

CURRICULUM-VITAE

Name : **Dr. Narendra Singh Rathore**

Father's Name: Sh. Prem Singh Rathore

Date of Birth : 14th September 1975

Designation : Assistant Professor - CVAS (RAJUVAS), Bikaner, Raj.

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OBJECTIVE & STRENGTHS:

I would like to work in a competitive ambience and be able to learn from the hands-on experience as a administrator and also as a Biochemist/Biotechnologist. I am driven by achievement, motivation and desire to excel. I have a passion of winning with zeal, determination and an indomitable spirit of coming out victorious.

PROFESSIONAL /EDUCATIONAL QUALIFICATION

QUALIFICATION	NAME OF INSTITUTE	NAME OF BOARD/ UNIVERSITY	% MARKS /OGPA	DIVISION	SUBJECT(S)
Ph.D.	College of Veterinary & Animal Science, Bikaner (Raj.)	RAJUVAS, Bikaner (Raj.)	8.38/10	1st	Animal Biotechnology
ICAR- NET	ICAR, New Delhi	ASRB, ICAR, New Delhi	Qualified	-	Animal Biochemistry
M.V.Sc.	College of Veterinary & Animal Science, Bikaner (Raj.)	Rajasthan Agricultural University, Bikaner (Raj.)	7.93/10	1st	Veterinary Biochemistry
B.V.Sc. & A.H	College of Veterinary & Animal Science, Bikaner (Raj.)	Rajasthan Agricultural University, Bikaner (Raj.)	6.05/10	1st	All Courses of Veterinary Science Prescribed by VCI
Senior secondary (10+2)	S.B. N. Senior Secondary School, Jaipur (Raj.)	Board of Sec. Education, Rajasthan	53.0%	2nd	Science Biology (PCB)
Secondary (10th)	Government Secondary School, Khichan, Phalodi, Jodhpur (Raj.)	Board of Sec. Education, Rajasthan	65.6%	1st	All Compulsory Subject

TITLE OF THESIS (M. V. Sc. & PhD)

- **M. V. Sc. (Veterinary Biochemistry)** Research on “**Biochemical Markers to Assess the Influence of Treadmill Exercise in German Shepherd (Alsatian) Dogs**”
- **Ph.D. (Animal Biotechnology)** Research on “**Isolation, Cultivation and Characterization of Stem Cells derived from Extra-embryonic Tissues of Equines**”

PROFESSIONAL EXPERIENCE

Institution	Duration		Designation	Nature of Work
	From	To		
Apollo College of Veterinary Medicine, Jaipur, Rajasthan	01.02.2006	21.08.2007	Asstt. Professor	Teaching and Research
College of Veterinary & Animal science, Navania, Vallabhnagar, Udaipur, Rajasthan	22.08.2007	16.06.2014	Asstt. Registrar	Administrative Works, DDO and Teaching work also
	16.06.2014	25.03.2015	Asstt. Registrar (Addl. Charge)	
College of Veterinary & Animal science, Navania, Vallabhnagar, Udaipur, Rajasthan	16.06.2014	21.03.2016	Asstt. Professor	Teaching and Research & Administrative Works (Additional)
College of Veterinary & Animal science, Bikaner, Rajasthan	22.03.2016	Till Date	Asstt. Professor	Teaching and Research
Livestock Research Station (LRS), Beechwal, Bikaner, Rajasthan	31.01.2018	02.01.2021	Officer Incharge (Addl. Charge)	Establishment and Research work related to LRS & All Projects & DDO as O/I
Centre for Excellence for Using Space Based Technology in Animal Sciences (CEUSBAS)	11.01.2023	Till Date	Principal Investigator (Addl. Charge)	Research, Extension & DDO of Project as PI

SHORT COURSE (21 DAYS)

- Winter School Entitled, “**Advances in Functional Genomic Concepts and Techniques for Quality Ruminant and Poultry Production**” Organized by the National Institute of Animal Nutrition and Physiology, Bangalore (Karnataka) from 26.09.2012 to 16.10.2012 **(21days)** sponsored by ICAR (Ministry of Agriculture) New Delhi.
- National Training Programme on “**In Vitro Fertilization Technology**” Organized by Embryo Biotechnology Lab, Animal Biotechnology Centre (ABTC), NDRI, Karnal from 10.01.2013 to 30.01.2013 **(21 days)** sponsored by DBT, Ministry of Science & Technology, Govt. of India, New Delhi.
- Summer School Training Programme Entitled, “**Improving Reproduction Rate through Assisted Reproductive and Stem cell Technologies for Enhancing Production in Small Ruminants**” Organized by the Central Institute for Research on Goats, Makhdoom, Farah, Mathura (U.P.) dated from 06.07.2017 to 26.07.2017 **(21days)** sponsored by ICAR (Ministry of Agriculture) New Delhi.
- **CAFT Short Course Training Programme on “Recent Advances in Stress Genomics for Livestock Production**” Organized by CAFT in Veterinary P & C Division, Indian Veterinary Research Institute, Izatnagar, Bareilly (U.P.) dated from 09.01.2018 to 29.01.2018 **(21 days)** sponsored by ICAR (Ministry of Agriculture) New Delhi.
- Orientation Training Programme on “**Teaching Methodology**” Organized by Directorate of Extension Education, RAJUVAS, Bikaner dated from 10.05.2019 to 30.05.2019 **(21 days)**
- 21 days winter school training on “**Integrating Phenomics and Genomics for Improving Livestock Production, Health and Well-Being**” organised by Division of Animal Genetics, ICAR-IVRI, Izatnagar, U.P. (sponsored by Agricultural Education Division, ICAR New Delhi) from 28.01.2022 to 17.02.2022 **(21 days)**
- **CAFT Short Course Training Programme on “Combating AMR in Livestock and Poultry: Recent Advances in Surveillance, Diagnostics and Therapeutics**” Organized by ICAR-CAFT in Department of Veterinary Microbiology, LUVAS, Hisar (Haryana) from 01.02.2023 to 21.02.2023 **(21 days)** sponsored by ICAR, New Delhi.
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NATIONAL SEMINAR/ CONFERENCES /SYMPOSIUM/WORKSHOP ATTENDED

- National Symposium on “**Newer Concepts and Challenges in Veterinary Science & Animal Husbandry**” XIIth Annual Conference of Indian Association of Advanced Veterinary Research - 2005 (IAAVR) and 5th Indian Veterinary Congress, held on December 31st 2004 & January 1st 2005 at CVAS, Bikaner, Rajasthan.
- National Seminar on “**Biotechnological Approaches to Challenges in Animal Health and Production**” and 2nd Annual Meeting of Society of Veterinary Science and Biotechnology, held on 06- 07 March, 2014, organized by : Department of Veterinary Biochemistry, College of Veterinary Science and Animal Husbandry, DUVASU, Mathura (U.P.).
- National Seminar on “**Translational Research in Biotechnology for Improving Animal Health and Production**” & 3rd Annual Meeting of Society of Veterinary Science and Biotechnology (SVSB) held on October 7-8, 2015 at Rajasthan University of Veterinary & Animal Sciences, Bikaner (Rajasthan).

