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Date of Birth : 15th June 1975. Nationality: India
Educational Qualification: M. Sc., Ph. D.

Research Experience: 25+ Years on **Traditional Medicine**

DURATION	INSTITUTION	POSITION	PARTICULARS OF WORK DONE
2007	Dept. of Chemistry GBPU & T Pantnagar, Uttarakhand	SRF	Analysis of pesticides in water, soil and vegetables
2008	Dept. of Mol. Biol. & Genetic Eng. GBPU&T Pantnagar	SRF	Isolation of 2AP from Basmati rice and its synthesis
2008	Sr Research Officer	RMRC, Belagavi	Chemistry of Natural Products, and chemical modification of bioactive compounds with <i>in vitro</i> antimicrobial, antioxidant and anti-diabetic activities; Drug discovery from plant Microbiome.

Mentoring Students: 01

Research Guide: Co-Ph.D. Guiding: 2; M. Sc/M.D. Dissertation: 10

Reviewer: 10+ Peer Review International Journals.

Editorial Board Member: 02.

Publication

Total: 36 (selected) (Review: 5, Book Chapter: 2).
RG Score: 26.18; GS h-Index: 11; i10-Index: 16; Citations: 362

Selected List:

- Joshi RK (2016)** *Acorus calamus* Linn.: Phytoconstituents and bactericidal property. **World Journal of Microbiology and Biotechnology** DOI: 10.1007/s11274-016-2124-2.
- Joshi RK (2016)** GC-MS analysis of the essential oil of *Ocimum gratissimum* L. growing desolately in South India. *Acta Chromatographica* DOI: 10.1556/1326.2017.29.1.10.
- Pai SR, Upadhyaya V, Hegde HV, **Joshi RK**, Kholkute SD (2016). Determination of betulinic acid, oleanolic acid and ursolic acid from *Achyranthes aspera* L. using RP-UFLC-DAD analysis and evaluation of various parameters for their optimum yield. **Indian Journal of Experimental Biology** 54: 196-202.
- Joshi RK (2015)** *Leucas aspera* (Willd.) Link essential oil from India: β -Caryophyllene and 1-octen-3-ol chemotypes. **Journal of Chromatographic Science** doi: 10.1093/chromsci/bmv173.
- Sharma S, **Joshi RK**, Pai SR (2015) Modified UFLC-PDA method for determination of nitrosamines. **Journal of Analytical Chemistry** 70: 998-1002.
- Ankad G, Upadhyaya V, Pai SR, Nimbalkar MS, Hegde HV, **Joshi RK**, Kholkute SD (2015). Evaluating *Nothapodytes nimmoniana* population from three localities of Western Ghats using camptothecin (CPT) as phytochemical marker and selection of elites using a new content range chart method. **Pharmacognosy Magazine** 11: 90-95.
- Joshi RK (2014)** Aroma profile of *Mentha arvensis* Linn. growing in Belgaum region of Karnataka, India. **Journal of Essential Oil Bearing Plants** 17: 1397-1399.

