

## ***CURRICULUM VITAE***

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### **Career Objective:**

- To attain excellence through hard work and innovation.
- Seeking a position where I can utilize my academic and practical knowledge for giving my best to that institution.
- Given an opportunity, I will accomplish any given task through hard work & sincerity.

### **Personal profile:**

Name: **Tara Chand Nayak**  
Father's name: Mr. Sukh Lal Nayak  
Date of Birth: 9 Mar, 1988  
Nationality: Indian  
Marital Status: Unmarried  
Educational Qualification: BVSc & AH, MVSc  
Contact phone number: +919461319494  
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Languages known: English and Hindi  
Address: Gali No- 18 Premnagar, Rampura, Lalgarh, Bikaner  
Rajasthan (334004) India



### **Academic qualifications:**

S.No.	Name of the University/Board	Name of Degree	OGPA/Percent	Year
1	College of Veterinary and Animal Science, Bikaner (Raj.)	PhD (Veterinary Clinical Medicine)	8.57	2017-2019
2	College of Veterinary and Animal Science, Bikaner (Raj.)	MVSc (Veterinary Epidemiology and Preventive Medicine)	8.07	2015-2017
3	College of Veterinary and Animal Science, Bikaner (Raj.)	BVSc & AH	7.22	2009-2014
4	Dron School	Higher Secondary	76%	2006
5	Dron School	Secondary	78%	2004

❖ ASRB- ICAR NET qualified in discipline of Veterinary Medicine- April, 2019.

### **Research experience:**

**M.V.Sc research work:** Studies on Prevalence of Enteric Salmonella (InvA gene) in Horses.

**Ph.D research work:** Clinico-haemato-biochemical and Therapeutic Studies of *Dalbergia sissoo* and *Aegle marmelos* on Colibacillosis in Young Calves.

### **Work experience:**

1. Assistant Professor- Department of Veterinary Medicine, Apollo College of Veterinary Medicine, Rajasthan University of Veterinary and Animal Sciences, Bikaner (334004) India 1 Jan. 2020 to 19 Aug. 2020.
2. Teaching Associate- Department of Epidemiology and Preventive Veterinary Medicine, College of Veterinary and Animal Science, Rajasthan University of Veterinary and Animal Sciences, Bikaner (334004) India 20 Aug. 2020 to 06 Dec 2023.
3. Assistant Professor- Department of Veterinary Medicine, College of Veterinary and Animal Science, Rajasthan University of Veterinary and Animal Sciences, Bikaner (334004) India 07 Dec 2023 to Cont.

### **Research publications:**

1. **Nayak, T.C.**, Singh, A.P., Savita, Dewal, V.S., Gupta, S.R., Kachhawa, J.P. and Yadav, R (2020) Antibacterial efficacy of aqueous and methanolic extracts of *Aegle marmelos* unripe fruit against *E. coli* isolates from colibacillosis affected diarrhoeic calves. *Veterinary Practitioner*, **21**(1): 62-63.
2. **T.C. Nayak**, A.P. Singh, A. Chahar, Savita, R. Yadav, J.P. Kachhawa and S.R. Gupta (2021). A study on alteration in serum biochemical parameters in colibacillosis affected diarrhoeic cattle calves. *Indian Journal of Animal Research*. B-4502: 1-5.
3. **T.C. Nayak**, A.P. Singh, Savita, R. Yadav, A. Chahar, S.R. Gupta and J.P. Kachhawa (2020). In Vitro Antibacterial Efficacy Of Aqueous and Methanolic Extracts of *Dalbergia Sissoo* (Shisham) Leaves Against *E. coli* Isolates from Diarrhoeic Calves Haryana Vet. (April, 2021) 60(Si), 41-43.
4. **Nayak, T.C.**, Singh, A.P., Savita, Yadav, R., Gupta, S.R. and Kachhawa, J.P. (2019). Studies on prevalence and risk factors associated with colibacillosis in cattle calves in Bikaner. *Ruminant Science*, **8**(1): 89-92.
5. **Nayak, T.C.**, Singh, A.P., Savita, Kachhawa, J.P., Gupta, S.R. and Yadav, R. (2019). A study on alteration in clinico-haematological parameters in colibacillosis affected diarrhoeic cattle calves. *International Journal of Chemical Studies*, 2019; **7**(5): 1559-1562.
6. **Nayak, T.C.**, Dedar, R.K., Chahar, A. and Savita (2018). Studies on prevalence and risk associated factors of enteric salmonella (inva gene) in horses in Bikaner. *Veterinary Practitioner*, **19**(1): 87-89.
7. **Nayak, T.C.**, Kachhawa, J.P., Savita, Dedar, R.K., Singh, A.P. and Chahar, A. (2017). Diagnosis and therapeutic management of enteric salmonellosis in horse. *Veterinary Practitioner*, **18**(2): 228-229.
8. **Nayak, T.C.**, Dhuria, D., Bihani, D.K., Singh, A.P., Savita, Kachhawa, J.P., Fakhruddin and Ahuja, A. (2016). Diagnosis and therapeutic management of