- National Conference on “**Perspectives and Challenges towards Environmental Sustainability**” held on December 11-13, 2015 jointly organized by Green India Clean Environment Society (GICES), Sri Ganganagar, Rajasthan & S. K. Rajasthan Agricultural University, Bikaner (Rajasthan).
- National Workshop on “**5F and hydroponics towards Sustainable Development of Farmers**” held at Rajasthan University of Veterinary & Animal Sciences, Bikaner on 28 February, 2016 organized by Livestock Feed Resource Management and Technology Centre, Bikaner & Ayurvet Limited, New Delhi.
- National Brainstorming conference convention of “**Farmer Scientists, Progressive Farmers and Subject Matter Specialists**” held at Rajasthan University of Veterinary & Animal Sciences, Bikaner on March 9-10, 2017 organized by Directorate of Extension Education, RAJUVAS, Bikaner, Rajasthan.
- National Symposium on “**Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production**” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI) held on June 02-03, 2017 organized by Deptt. Of Vety. Biochemistry, Veterinary College, Hebbal, KVAFSU, Bengaluru – 560024 (Karnataka).
- National Symposium on “**Use of Reproductive Technologies and Production Improvement in Livestock Species Aiming to Socio-Economic Development of Rural Mass**” & XXXIII Annual Convention of The Society for Study of Animal Reproduction held on 9th to 11th February, 2018 organized by ARDD, Govt. of West Bengal & WBUAFS, Kolkata (W.B.)
- National Seminar on “**Recent Development and Strategies for Management of Disasters in Animals**” held on 13th – 14th March, 2018 at Centre for Disaster Management Technology for Animals, RAJUVAS, Bikaner (Rajasthan)
- National Symposium on “**Holistic Approach in Veterinary Medicine for Better Animal Health to Meet Challenges of One Health Mission**” & 37th Annual Convention of Indian Society for Veterinary Medicine held on 1-3 February, 2019 Organized by Department of Clinical Veterinary Medicine, Ethics and Jurisprudence , CVAS (RAJUVAS), Bikaner-334001 (Raj.) India
- SAPICON 2020: XXVIII Annual Conference & National Symposium on “**Physiological approaches to address environmental challenges for increasing animal productivity and farmer’s income**” held on 18-19 February, 2020 organized by ICAR-Central Sheep and Wool Research Institute, Avikanagar-304501 .
- ONLINE SAPICON-2021: XXIX Annual conference of Society of Animal Physiologists of India on “**Recent Approach to Escalate Livestock Productivity Under Current Socio-Economic Scenario**” held on 25-26 February, 2021 organized jointly by Society of Animal Physiologists of India In association with Bihar Animal Sciences University, Patna-800014
- 5th National Convention on “**Krishi Evam Atamnirbhar Bharat**” during March 6-7, 2021 organized by Vidyarthi Kalyan Nyas, Bhopal at National Agricultural Science Complex (NASC), ICAR, New Delhi.
- 5th Annual Convention of Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) and National Symposium on “**Current Challenges for Animal Biochemists and Biotechnologists for Improving Animal Health and Production**” from March 24-25, 2021 organized by Department of Veterinary Biochemistry, College of Veterinary Science and Animal Husbandry, DUVASU, Mathura (UP)-281001 India.

- National Seminar and Annual Conference on **“Prospects and Potential of Small Ruminants Production for Enhancing Income under Changing Scenarios”** held on November 10-12, 2022 organized by ICAR- CSWRI, Avikanagar (RAJ.)
- 6th National Symposium and Annual Convention of SVBBI on **“Innovative Approach and Strategies for Animal Biochemistry and Biotechnology towards Holistic Development in Animal Health and Productivity”** held on 05-06 January 2023 organized by College of Veterinary Science and Animal Husbandry, NDVSU, Jabalpur (M.P.)
- XXIII Annual conference of Indian Society of Veterinary Pharmacology and Toxicology and National Symposia on **“Integrated Animal Health Care System: Opportunities and Challenges and Exploring New Avenues for Pharmacologists and Toxicologists from Employability Perspective”** held on 02-04 November, 2023 organized by Department of Veterinary Pharmacology and Toxicology, CVAS, Bikaner (RAJUVAS)

INTERNATIONAL SEMINAR / CONFERENCES / SYMPOSIUM ATTENDED

- International Buffalo Conference on **“Optimizing Buffalo Productivity through Conventional and Novel technologies”** held on February 1-4, 2010 at NASC Complex, New Delhi.
- International Symposium on **“Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation”** & XVII Annual Convention of India Society of Veterinary Immunology & Biotechnology held on 29-31 December, 2010 at CVAS, Bikaner, Rajasthan.
- International Congress of Canine Practice on **“Modern Concepts in Canine Health and Diseases of Human Concern”** and 9th Convention of Indian Society for Advancement of Canine Practice held on 9th – 11th February 2012 at CVAS, Bikaner, Rajasthan.
- International Symposium on **“Latest Trends in Immunodiagnosis, Immunopathology and Immunomodulation”** held on 22-24 December, 2013 organized by: Society for Immunology & Immunopathology at CVAS, RAJUVAS, Bikaner.
- **Third international conference of Bioresource and Stress Management; 8-11 Nov-2017; Jaipur , Rajasthan**
- VII Annual Convention of SVBBI and International Symposium on **“Multiomics to one health: Challenges and way forward in Biomedical Research”** held on 14-15 December, 2023 organized by Division of Veterinary Biochemistry, ICAR-IVRI, Izatnagar, Bareilly-243122 (U.P.)
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RESEARCH PUBLICATIONS IN REFERRED JOURNALS

- **N. S. Rathore¹**, Anil Moolchandani, Meenaxi Sareen and D. S. Rajput **“EFFECT OF TREADMILL EXERCISE ON PLASMA CORTISOL HORMONE LEVEL IN GERMAN SHEPHERD DOGS” Veterinary Practitioner, Bikaner, 11 (1): 10-12 (June, 2010).**
- **N. S. Rathore¹**, , Anil Moolchandani, Meenaxi Sareen and Devi Singh Rajput² **“EFFECT OF TREADMILL EXERCISE ON SOME PHYSIOLOGICAL AND HEMATOLOGICAL PARAMETERS IN GERMAN SHEPHERD DOGS” Veterinary Practitioner, Bikaner, 12(1): 38-39 (June, 2011).**