8. **Joshi RK (2014)** Chemical composition and antimicrobial activity of the essential oil of *Ocimum basilicum* L. (sweet basil) from Western Ghats of North West Karnataka, India. **Ancient Science of Life** 33: 149-154.
9. **Joshi RK (2014)** Sesquiterpene rich essential oil of *Vernonia cinerea* Less. from India. **South African Journal of Botany** 95: 129-130.
10. **Joshi RK (2014)** 6-Demethoxy ageratochromene (Precocene I) rich essential oil of *Ageratum conyzoides* L. from Western Ghats region of North West Karnataka, India. **Journal of Essential Oil Bearing Plants** 17: 422-426.
11. **Joshi RK (2014)** 2,4,6-Trimethoxy-styrene new chemotype from the essential oil of *Zanthoxylum ovalifolium* Wight from India. **National Academy Science Letters** 37: 331-333.
12. **Joshi RK (2014)** Chemical composition of *Vernonia albicans* essential oil from India. **Natural Product Communications** 9: 997-998.
13. **Joshi RK (2014)** Chemical composition and antimicrobial activity of the essential oil of *Plectranthus mollis* (Lamiaceae) from Western Ghats region, Karnataka, India. **Revista de Biología Tropical** 62: 423-431.
14. Pai SR, Upadhya V, Hegde HV, **Joshi RK**, Kholkute SD (2014) New report of triterpenoid betulinic acid along with oleanolic Acid from *Achyranthes aspera* by reversed-phase-ultra flow liquid chromatographic analysis and confirmation using high-performance thin-layer chromatographic and Fourier transform-infrared spectroscopic techniques. **Journal of Planar Chromatography** 27: 38-41.
15. **Joshi RK (2014)** Chemical composition of the essential oil of *Croton bonplandianus* from India. **Natural Product Communications** 9: 269-270.
16. Upadhya V, Pai SR, Sharma AK, Hegde HV, Kholkute SD, **Joshi RK (2014)** Compound specific extraction of camptothecin from *Nothapodytes nimmoniana* and piperine from *Piper nigrum* using Accelerated Solvent Extractor (ASE). **Journal of Analytical Methods in Chemistry** 2014: 1-6.
17. **Joshi RK (2013)** Chemical composition of the essential oil of the flowering aerial parts of *Pimpinella monoica*. **Natural Product Communications** 8: 1643-1644.
18. **Joshi RK (2013)** Chemical composition of the essential oil of *Chromolaena odorata* (L.) R. M. King & H. Rob. roots from India. **Journal of Chemistry** 2013: 1-4.
19. **Joshi RK (2013)** Pulegone and menthone chemotypes of *Mentha spicata* Linn. from Western Ghats region of North West Karnataka, India. **National Academy Science Letters** 36: 349-352.
20. **Joshi RK (2013)** Volatile composition and antimicrobial activity of the essential oil of *Artemisia absinthium* growing in Western Ghats region of North West Karnataka, India. **Pharmaceutical Biology** 51: 888-892.
21. **Joshi RK (2013)** Chemical composition of the essential oils of aerial parts and flowers of *Chromolaena odorata* (L.) R. M. King & H. Rob. from Western Ghats region of North West Karnataka, India. **Journal of Essential Oil Bearing Plants** 16: 71-75.
22. **Joshi RK (2013)**. Chemical Composition of the essential oil of *Baccharoides lilacina* from India. **Natural Product Communications** 8: 401-402.
23. **Joshi RK (2013)** Essential oil of flowers of *Anaphalis contorta*, an aromatic and medicinal plant from India. **Natural Product Communications** 8: 225 –226.
24. **Joshi RK (2013)** Chemical constituents and antibacterial property of the essential oil of the roots of *Cyathocline purpurea*. **Journal of Ethnopharmacology** 145: 621–625.
25. **Joshi RK**, Badakar V (2012) Chemical composition and *In vitro* antimicrobial activity of the essential oil of the flowers of *Tridax procumbens* L. **Natural Product Communications** 7: 941-942.
26. **Joshi RK (2012)** Chemical composition of *Senecio belgaumensis* from India. **Chemistry of Natural Compounds** 47:1010–1011.
27. **Joshi RK (2011)** GC/MS analysis of the essential oil of *Senecio belgaumensis* flowers. **Natural Product Communications** 6: 1145-1146.
28. **Joshi RK**, Badakar VM, Kholkute SD, Khatib N (2011) Chemical composition and antimicrobial activity of the essential oil of the leaves of *Feronia elephantum* (Rutaceae) from North West Karnataka. **Natural Product Communications** 6: 141-143.
29. **Joshi RK**, Pande C (2010) Chemical composition of the essential oil of *Phlomis bracteosa* Royle ex Benth. **Journal of Essential Oil Research** 22: 297-299.
30. **Joshi RK***, Mujawar MHK, Kholkute SD (2010). Antimicrobial activity of the extracts of *Craniotome furcata* (Lamiaceae). **Journal of Ethnopharmacology** 128: 703–704.

31. Tandon S, **Joshi RK**, Sand NK (2010). Monitoring of organochlorine pesticides in water collected from district Haridwar and Dehradun of Uttarakhand. **Pesticide Research Journal** 22: 19-22.
32. **Joshi RK***, Pande C, Mujawar MHK, Kholkute SD (2009) Chemical composition and antimicrobial activity of the essential oil of *Anaphalis nubigena* var. *monocephala*. **Natural Product Communications** 4: 993-996.
33. **Joshi RK***, Pande C (2009) Phytoconstituents of the essential oil of *Craniotome furcata* (Link.) O. Kuntze. **Journal of Essential Oil Research** 21: 270-271.
34. **Joshi RK***, Pande C (2008) Essential oil composition of the aerial parts of *Bupleurum candollii*. **Natural Product Communications** 3: 1919-1920.
35. Joshi RK*, Pande C (2008) Chemical composition of the essential oil of the flowering aerial parts of *Craniotome furcata*. **Natural Product Communications** 3: 923-924.
36. Pande C, **Joshi RK**, Sammal SS (2008) Chemical composition of the essential oil of *Anaphalis contorta* Hook f. **Journal of Essential Oil Research** 20: 444-445.

Selected Book Chapters and Review:

1. **Joshi RK** (2016) Angelica (*Angelica glauca* and *A. archangelica*) Oils. In: Preedy, V.R. (Ed.), Essential Oils in Food Preservation, Flavor and Safety. Elsevier-Academic Press, 203–208. ISBN : 9780124166417
2. **Joshi RK** (2012) Chemical constituents of plant from the genus *Craniotome*. **Chemistry & Biodiversity** 9: 1422–1424.