

## **Associate Editor - Dr. Rupal Dubey**



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**Educational  
Qualification**

Hon's **Diploma of Computer Application** (2003)-All India Society of Electronics and Computer Technology, Bhopal, India

**B. Pharm** in Pharmaceutical Sciences (2004), **M Pharm** (2008) & **PhD** in Pharmaceutics (2014)- Dr. H. S. Gour Central University, Sagar, Madhya Pradesh, India

**Post Graduate Diploma in Patent Law** (2009)-NALSAR University of Law, Hyderabad, India

Diploma in **Science Journalism** (2011)-ISCOS, Lucknow, India

**MBA** in Operation Management (2012)-IGNOU, New Delhi, India

Certificate course in Climate Change (2018) from (EPCO), Department of Environment, Government of Madhya Pradesh, India

**Career**

**Advancements**

**Academics &  
Administrative  
Responsibilities**

1. Chairman Board of Studies, Faculty of Pharmacy, People's University, Bhopal (M.P), India

2. Chairman Women Anti-Harassment cell, Faculty of Pharmacy, People's University, Bhopal (M.P), India

3. Member Research Advisory Committee, People's University, Bhopal (M.P), India

4. Member IPR Cell, People's University, Bhopal (M.P), India

5. Member Academic Council, People's University, Bhopal (M.P), India

6. Research Coordinator, School of Pharmacy & Research, People's University, Bhopal (M.P), India.

**Achievements**

1. Development of pedagogical case studies, course material for online/in class shared activities.

2. Certified Trainer and undergone a **certification in Direct Trainer Skills (DTS) and Facilitation skills**, which is part of Training Development program of **Government of India**

3. **E-Content Development** for Educational Communication, an autonomous organization under **UGC, Ministry of HRD**, Govt. of India.

4. Associated with **Educational film** and had **won best film of the year** award in nationwide **UGC-CEC video competition**. The Films were already **broadcasted**

on Higher Education Channel, DD Vyas.

5. Awarded with **National Doctoral Fellowship of All India Council of Technical Education (AICTE), New Delhi** from year 2010 to 2013.
6. Substantial knowledge of Indian Patent systems.
7. Presented research work at **International conference IUMRS–ICYRAM 2012 - IUMRS, Singapore**
8. Associated with **Educational Television Programs titled as “Igneous Petrology Part-01, 02, 03, 04 and 05”**, in the capacity of voice over artist **broadcasted on Higher Education Channel, DD Vyas.**
9. Published **03 book chapters** in book of International Publisher.
10. Completed certificate course in **Climate change** from State Knowledge Management Centre on Climate Change, Environmental Planning and Coordination Organization (EPCO), Department of Environment, Government of Madhya Pradesh
11. In Year 2021 **published** a report in **The International Pharmaceutical Federation (FIP) magazine** on “India: Designing a Digital Literacy Programs” for south East Asian region, for issue Digital health in pharmacy education. p122.

