

**Prof. (Dr.) GAURAV AGARWAL**

**M.Pharm PhD**

**PRINCIPAL**

Completed 9.75 lakh Inspire–DST project at RPIIT, Karnal in 2018.

### **Recent Publications**

1. Prashant Thakker\*, Jigna Shah, Tejal Mehta, **Gaurav Agarwal** (2020). “Taste Masking of Pharmaceutical Formulations: Review on Technologies, Recent Trends and Patents”. International Journal of Lifescience and Pharma Research. 10(3).
2. Sibghatullah M Khan, Shilpi Agarwal, **Gaurav Agarwal\*** and Jyoti Ghangas (2021). Perioperative Medication Errors: Review on Cause, Consequences and Prevention.(2021).Int J Pharm Sci.12(2), B136-142.
3. Saudagar WS, Sidram GP, Baburo GS, **Agarwal G**, Agarwal S, Gadgeppa BO (2021). Development and Characterization of Terminalia arjuna Phospholipid Complex and Its Tablet Formulation by Qbd Approach. International Journal of Lifescience and Pharma Research.;11(3):P14-28.
4. Dr. Narayan D. Totewad , M.Thamizharasi , Dr. Ritika and **Dr. Gaurav Agarwal** (2022). A Review On Monoclonal Antibodies For The Treatment Of Autoimmune Disorders. Journal of pharmaceutical negative results.; 13(9) P 3123-3129
5. **Dr. Gaurav Agarwal\*** Avhipsha Kar and Dr. Shilpi Agarwal (2023). A Review On Nanostructure Drug Carriers for Treatment and Management of Neuroendocrine Cancer. International Journal of Lifescience and Pharma Research.;14(1), P1-9.
6. **Dr. Gaurav Agarwal\***, Dr. Zubia Ghose, Mayank Patel, Dr.Shilpi Agarwal, Dr Rajiv Singhal, (2023). Understanding emerging trends in the Management of hypertension in chronic kidney disease: A Systematic review Eur. Chem. Bull. 2023, 12(Special Issue 4), 2970-2981
7. Deepika Aggarwal, Kamal \*, Manjusha Choudhary, **Gaurav Agarwal**, Ashish Kumar and Diksha Sharma (2023). Understanding of Phyto-Nanomedicine for the Management of Inflammation and Wound Healing: An Outlook. International Journal of Pharmaceutical Sciences and Research. Vol. 14(10): 4713-4723.
8. **Gaurav Agarwal \*** and Mayank Patel (2023). Review on Monoclonal Antibodies (mAbs) as a Therapeutic Approach for Type 1 Diabetes. Current Diabetes Reviews.

## BOOKS PUBLISHED

S.N O	TITLE OF THE BOOK	NAME OF THE PUBLISHER	ISBN	YEAR OF 1 <sup>ST</sup> EDITION	NAME OF MAIN AUTHOR	NAME OF CO- AUTHOR
1	Pharmaceutics	CBS Publisher, N.Delhi	978-93- 5466-561-5	2023	Dr. Gaurav Agarwal	
2	Pharmacotherap eutics	CBS Publisher, N.Delhi	978-93- 5466-526-4	2023	Mayank Patel	Dr Gaurav agarwal
3	Biopharmaceutic s & Pharmacokinetic s	CBS Publisher, N.Delhi	978-93- 5466-131-0	2022	Jyoti Ghanghas	<b>Dr. Gaurav Agarwal</b>
4	Industrial Pharmacy I	CBS Publisher, N.Delhi	978-93- 54660-40-5	2022	Dr. Gaurav Agarwal	Dr. ATUL KAUSHIK
5	Computer Application in Pharmacy	CBS Publisher, N.Delhi	978-81- 948986-34	2021	Dr Gaurav Agarwal	Parmeet Kaur
6	Pharmacy Practice	CBS Publisher, N.Delhi	978-93- 89941-91-3	2020	Dr. Gaurav Agarwal	
7	Industrial Pharmacy II	CBS Publisher, N.Delhi	978-93- 89688-52-8	2020	Dr. Gaurav Agarwal	Jyoti Ghangas
8	Formulative Pharmacy	CBS Publisher, N.Delhi	978-93- 88725-59-0	2019	Dr. Gaurav Agarwal	Dr. ATUL KAUSHIK
9	Pharmaceutics-I (For B.Pharm)	CBS Publisher, N.Delhi	978-93-879- 6420-4	2019	Dr. Gaurav Agarwal	
10	Pharmaceutics (For D.Pharm)	CBS Publisher, N.Delhi	978-93- 88178-73-0	2018	Dr. Gaurav Agarwal	
11	Introduction to General Pharmacy	CBS Publisher, N.Delhi	978-81-239- 1787-0	2010	Dr. Gaurav Agarwal	
12	Drug Regulatory Affairs	CBS Publisher, N.Delhi	978-81-239- 2881-4	2015	Dr Gajendra Singh	<b>Dr. Gaurav Agarwal &amp; Vipul</b>