- **N. S. Rathore¹**, Anil Moolchandani, Meenaxi Sareen and Devi Singh Rajput (2010) “EFFECT OF TREADMILL EXERCISE ON PLASMA ENZYME IN GERMAN SHEPHERD DOGS” **Veterinary Practitioner, Bikaner, 13(2): 263-265 (December, 2012).**
- H. A. Waiz, L. K. Gautam, N. A. Nisar, **N. S. Rathore**, R. K. Nagda “EFFECT OF WET FEEDING ON EGG QUALITY PARAMETERS IN LAYING HENS” **Veterinary Practitioner, Bikaner, 17(1): 142-144 (June, 2016).**
- PC Sharma, Barkha Gupta, Monika Joshi, Tarun Preet, S Pareek, **NS Rathore** and RK Nagda “INFLUENCE OF GENETIC AND NON-GENETIC FACTORS ON GROWTH PERFORMANCE OF SONADI SHEEP” **Ruminant Science, Mathura, 05(2): 165-167 (December, 2016).**
- Usha Choudhary, Meenaxi Sareen, Anil Moolchandani and **N S Rathore** “EFFECTS OF KETOSIS ON COMPLETE LIPID PROFILE IN BUFFALOES” **Veterinary Practitioner, Bikaner, 18(1): 87-88 (June, 2017).**
- Rahul Yadav, Jyotika Yadav, Kritika Gahlot, Mukul Purva, Anupama Deora, Pankaj Kumar, Purna Nathawat, **N. S. Rathore**, Sunil Maherchandani & S. K. Kashyap “REPETITIVE EXTRAGENIC PALINDROMIC-PCR (REP-PCR) TYPING OF CAMPYLOBACTER JEJUNI ISOLATED FROM POULTRY” **Veterinary Practitioner, Bikaner, 18(2): 160-162 (December, 2017).**
- V. S. Dewal, A. Chahar, F. C. Tuteja, T. K. Tanwar, A. P. Singh, **N. S. Rathore** and Savita “DERMATOPHYTOSIS IN DROMEDARY CAMEL (*CAMELUS DROMEDARIUS*)” **Veterinary Practitioner, Bikaner, 18(2): 233-236 (December, 2017).**
- **N S Rathore**, S K Kashyap, Anupama Deora, Pankaj Kumar, J Singh, B N Tripathi and T R Talluri “ISOLATION AND CULTURE OF PUTATIVE MESENCHYMAL STEM CELLS FROM EQUINE UMBILICAL CORD WHARTON’S JELLY” **Indian Journal of Animal Sciences, 88 (9): 1025-1029 (September, 2018)**
- **NS Rathore**, Kashyap SK, Anupama Deora, Pankaj Kumar, J Singh, B N Tripathi and T R Talluri “ISOLATION AND CULTURE OF PUTATIVE MESENCHYMAL STEM CELLS FROM THE EQUINE AMNIOTIC MEMBRANE” **Veterinary Practitioner, Bikaner, 19(2): 180-183 (December, 2018).**
- Gajraj Singh, Anil Moolchandani, Meenaxi Sareen, **Narendra Singh Rathore**, Amit Pandey “EFFECT OF PREGNANCY STRESS ON LEVEL OF SOME SERUM METABOLITES IN KANKREJ CATTLE” **Veterinary Practitioner, Bikaner, 20 (1): 13-14 (June, 2019).**
- **N S Rathore**, S K Kashyap, Anupama Deora, Pankaj Kumar, J Singh and T R Talluri “EXPRESSION OF REPROGRAMMING FACTORS IN MESENCHYMAL STEM CELLS ISOLATED FROM EQUINE UMBILICAL CORD WHARTON’S JELLY AND AMNIOTIC FLUID” **Indian Journal of Animal Sciences 91 (2): 114–120 (2021)**
- Lokendra Singh, Umesh S Suradkar, Dinesh M Chavhan, **Narendra Singh Rathore**, Karishma Rathore, Praveen Kumar and Ramesh Chand Jat “STUDY OF THE SHELF LIFE OF GOAT MILK PANEER AT REFRIGERATION TEMPERATURE” **International Journal of Veterinary Sciences and Animal Husbandry 6(1): 28-30 (2021)**
- Kalpana Jorasia , Rajani Kr. Paul , **N. S. Rathore**, Pyare Lal , R. Singh and Meenaxi Sareen “PRODUCTION OF BIOACTIVE RECOMBINANT OVINE CYSTEINE-RICH SECRETORY PROTEIN 1 IN ESCHERICHIA COLI” **Systems Biology in Reproductive Medicine 67 (6): 471-481 DOI: 10.1080/19396368.2021.1963012 (2021)**
- Kirti Suthar, Shirish Dadarao Narnaware, Rakesh Ranjan, Anil Moolchandani and **Narendra Singh Rathore** “PREVALENCE OF ANTIBIOTIC RESISTANCE GENES IN *Escherichia Coli* INFECTED DIARRHOIC AND HEALTHY CAMEL CALVES” **The Scientist 1 (3): 628-634 (2022)**

- MK Agarwal, **NS Rathore**, AK Pandey, RC Sharma, and B Gupta “AMPLIFICATION OF *FecB* (BOORoola) GENE OF *BMPRIb* IN GAROLE SHEEP THROUGH LAMP TECHNIQUE” **Ruminant Sciences** 11 (2): 343–346 (December, 2022)
- Ram Kumar Gahlot, Basanti Jyotsana, Ved Prakash, Shirish Dadarao Narnaware and **N S RATHORE** “MOLECULAR CHARACTERIZATION OF *Toll-like Receptor 2 Gene* in BIKANERI CAMELS (*Camelus dromerius*)” **Indian Journal of Animal Sciences** 93(7): 706–710 (July, 2023)
- Shikha Bishnoi, **Narendra Singh Rathore**, Kritika Dhial, Sita Ram, Brij Nandan Shringi and Amit Kumar Pandey “POLYMERASE CHAIN REACTION BASED LUMPY SKIN DISEASE DIAGNOSTIC TEST USING *viral p32* GENE” **International Journal of Advanced Biochemistry Research SP-8** (1): 470-475 (January, 2024)
- Pyare Lal, Kalpana Jorasia, **Narendra Singh Rathore**, Vijay Kumar, Raghvendar Singh, Anil Moolchandani, Rajani Kr. Paul “PURIFICATION AND PARTIAL CHARACTERIZATION OF A SPERM MOTILITY INHIBITORY PROTEIN OF CAUDA EPIDIDYMAL PLASMA” **Cell Biochemistry and Function** (2024);42:e3930 DOI: 10.1002/cbf.3930

POPULAR ARTICLES

- Gopal Puri, Devi Singh Rajput, **N. S. Rathore** and Pankaj Thanvi “Text and Reference Books For B.V.Sc. & AH”. Annual Magazine of Apollo College of Veterinary Medicine, Jaipur (2005-06).
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RESEARCH ABSTRACTS PUBLISHED IN NATIONAL SEMINAR/ CONFERENCES /SYMPOSIUM

