

# Short CV

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## **Post Ph.D. Employments:**

<b>Organization</b>	<b>Designation of the post held</b>	<b>Duration From - To</b>
Department of Rural Technology, Guru Ghasidas Vishwavidyalay, Bilaspur (CG) India	<b>Assistant Professor</b>	01-06-2011 To Till date
SOS in Zoology, Jiwaji University, Gwalior (MP) India	<b>Research Associate</b>	05-05-2008 To 04-05-2011
Lanzhou University, Lanzhou (Gansu Province) PR CHINA	<b>Senior Visiting Scholar</b>	1-09-2005 To 31-03-2008

## **Research Projects Handled:**

<b>Designation</b>	<b>Funding Agency &amp; Sanction No.</b>	<b>Grants Sanctioned</b>	<b>Duration</b>	<b>Title of the Project</b>
Principal Investigator	<b>University Grants Commission, INDIA</b> (42-550/2013 -SR), 22March, 2013	INR 13,29,700 /-	01-04-2013 To 31-03-2017	Influence of Phytochemicals on resurgence of acrylamide induced hepato, nephro and encephalopathy
Principal Investigator	<b>University Grants Commission, INDIA</b> [No: F.20-1/2012 (BSR)/20-11 (3)/2012(BSR)] 30 Oct, 2012	INR 6,00,000/-	05-12-2012 To 04-12-2014	Chemical characterization of few indigenous plants of Chhattisgarh state and their evaluation for therapeutic potential and safety against experimental hepatitis
Principal Investigator	<b>Department of Science and Technology, INDIA</b> (DST-SERB) SR/FT/LS- 166/2010, 13 <sup>th</sup> Aug, 2012	INR 17,08,000 /-	01-09-2012 To 31-08-2015	Tunneling nanotubes: Exploration of possible target for anti-cancer therapies
Research Associate (Awarded)	<b>Indian Council of Medical Research, INDIA</b> (45/03/2004/ PHA/BMS)	INR 1053600/-	05-05-2008 to 04-05-2011	“Effects of some natural products against toxicological consequences of beryllium exposure: <i>in vitro</i> and <i>in vivo</i> approach”

**Supervision of Ph.D. Scholars: Pursuing (01); Thesis submitted (04)**

**Supervision of M.Sc. Dissertations: 13 Awarded**

**Foreign Visits: 05 Countries**

**Invited Lectures/Talks: 07**

**Patent: 01**

Filed Indian patent entitled **“Propolis extract: a potent antioxidant and hepatoprotective agent and the process for preparation thereof”**.

**Name of inventors:** Sangeeta Shukla, Monika Bhadauria, **Satendra Kumar Nirala**, Sadhana Shrivastava and Shamshad Ahemad.

**Name of Applicant:** 1) CCRUM, NEW DELHI & 2) JIWAJI UNIVERSITY, GWALIOR

**Application No:** 1827/DEL/2009 A

**Date of filing:** 03/09/2009

**Date of publication:** 23/04/2010

**International classification:** A61K 35/64

### **Publications:**

**Publication matrix as updated on 31-08-2019**

**Cumulative Impact Factor:** **61.816/2018** (As per JCR/SCI)

**Total citations:** **698** (As per Google Scholar)

**h-index:** **14** (As per Google Scholar)

**i10-index:** **19** (As per Google Scholar)

### **Book Chapters contributed:**

**With ISBN from International Publisher (02)**

**With ISBN from National Publisher (02)**

### **Research papers published: 43**

**(Impact Factors only from SCIE/ Thomson Reuters/ Clarivate Analytics)**

**(Selected Papers)**

#### 2019

1. Agrawal ND\*, **Nirala SK**, Bhadauria M, Shrivastava S, Shukla S (2019): **Protective potential of *Moringa oleifera* Lam. along with curcumin and piperine against beryllium- induced alterations in hepatorenal biochemistry and ultra morphology in rats.** (*Indian Journal of Biochemistry and Biophysics*; 56: 70-80, **Impact Factor: 0.357/2018**)