### **Selected Publications**

1. **Dubey R**, Dubey R, Omrey P, Vyas SP, Jain SK (2010) Development and characterization of colon specific drug delivery system bearing 5-ASA and Camylofine dihydrochloride for the treatment of ulcerative colitis. *J Drug Target*. Sep;18(8):589-601. doi: 10.3109/10611860903572933.
2. Pankaj Bhamare, **Rupal Dubey\***, Neeraj Upmanyu, Sunder Natarajan, P. Umadoss (2019); A rapid liquid chromatographic estimation of brivaracetam and its related impurities. *Asian J. Pharma. Res.*; Vol 9, Issue 2, 14-24, 2019. ISSN 2231 – 3621
3. Pankaj Bhamare, P. Umadoss, Neeraj Upmanyu and **Rupal Dubey \***(2020); Identification, isolation, structural characterisation, synthesis and in silico toxicity prediction of the alkaline hydrolytic degradation product of brivaracetam by using LC-PDA, preparative HPLC, LC/HESI/LTQ, FTIR, and 1H NMR. *Anal. Methods*, 2020, 12, 1868–1881. ©The Royal Society of Chemistry.
4. Alka Singh, **Rupal Dubey**, Neeraj Upmanyu & Pawan Kumar Porwal (2021) Amlodipine interfere in serum albumin binding of losartan and its active metabolite losartan carboxylic acid (EXP- 1734): Contra-contemporary in vitro approaches, *Analytical Chemistry Letters*, 11:3, 376-391
5. Pankaj Bhamare, **Rupal Dubey\***, Neeraj Upmanyu, Pothuvan Umadoss (2021) A Simple HPLC Method for In-Vitro Dissolution Study of Brivaracetam in Pharmaceutical Dosage Form. *Asian Journal of Pharmaceutical Analysis* 11(1): January-March, 2021
6. Bera Piumitali, Upmanyu Neeraj and **Dubey Rupal**, Pandey Arun Kumar (2020), A Comparative Formulation Development and Evaluation of Tazarotene Ethosomal and Transfersomal Gel for Effective Management of Acne. *International Journal of Nanoscience* Vol. 19, No. 4 2050005 (23 pages) ©World Scientific Publishing Company
7. Tripti Shukla\*, Rashi Bajaj1, Shreya khanna, Shard Prakash Pandey, **Rupal Dubey**, Neeraj Upmanyu (2017) **Role of pharmacist in pharmaceutical waste management.** *World J Environ Biosci*, 6, 2:1-13
8. **Rupal Dubey (2020)** Nanomedicine: New Avenues For Treatment of Endometriosis; ISSRF Newsletter, Issue 26, Pg- 124-126
9. **Dubey Rupal\***, Pothuvan Umadoss, Bhamare Pankaj, Singh Alka, Upmanyu Neeraj; A Review on Drug of Pediatric Pulmonary Arterial Hypertension (PAH), their Chemistry and Pharmaceutical Dosage Forms, *Journal of Drug Delivery & Therapeutics*. 2020; 10(2-s):156-170
10. **Rupal Dubey\***, Sana Khan and Neeraj Upmanyu (2020) Herbal Drugs In Nanoformulations-Boon in Transferral Drug Delivery for Fungal Infections. *World Journal of Pharmacy and Pharmaceutical Sciences*, Volume 9, Issue 12, 748-760.

11. **Rupal Dubey\*** & Eisha Ganju (2021) Modern Drug Delivery Systems For Oral Insulin Delivery In Diabetes Mellitus: A Review, World Journal of Pharmacy and Pharmaceutical Sciences, Volume 10, Issue 1, 660-679.
12. Nayna Singhai, **Rupal Dubey\*** and Neeraj Upmanyu, Journey of Carbon Nanotubes as Nanomedicine. *Int.J.Pharmacol.Bio.Sci. Vol. 12 (3) 2018, 23-45*
13. **Rupal Dubey\*** & Eisha Ganju (2021) Nanotechnology: A New Regeneration and Repair Technique in Drug Delivery, *Juni Khyat*, Volume 10, Issue 11, No.02 ISSN:2278-4632
14. Chouhan P, **Dubey R\***, Upmanyu N, Shrivastava A, Update Review Article: Spontaneous Bacterial Peritonitis, Journal of Drug Delivery and Therapeutics. 2018; 8(6-s):384-393 DOI: <http://dx.doi.org/10.22270/jddt.v8i6-s.2133>
15. Singhai N, **Dubey R\*** & Upmanyu N: Development and Characterization of Deflazacort Nanoparticles for the Treatment of Inflammatory Bowel Disease. *PJSR*. 2021; 14 (2):46-52. ISSN:0974-6358
16. Neeraj Upmanyu, **Rupal Dubey\*** and Abhishek Dube (2021) “India: Designing a Digital Literacy Programme” International Pharmaceutical Federation (FIP). FIP Digital Healthy in Pharmacy education. The Hague: International Pharmaceutical Federation; 2021.p122.
17. Pankaj Bhamare, **Rupal Dubey\***, Neeraj Upmanyu, Bhaskar Gupta, Umadoss Pothuvan (2022) Development of a new rapid and sensitive HPTLC-derivatization method for estimation of brivaracetam in bulk and pharmaceutical dosage form. World Journal of Pharmacy and Pharmaceutical Sciences Volume 11, Issue 5, 1971-1984.
18. **Dubey, R.\*** pothuvan, u., pandey, a. k., & gupta, b. k. (2022). physiochemical, in-vitro, ex-vivo and in-vivo evaluation of transdermal patches based on qbd approach: an overview. *International journal of applied pharmaceuticals*, 14, 13–21.
19. **Rupal Dubey\***, Manu Priya, Santosh Sahu, Bhaskar Kumar Gupta, Surendra Dangi (2022) Microsponges Technology: Novel Approach for Topical Drug Delivery. *International Journal of Drug Discovery and Herbal Research*, 12(1) April-June, 46-50.
20. **Rupal Dubey\***, Mirza Faraz Baig, Manu Priya, Santosh Sahu, Bhaskar Kumar Gupta (2022) Hepatitis & Nanomedicine: A Review, *People’s Journal of Scientific Research*, 15(1) 41-53 ISSN 0974-6358
21. **Rupal Dubey\***, Santosh Sahu, Manu Priya, Bhaskar Kumar Gupta, Aquasomes: New Hope for Delivery of active Biomolecules; *IJRAR* November 2022, Volume 9, Issue 4.
22. **Santosh Sahu\***, Manu Priya, Rupal Dubey, Bhaskar Kumar Gupta, Formulation, Development and Characterization of Clotrimazole Loaded Aquasomes for Topical Delivery; *IJRAR* December 2022, Volume 9, Issue 4.
23. Manu Priya, Santosh Sahu, **Rupal Dubey\***, Bhaskar Kumar Gupta, Formulation, Development and Characterization of Fusidic Acid Drug Microsponges for Topical Drug Delivery System; *IJRAR* December 2022, Volume 9, Issue 4.
24. Surendra Dangi, Santosh Kushwaha, Dr. Bhaskar Kumar Gupta, Dr. **Rupal Dubey**, NANOPARTICLES: NOVEL DRUG DELIVERY SYSTEM, *International Journal of Research and Analytical Reviews*, 2022, Volume 9, Issue 4, E-ISSN 2348-1269,
25. Umadoss P, Dubey R, Bhamare P, Upmanyu N, Gupta B, Pandey AK (2023), Development and Characterization of Sildenafil Citrate loaded transferral patches for treatment of paediatrics pulmonary arterial hypertension using QbD approach; *Biogecko- A Journal for New Zealand Herpetology*, Vol.12 Pg.3057-3084. ISSN No.2230-5807