<b>13</b>	<b>Pharmaceutical Technology-I</b>	<b>CBS Publisher, N.Delhi</b>	<b>978-81-239- 2294-2</b>	<b>2014</b>	<b>Dr. Gaurav Agarwal</b>	<b>Dr. ATUL KAUSHIK</b>
<b>14</b>	<b>Pharmaceutical Technology-II</b>	<b>CBS Publisher, N.Delhi</b>	<b>978-81-239- 2031-3</b>	<b>2012</b>	<b>Dr. Gaurav Agarwal</b>	<b>Dr. ATUL KAUSHIK</b>

**PATENTS: 1. Development of New Oral Dosage Formulations for Neurological Disorder Patients and Suffering from Oropharyngeal Dysphagia FILE NO: 2021110378.02046**

**2. Preformulation Studies of Super Porous Hydrogels of Metformin Hydrochloride is filled successfully. File number: 202311044462.**

**Ph.D Students Guiding: (One)****M.PHARM STUDENTS GUIDED**

<b>NAME OF STUDENT</b>	<b>REGISTRATION NUMBER</b>	<b>YEAR OF SUBMISSION</b>	<b>NAME OF UNIVERSITY</b>	<b>TITLE OF M.PHARM PROJECT</b>
Shalu Devi	15-RPB-86	2019	Pt.B.D.S Univ. Rohtak	<i>Formulation and evaluation of sustained release mucoadhesive tablets of ranitidine hydrochloride using xanthan gum</i>
Sayra Saini	15-RPB-90	2019	Pt.B.D.S Univ. Rohtak	<i>Formulation evaluation and characterization of sustained release tablets of atorvastatin</i>
Rahul	15-RPB-85	2017	Pt.B.D.S Univ. Rohtak	<i>Microwave Irradiated Copolymerization Of Xanthan Gum For Control Drug Delivery Of Atorvastatin</i>
Shagun Goel	15-RPB-87	2017	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Sustained Release Tablets Of Repaglinide</i>
Neha	14-RPB-87	2016	Pt.B.D.S Univ. Rohtak	<i>Formulation And In-Vitro evaluation Of Kappa Carrageenan Nanogel Of Cefixime Trihydrate</i>
Renu Bala Kamboj	14-RPB-90	2016	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Orodispersible Tablets Of Clinidipine</i>
Mohd Mushahid	11-RPB-78	2016	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Extended Release Tablet Of Salbutamol Sulphate</i>
Rekha Rani	13-RPB-89	2015	Pt.B.D.S Univ. Rohtak	<i>Formulation Development And Evaluation Of Solid Lipid Microparticles Of Acyclovir Sodium</i>
Monu Kumar	13-RPB-85	2015	Pt.B.D.S Univ. Rohtak	<i>Development And In-Vitro Evaluation Of Topical Microsponge Gel Of Fluconazole Using Xanthan Gum And Ethyl-Cellulose</i>

Harmeet Kaur	13-RPB-87	2015	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Clindamycin And Aloe Vare Nano Gel</i>
Sandeep Kumar	12-RPB-84	2014	Pt.B.D.S Univ. Rohtak	<i>Development And Formulation Of Sustained Release Tablet Of Isoxsuprine</i>
Monica Sharma	11-RPB-80	2013	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Ketoprofen Transdermal Gel For Treatment Of Pain And Inflammation.</i>
Pawan Kumar	11-RPB-83	2013	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation of Monteleukast Sodium Tablet for Nocturnal Asthma</i>
Sandeep Kumar	11-RPB-85	2013	Pt.B.D.S Univ. Rohtak	<i>Formulation And Evaluation Of Mouth Dissolving Tablet Of Cinnarizine</i>
Prateek Kamboj	11-RPB-82	2013	Pt.B.D.S Univ. Rohtak	<i>Mucoadhesive Tablet of Cefixime,Clavulanic Acid and Lactobacillus</i>
Lavina Pasricha	11-RPB-76	2013	Pt.B.D.S Univ. Rohtak	<i>Formulation And Development Of Multi Unit Particle System Of Proton Pump Inhibitor Drug Esomeprazole.</i>
Monika Kalra	11-RPB-79	2013	Pt.B.D.S Univ. Rohtak	<i>Development Of Polyherbal Anti-Ageing Topical Formulation And Its Evaluation</i>
Sandeep Mann	11-RPB-78	2013	Pt.B.D.S Univ. Rohtak	<i>Mucoadhesive Tablet Of Ranitidine Hydrochloride.</i>

