

# Dr. Monika Soni

Assistant Professor

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## OBJECTIVE

A dedicated, highly dynamic & result oriented Veterinary Public Health professional having 8 year of experience in diagnosis ailments in various animals and providing treatment to help them to regain optimal strength and laboratory diagnosis of major zoonotic diseases using serological, immunological and molecular. Looking for a challenging opportunity in reputed academics where my exceptional academic record and ability to handle work pressure will be of immense help in achieving organizations' goals

## Experience/Internship

**April 2023 – till date – Assistant Professor** in Department of Veterinary Public Health & Epidemiology, Apollo College of Veterinary Medicine, Agra Road, Jaipur, include Teaching, Research and departmental duties

### Teaching Responsibilities:

1. **Course preparation:** Designing course syllabus, lectures, assignments and exams papers.
2. **Delivering Lectures:** Teaching the subject Veterinary Public Health & Epidemiology to the 3<sup>rd</sup> Year B.V. Sc. & A. H. students.
3. **Student Mentorship:** Advising students for their better performances in academics as well as in other extracurricular activities.
4. **Curriculum development:** contributing to update and improvement of departmental curriculum.

### Research Responsibilities:

1. **Conducting Research:** Pursuing research in field of expertise, collecting samples and conduct different bacterial isolation procedures etc.
2. **Publishing Work:** Writing and publishing articles.

### Service to the Institution and Profession:

1. **Departmental Duties:** Attending faculty meetings and monthly seminars.
2. **Cultural Activities:** Actively organized every academic and cultural activities by the students.

**November 2017-  
March 2023**

**Research Associate** in RKVY Project "Centre for Diagnosis, Surveillance and Response of Zoonotic Diseases (CDSRZ)" in Post Graduate Institute of Veterinary Education and Research (PGIVER)

- Sero-surveillance and Molecular Confirmation of highly contagious zoonotic diseases (Brucellosis, Bovine TB, Para-TB, Salmonellosis)
- Conducted various surveillance programme for farmers, vet and para-vet, faculties on zoonotic disease awareness
- Conducted and organized various hand-on training on molecular diagnosis and webinars on various thematic area of zoonoses.
- Statistical analysis of surveillance data collected from four different zones of Rajasthan state.
- Purchasing of instruments, chemicals and plasticwares using RC, Tender and other mode of methods.
- Report writing, Survey study through Questionnaires, article writing and booklets and laboratory manuals writing.

**June 2017-  
October 2017**

**Teaching Associate** at college of Veterinary & Animal Science, Navania, Udaipur, Rajasthan

- Individually supervised 30-40 students per lecture in practical and theory both.
- Actively engaged in Laboratory research in PCR & ABST, culturing the bacteria in media in Lab, Sterilized collection of samples, Administered medication, immunization to animals

**July 2014-  
December 2014**

**Veterinary Intern** from State Veterinary Poly Clinic, Jaipur, Rajasthan

- Extensive experience in treating and diagnosing a diverse array of diseases and injuries in animals.
- Strong analytical, problem solving & organizational abilities. Possess a flexible detail-oriented attitude.

## ACADEMIC QUALIFICATIONS

**M.V.Sc (Specialization: Veterinary Public Health)**

- College of Veterinary & Animal Science, Navania, Udaipur, Rajasthan
- Affiliated with Rajasthan University of Veterinary and Animal Sciences, Bikaner

- Year of passing: 2017
- Percentage: 85.5%
- **Thesis title:** Molecular Characterization and Antibigram of Escherichia coli strains Isolated from Milk and Milk Products.

#### **Bachelor of Veterinary Science & Animal Husbandry**

- Apollo College of Veterinary Medicine, Jaipur, Rajasthan
- Affiliated with Rajasthan University of Veterinary and Animal Sciences, Bikaner
- Year of passing: 2014
- Marks: 70.9%

#### **Intermediate (Medical)**

- Maa Bharti Senior Secondary School, Talwandi, Kota, Rajasthan
- Affiliated with R.B.S.E. securing 60.77% marks in 2008
- Year of passing: 2008
- Percentage: 60.77%

#### **Highschool (Medical)**

- Adarsh Vidya Mandir, Ramganjmandi, Kota, Rajasthan
- Affiliated with R.B.S.E.
- Year of passing: 2006
- Percentage: 76.33%