- **N. S. Rathore**, A. Moolchandani, M. Sareen, S. Sharma and J. K. Vaishnava “**Normal Cortisol Hormonal Level of Adult German Shepherd Dogs**” published in Compendium of National Symposium on “Newer Concepts and Challenges in Veterinary Science & Animal Husbandry” XIIth Annual Conference of Indian Association of Advanced Veterinary Research -2005 and 5th Indian Veterinary Congress, : 182-183(2004-05)
- S. Sharma , A. Moolchandani, M. Sareen, **N. S. Rathore** and J. K. Vaishnava “**Normal Cortisol Hormonal Level of Adult Karakul Sheep**” published in Compendium of National Symposium on “Newer Concepts and Challenges in Veterinary Science & Animal Husbandry” XIIth Annual Conference of Indian Association of Advanced Veterinary Research -2005 and 5th Indian Veterinary Congress, : 182(2004-05)
- Pankaj Thanvi, Devi Singh Rajput, **N. S. Rathore** and Hemant Joshi “**Study of The Lumbar Vertebrae of Leopard (Panthera Pardus)**” published in Compendium of XXVIII Annual Convention of India Association of Veterinary Anatomists & National Symposium on “Veterinary Anatomy Vision 2050- Improvement, Challenges and Opportunities in Relation to Animal as Well as Human Health and Biodiversity” Abstracts P. 144 (January 8-10, 2014).
- Nagda R. K., Sharma M. C. & **Rathore N. S.** “**Growth Variability in Sirohi Kids Under Field Condition**” Published in Compendium of National Seminar on “Sheep and Goat Biodiversity and Breeding Policies – Issues and Perspective” and Annual Conference of Indian Society for Sheep and Goat Production & Utilization Abstract P. 190 (February 21-22, 2014).
- N. Dalai, **N. S. Rathore**, S. Shekhar, B. K. Dewangan, P. K. Praveen and R. Rai “**Comparison of Caprine Follicular Fluid to That of Follicular Size with Respect to Biochemical Composition**” published in Compendium of 2nd Annual Meeting of Society of Veterinary Science and Biotechnology and National Seminar on Biotechnological approaches to challenges in animal health and production, Abstract P. 90 (06-07 March, 2014).
- Bincy Joseph; Chandan Prakash; Deepak Sharma; **N.S. Rathore**; Sanweer Khatoon; Hakkim Manzer Alam; Tikam Chand Goyal “**Phase Display Technique: A Novel Approach for Oral Vaccine Development**” published in Compendium of 3rd Annual Meeting of Society of Veterinary Science and Biotechnology and National Seminar on Translation Research in Biotechnology for Improving Animal Health and Production, Abstract P. 109 (07-08 October, 2015).

- Bincy Joseph; Deepak Sharma; Chandan Prakash; **N. S. Rathore**; Karishma Rathore; Mahender Miland; Goverdhan Singh Rajpurohit “**Antibiotic Resistance Pattern of Bacterial Isolates from Clinical Samples in Udaipur District of Rajasthan**” published in Compendium of 3rd Annual Meeting of Society of Veterinary Science and Biotechnology and National Seminar on “Translation Research in Biotechnology for Improving Animal Health and Production” Abstract P. 109 (07-08 October, 2015).
- Dr. Purna Nathawat; Dr. Siddharth Singh Rathore; Dr. Pankaj Kumar and **Dr. Narendra S. Rathore** “**Role of Molecular Biomarker System for Assessing Pollution Stress on Human and Animals**” published in compendium of National Conference on “Perspectives and Challenges towards Environmental Sustainability” held on December 11-13, 2015.
- **Narendra Singh Rathore**, T. Thirumala Rao, Pankaj Kumar; Anupama Deora, Purna Nathawat, Kritika Gahlot, Priyanka Rathore & Sudhir Kumar Kashyap “**Protein Characterization Analysis and Identification by MALDI-TOF Mass Spectrometry**” published in compendium of National Symposium on “Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI), Abstract ID 8093 P. 89 (June 02-03, 2017).
- **Narendra Singh Rathore**, T. Thirumala Rao, Pankaj Kumar; Amit Kumar Pandey, Anupama Deora, Sudhir Kumar Kashyap “**Isolation Culture and Characterisation of Mesenchymal Stem Cells Isolated from Wharton’s Jelly and Umbilical Cord of Marwari Mares**” published in compendium of National Symposium on “Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI), Abstract ID 8105 P. 89 (June 02-03, 2017).
- Priyanka Nehra, Meenaxi Sareen, Anil Moolchandani, **Narendra Singh Rathore**, Amit Kumar Pandey, Chetna Mahajan “**Blood Biochemical Parameters in Response to Lactation Stress in Sahiwal Cattle**” published in compendium of National Symposium on “Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI), Abstract ID 8149 P. 97 (June 02-03, 2017).
- Gajraj Singh, Meenaxi Sareen, Anil Moolchandani, **Narendra Singh Rathore**, Amit Kumar Pandey, Chetna Mahajan “**Blood Biochemical Parameters in Response to Pregnancy Stress in Kankrej Cattle**” published in compendium of National Symposium on “Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI), Abstract ID 8150 P. 83 (June 02-03, 2017).-**Best Poster**
- Usha Choudhary, Meenaxi Sareen, Anil Moolchandani, **Narendra Singh Rathore**, Amit Kumar Pandey, Chetna Mahajan, Bhag Singh Dhaked “**Blood Biochemical Indices of Ketosis in Buffaloes (*Bubalus Bubalis*)**” published in compendium of National Symposium on “Innovative and Emerging Biochemical and Biotechnological Tools to Augment Animal Health and Production” & 2nd Annual Convention of Society of Veterinary Biochemists & Biotechnologists of India (SVBBI), Abstract ID 8151 P. 77 (June 02-03, 2017).