## SEMINARS/CONFERENCES/WORSHOPS/SYMPOSIUM ATTENDED

- Workshop on **“Recent Trends In Drug Regulatory Affairs”** as **SPEAKER** organized by Bhagwant Institute of Pharmacy, Muzzafarnagar, India in 2013.
- National vendor development program-cum-industrial exhibition as **DELEGATE** organized by Micro,Small and Medium Enterprises, Government of India, at Karnal 2013.
- National seminar on **“Latest Developments In Pharmacognosy And Herbal Formulations”** presented **POSTER** organized by faculty of Pharmacy, RPIIT. Karnal in 2012.
- Seminar on **“Medical Devices Regulations”** as **DELEGATE** organized by IPGA welfare trust and Indian Pharmacy Graduates association at FICCI,New Delhi in 2012.
- Workshop on **“Research Methodology Sanjeevani Ek Prayas”** as **DELEGATE** organized by MJP Rohilkhand University, Bareilly in 2008.
- 59<sup>th</sup> **“Indian Pharmaceutical Congress”** as **DELEGATE** organized by Association of Pharmaceutical Teachers of India (APTI) at Varanasi in 2007.
- International seminar on **“Emerging Trends In Pharmaceutical Sciences”** as **DELEGATE** organized by Uttar Pradesh Technical University, Lucknow, India in 2006.
- Symposium on **“Prescription Trends In New Era: Discovery Of New Drugs”** as **DELEGATE** organized by Rakshpal Bahadur College of Pharmacy, Bareilly in 2006.
- Symposium on **“Indian Pharma Industry: Challenges And Opportunities”** as **DELEGATE** organized by Rakshpal Bahadur College of Pharmacy, Bareilly in 2005.
- **“Indian Pharmaceutical Congress”** as **DELEGATE** organized by Association of Pharmaceutical Teachers of India (APTI) at Chitkara University, Chandhigarh in 2017.
- Webinar on **“Hangout With Successful Start Ups”** as **DELEGATE** organized by DIT University, on 29 april,2020
- Webinar on **“Pharma Industry After Covid-19, Opportunities And Challenges”** as **DELEGATE** organized by Mansarovar University, on 17 May,2020
- **Panel discussion** on **“New Normal For Pharmacy Field In Covid-19 Pandemic”** organized by Amity University, on 17 May,2020.
- Webinar on **“Research Grant Writing: An Art”** as **DELEGATE** organized by Subharti University, on 25 May,2020
- **Course Study “Fullbright Fellowship Offered By USIEF”** organized by APTI (Association of Pharmacy Teacher’s of India), in May,2020
- **Course Study “Design of Experiments in Pharmaceutical Research”** organized by APTI (Association of Pharmacy Teacher’s of India), in May,2020
- Webinar on **“Research Opportunities In Post Covid Era”** Presided by **Prof(Dr) B. Suresh President**

- PCI**” as **DELEGATE** organized by Alpine Group of Institutes, on 30 May,2020
- Webinar on “**Understanding Practice School And Its Concept In UG Pharmacy Education**” as **DELEGATE** organized by JSS Academy of Higher Education and Research, Mysuru and Rajiv Gandhi University of Health Sciences, Bengaluru, on 23 May,2020
  - International Webinar on “**Pharmaceutical drug development and approval process**” as **DELEGATE** organized by Galgotia University, on 30 May,2020
  - International Webinar on “ **Opportunities For The Pharmacist**” as **SPEAKER** organized by Future Group of Institutes on 02 May, 2020
  - **One Week Faculty Development Program on “Students teachers networking during lockdown” as DELEGATE organized by RPIIT Karnal, from 23-29 May,2020.**