## Presentations

1. Presented Poster on “Treatment of ulcerative colitis” at 61st Indian Pharmaceutical Congress Ahmedabad 2009.
2. Oral presentation on “Colon Delivery” at Silver Jubilee Young Scientist

Congress, M.P.Council of Science & Technology, Vigyan Bhavan Bhopal,(M.P) Feb 2010.

3. Presented poster on “Treatment of IBD (ulcerative colitis): Microformulation of 5-ASA and Camylofine dihydrochloride” in combination at conference IUMRS–ICYRAM 2012 organized by the International Union of Materials of Research Societies (IUMRS), Singapore.
4. Poster titled “Nanorobotics: A Novel Nanomedicine for treatment of diseases” awarded FIRST POSITION in category of Best Scientific content at IPGA Sponsored National Symposium Truba Institute of pharmacy, Bhopal on 30th April 2017.
5. Presented poster on “Climate Change- Impact on Women health-Women to tackle Climate Change” at world congress on Women 2019”Celebrating the past, planning for the future” held on 8th September 2019 at J. N Tata Auditorium, IISC, Bengaluru, India
6. Oral presentation on “Hyaluronic Acid Inhibitors and Cytotoxic Drugs in Combination for Treatment of Pancreatic Ductal Adenocarcinoma (PDAC)” on 10/12/22 in DBT sponsored national Seminar on “ Recent Advances in Cancer Cell Biology and Therapeutics” at Department of Biotechnology and Microbiology C.S.R.D, People’s University, Bhopal.
7. On 23rd April 2020 in webinar organised by **Sagar Institute of Research & Technology-Pharmacy, Bhopal** on “**How Chloroquine act as a Prophylactic Drug Against COVID-19**”.
8. On 3<sup>rd</sup> August 2021 in Five days faculty development programme organized by **LCIT school of Pharmacy Bilaspur (CG)** on theme “New approaches to teaching and learning for 21<sup>st</sup> century teachers.” delivered lecture on “**Education 4.0**”.
9. On 27th September 2021 delivered lecture on “**National Education Policy 2020**” organized by **Govt Nirbhay Singh Patel Science College, Indore.**
10. **On 29<sup>th</sup> August 2022 delivered as resource person in the Online Faculty Induction Program (Gurudakshita) organized by Human Resource Development Centre (HRDC), Pandit Ravishankar Shukla** University (PRSU), Raipur in consecutive two session on 1. Opportunities and challenges of CBCS in comparison to annual and semester based system and 2. Current Challenges and Opportunities in Indian Higher Education-Implementation in everyday classroom.
11. On 14th October 2022 delivered as resource person in AICTE sponsored National Conference in association with society for Ethnopharmacology (SFE-Bhopal local chapter) on topic “Regulation for Bioactive loaded Nano medicine from herbal origin and their associated toxicity”
12. Delivered Lecture on “**Current Challenges and Opportunities in Indian Higher Education**” in Faculty Development Program under the scheme of world bank-MPHEQIP, organized by Department of Zoology, Government Holkar (Model Autonomous) Science College, Indore.