- diabetes mellitus in Spitz. *Journal of Canine Development & Research*, **12**: 70-71.
9. Savita, Singh, A.P., **Nayak, T.C.**, Chahar, A., Kachhawa, J.P. and Gupta, S.R. (2020). Prevalence of subclinical mastitis in cattle in and around Bikaner district of Rajasthan. *Journal of Entomology and Zoology Studies*, **8**(1): 1124-1127.
  10. Savita, Singh, A.P., **Nayak, T.C.**, Yadav, R. and Marwaha, S. (2020). Clinico-therapeutic management of ketosis in a buffalo: a case report. *Journal of Entomology and Zoology Studies*, **8**(1): 1174-1176.
  11. Savita, Chahar A, **Nayak, T.C.** and Marwaha, S. (2020). Prevalence of subclinical mastitis in cattle using modified california mastitis test. *The Pharma Innovation Journal*, **9**(2): 160-161.
  12. Savita, Dhuria, D. and **Nayak, T.C.** (2020). Diagnosis and therapeutic management of theileriosis in cattle calves. *International Journal of Zoology and Animal Biology*, **3**(1).
  13. Savita, Chahar, A., Tanwar, R.K., **Nayak, T.C.** and Sahu, M. (2018). Changes in constituents of sub-clinical mastitic milk of cattle. *Veterinary Practitioner*, **19**(1): 93-94.
  14. Savita, Chahar, A., Singh, A.P., Tak, L. and **Nayak, T.C.** (2018). Study of prevalence, somatic cell counts and electrical conductivity in sub-clinical mastitic cattle. *Veterinary Practitioner*, **19**(1): 98-100.
  15. Dewal, V.S., Chahar, A., Tuteja, F.C., Deepika, D., Singh, P., **Nayak, T.C.** and Tanwar T.K. (2018). Cutaneous candidiasis in camel (*Camelus dromedarius*) calves. *Veterinary Practitioner*, **19**(2): 229-230.
  16. Kachhawa, J.P., **Nayak, T.C.**, Savita, Marwaha, S. and Singh, A.P. (2018). Therapeutic management of hypodermosis in cattle. *The Blue Cross Book*, **37**: 65-67.
  17. Tak, L., Bais, B., Singh, R., Singh, S. and **Nayak, T.C.** (2018). Assessment of probiotic and neutraceutical properties of Camel milk yoghurt. *International Journal of Current Microbiology and Applied Sciences*, **7**(10): 3351-3357.
  18. Savita, Kachhawa, J.P., **Nayak, T.C.**, Koli, S.K. and Ahuja, A. (2018). A case report of pox in pigeons (*Columbia spp.*). *Indian Journal of Veterinary Medicine*, **37**(1 & 2): 116-117.
  19. Savita, Chahar, A., Tanwar, R.K., **Nayak, T.C.**, Dewal, V.S. and Goyal, P. (2017). Pathogens isolated from sub-clinical mastitis of cattle and their antibiogram. *Veterinary Practitioner*, **18**(2): 230-232.
  20. Savita, Singh, A.P., **Nayak, T.C.**, Gupta, S.R., Yadav, R., Kachhawa, J.P., Dhuria, D. and Ahuja, A. (2017). Diagnosis and therapeutic management of parvoviral gastroenteritis- a case report. *Journal of Canine Development & Research*, **13**: 40-42.
  21. Savita, Soni, Y., Ahuja, A. and **Nayak, T.C.** (2017). Therapeutic management of snake bite in a dog- a case report. *Journal of Canine Development & Research*, **13**: 48-50.
  22. Savita, **Nayak T.C.**, Bihani D.K., Dhuria D., Kachhawa J.P., Ahuja A., Vyas, S.K. and Mohammed, N. (2016). Canine distemper in a dog- a case report. *Journal of Canine Development & Research*, **12**: 72-74.
  23. Deepika, D., Choudhary, S., Savita, **Nayak, T.C.**, Ahuja, A., Bihani, D.K. and Chahr, A. (2016). Demodicosis in a dog- a case report. *Journal of Canine Development & Research*, **12**: 63-65.
  24. Yadav, J., Bihani, D.K., Ahuja, A., Meena, V.K., Dewal, V.S., **Nayak, T.C.** and Dadhich, R. (2016). Medical management of hepatic origin ascitis in a bitch- a case report. *Journal of Canine Development & Research*, **12**: 57-59.

