

Bio-data

FACULTY PROFILE

- a) Dr. Shivani Sahu
- b) Assistant professor
- c) M.V.Sc.
- d) Veterinary Parasitology
- e) 9410101781, shivanisahu010@gmail.com
- f) Brief Profile

ACADEMIC QUALIFICATIONS

Exam/ Degree	Year of Passing	Name of Institute	Board/ University	% Marks/ OGPA	Class
10 th standard (S. S.C.)	2001	Scholars Home Sr. Sec. School Dehradun, UttarKhand (UK)	C.B.S.E	81.0	Distinction
12 th standard (H. S. C.)	2003	Scholars Home Sr. Sec. School Dehradun, UK	C.B.S.E	77.0	Distinction
B.V.Sc& A.H	2009	College of Veterinary and Animal Sciences Pantnagar, UK	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar	8.08/10	Distinction
M.V.Sc (Veterinary Parasitology)	2011	Indian Veterinary Research Institute	Indian Veterinary Research Institute	8.46/10	1 st Division
PG Diploma	2015	NAARM	University of Hyderabad		Distinction

Professional positions held so far:

Name of Post/Designation	Duration (from...to...)	University/Institute	Nature of duties
Veterinary Officer	1.12.11 to 12.12.13	Uttarakhand State, Animal Husbandry Department	Treatment & Extension
Assistant Professor Veterinary Parasitology	13.12.13 till present	S.V.P.U.A&T Meerut	Teaching, Research & Extension

Courses taught:

1. VPA-211	General Veterinary Parasitology& Helminthology	3+1
2. VPA-221	Veterinary Entomology and Acarology	1+1
3. VPA-222	Veterinary Protozoology	2+1
4. VLD-421	Veterinary Clinical Biochemistry& Laboratory Diagnosis -II	0+1
5. Tracking programme	Dermatology / Neuroscience	Non-Credit
6. Study Circle	Diagnostics	Non-Credit

M.V.Sc. Research (Veterinary Parasitology)

Thesis research work entitled “**Molecular Cloning and Characterization of Arginine Kinase gene of *Toxocara canis*.**”

Awards & Honours:

1. Awarded **Junior Research Fellowship (JRF)** by **ICAR**, for pursuing Masters Degree
2. Qualified **ICAR ARS-NET** examination 2011
3. Awarded ‘B’&‘C’ certificate of NCC
4. Awarded ‘B’&‘C’ certificate of National Service Scheme
5. Adjudged as “Best Veterinary Student Clinician (Female)” among the graduating students of Veterinary & Animal Sciences for the year 2008-2009.
6. Best poster award (1st Place) in Indian Association for the Advancement of Veterinary Parasitology (National) organized at Mannuthy from 5th- 7th February 2014.

List of Publications:**Research papers**

1. Kripali Pant, M.K.S. Rajput, Jitendra Kumar, **Shivani Sahu**, Vandna, Rajkumari and Pritee Gangwar.**2009**. Prevalence of helminthes in small ruminants in Tarai region of Uttarakhand. *Vet World* 2(7):265-266.
2. **Shivani Sahu**, S. Samanta, Sudhakar N. R, O.K. Raina, S. C. Gupta, T.K. Goswami, Madhu D.N and A. Kumar. **2013**. Characterization of somatic antigens of adult *Toxocara canis* by western blotting. *Vet World* 6(7):424-427.