- **NS Rathore**, Kashyap SK, Anupama Deora, Pankaj Kumar, J Singh, B N Tripathi & T R Talluri “**Isolation, Culture and Characterisation of Mesenchymal Stem Cells from Equine Umbilical Cord Wharton’s Jelly**” published in compendium of National Symposium on “Use of Reproductive Technologies and Production Improvement in Livestock Species Aiming to Socio-Economic Development of Rural Mass” & XXXIII Annual Convention of The Society for Study of Animal Reproduction, Abstract 162 P. 190 (9th-11th February, 2018)
- Anil Moolchandani, Meenaxi Sareen, **Narendra Singh Rathore** and Pyare Lal “**Environmental effect of heat stress on the thyroid hormone profile in Marwari sheep**” Published in Compendium of SAPICON 2020: XXVIII Annual Conference & National Symposium on “**Physiological approaches to address environmental challenges for increasing animal productivity and farmer’s income**” February 18-19, 2021 organized at ICAR-Central Sheep and Wool Research Institute, Avikanagar-304501 .
- Anil Moolchandani, Meenaxi Sareen, **Narendra Singh Rathore** and Pyare Lal “**Blood biochemical Profile of Jersey Dairy Cattle During Heat Stress**” Published in Compendium of ONLINE SAPICON-2021: XXIX Annual conference of Society of Animal Physiologists of India on “RECENT APPROACH TO ESCALATE LIVESTOCK PRODUCTIVITY UNDER CURRENT SOCIO-ECONOMIC SCENARIO” organized jointly by Society of Animal Physiologists of India In association with Bihar Animal Sciences University, Patna-800014, Abstract P. 29 (25th -26th February, 2021)
- Anil Moolchandani, Meenaxi Sareen, **Narendra Singh Rathore** and Pyare Lal “**Importance of antioxidants and trace elements in the maintenance of health and immunity of dairy cows**” Published in e- Compendium of 5th Annual Convention of Society of Veterinary Biochemists and Biotechnologists of India (SVBBI) and National Symposium on “**Current Challenges for Animal Biochemists and Biotechnologists for Improving Animal Health and Production**” organized by Department of Veterinary Biochemistry, College of Veterinary Science and Animal Husbandry, DUVASU, Mathura (UP). Abstract P. 41 (24th -25th March, 2021)
- M. K. Agarwal, A. K. Pandey, P. Mohata, K. Gahlot, B. N. Shringi, S. Maherchandani, R. C. Sharma, **N. S. Rathore** and R. Kumar Published Abstract in Compendium of National Seminar and Annual Conference of Indian Society for Sheep and Goat Production and Utilization (ISSGPU) on “**Prospects and Potential of Small Ruminants Production for Enhancing Income under Changing Scenarios**” organized by ICAR- CSWRI, Avikanagar (November 10-12, 2022)
- **N. S. Rathore** “**Detection of Camel Milk Adulteration through Cow Milk Using LAMP Assay**” Presented and Published in Compendium of 6th National Symposium and Annual Convention of SVBBI on “**Innovative Approach and Strategies for Animal Biochemistry and Biotechnology towards Holistic Development in Animal Health and Productivity**” organized by College of Veterinary Science and Animal Husbandry, NDVSU, Jabalpur (05-06 January 2023)
- **N. S. Rathore** “**Enzymatic and Mineral Profiling Changes in Lactating.....at different Stages**” Presented and Published in Compendium of 6th National Symposium and Annual Convention of SVBBI on “**Innovative Approach and Strategies for Animal Biochemistry and Biotechnology towards Holistic Development in Animal Health and Productivity**” organized by College of Veterinary Science and Animal Husbandry, NDVSU, Jabalpur (05-06 January 2023)

- R. K. Nagda, S. K. Sharma, **N. S. Rathore** and S. P. Tailor “**Subsequent Productive and Reproductive Performance of Abnormal Calved Surti Buffaloes**” published in Compendium “Optimizing Buffalo Productivity Through Conventional and Novel Technologies” under proceeding of International Buffalo Conference, (II): P. 88 (February 01-04, 2010)
- **Narendra Singh Rathore**, Anil Moolchandani, Meenaxi Sareen and Devi Singh Rajput “**Effect of Treadmill Exercise on Plasma Enzymes Level in German Shepherd Dogs**” Published in Compendium of International Symposium on “Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation” & XVII Annual Convention of India Society of Veterinary Immunology & Biotechnology, : P. 84 (December 29-31, 2010)
- **N. S. Rathore**, A. Moolchandani, M. Sareen and D. S. Rajput “**Effect of Treadmill Exercise on Creatine Kinase and Lactate Dehydrogenase Enzyme Level in German Shepherd Dogs**” Published in Compendium of International Congress of Canine Practice on Modern Concepts in Canine Health and Diseases of Human Concern and 9th Convention of Indian Society for Advancement of Canine Practice, : Abstract 5: VII, P. 203 (February 9-11, 2012).
- **Narendra Singh Rathore**, Anil Moolchandani, Meenaxi Sareen and Devi Singh Rajput “**Effect of Treadmill Exercise on Plasma Concentrations of Triglycerides and Cholesterol in German Shepherd Dogs**” Published in Compendium of International Congress of Canine Practice on Modern Concepts in Canine Health and Diseases of Human Concern and 9th Convention of Indian Society for Advancement of Canine Practice, : Abstract 35: VII, P. 214 (February, 2012).
- **N. S. Rathore**, Anil Moolchandani, Meenaxi Sareen, Devi Singh Rajput and Pankaj Thanvi- “**Influence of Treadmill Exercise on Different Metabolites in German Shepherd Dog**” published in Compendium of International Symposium on Immunology & Immunopathology, Abstract IM-18, Vol. 15 Issue 1, P. 98 (January – June 2013/ December 22-24, 2013)
- Pradeep Godwal, Vijay Kumar, Amit Kumar Chotiya, **N. S. Rathore**, Meenaxi Sareen, Anil Moolchandani, R. A. Legha and B. N. Tripathi “**Diurnal rhythm of blood biochemical parameters of sun exposed Martina Franca jacks in semitropical desert climate**” Published in Compendium of Third International Conference on Bioresource and Stress Management held at Jaipur, P. 368 (November 8-11, 2017)
- Vijay Kumar, Amit Kumar Chotiya, R. A. Legha, Yash Pal, Pradeep Godwal, **N. S. Rathore**, Meenaxi Sareen, Anil Moolchandani, Raghvendar Singh and B. N. Tripathi “**Effect of Stress Induced by 100N Draught load on Biochemical Responses in Indigenous Donkeys**” Published in Compendium of Third International Conference on Bioresource and Stress Management held at Jaipur, P. 387 (November 8-11, 2017)
- Amit Kumar Chotiya, Vijay Kumar, R. A. Legha, Yash Pal, Pradeep Godwal, **N. S. Rathore**, Meenaxi Sareen, Anil Moolchandani, Raghvendar Singh and B. N. Tripathi “**Effect of Stress Induced by 100N Draught load on Physiological and Hematological Responses in Indigenous Donkeys**” Published in Compendium of Third International Conference on Bioresource and Stress Management held at Jaipur, P. 389 (November 8-11, 2017)
- **Panelist for Panel Discussion** on Innovative Faculty Training and Teaching Methods in Animal Physiology in SAPICON-2020: XXVIII Annual Conference & National Symposium on “Physiological approaches to address environmental challenges for increasing Animal Productivity and Farmer’s income” held at ICAR-CSWRI, Avikanagar on 18-19 February, 2020, organized by SAPI & ICAR-CSWRI, Avikanagar