## **Intellectual Property Rights**

### **Patents:**

#### **1. Title of Invention: Formulation of Transdermal Matrix Patch of Phosphodiesterase Type 5 Inhibitor**

Application No. 202221001858 A

Publication Date: 04/03/2022

#### **2. Title of Invention: A stable Pharmaceutical Composition for transdermal delivery of Prochlorperazine.**

Application No. 202021038765

Publication Date: 18/09/2020

#### **3. Title of Invention: A Herbal Formulation for Whooping Cough**

Application No. 202221027441A

## Professional Memberships Awards and Recognitions

Publication Date: 29/07/2022

Life Membership: Association of Pharmaceutical Teachers of India (APTI)  
MEM.NO: MP/LM-299

1. **Awarded with National Doctoral Fellowship** of All India Council of Technical Education (AICTE), New Delhi from year 2010 to 2013.
2. Certified Trainer and undergone a certification in **Direct Trainer Skills (DTS)** and Facilitation skills, which is part of Training Development program of Government of India conducted at RCVP Naronha, Academy of Administration and Management, Bhopal, Madhya Pradesh.
3. Awarded with Travel Grant from **Department of Biotechnology (DBT) New Delhi**, to attend International Conference for Poster presentation on Novel Drug Delivery System at the **IUMRS-ICYRAM 2012** organized by the International Union of Materials of Research Societies (IUMRS), **Singapore**.
4. Awarded with International travel grant assistance for Registration fee of IUMRS-ICYRAM 2012 from **M.P. COUNCIL OF SCIENCE AND TECHNOLOGY** Vigyan Bhawan, Nehru Nagar, Bhopal – 462 003
5. Associated with Educational Television Program titled as **“Igneous Petrology Part-01, 02, 03, 04 and 05”**, in the capacity of **voice over artist**. The programmes as e-content were already uploaded on website of MHRD, Govt of India i.e. [www.sakshat.ac.in](http://www.sakshat.ac.in), <http://cec.nic.in/E-Content/Pages/default.aspx> and telecasted on DD Vyas. (A TV Channel of UGC/CEC, New Delhi).
6. Associated with Educational film titled as **“Raag Samay Siddhant & Plastic Baba”** in the capacity of **presenter**. “Raag Samay Siddhant” had won **best film of the year award** in nationwide UGC-CEC video competition (2004) also “Plastic baba” **awarded best film in all categories 2006**. The Films were already broadcasted on Higher Education Channel, DD Vyas.
7. As **Research Assistant** involved in the E-content pre production Phase-II subject: B.Pharma and academically contributed in the subject mapping. The E-content was uploaded on “SAKSHAT” web portal and on CEC website.
8. Received **Women Scientist award** in “Award” in the IPGA MP State International Conference **“Challenges and Opportunities in Future Pharmaceutical Research and Innovations”** held on **06th May 2023 (Saturday)** at DAVV Auditorium, Takshshila Parisar, Khandwa Road, Indore.

## Grants Received

1. **2020-** Received Grant-in-aid (**Sum of Rupees 15, 10, 588/-**) under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year 2019-2020 from **All India Council for Technical Education (AICTE)**.
2. **2019-** Received Grant-in-aid to organize **Popular Lecture Series in Biotechnology** under Scheme of Promotion and Popularization of Biotechnology by **Department of Biotechnology (DBT) Govt. of India** in meeting held on 23<sup>rd</sup> September 2019.
3. **2018-** Received Grant-in-aid to Organize National Seminar on “ Fostering Intellectual Property Rights in the Field of Pharmaceutical Research & Development by **M.P Council of Science and Technology** in February 2018
4. **2018-** Received Grant-in-aid (Sum of Rupees 3, 00,000/-) to conduct Continuing Education Programme (CEP) for **Pharmacy teachers by Pharmacy Council of India (PCI)** in may 2018.
5. **2017-** Received Grant-in-aid to conduct Virtual Pharmaceutical Industrial Training Programme of a week by **People’s University, Bhopal** in September 2017.
6. **2012-** Received **Travel Grant from DBT, New Delhi** to attend and present poster at international conference **IUMRS-ICYRAM 2012 - IUMRS,**

**Singapore.**

- 7. 2012- Received grant for registration from M.P Council of Science and Technology to attend and present poster at international conference IUMRS-ICYRAM 2012 - IUMRS, Singapore.**