3. Sudhakar N.R, S. Samanta, **S. Sahu**, O.K Raina, S.C Gupta, Madhu D.N and A. Kumar. **2013**. Prevalence of *Toxocara* species eggs in soil samples of public health importance in and around Bareilly, Uttar Pradesh. *Vet World* 6(2):87-90.
4. Sudhakar N. R, O.K. Raina, **Shivani Sahu**, S. Samanta, S. C. Gupta, P.S. Maurya and Ashok Kumar. **2012**. Molecular cloning and characterization of cathepsin-L cysteine protease gene of *Toxocara canis*. *Journal of Veterinary Parasitology*. 26(2):118-122.
5. **Shivani Sahu**, S. Samanta, Sudhakar N. R, O.K. Raina, S. C. Gupta, P.S. Maurya, A.M. Pawde, and Ashok Kumar. **2014**. Prevalence of Canine Toxocariasis in Bareilly, Uttar Pradesh, India. *Journal of parasitic Diseases. Journal of parasitic Diseases*. 38(1):111–115.
6. N.R. Sudhakar, S. Samanta, **Shivani Sahu**, O. K. Raina, S.C. Gupta, T.K. Goswami, K.M. Lokesh and Ashok Kumar. **2014**. Characterization of Excretory-Secretory antigens of adult *Toxocara canis* by Western blotting. *Journal of parasitic Diseases*. 38(2): 166-169.
7. **Shivani Sahu**, S. Samanta, D.R Harish, N. R. Sudhakar O.K. Raina, S,B. Shantaveer, D.N. Madhu and Ashok Kumar. **2015**. Molecular cloning and characterization of arginine kinase gene of gene of *Toxocara canis*. *Journal of parasitic Diseases*. 39(2):211-215.
8. Maurya P. S., **Sahu Shivani**, N. R. Sudhakar, Jaiswal Vikas, D. G. Prashant, Rawat Shriya and Verma Harshit (**2016**). Cryptosporidiosis in a buffalo calf at Meerut, Uttar Pradesh and its successful therapeutic management. *Journal of Parasitic Diseases (Oct-Dec 2016)* 40(4):1583–1585.
9. Varsha Bagde, Siju Susan Jacob, S. Samanta, **Shivani Sahu**, N. R. Sudhakar, J. K. Chamuah, Harikhesh Singh Yadav, Rajat Garg and O. K. Raina. **2013**. Cloning and expression of *Toxocara canis* arginine kinase recombinant protein for serodetection of toxocarosis in dogs. *Journal of Veterinary Parasitology*. 27(2):70-73.
10. N. R. Sudhakar, A. K. Tewari, B. R. Maharana, M. Sobha Rani, M. D.Venkatesha, V. Sreevatsava, S. Ranganatha, Ramesh. V. Jagapur, **Shivani Sahu**, Karuna Irungbam, B. C. Saravanan and H. V. Manjunathachar. **2014**. Seroprevalence of *Trypanosoma evansi* in cattle of Karnataka. *Indian J. Vet. Med.* 34(2):106-110.

Book chapter in Training Manual/Extension publications

1. S. Samanta; Sudhakar,N.R; **Shivani Sahu**.**2011**.Parasitic diseases - detection methods from conventional to modern approaches., compendium of summer school of division of animal husbandry extension. IVRI. Izatnagar

2. **Sahu Shivani**, Maurya P. S., N. R. Sudhakar (2016). Pashu ke pramukh antah parjeevi. Pashupalan Darshika. Held on 8-12th February at SVPUAT, Meerut. Page 38.
3. Rawat Shriya, **Sahu Shivani** (2016). Pashu janay rog avam nivaraan; Pashupalan Darshika. Held on 8-12th February at SVPUAT, Meerut. Page 36-37.
4. प्रेम सागर मौर्या, सिवनी साहू, देवेश कुमार यादव. 2017. फ़ससिँलोसिस जानवरओ मे. कुशल पशु प्रबंधन पद्धतियाँ, ISBN: 978-81-920370-3-5.
5. सिवनी साहू, प्रेम सागर मौर्या, सुधाकर न. र. 2017. पशुओं के प्रमुख रक्त परजीवी के प्रभाव, निदान एवम उपचार. कुशल पशु प्रबंधन पद्धतियाँ, ISBN: 978-81-920370-3-5.

Practical manuals for undergraduate (B.V.Sc & AH)

1. **Shivani Sahu**, N. R. Sudhakar, P. S. Maurya. Practical manual of Veterinary Entomology and Acarology. VPA 221. Department of Veterinary Parasitology, COVAS, SVPUA&T, Meerut.
2. P. S. Maurya, **Shivani Sahu**, N. R. Sudhakar. Practical manual of General Veterinary Parasitology and Helminthology. VPA 211. Department of Veterinary Parasitology, COVAS, SVPUA&T, Meerut.
3. P. S. Maurya, N. R. Sudhakar, **Shivani Sahu**. Practical manual of Veterinary Protozoology. VPA 222. Department of Veterinary Parasitology, COVAS, SVPUA&T, Meerut.

Professional Affiliations:

1. Life member of the Indian Association for the Advancement of Veterinary Parasitology.
2. Member of Uttarakhand State Veterinary Council.
3. Member of Veterinary Council of India.