### **PROJECTS&PAPERPRESENTATIONS**

#### **1. List of Workshop & its Details**

S.No	Name of Conference & Workshop	Conference organized by	Title of Abstract/Paper/Participation	Date
01.	Indian Association of the Advancement of Veterinary Research (IAAVR) & Organizing Committee	Apollo College of Veterinary Medicine, Jaipur – Rajasthan, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	Participated	11 <sup>th</sup> -12 <sup>th</sup> February 2011
02.	7 <sup>th</sup> International Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students	Department of Clinics, Veterinary and Animal Sciences University, Tamilnadu, (TANUVAS) India and held at Veterinary College and Research Institute, Namakkal-637002, Tamilnadu.	1. Dermatitis in Canines	13 <sup>th</sup> -14 <sup>th</sup> August 2015
03.	National Conference on New Horizons of Veterinary and Medical Forensic Medicine	Department of clinical Veterinary Medicine, Ethics and Jurisprudence, College of Veterinary and Animal Science, Bikaner, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	1. Assessment of Adulteration in Milk	5 <sup>th</sup> -6 <sup>th</sup> March, 2016
04.	National Symposium on One Health Initiative to Foster Intersectoral Collaboration for Human and Animal Health	Department of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India	1. Area of Jaisalmer Pron to Botulism in Cattle (Poster Participated)	26 <sup>th</sup> -28 <sup>th</sup> April 2016
05.	XIV Annual Conference of Indian Association of Veterinary Public Health Specialists & National Symposium on Innovative Approaches to Promote Food Safety and Reduce the Risk of Zoonotic Diseases in Context of Climate Changes	Department of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences, Navania, Vallabh Nagar, Udaipur, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	1. Antibigram of Escherichia coli Isolated from Milk & Milk Products in Udaipur. 2. Prevalence of Escherichia coli isolated from Milk & Milk Products in Udaipur. 3. Status of Medical Waste Management in Udaipur and Public Health Risks. 4. Risk of Food Zoonotic Diseases from Fishes in Lake city. 5. Prevalence of Staphylococcus aureus isolated from dairy	21 <sup>st</sup> -22 <sup>nd</sup> November 2016

			ecosystem. 6. A Public Health Implication: Antibiotic Resistant Staphylococcus aureus isolated from raw milk and dairy workers. 7. Antibiotic Resistance in Chronic Wounds- A study of 20 cases.	
06.	VI Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on “Newer Concept and Approaches for Improvement in Animal Health Production”	College of Veterinary and Animal Sciences, Navania, Vallabhnagar, Udaipur, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	1. Emerging of Antibiotic Resistance in Milk-Borne Pathogens: An Intricate Public Health Issue	13 <sup>th</sup> -14 <sup>th</sup> December 2018
07.	National Symposium on Innovations in Animal Health- Current Challenges and Future Prospective and XXXI Annual Convention of Indian Association of Veterinary Microbiologist, Immunologist and specialists in infectious Diseases.	Department of Veterinary Microbiology, College of Veterinary Science, Sri Venkateshwara Veterinary University, Tirupati, Tamilnadu. Veterinary and Animal Sciences University, Tamilnadu, (TANUVAS) India	1.Prevalence and Antimicrobial resistance of Escherichia coli isolated from Raw Pooled Milk in Udaipur city of Rajasthan (Poster Presented)	29 <sup>th</sup> -31 <sup>st</sup> January 2018
08.	22 <sup>nd</sup> Indian Veterinary Congress, XXIX Annual Conference of IAAVR & National Symposium on Advancements in Veterinary Medical Research Contributing to “One Health for Betterment of Animal and Public Health and their Welfare.	Department of Veterinary Microbiolog, College of Veterinary and Animal Sciences, Navania, Vallabhnagar, Udaipur, Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner.	1.Sero-Surveillance and molecular characterization of Brucellosis in Livestock of Rajasthan	8 <sup>th</sup> -9 <sup>th</sup> April, 2022

## 2. List of Popular Articles and Booklets

S.No	Author Name	Title	Published Under
01.	Dr. Dharm Singh Meena, Dr. Vikas Galav, Dr. Sandeep Kumar Sharma, Dr. Nirmal Kumar Jeph, Dr. Lata Sharma, <b>Dr. Monika Soni</b>	Brucellosis	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.
02.	Dr. Dharm Singh Meena, Dr. Vikas Galav, Dr. Sandeep Kumar Sharma, Dr. Nirmal Kumar Jeph, Dr. Lata Sharma, <b>Dr. Monika Soni</b> , Dr. Shelesh Kumar Swami	Rabies	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.
03.	Dr. Dharm Singh Meena, Dr. Vikas Galav, Dr. Sandeep Kumar Sharma, Dr. Nirmal Kumar Jeph, Dr. Lata Sharma, <b>Dr. Monika Soni</b> , Dr. Lata Sharma	Bovine Tuberculosis	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.