#### 2018

2. Sahu N, Mishra G, Chandra HK, **Nirala SK**, Bhadauria M\* (2018): **Propolis modulates cellular biochemistry, antioxidants, cytokine profile, histological and ultra morphological status against antituberculosis drugs induced hepatic injury.** (*Asian Pacific Journal of Tropical Medicine*; 11: 609-620, **Impact Factor: 1.772/2018**)

3. Mishra G, Chandra HK, Sahu N, **Nirala SK**, Bhadauria M\* (2018): **Ameliorative effect of *Pergularia daemia* (Forssk.) Chiov. leaves extract against anti-tuberculosis drugs induced liver injury in rats.** (*Asian Pacific Journal of Tropical Medicine*; 11: 518-525, **Impact Factor: 1.772/2018**)

#### 2015

4. Agrawal ND, **Nirala SK**, Shukla S, Mathur R\* (2015): **Co-administration of adjuvants along with *Moringa oleifera* attenuates beryllium induced**

- oxidative stress and histopathological alterations.** (*Pharmaceutical Biology*; 53: 1465-1473 , **Impact Factor: 2.492/2018**)  
2013
5. Wen YF, Zhao JQ, Bhadauria M, **Nirala SK\*** (2013): **Baicalin prevents cadmium induced hepatic cytotoxicity, oxidative stress and histomorphometric alterations.** (*Experimental and Toxicologic Pathology*; 65: 189-196, **Impact Factor: 1.975/2017**)  
2012
  6. Wen YF, Zhao JQ, **Nirala SK**, Bhadauria M\* (2012): **Aluminum induced toxicity and its response to combined treatment of HEDTA and propolis in rats.** (*Polish Journal of Environmental Studies*; 21: 1437-1444, **Impact Factor: 1.186/2018**)  
2010
  7. Wen YF, Zhao JQ, Bhadauria M, **Nirala SK\*** (2010): **Pyridoxine mitigates cadmium induced hepatic cytotoxicity and oxidative stress.** (*Environmental toxicology and Pharmacology*; 30: 169-174, **Impact Factor: 3.061/2018**)
  8. Joshi D\*, Mittal DK, **Nirala SK**, Shrivastava S, Bhadauria M, Shukla S (2010): **Role of micronutrients against dimethylmercury intoxication in male rats.** (*Environmental Toxicology and Pharmacology*; 29: 97-103, **Impact Factor: 3.061/2018**).  
2009
  9. **Nirala SK**, Bhadauria M\*, Upadhyay AK, Mathur R, Mathur A (2009): **Reversal of effects of intra peritoneally administered beryllium nitrate by tiron and CaNa<sub>3</sub>DTPA alone or in combination with  $\alpha$ -tocopherol.** (*Indian Journal of Experimental Biology*; 47: 955-963, **Impact Factor: 0.934/2018**)
  10. Upadhyay AK, Mathur R, Bhadauria M, **Nirala SK\*** (2009): **Therapeutic influence of zinc and ascorbic acid against lead induced biochemical alterations.** (*Therapie*; 64, 383-388, **Impact Factor: 1.364/2018**)
  11. Fan GJ, Tang JJ, Bhadauria M\*, **Nirala SK**, Dai F, Zhou B, Li Y, Liu ZL (2009). **Resveratrol ameliorates carbon tetrachloride induced acute liver injury in mice.** (*Environmental Toxicology and Pharmacology*; 28, 350-356, **Impact Factor: 3.061/2018**).
  12. Zhao JQ, Wen YF, Bhadauria M\*, **Nirala SK**, Sharma A, Shrivastava S, Shukla S, Agrawal OP, Mathur R (2009). **Protective effects of propolis on inorganic mercury induced oxidative stress in mice.** (*Indian Journal of Experimental Biology*; 47: 264-269, **Impact Factor: 0.934/2018**)
  13. Bhadauria M\*, **Nirala SK**, Shrivastava S, Sharma A, Johri S, Chandan BK, Singh B, Saxena AK, Shukla S (2009): **Emodin reverses CCl<sub>4</sub> induced hepatic CYP enzymatic and ultra structural changes: the *in vivo* evidence.** (*Hepatology Research*; 39: 290-300, **Impact Factor: 3.44/2018**)
  14. Bhadauria M\* and **Nirala SK** (2009): **Reversal of acetaminophen induced subchronic hepatorenal injury by propolis extract in rats.** (*Environmental Toxicology and Pharmacology*; 27: 17-25, **Impact Factor: 3.061/2018**)  
2008
  15. **Nirala SK\***, Bhadauria M (2008): **Synergistic effects of ferritin and propolis in modulation of beryllium induced toxicogenic alterations.** (*Food and Chemical Toxicology*; 46: 3069-3079, **Impact Factor: 3.775/2018**)
  16. Bhadauria M\*, **Nirala SK**, Shukla S (2008): **Multiple treatment of propolis extract ameliorates carbon tetrachloride induced liver injury in rats.** (*Food and Chemical Toxicology*; 46: 2703-2712, **Impact Factor: 3.775/2018**)

