



**Centre/School/Special Centre:** School of Natural Resources

**Department:** Pharmacy

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**Personal Webpage Link:**

<https://scholar.google.com/citations?user=qsjQ18YAAAAJ&hl=en>

- Name:** : **RAVI SHANKAR PANDEY**
- Qualifications** : M.PHARM., PhD
- Area of Interest/  
Specialization** : Pharmaceutical Biotechnology
- Experience** : Academic 19 years and Research 16 years
- Awards and Honors** : Guest PhD studentship, Drug Research Academy,  
University of Copenhagen, Denmark (03 March, 2008- 23  
June 2008)
- Research Projects:** : Role: As Principal Investigator -UGC-MRP  
Title: Development of Colon targeted new generation  
vaccine formulations  
Period: July 20, 2012, for three years - Completed  
Grant/ Amount Mobilized- Rs. Five Lakhs seventy-four  
thousand seven hundred twenty-five (Rs. 574725/-)

**Best Peer Reviewed Publication (Most Recent up to 10):**

Total peer reviewed (with impact factor) Publications: 41

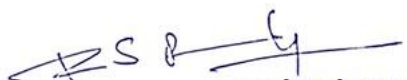
1. Farooqui RK, Kaurav M, Kumar M, Sudheesh MS, **Pandey RS**. Permeation enhancer nanovesicles mediated topical delivery of curcumin for the treatment of hyperpigmentation. Journal of Liposome Research 2022 Jan 31:1-8. doi: 10.1080/08982104.2021.2024567. Online ahead of print (**Impact factor 3.648**).
2. Das L, Kaurav M, **Pandey RS**. Phospholipid-polymer hybrid nanoparticles mediated transfollicular delivery of Quercetin: prospective implement for the treatment of androgenic alopecia. Drug Development and Industrial Pharmacy. 2019 Aug; 6: 1-27. (**Impact factor: 3.225**)

3. Kaurav M, Kumar R, Jain A, **Pandey RS**. Novel biomimetic reconstituted built-in adjuvanted Hepatitis B vaccine for transcutaneous immunization. *Journal of Pharmaceutical Sciences*. 2019 Nov; 108(11):3550-3559. **(Impact factor: 3.534)**
4. Sahu KK, Kaurav M, **Pandey RS**. Chylomicron mimicking solid lipid nanoemulsions encapsulated enteric minicapsules targeted to colon for immunization against hepatitis B. *International Immunopharmacology*. 2019 Jan; 66:317-329. **(Impact factor: 4.932)**
5. Sahu KK , **Pandey RS**. Development and characterization of HBsAg-loaded Eudragit nanoparticles for effective colonic immunization. *Pharmaceutical Development and Technology*. 2018. 1-10. **(Impact factor: 3.113)**
6. Minz S , **Pandey RS** . Lipid a adjuvanted chylomicron mimicking solid fat nanoemulsions for immunization against hepatitis B. 2018. *AAPS PharmSciTech*, 1-14. **(Impact factor: 3.246)**
7. Sahu K , Kaurav M , **Pandey RS**. Protease loaded permeation enhancer liposomes for treatment of skin fibrosis arisen from second degree burn. 2017. *Biomedicine & Pharmacotherapy*. 94, 747-757. **(Impact factor: 6.529)**
8. Minz S, **Pandey RS**. Development of Adjuvanted Solid Fat Nanoemulsions for Pulmonary Hepatitis B Vaccination. *Journal of Pharmaceutical Sciences*. 2018. 107 (6), 1701-1712. **(Impact factor : 3.534)**
9. Sahu KK, **Pandey RS\***. Immunological evaluation of colonic delivered Hepatitis B surface antigen loaded TLR-4 agonist modified solid fat nanoparticles. *International Immunopharmacology*. 2016 Aug 12;39:343-352. **(Impact factor : 4.932)**
10. Kaurav M, Minz S, Sahu K, Kumar M, Madan J, **Pandey RS\***. Nanoparticulate mediated transcutaneous immunization: Myth or reality. *Nanomedicine: Nanotechnology, biology and medicine*. 2016 May;12(4):1063-81. **(Impact factor : 6.458)**

#### **Recent Books/Book Chapters/Monographs etc.**

- Chandra R, Kumari V, Sharma A, Kaur A, Madan J, Pandey RS, Jain UK entitled “Natural plant derived anticancer drugs nanotherapeutics: Chapter 28 A review on preclinical to clinical studies” pp. 775-809 in Book “Nanostructures for Cancer Therapy” Alexandru Grumezescu and Antoni Ficai (Eds), Elsevier, Amsterdam, Netherlands( ISBN No. 078-0-323-46144-3)

- Research Supervision  
(Last five years)** : Three PhD degree awarded (Ms Sunita Minz, Mr. Kantrol Kumar Sahu and Ms. Monika Kaurav)  
Nine M. pharm. dissertation completed. One M. Pharm. research work in progress.
- Administrative  
Responsibilities  
(Last five years)** : Assistant Dean, Student welfare (June 2017-May 2019)  
Assistant Exam Superintendent - December 2019  
Departmental Coordinator (For point VII) - NAAC committee
- Additional Information  
(Last five years)** : Attended two short term Course in “Research Methodology” and in “ICT and E-resources conducted” by UGC-Human Resource Development Centre (HRDC), GGV Bilaspur and Pt. RSSU, Raipur respectively in year 2017 and 2018.

  
**18/04/2022**  
**Signature and Date**