completed: 40; Ongoing: 16

ADMINISTRATIVE ROLES & RESPONSIBILITIES @ NIPER HYDERABAD

▪ Member; Infrastructure Development Committee (New Campus)	January 2025-Till Date
▪ Director's Three Member Committee (NIPER, Hyderabad)	Nov. 2023- Nov. 2024
▪ Member; Board of Governors (BoG), NIPER, Hyderabad:	November 2022-Till Date
▪ Director of Avishkaran- Foundation for Pharma Innovation; A BioNEST Incubator of DBT:	October 2022-Till Date
▪ Member; Senate, NIPER, Hyderabad:	December 2021-Till Date
▪ Controller of Examinations; NIPER Hyderabad	Jan. 2024-Nov. 2024
▪ Head of Department (Pharmaceutics):	Sep. 2021-Dec. 2023
▪ Head of Department (Regulatory Affairs; I/c)	September 2023-Till Date
▪ Associate Dean (Academics):	March 2020 – Nov 2023
▪ Chairperson: Board of Studies & Research:	March 2020- Nov 2023
▪ Chairperson: Laboratory, Building & Works Technical Committee:	October 2020- Dec. 2023
▪ Co-Chair: Industry Interaction & International Collaboration:	March 2020- Dec. 2023
▪ Member: Placement Committee:	Sep. 2020- Sep. 2024
▪ Member: Scientific Advisory Committee	

Andhra Pradesh MedTech Zone (AMTZ-Vizag):

October 2020-Dec. 2023

- Member: Academic Monitoring Council (AMC):

November 2020-Till Date

EDUCATIONAL QUALIFICATION

- | | |
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| ▪ Ph.D. (Pharmaceutics): UIPS, Panjab University, Chandigarh. | 2008-2012 |
| ▪ M. Pharm.: Birla Institute of Technology and Science (BITS), Pilani, Rajasthan. | 2003-2005 |
| ▪ B. Pharm.: Ram-Eesh Institute of Technology, Greater Noida. | 1999-2003 |

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