17. Bhadauria M, Shukla S, Mathur R, Agrawal OP, Shrivastava S, Johri S, Joshi D, Singh V and Mittal DK, **Nirala SK** (2008): **Hepatic endogenous defense potential of propolis after mercury intoxication.** (*Integrative Zoology*; 4: 311-321, **Impact Factor: 2.14/2018**)
18. **Nirala SK\***, Li PQ, Bhadauria M, Guo GQ (2008): **Combined effects of gallic acid and propolis on beryllium-induced hepatorenal toxicity.** (*Integrative Zoology*; 4: 195-208, **Impact Factor: 2.14/2018**)
19. **Nirala SK\***, Bhadauria M, Shukla S, Agrawal OP, Mathur A, Li PQ, Mathur R\* (2008): **Pharmacological intervention of tiferron and propolis to alleviate beryllium induced hepatorenal toxicity.** (*Fundamental and Clinical Pharmacology*; 22: 403-415, **Impact Factor: 2.229/2018**)
20. **Nirala SK**, Bhadauria M\* (2008): **Propolis reverses acetaminophen induced hepatorenal biochemical and histopathological alterations.** (*Archives of Pharmacol Research*; 31: 451-461, **Impact Factor: 2.058/2018**)
21. **Nirala SK\***, Bhadauria M, Mathur R, Mathur A (2008): **Influence of  $\alpha$ -tocopherol, propolis and piperine on therapeutic potential of tiferron against beryllium induced toxic manifestations** (*Journal of Applied Toxicology*; 28: 44-54, **Impact Factor: 3.065/2018**).  
2007
22. Zhao JQ, Du GZ, Xiong YC, Yi-Fu Wen, Monika Bhadauria, **Nirala SK\*** (2007): **The attenuation of beryllium induced hepatorenal dysfunction and oxidative stress in rodents by combined effect of Gallic acid and piperine.** (*Archives of Pharmacol Research*; 30: 1575-1583, **Impact Factor: 2.058/2018**)
23. Bhadauria M\*, **Nirala SK**, Shukla S (2007). **Duration dependent hepatoprotective effect of propolis extract against carbon tetrachloride induced acute damage in rats.** (*Advances in Therapy*; 24: 1134-1143, **Impact Factor: 3.085/2017**)
24. Bhadauria M\*, **Nirala SK**, Shukla S (2007): **Propolis protects CYP2E1 enzymatic activities and oxidative stress induced by carbon tetrachloride.** (*Molecular and Cellular Biochemistry*; 302: 215-24, **Impact Factor: 2.884/2018**).
25. **Nirala SK\***, Bhadauria M, Mathur R, Mathur A (2007): **Amelioration of beryllium induced alterations in hepatorenal biochemistry and ultramorphology by co-administration of tiferron and adjuvants.** (*Journal of Biomedical Science*; 14: 331-345, **Impact Factor: 5.203/2018**).  
2004
26. Mathur R\*, **Nirala SK**, Mathur A (2004): **Comparative effectiveness of  $\text{CaNa}_3\text{DTPA}$  and Tiron along with  $\alpha$ -Tocopherol against beryllium induced biochemical alterations in rats.** (*Indian Journal of Experimental Biology*, 42, 570-574. **Impact Factor: 0.934/2018**).

**Scientific presentations in seminars, symposia & conferences:**

**International: 13**

**National: 22**