## 3. List of Research papers published in National Journal

S.No	Author Name	Title	Journal Name	NAAS Rating
<b>01.</b>	Monika Soni, Abhishek Gaurav, Bincy Joseph, S. S. Shekhawat and Subhash Chand Meena	Prevalence and Drug Resistance Pattern of Escherichia coli Strains Isolated from Milk and Milk Products.	International Journal of Current Microbiology and Applied Sciences (IJCMAS). <i>Int.J.Curr.Microbiol.App.Sci.2019.8(10): 1338-1346.</i>	<b>5.38</b>

#### 4. List of Seminar & its Details

S.No	Seminar Title	Seminar organized by	Date
01.	“Zoonoses Awareness Training Program” and “Free Anti Rabies Vaccination Camp” at Seminar Hall 1 <sup>st</sup> Floor VCC, PGIVER, Jaipur	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	03-07-2018
02.	“Zoonoses Awareness Training Program” and “Free Anti Rabies Vaccination Camp” at Seminar Hall 1 <sup>st</sup> Floor & VCC Complex, PGIVER, Jaipur	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	04-07-2019
03.	“Zoonoses Awareness Training Program” at MarudharVidhyapeeth Sr. Sec. School, Agra Road, Jaipur.	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	04-07-2019
04.	International Webinar on “One Health Approach for Prevention & Control of Emerging Zoonoses & Rabies in India”	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	28-09-2020
05.	“Free Covid-19 Vaccination Camp ” at VCC Complex, PGIVER, Jaipur.	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	09-04-2021
06.	International Webinar on “Covid-19: Where do we go from here to deal Zoonoses”.	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	07-07-2021
07.	“Tree-Days hands on training program on Molecular Diagnostic training for PG and PhD students”	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	16-08-2021 to 18-08-2021
08.	An Awareness Seminar entitled “An Integrated Approach to prevent Rabies in Animals and Humans; The Best Possible One Health Strategies” at Seminar Hall 1 <sup>st</sup> Floor, PGIVER, Jaipur.	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	28-09-2021
09.	General Awareness Seminar at shankar Laal DhanukaAadarshVidhyapeeth, Jamdoli, Agra Road, Jaipur.	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	06-07-2022
10.	“Zoonoses Awareness Training Program” and “Free Anti Rabies Vaccination Camp” at Seminar Hall 1 <sup>st</sup> Floor & VCC Complex, PGIVER, Jaipur	RashtriyaKishiVikas Yojana- Centre for Diagnosis, Surveillance& Response of Zoonotic Diseases (CDSRZ), Post Graduate Institute of Veterinary Education and Research (PGIVER) Jaipur, RAJUVAS, Bikaner.	28-09-2022

#### TECHNIQUES AND SOFTWARE KNOWN

- Antibioqram of Escherichia coli isolated from Milk & Milk Products in Udaipur
- Prevalence of Escherichia coli isolated from Milk & Milk Products in Udaipur
- Status of Medical Waste Management in Udaipur and Public Health Risks
- Risk of Food Zoonotic Diseases from Fishes in Lake City
- Prevalence of Staphylococcus aureus isolated from dairy ecosystem
- A Public Health Implication: Antibiotic Resistant Staphylococcus aureus isolated from raw milk and dairy workers
- Antibiotic Resistance in Chronic Wounds- A Study of 20 Cases
- PCR
- ELISA
- Antibiotic sensitivity test (ABST)
- Different bacterial culture

- Worked on BSL-2 type (A2, B2) laboratory
- Gel electrophoresis and Gel documentation
- RBPT, STAT
- Used SPSS for surveillance data analysis

### TRAINING&EXTRACURRICULARACTIVITIES

- Advance training program for 15 Days in Disease Investigation Centre, Jaipur
  - Technical Skills Collection Handling, Storage, Transportation and Pasteurization at Jaipur Zila Dugdh Udpadak Sahakari Sangh Ltd.
  - Activity recorded at State Biological Product Laboratory ( B.P.Lab) Jaipur, Rajasthan.
  - Undertook training asan internat Jaipur Zoo
  - Participated in Training at Poultry and Cattle Farm Management at Apollo College of Veterinary Medicine, Jaipur
  - Worked as Volunteer with Hands for Animal & Nature Defense Services Trust (Regd.No. 4292)
1. Extra curricular Activities
- **Dancing-**
    - Perform for **Doordarshan**& won “**Meera Bai Puraskar**” in Secondary school.
    - Won **I<sup>st</sup>** position for the Group dance on the occasion of Sports & Cultural week 2015-16 at CVAS, Navania, Vallabh Nagar, Udaipur, Rajasthan.
    - Won **I<sup>st</sup>** position for the Solo dance on the occasion of Sports & Cultural week 2015-16 at CVAS, Navania, Vallabh Nagar, Udaipur, Rajasthan.
  - **Singing-**
    - Won **II<sup>nd</sup>** position for the Solo song performance on the occasion of Sports & Cultural week 2015-16 at CVAS, Navania, Vallabh Nagar, Udaipur, Rajasthan.
  - **Anchoring & Commentary**

### STRENGTHS

- Excellent Communication & Interpersonals kills
- Analytical and systematic thinking with methodical approach
- Ability to work under pressure and meet deadline

### PROFESSIONAL STRENGTH

My key attributes are caring nature towards my colleagues, rationality, optimistic view, team spirit, professionalism, cool temperament & loyalty.

*I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.*

**Dr. Monika Soni**

