

## Curriculum Vitae



### **Dr. Rakesh Tirkey**

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### **Academic Records:**

- 1) **Ph.D.** from University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
- 2) **M. Pharm. (Pharmacology)** from Nandha College of Pharmacy; The Tamilnadu Dr. M.G.R. Medical University, Chennai.
- 3) **B. Pharm.** from SLT Institute of Pharmaceutical Sciences, Guru Ghasidas University Bilaspur, (C.G.).

### **Experience:**

**Research experience:** 6-year research experience.

**Teaching experience:** 8 years

### **Awards:**

1. **Best poster award in APTI Central Zone National Seminar (APTI Women Forum) 24-26 March 2017.**
2. **Best Poster Award in ICMR sponsored National Seminar, 5-6 April 2017.**

### **Published Research Paper:**

1. "Effect of *Cocculus hirsutus* leaves extract on freunds complete adjuvant and formaldehyde induced Arthritis." *International Research Journal of Pharmacy*, 2012, 2(3), ISSN 2230-8407.
2. "Glimpses of ethnopharmacological approaches to treat acne" *Research Journal of Topical and Cosmetic Sciences*, A & V Publications, 2017, volume 8, Print ISSN : 0976-2981. Online ISSN : 2321-5844.
3. "In-vitro Screening for Anthelmintic Potential of *Crotalaria retusa* on *Pheretima posthuma*". *Journal of Drug Delivery and Therapeutics*. 2019 Aug 30;9(4-A):340-3.
4. "Screening for phytochemical, flavonoid content, antioxidant and anthelmintic potential of *Sida spinosa*" *International Journal of Pharmaceutical Sciences and Research*. (2019), Volume 10, Issue 12, 5587-91

5. Tirkey R, Saraf S. Chromatographic Fingerprinting and Quantitative Analysis of Marker in the Extract of *Gloriosa superba* Tubers Collected from Some Region of Chhattisgarh. *International Journal of Pharmaceutical Investigation*. 2020 Oct 2;10(3):374-8.
6. Kujur A, Tirkey R, Tripathi V, Sahu PK. Promising herbs for the management of inflammation associated with various pathological conditions-A Review. 2020, 11 (SPL4), 3084-3091

### **Paper Presentation on Conferences**

- **“Study the effect of *Cocculus hirsutus* leaves extract on Freund's adjuvant and formaldehyde induced arthritis”, 65th Indian Pharmaceutical Congress, New Delhi, 20-22 Dec, 2013, D-102.**
- **Evaluation of *in-vitro* Anthelmintic activity of *Crotalaria retusa* leaves extract on *Pheretima posthuma*.** International Conference “Frontiers in Pharmaceutical Science & Research” with theme “Cutting Edge Technology in New Drug Discovery & Drug Delivery Systems” organized by Columbia Institute of Pharmacy, 11-12<sup>th</sup> October 2014.
- **“Evaluation of Antidiabetic activity of *Celastrus dependens* in streptozotocin induced diabetic rats”** in National seminar on “Prospects of Pharmacy Education, November 19-21, 2015.
- **“In-vitro evaluation of anthelmintic and antioxidant potential of *bahunia acuminata* leaves”** 66th Indian Pharmaceutical Congress, Hyderabad, 23-25 January, 2015.
- **“Evaluation of Anti-diabetic and Antioxidant activity of *Xantolis tomentosa* extract”** in 3rd International Congress of Society for Ethnopharmacology, India, Ethnopharmacology and Evaluation of Medicinal Plants – Global Perspectives, 19 - 21 February 2016
- **“In-vitro Evaluation of Anthelmintic and Antioxidant effects of *Adiantum incisum*”** in, National seminar on “Traditional Knowledge and Biodiversity of Chhattisgarh” Organized at royal college of Pharmacy, Raipur, 4-5 March 2016.
- **“Evaluation of Antidiabetic activity of *Gisekia pharnaceoides* in streptozotocin induced diabetic rats”** in Organized at Columbia Institute of Pharmacy, Raipur Sponsored by Chhattisgarh council of Science and Technology, 5 -06 March 2016.
- **“Evaluation of Antimicrobial and Antioxidant potential of *Desmodium laxiflorum* leaves extract”** in 68<sup>th</sup> Indian Pharmaceutical Congress on “Quality Pharmaceuticals and Patient Welfare,” at AU College of Pharmaceutical Sciences, Andhra University, Vishakhapatnam, A.P., 16-18 December 2016.
- **“In-vitro Immunomodulatory Activity of extracts of *Crotalaria retusa* on Human Neutrophils”** in ICMR sponsored national conference on “Recent Trends in Nanotechnology in Biomedical Drug Research” at Himachal Institute of Pharmaceutical Education & Research, Nadaun, Himachal Pradesh, 25-26 February 2017.

- **“Role of herbal extract of *Adiantum incisum* in modulation of cellular immune responses”** in APTI Central Zone National Seminar (APTI Women Forum) on “Treat to target approaches for dermal disorders: New Prospectives and challenges” 24-26 March 2017.
- **“Effect of herbal extract in modulation of cellular immune responses”** in ICMR Sponsored National Seminar on the theme, “Prospects and Avenues for In-Vivo Studies on Animal Models and Human Volunteers for treatment of Oral Cancer.” At Shri Rawatpura Sarkar Institute of Pharmacy, Kumhari, Durg (C.G.), 5th– 6th April 2017.
- **“Phytoconstituents as an Emerging Therapeutic Alternative for the Treatment of Epilepsy”** in 2<sup>nd</sup> International Conference on “Frontiers in Pharmaceutical Science & Research (PharmSci-2017)” with theme: “Advances in Development, Delivery Systems and Clinical Monitoring of Drugs” 23-24 September 2017, Organized By Columbia Institute of Pharmacy. Raipur
- **“In vitro and In vivo evaluation of immunomodulatory effect of *Alangium salvifolium* extract”** in International Conference on “fostering interdisciplinary research in medicines”, 19-21 January 2019 At Pt. Ravishankar Shukla University, Raipur (C.G.)
- **“Suppressive Effect of Phytoconstituents on the Pathophysiological Targets of Atopic dermatitis”** *bareilly* 30 november 2019
- **“Potential of herbal extract in modulation of cell mediated immune response”** in 3<sup>rd</sup> International conference on “frontiers in Pharmaceutical Sciences and Research” theme “Integrating Pharmaceutical Technology with other branch of sciences for Health Management”, 1 -2 February, 2020, organized by columbia institute of Pharmacy, Tekari, Raipur (C.G.).
- **“Potential of Indian medicinal plants for the modulation of cell mediated and humoral immune response ”** in Atomic Energy Regulatory Board Sponsored National Seminar, 15th February 2020, organized by Royal college of Pharmacy, Raipur.

#### **Oral presentations**

- **“Anthelmintic and Antioxidant Screening of *Buchanania lanzan* Leaves”** AICTE sponsored national seminar on “Advances and avenues in novel drug delivery system for therapeutically effective plant actives” 29-30<sup>th</sup> October 2014 at university Institute of pharmacy, Pt. RSU Raipur, Chhattishgarh, (India).
- **“Phytochemical and Anthelmintic screening of *Albizia lebbek* leave extract”** CGCOST sponsored national seminar on regulatory issues of herbal drugs to promote its commercialization in Chhattisgarh 21-22<sup>nd</sup> of November, 2014.