

## **PUBLICATIONS IN INTERNATIONAL AND NATIONAL JOURNALS:**

1. Chandra R, Madan J, Singh P, Chandra A, **Kumar P**, Tomar V, Dass SK. Implications of nanoscale based drug delivery systems in delivery and targeting tubulin binding agent, noscapine in cancer cells. *Current Drug Metabolism* **2012**; 13(10):1476-1483. **ISSN (Print):** 1389-2002, **ISSN (Online):** 1875-5453. (Impact factor: 4.405)
2. **Kumar P**, Singh P, Kumari K, Mozumdar S, Chandra R. A green approach for the synthesis of gold nanotriangles using aqueous leaf extract of *Callistemon viminalis*. *Materials Letters* **2011**; 65(4):595-597. **ISSN:** 0167-577X. (Impact factor: 2.224)
3. Singh P, **Kumar P**, Kumari K, Sharma P, Mozumdar S, Chandra R. A rapid and simple route for the synthesis of lead and palladium nanoparticles in tetrazolium based ionic liquid. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **2011**; 78(2):909-912. **ISSN:** 1386-1425.(Impact factor: 1.977)
4. Singh P, **Kumar P**, Katyal A, Kalra R, Dass SK, Prakash S. Chandra R. Synthesis and electrochemical studies of charge-transfer complexes of thiazolidine-2,4-dione with  $\sigma$  and  $\pi$  acceptors. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **2010**; 75(3):983-991. **ISSN:** 1386-1425. (Impact factor: 1.977)
5. Singh P, **Kumar P**, Katyal A, Kalra R, Dass SK, Prakash S. Chandra R. Phosphotungstic Acid: an efficient catalyst for the aqueous phase synthesis of bis-(4-hydroxycoumarin-3-yl)methanes. *Catalysis Letters* **2010**; 134(3-4):303-308. **ISSN (Print):** 1011-372X, **ISSN (Online):** 1572-879X. (Impact factor: 2.244).

## **PROCEEDINGS IN JOURNALS:**

1. Chandra R, Singh P, **Kumar P**. Noscapine loaded metal nanoparticles: A promising therapy for cancer. Second World Congress, IANM II Nanomed, 2010 held at Antalya-Turkey, 3<sup>rd</sup> -6<sup>th</sup> October (2010).

## **BOOKS/MONOGRAPHS PUBLISHED**

1. Chandra R, Kumar P. Environmental Chemistry (Paryavaran Rasayan Vigyan), University Publications (2014). ISBN : 978-81-7555-662-1.

## **CHAPTERS IN EDITED BOOKS:**

1. Chandra R, Madan J, Singh P, **Kumar P**, Tomar V, Dass SK, Chandra A. Noscapines: Novel Carrier Systems to Target Tumor Cells. In: Thomas Ming Swi Chang editor. Selected Topics in Nanomedicine, New Jersey: World Scientific Publishing Co., Inc; 2013 p. 381-410. **ISBN (hardcover):** 978-981-4472-85-2, **ISBN (ebook):** 978-981-4472-87-6.
2. Kumari K, Singh P, Shrivastava RC, **Kumar P**, Mehrotra GK, Samim M, Chandra R, Mordhwaj. A green approach for the synthesis of Thiazolidine-2,4-dione and its analogues using gold NPs as catalyst in water. In: Khemani LD, Shrivastava MM, Shrivastava S editors. Chemistry of Phytopotentials: Health, Energy and Environmental Perspectives, Berlin Heidelberg: Springer; 2012, p. 329-333. **ISBN (Print):** 978-3-642-23393-7, **ISBN (Online):** 978-3-642-23394-4.