- Shikha Bishnoi, **Narendra Singh Rathore**, Kritika Dhial, Sita Ram, Brij Nandan Shringi, Amit Kumar Pandey “**Polymerase Chain Reaction based Diagnostic Test Using *LSDV p32 Gene***” presented and Published in Compendium of VII Annual Convention of SVBBI and International Symposium on “Multiomics to One Health: Challenges and Way Forward in Biomedical Research” held at Division of Biochemistry, ICAR-IVRI, Izatnagar, Bareilly-(14th-15th December 2023)- **Best Poster Award-I**
- Pandey A.K., **Rathore N.S.**, Preetesh, Gurjar m., Mandar R.P., Sharma S., Saini M., Gahlot R.K., Shringi B.N. “**Application of Artificial Intelligence and Machine Learning for Prediction of Immune Active Peptide Epitopes for Lumpy Skin Disease Virus (*LSDV*)**” presented and Published in Compendium of VII Annual Convention of SVBBI and International Symposium on “Multiomics to One Health: Challenges and Way Forward in Biomedical Research” held at Division of Biochemistry, ICAR-IVRI, Izatnagar, Bareilly, -(14th-15th December 2023)- **Best Poster Award-II**

Major Advisor (M.V.Sc. Students)

S. NO.	Name of Student	Title of Thesis	Date of Award of Degree
1.	Bhag Singh Dhaked	Diurnal Rhythm of heat shock Protein Gene Expression in sheep peripheral Blood mononuclear cells	04 th October, 2018
2.	Pyare Lal	Study on Partial Purification of Motility Inhibitory Protein in Ram Cauda Epididymal Plasma	15 th July, 2019
3.	Kalpna Jorasia	Cloning, Prokaryotic Expression and partial Characterization of <i>Ovis aries</i> CRISP -1 protein	15 th July, 2019
4.	Manish Jangir	Spectrophotometric Rapid Determination of Sperm Concentration and Biochemical Parameter in Magra Rams	05 th October 2019
5.	Pramod Mohata	Standardization of Loop Mediated isothermal Amplification of Bovine B-Lactoglobulin	12 th June, 2020
6.	Mayank Kumar Agarwal	Study on Amplification of BMPR1B gene in Sheep.	12 th June, 2020
7.	Vachaspati Narayan	Determination of A1/A2 milk and milk producing animals	22 nd December, 2020
8.	Ram Kumar Gahlot	Molecular Characterization of TLR-2 Gene in Bikaneri Camel (<i>Camelus dromedarius</i>)	06 th July, 2021
9.	Gagandeep Singh	Study on Haemato-Biochemical Analysis of different types of colic in Indigenous horses	06 th July, 2021

10.	Bhagraj Godara	Sequencing and analysis of NLRP6 Gene of Camel (<i>Camelus dromedarius</i>)	06 th July, 2021
11.	Kirti Suthar	Molecular Identification of Antibiotic Resistance Genes in Escherichia coli Isolates from Camel Calves	28 th February, 2022
12.	Shikha Bishnoi	Optimization of Polymerase Chain Reaction Amplification of Viral <i>p32</i> Gene from LSD Virus	30 th January, 2023

Minor Advisor & Dean PGS Nominee (M.V.Sc. Students)

S. No.	Name of Student	Title of Thesis	Date of Award of Degree
1.	Avinash Kumar Chouhan	Prevalence of Gastrointestinal Helminth Infections in Black Bucks at Tal-Chhapar Sanctuary	04 th March, 2020
2.	Narsi Ram Gurjar	Study of Cytokine Expression Levels Upon Infection of Different Viruses in Chickens	09 th April, 2021
3.	Khushboo Panwar	Profiling of Some Virulence and Antibiotic Resistance Associated Genes in Escherichia coli Isolates from Egyptian Vultures (<i>Neophron perenopterus</i>) at Jorbeer Conservation Reserve, Bikaner	03 rd September, 2021
4.	Sajjan Kumar	Exploration of the Antioxidant Status in Broiler During Varying Environmental Conditions	29 th March, 2022
5.	Anil Choudhary	Gross, Histological and Histochemical Studies on the Adrenal Gland of Buffalo (<i>Bubalus bubalis</i>)	20 th January, 2023
6.	Vikram Godara	Management Strategy Adopted by Livestock Owners During COVID-19 Period	02 nd February, 2023
7.	Rama Kishan	A Comparative Study for Retrieval of Cystic Calculi Through Laparoscopic Assisted Cystotomy and Conventional Cystotomy in Dogs	03 rd February, 2023

Minor Advisor (PhD Students)

S. NO.	Name of Student	Title of Thesis	Date of Award of Degree
1.	Vasundhara Rathore	Differentiation of Staphylococcus	17 th February, 2021

		aureus Isolates Obtained from Animate and Inanimate Sources in Reference to Some Genes Responsible for Virulence and Antibiotic Resistance	
2.	Femina Anjum	Clonality and Antimicrobial Resistance Mechanisms in Enteric Escherichia coli Isolated from Poultry at Different Age Intervals	04 th September, 2021
3.	Pushpa Sharma	Phenotypic and Genotypic Characterization of Some Bacteria Isolated from Female Reproductive Tract Infection	27 th October, 2021
4.	Ram Kumar	Studies on the role of ROCK signaling pathway in Buffalo pox virus replication	24 th December, 2021
5.	Mukul	Genomic Characterization of Nucleotide Oligomerization Domain (NOD) like Receptors (NLR's) in <i>Camelus dromedarius</i>	10 th March, 2022
6.	Mahender Miland	Genetic Diversity Among Escherichia coli Isolates from Camel and Poultry with Respect to Some Antibiotic Resistance Genes	04 th June 2022
7.	Bhavna Rathore	Studies on the Status of Acaricide Resistance and Evaluation of Alternative Approaches for Tick Control in South Eastern Rajasthan	

FOLDERS

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PARTICIPATION IN WORKSHOP /TRAINING PROGRAMME

S. No.	Programme attended	Duration	Organization & Location	Sponsored by
1	Right to Information Act – 2005.	8.10.2007 to 10.10.2007	HCM, RIPA, Udaipur (Rajasthan)	Raj. State Govt.
2	Office Procedure & Service Rules	15.10.2007 To 17.10.2007	HCM, RIPA, Udaipur (Rajasthan)	Raj. State Govt.
3	Internet & e-mail related training programme	28.5.2008 to 30.5.2008	HCM, RIPA, Udaipur (Rajasthan)	Raj. State Govt.
4	Departmental Promotion committee, Annual appraisal report and Roster System	04.08.2008 to 06.08.2008	HCM, RIPA, Udaipur (Rajasthan)	Raj. State Govt.

