

## Dr. Kanta Meena

Ph.D., M.Phil. M.Sc., B.Ed.  
Department of Botany



Total teaching experience (in years)	12 Years
Institute of doctoral degree-	M.D.S. University, Ajmer (Raj.)
Research experience as Research Supervisor (in years)	4 Years
Number of Research papers/Articles published-	16

### Details of published article-

1. B.L. Yadav, K.L. Meena, **Kanta Meena** and Shahdab Hussain **(2011)** *Selaginella reticulata* (Hook. & Grev.) Spring (Selaginellaceae) – A New Record to the Pteridophytic Flora of Rajasthan, North- Western India” *J. Bombay. Nat. Hist. Soc.* **108(3)**, 239-241.
2. K.S. Meena, R.K. Gunsaria, N. Kumar, P.L.Meena, R.R. Meena, and **Kanta Meena (2011)** “Nitrate contaminations in ground water of villages of Deoli Teshil (Tonk District) Rajasthan” *J. Chem. Bio .Phy.Sci.* **1 (1)**, 102-105.
3. K.S. Meena, R.K. Gunsaria, N. Kumar , P.L. Meena, R.R. Meena and **Kanta Meena (2011)** “Fluoride Contaminated Ground Water and its Implications on Human Health in Deoli Tehsil (Tonk District) in Rajasthan.” *J. Chem. Bio. Phy. Sci.*, **(1) 2**, 271-278.
4. K.S. Meena, R.K. Gunsaria, **Kanta Meena**, N. Kumar and P.L. Meena **(2012)** “The Problem of Hardness in Ground Water of Deoli Tehsil (Tonk District) Rajasthan” *J.Curr, Chem.Pharma. Sc.* **2(1)**, 50-54.
5. K.S. Meena, R.K. Gunsaria, **Kanta Meena**, N. Kumar, P.L. Meena and R.R. Meena **(2012)** “Ground Water Quality Assessment of Rural Area of Deoli Tehsil, Tonk District

- (Rajasthan) with Special Reference to Fluoride Analysis” *Asian J. Chem.* **24 (12)**, 5906-5908.
6. **Kanta Meena**, S. Hussain and B.L. Yadav (2014) Photosynthetic pigments and their degradation under hyperthermia in two species of *Selaginella* Beauv. from Rajasthan, **Indian Fern Journal**, **31** : 118-123
  7. S. Hussain, B.L. Yadav, **Kanta Meena** and C.B. Gena (2015) Some new additions to the Pteridophytic Diversity of Kumbhalgarh Wildlife Sanctuary, Rajasthan, India, **The Journal of Biodiversity, Photon**, **115** : 465-472.
  8. B.L. Yadav and **Kanta Meena** (2015) Effect of Hyperthermia on cell membrane permeability of Indian species of *Selaginella* Beauv. from Rajasthan, **Indian Fern Journal**, **32** : 200-204.
  9. Kanta Meena and B. L. Yadav (2016) ***Selaginella P. Beauv. in Sitamata Wildlife Sanctuary of Rajasthan***, Indian Fern J. **33** : 175-187.
  10. **K. S. Meena**, Kanta Meena and R. K. Gunsaria (2017) Assessment of Groundwater Quality of Deoli Tehsil (Tonk District, Rajasthan) with Special Emphasis on Nitrate Analysis *Research & Reviews: Journal of Ecology*, 6 ( 3 ) , 1-5
  11. **K. S. Meena**, Kanta Meena and R. K. Gunsaria (2017) Skeletal Fluorosis in Populace of Deoli Tehsil (Tonk District), Rajasthan, India. *Journal of Water Pollution & Purification Research.* ; 4(3): 24–28
  12. .K. S. Meena and **Kanta Meena** (2017) Photochemical Bleaching of Textile Waste Water of Bhilwara (Rajasthan) by Photo Fenton Reagent. *Journal of Modern Chemistry & Chemical Technology.* **8(3)**: 33–36.
  13. B.L. Yadav and **Kanta Meena** (2019) *Ophioglossum gujaratense* Patil, Kachhiyapatel, Patel and Rajput (Ophioglossaceae)- A new record for Rajasthan, India, Indian Fern Journal, **36** : 235-240.
  14. **Kanta Meena** (2020) *In vitro* Developmental studies of *Selaginella Ciliaris* of Rajasthan under different light qualities, *Journal of Experimental Biology and Agricultural Sciences.* **8(5)**: 636 – 643.

15. K. S. Meena and **Kanta Meena** (2020) Photocatalytic Decolorization of Textile dye Methylene blue by photocatalyst  $WO_3$  and  $SnO_2$ , Research Journal of Chemical Sciences, **10 (3)**: 1-10
16. K. S. Meena and **Kanta Meena** (2021) Characteristics of Textile Waste water of Bhilwara (Rajasthan) and its photocatalytic Bleaching with  $SnO_2$  catalyst, Holistic Approach Environ. **11( 1)**: 13 – 18.

(B) No. of Books published- NIL

(C) No. of book chapters /papers in proceedings- 6

Details of published article-

1. **Kanta Meena** and M.K. Yadav (**2012**) Floristic Diversity in Deoli Tehsil Area of District Tonk Rajasthan. In K.L.Meena (Ed.) Proceeding of National Conference on Biodiversity Depletion Causes, Consequence and Solutions, Published by Department of Botany, M.L.V. Govt. College, Bhilwara, Rajasthan. 212-215.
2. K.S. Meena, **Kanta Meena**, N. Kumar and P.L.Meena (**2012**) Cause, Effect And Removal of High Fluoride in Drinking Water of Deoli Tehsil, Tonk District (Rajasthan). In K. L. Meena (Ed.) Proceeding of National Conference on Biodiversity Depletion Causes, Consequence and Solutions, Published by Department of Botany, M.L.V. Govt. College, Bhilwara, Rajasthan. 216-221.
3. K.S. Meena, R.K. Gunsaria and **Kanta Meena** (**2013**) Fluoride Toxicity in Populace of Deoli Tehsil of Tonk Distri (Rajasthan) and its effect on Health. In D.R. Khanna *et al.* ( Eds.) Climate Change Effects on Agriculture and Economy. **Biotech Books**, New Delhi. 275- 283.
4. K. S. Meena and **Kanta Meena**; Textile Industrial Waste water of Bhilwara (Rajasthan) and its treatment through Nanotechnology, **Proceeding of National Conference on Recent Advance in Materials Science and Technology**, Organized by Department of Physics, M.L.V. Govt. College, Bhilwara, (Raj.), Sponsored by UGC, New Delhi.99-102, **2014**. ISBN 978-81-930586-02

5. K.S. Meena, **Kanta Meena** and R.K. Gunsariya (2016) Dental Fuorosis in rural area of Deoli Tehsil (Tonk District) Rajasthan, India, Proceeding Int. Conference, on Recent Trends in Chemical Sciences, 28-29, Nov. 2016, 98- 102.
6. **K. S. Meena** and Kanta Meena (2020) Photochemical bleaching of Textile dye direct black 155 and reactive red 152 by photocatalyst SnO<sub>2</sub> , *Ecology Research Bhumi Publishing, India (Volume – I) (ISBN: 978-93-88901-19-2), 48-55*

Conference attended-	1.International-	11
	2. National -	13
Research projects handled-	Completed-	01
	Ongoing-	Nil
Member of BOS, Academic council-	No	

Other achievements –

1. Life member of The Indian Fern Society
2. Life member of The Indian Lichenological Society