### **Conference attended and research paper presented in conference:**

1. 1<sup>st</sup> Annual Convention of Veterinary Internal and Preventive Medicine Society and National Symposium on “Sustainable Improvement in Animal Health and Production-Bridging Science and Policy for Upliftment of Farmers ” organized by College of Veterinary Science and Animal Science, DUVASU, Mathura and Central Institute for Research in Goat (CIRG) Farah, Mathura from November 8-9, 2019.
2. 37<sup>th</sup> Annual Convention of Indian Society of Veterinary Medicine and National Symposium on “Holistic Approach in Veterinary Medicine for Better Animal Health to Meet Challenges of One Health Mission” organized by Department of Veterinary Medicine, College of Veterinary and Animal Science, Bikaner, Rajasthan University of Veterinary and Animal Sciences, Bikaner from February 1-3, 2019.
3. 36<sup>th</sup> Annual Convention of Indian Society of Veterinary Medicine and National Symposium on “Animal Health Service Delivery- The Priorities of the Professionals for Enhancing Farmers Income” organized by College of Veterinary Science and Animal Husbandry, Orissa University of Agriculture and Technology, Bhubaneswar from February 1-3, 2018.
4. XIV Annual Conference of Indian Association of Veterinary Public Health Specialists on “NATIONAL SYMPOSIUM ON INNOVATIVE APPROACHES TO PROMOTE FOOD SAFETY AND REDUCE THE RISK OF ZOOONOTIC DISEASE IN CONTEXT OF CLIMATE CHANGES” organized by Department of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Science, Udaipur, Rajasthan University of Veterinary and Animal Sciences, Bikaner from November 21-22, 2016.
5. THE 11 ANNIVERSARY INDIA-JAPAN INTERNATIONAL CONFERENCE BICON-2016 organized by Biyani Girls College, Jaipur from October 20-22, 2016.
6. NATIONAL CONFERENCE ON NEW HORIZON OF VETERINARY AND MEDICAL FORENSIC MEDICINE organized by Department of Clinical Veterinary Medicine, Ethics and Jurisprudence, Rajasthan University of Veterinary and Animal Sciences, Bikaner from March 5-6, 2016.
7. 34<sup>th</sup> Annual Convention of Indian Society of Veterinary Medicine and National Symposium on “NATIONAL SYMPOSIUM ON NEWER APPROACHES IN DIAGNOSIS AND MANAGEMENT OF ANIMAL DISEASES FOR SUSTAINABLE HEALTH AND PRODUCTION” organized by Department of Veterinary Medicine, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana from February 17-19, 2016.

### **Certificate courses:**

1. Zoonosis, Preparedness and Pubic Health, Center for Public Health Preparedness University at Albany School of Public Health, One University Place, Rensselaer, NY 12144
2. Emergency Animal Sheltering, Center for Public Health Preparedness University at Albany School of Public Health, One University Place, Rensselaer, NY 12144
3. COVID-19: Tackling the Novel Coronavirus, London School of Hygiene & Tropical Medicine and Uk Public Health Rapid Support Team

4. 21 DAYS NATIONAL TRAINING COURSE (NTC-2020) on “Preparing and Management of Result Oriented Research Projects in Agriculture, Horticulture, Animal Husbandry and Allied Sectors” National Agriculture Development Co-operative Ltd.