5	Organizational Behaviour	15.9.2008 to 17.9.2008	HCM, RIPA, Udaipur (Rajasthan)	Training division, Dept. of Personal & Training, Ministry of personal, Public grievances & pensions, Govt. of India (New Delhi)
6	Supervisory Development Programme	24.9.2008 To 25.9.2008	Management Development Academy, Jawahar Nagar, Jaipur (Rajasthan)	-
7	Personal Efficiency & Time Management	07.01.2009 To 09.01.2009	HCM, RIPA, Udaipur (Rajasthan)	Training division, Dept. of Personal & Training, Ministry of personal, Public grievances & pensions, Govt. of India (New Delhi)

BRIEF PARTICULARS

1. Full Name **NARENDRA SIINGH RATHORE**
2. Father's Name **SH. PREM SINGH RATHORE**
3. Date of Birth **14th Sep. 1975**
4. Post Applied for **Assistant Professor** (Veterinary Biochemistry)
5. Educational Qualification

Examination	Year of passing	Board/University	% of Marks	Division/ Distinction	Specialization in Ph.D.
High School/ Secondary	1990	Raj. Board of Secondary Education, Ajmer	65.6 %	1 st	-
Sr. Secondary	1992	Raj. Board of Secondary Education, Ajmer	53 %	2 nd	-
Graduation	2003	Rajasthan Agricultural University, Bikaner	60.5 %	1 st	-
PG (M.V.Sc.)	2005	Rajasthan Agricultural University, Bikaner	79.3 %	1 st	-
ICAR-NET	2015	ASRB, ICAR, New Delhi	-	Qualified	-
Ph.D.	2017	RAJUVAS, Bikaner (Rajasthan)	83.8 %	1 st	Animal Biotechnology

6. Employment Record

Name of the Employer	Post held	Experience in Years	Nature of Work
Apollo College of Veterinary Medicine, Jaipur	Assistant Professor	More than 1 & ½ Year	Teaching & Research
CVAS, Navania, Vallabhnagar (RAJUVAS, Bikaner)	Assistant Registrar / Assistant Professor	07 & ½ Year	Both Administrative & Teaching UG classes and DDO
CVAS, Bikaner, (RAJUVAS, Bikaner)	Assistant Professor	22.03.2016 to till date	Teaching UG, PG & PhD classes and DDO
Livestock Research Station, Beechwal, Bikaner, Rajasthan	Officer Incharge (Addl. Charge)	31.01.2018 to 02.01.2021	Research work related to LRS & All 03 Projects

7. Brief Details of Major Publications** (Research Paper/Books)

S. No.	TITLE	Year	JOURNAL	NAAS Rating
1.	EFFECT OF TREADMILL EXERCISE ON PLASMA CORTISOL HORMONE LEVEL IN GERMAN SHEPHERD DOGS”	2010	Veterinary Practitioner, Bikaner, 11 (1): 10-12 (June, 2010)	5.10
2.	EFFECT OF TREADMILL EXERCISE ON SOME PHYSIOLOGICAL AND HEMATOLOGICAL PARAMETERS IN GERMAN SHEPHERD DOGS”	2011	Veterinary Practitioner, Bikaner, 12 (1): 38-39 (June, 2011).	5.10
3.	EFFECT OF TREADMILL EXERCISE ON PLASMA ENZYME IN GERMAN SHEPHERD DOGS	2012	Veterinary Practitioner, Bikaner, 13(2): 263-265 (December, 2012).	5.10
4.	EFFECT OF WET FEEDING ON EGG QUALITY PARAMETERS IN LAYING HENS	2016	Veterinary Practitioner, Bikaner, 17(1): 142-144 (June, 2016).	5.10
5.	INFLUENCE OF GENETIC AND NON-GENETIC FACTORS ON GROWTH PERFORMANCE OF SONADI SHEEP	2016	Ruminant Science, Mathura, 05 (2): 165-167 (December, 2016).	5.47
6.	EFFECTS OF KETOSIS ON COMPLETE LIPID PROFILE IN BUFFALOES	2017	Veterinary Practitioner, Bikaner, 18 (1): 87-88 (June, 2017).	5.10
7.	REPETITIVE EXTRAGENIC PALINDROMIC-PCR (REP-PCR) TYPING OF CAMPYLOBACTER JEJUNI ISOLATED FROM POULTRY	2017	Veterinary Practitioner, Bikaner, 18(2): 160-162 (December, 2017).	5.10
8.	DERMATOPHYTOSIS IN DROMEDARY CAMEL (<i>CAMELUS DROMEDARIUS</i>)”	2017	Veterinary Practitioner, Bikaner, 18(2): 233-236 (December, 2017).	5.10
9.	ISOLATION AND CULTURE OF PUTATIVE MESENCHYMAL STEM CELLS FROM EQUINE UMBILICAL CORD WHARTON’S JELLY	2018	Indian Journal of Animal Sciences, 88 (9): 1025-1029 (September, 2018)	6.50
10.	ISOLATION AND CULTURE OF PUTATIVE MESENCHYMAL STEM CELLS FROM THE	2018	Veterinary Practitioner, Bikaner, 19(2): 180-183 (December, 2018).	5.10

	EQUINE AMNIOTIC MEMBRANE			
11.	EFFECT OF PREGNANCY STRESS ON LEVEL OF SOME SERUM METABOLITES IN KANKREJ CATTLE	2019	Veterinary Practitioner, Bikaner, 20(1): 13-14 (June, 2019).	5.10
12.	“EXPRESSION OF REPROGRAMMING FACTORS IN MESENCHYMAL STEM CELLS ISOLATED FROM EQUINE UMBILICAL CORD WHARTON’S JELLY AND AMNIOTIC FLUID	2021	Indian Journal of Animal Sciences 91 (2): 114–120 (2021)	6.50
13.	STUDY OF THE SHELF LIFE OF GOAT MILK PANEER AT REFRIGERATION TEMPERATURE”	2021	International Journal of Veterinary Sciences and Animal Husbandry 6(1): 28-30 (2021)	5.20
14.	PRODUCTION OF BIOACTIVE RECOMBINANT OVINE CYSTEINE-RICH SECRETORY PROTEIN IN ESCHERICHIA COLI	2021	Systems Biology in Reproductive Medicine, 1-11DOI: 10.1080 /19396368.2021.1963012 (2021)	9.20
15.	PREVALENCE OF ANTIBIOTIC RESISTANCE GENES IN <i>Escherichia Coli</i> INFECTED DIARRHOIC AND HEALTHY CAMEL CALVES	2022	The Scientist 1 (3): 628-634 (2022)	6.85
16.	AMPLIFICATION OF <i>FecB</i> (BOORoola) GENE OF <i>BMPRI1B</i> IN GAROLE SHEEP THROUGH LAMP TECHNIQUE	2022	Ruminant Sciences 11 (2): 343–346 (December, 2022)	5.47
17.	MOLECULAR CHARACTERIZATION OF <i>Toll-like Receptor 2 Gene</i> in BIKANERI CAMELS (<i>Camelus dromerius</i>)	2023	Indian Journal of Animal Sciences 93(7): 706–710 (July, 2023)	6.50
18.	POLYMERASE CHAIN REACTION BASED LUMPY SKIN DISEASE DIAGNOSTIC TEST USING <i>viral p32</i> GENE	2024	International Journal of Advanced Biochemistry Research SP-8 (1): 470-475 (January, 2024)	5.30
19.	PURIFICATION AND PARTIAL CHARACTERIZATION OF A SPERM MOTILITY INHIBITORY PROTEIN OF CAUDA EPIDIDYMAL PLASMA	2024	Cell Biochemistry and Function (2024);42:e3930 DOI: 10.1002/cbf.3930	9.6

8. Guiding **Doctoral Research No.- 07 (Minor) M.V. Sc. /M. Sc. No.- 12 (Major) + 07 (Minor)**

9. In case of teaching experience, please mention level and subject taught:

-UG (B. V. Sc. & A.H.) Level Teaching experience and Teaching & Guiding PG (M.V.Sc. & Ph.D.) students of Veterinary Biochemistry.

❖ Awards if any – Falcited by Hon’ble Vice-chancellor on **15th August 2012** for outstanding work contribution at CVAS, Navania, Vallabh Nagar, on **15th August 2017** for successful organization of All India Agricultural Universities Youth Festival (AGRIUNIFEST)-2017 as Organizing Secretary at RAJUVAS campus sponsored by ICAR, New Delhi, on **15th August 2019** for taking new initiative of Skill Development & making Cattle feed in capacity of Officer Incharge at LRS, Beechwal & on **15 August 2023** for Publish a Research Article in Reputed Scientific Journal “**Systems Biology In Reproductive Medicine**” (NAAS Rating – 9.2)

10. Please write what would you like to do, if selected for the post? (Not more than ½ A-4 page 1.5 spacing)

If I got opportunity to serve as Associate Professor Veterinary Biochemistry, I would like to do following Job/ Task/Activities as per University and VCI Mandate.

- I will develop and strengthen Biochemistry /Biotechnology UG & PG lab and prepare practical manual as per VCI syllabus.
- I will formulate different research project proposal for submission to various funding agencies such as ICAR, RKVY, DST, RACP, and others in Veterinary Science.
- Being I am Ph.D. holder and vast service experience, I would like guide and teaching UG & PG students also.
- I would like to organize demo station of different technology / technique related to Biochemistry, Biotechnology and Molecular Biology laboratories.
- Creation of small demonstration unit of small animals for practical training purpose.

11. Write your strength for the post applied for (Not more than ½ A-4 page 1.5 spacing)

- Well qualified & experienced candidate for Associate Professor Veterinary Biochemistry due to M.V.Sc. in Veterinary Biochemistry and Ph.D. also.
- Vast experience (almost 16 years) of every field (Teaching, Research, Administration & Extension).
- Good Secretarial, Administrative, Teaching and Research Work & also for taking new initiative as O/I LRS awarded on 15 August 2012, 15th August 2017, 15th August 2019 and 15 August 2023 by Hon'ble Vice- Chancellor, RAJUVAS, Bikaner.

For Excellent Teaching Services

- Good Subject Matter Knowledge due to good publication full length Research Papers (19), Popular Articles (06), Abstract (38) and folder (07). Participated in Training & Short Course (07), International Conference (06), National Conference/Seminar (17) and Workshop (07).
- Good experience (more than 08 years) of planning, execution & supervision of newly establishment of CVAS, Navania, Vallabh Nagar.
- Convener of anti-ragging squad of the College
- Convener of University level Course committee (UG & PG Courses) for Veterinary Biochemistry.

- External examiner at ACVM (Jaipur), CCSHAU & LUVAS (Hisar), Rohtak (Hisar), GADVASU (Ludhiana), Navsari & Junagad Agricultural universities (Gujrat) and DUVASU, Mathura (U.P.)
- Give RADIO TALK on PRASAAR BHARTI (AKASHWANI) at Bikaner station on 21/04/2016, 01/03/2018, 13/12/2018 & 20/05/2021 in programme “Dheene Ri Baatyan” organized by RAJUVAS, Bikaner.

**12. List your Publications (book/Research papers in refereed journals only) (Enclose the list at the end)-
Enclosed (Mentioned above)**

13. Signification contribution (Not more than 1 A-4 page)

- Establishment of Department of Veterinary Biochemistry in the college and establishment of labs.
- Apart from the research, significant contribution in teaching of B. V. Sc. & A.H. Students.
- Emphasis on early laboratory diagnosis for prompt treatment of diseases.
- Active Role in Establishment of Poultry unit at College of Veterinary & Animal Science, Navania, Vallabhnagar.
- Active Role in Establishment of Teaching Veterinary Clinical Complex at College of Veterinary & Animal Science, Navania, Vallabhnagar.
- Active Role in Establishment of Mega Sheep Seed Project at College of Veterinary & Animal Science, Navania, Vallabhnagar.
- Active Role in Establishment of Gir Cattle Breeding Farm at College of Veterinary & Animal Science, Navania, Vallabhnagar.
- Active Role in Establishment of Fish unit at College of Veterinary & Animal Science, Navania, Vallabhnagar.
- Member in different purchasing, investigating, pay fixation and scientific committees of the college and LRS, Vallabhnagar.
- Officer Incharge of some legal cases related to CVAS/ LRS, Vallabhnagar.
- Working as DDO & Incharge Establishment Section, CVAS/LRS, Vallabhnagar from April, 2008 to March, 2015 and as DDO, CVAS, Bikaner & UAO, RAJUVAS, Bikaner from 2016 to till date.

- Working as Incharge, Student Section, CVAS/LRS, Vallabhnagar from September, 2007 to March, 2015.
- I have taught all courses of Veterinary Biochemistry of B.V.Sc. & AH classes from September, 2007 to till date and M.V.Sc. classes from April, 2016 to till date.
- I have Establish Biochemistry laboratory and prepared practical manual as per VCI.
- **Organizing Secretary** of All India Agricultural Universities Youth Festival (AGRIUNIFEST-2017) Organized by Rajasthan University of Veterinary & Animal Sciences, Bikaner on February 22-25, 2017 Sponsored by ICAR, New Delhi.

(Narendra Singh Rathore)

DECLARATION

It is certified that the above mentioned information is true and correct. Nothing has been concealed therein and no part of it is false. However, if at any stage, it is found /detected that any document/information is false, I shall be held responsible for the same.

(Narendra Singh Rathore)