### **Internship:**

**Satisfactorily and successfully completed the six month duration of internship training programmed at different centers as follow:-**

1. Clinical Training:
  - a) Veterinary Clinical Medicine (CVAS, Bikaner) for one month
  - b) Veterinary Surgery & Radiology (CVAS, Bikaner) for one month
  - c) Animal Reproduction, Gynaecology and Obstetrics for one month
2. Training in Livestock Production and Management (CVAS, Bikaner) for one month
3. Training in Poultry Production and Management (CVAS, Bikaner) for one month
4. Livestock Technology and other Services for one month
  - a) Biological Product unit (B.P. Lab, Jaipur)
  - b) Disease Control Campaigns (S.D.D.C. Lab, Jaipur)
  - c) Plant Training in meat plants, milk plants
  - d) Zoo/Wild life center/National parks (Jaipur Zoo)

### **Technical Skills:**

Detailed knowledge of

- Conventional Microbiological techniques.
- Antibiotic sensitive testing.
- DNA Isolation technique.
- Molecular techniques: **Conventional PCR, Multiplex PCR, RT-PCR.**
- Gel Electrophoresis.
- PAGE
- Serological techniques: **ELISA**
- Cell culture and mass spectrometry
- Well verse with basic computer software and hardware skills
- Well verse Knowledge of Data Analysis using IBM- **Statistical Package for the Social Sciences**
- Handling of lab animals and blood collection
- Prevention, control, treatment of non-infectious, infectious and contagious diseases
- Handle Clinical emergencies, indoor and outdoor ward care
- Hospital management and record keeping

### **Memberships:**

- **Registered Veterinary Practitioner** through:
  - **VCI** (Veterinary Council of India), Reg. No.- 5542
  - **RSVC** (Rajasthan State Veterinary Council), Reg. No.- 4386
- **ISVM** (Indian Society for Veterinary Medicine), Reg. No.- C-316
- **VIPM** (Veterinary Internal and Preventive Medicine Society), Reg. No.- 184LM/VIPM/2019

**Honours/awards/professional recognitions conferred:**

1. First prize in 37<sup>th</sup> annual convention and symposium ISVM 2019, RAJUVAS, Bikaner.
2. Best participant award in 1<sup>st</sup> annual convention and symposium VIPM 2019, DUVASU, Mathura.
3. Appreciation certificate awarded in recognition of outstanding contribution and volunteered services during 37<sup>th</sup> annual convention and symposium ISVM 2019 RAJUVAS, Bikaner.
4. Appreciation certificate awarded in recognition of untiring efforts and constant support in organization of 17<sup>th</sup> All India Inter Agricultural Youth Festival 2017 RAJUVAS, Bikaner.

**Detail of participation/ association in sports and extracurricular activities:**

1. Participated In XIV All India Inter Agricultural University Sports And Games Meet 2013, KUVASU, Bidar.
2. Participated In National Integration Youth Camp 2006, Agra.
3. Participated In All Rajasthan Talent Scholarship Award 2003
4. Participated National Service Scheme Routine Activities and Special Camp 2010
5. Participated in Rudip Quiz Quest 2006
6. Winner College Sports Meet Kabddi 2013, RAJUVAS, Bikaner
7. Runner College Sports Meet Chess 2013, RAJUVAS, Bikaner
8. Runner World Veterinary Day Quiz 2012, RAJUVAS, Bikaner
9. Runner World Veterinary Day Quiz 2013, RAJUVAS, Bikaner

**Declaration:**

I certify that the above statements made by me are accurate, complete and true. I hereby agree that in case at any time, that the information provided by me in this form is not accurate, complete and true, the Company has right to withdraw my letter of appointment or to terminate my appointment at any time, without notice or compensation.

**Place:** Jodhpur

**Tara Chand Nayak**

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