

Dr.RAMESH .D (Curriculum Vitae)

Dr.RAMESH.D MVSc., PhD

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*Assistant Professor,
Department of Veterinary Biochemistry
Veterinary college Hassan,
KVAFSU, Karnataka-573202*



Objective:

To learn and experience the principles, skills, equipments and recent trends in the field of biochemistry, molecular biology and bioinformatics to equip myself for the upcoming challenges and scopes in life science research.

Personal Information:

Father's name	Doreswamy
Date of birth	12-Jan-1984
Gender	Male
Marital Status	married
Languages known	English, Hindi, Kannada

WORKING ADDRESS: Dr.RAMESH.D MVSc,PhD

Assistant Professor,
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M.V.Sc Thesis title: "Comparision of Toll-like Receptor 9 signaling responses in Goat and Black buck"

PhD Thesis title: “Molecular characterization and functional evaluation of recombinant Conglutinin of Buffalo (*Bubalus bubalis*) and Nilgai (*Boselaphus tragocamelus*)”

WORKING – As PERMANENT POST-KVAFSU, Karnataka.

Sl No	Period of working	Constituent college	Working As	Total Year of experience
1	2012 September to 2017-September	Veterinary college hassan, KVAFSU	Assistant Professor	11 years 11 months
2	September 2017 to March 2019	Veterinary college, Gadag, KVAFSU	Assistant Professor	
3	March 2019 to till date	Veterinary college hassan, KVAFSU	Assistant Professor	

Academic Qualifications:

Institution	Degree/Class	Year of Passing	Percentage CGPA	Board / University
Indian Veterinary Research Institute	PhD (Animal Biochemistry)	2012	8.41/10	IVRI. Izatnagar
Indian Veterinary Research Institute	M.V.Sc (Animal Biochemistry)	2009	8.39/10	IVRI. Izatnagar
KVAFSU	B.V.Sc & A.H	2006	7.44/10	K.V.A.F.S.U.-Bangalore
SSLC Board	S.S.C (10+2)	2001	72.60 %	P.U.C. Board

Academic Achievements:

All India 6 th Rank in ICAR-2006 for post graduation studies.
Qualified Combined Biotechnology Entrance Examination of JNU -2006 (Rank- 21).
Qualified for CSIR-JRF-2009

Scholarship Awarded:

Junior Research Fellowship by ICAR for post graduation studies. 2007-2009
Institutional fellowship during my PhD studies. 2009-2012

Additional Qualification

SL No	Details of the additional qualification pursued	Remarks
1	POSTGRADUATE DIPLOMA IN ANIMAL WELFARE (PGDAW) in 2021 From IGNOU.	PGDAW-2021-August

Extracurricular Activities:

Enrolled as a member of NCC and completed 240 Hrs of work, also attended NCC special camping program (CATC) for 10 days at Mysore distt during .

Won prizes and participated actively in cultural activities at school and college level.

Research gate Profile:

<https://www.researchgate.net/profile/Ramesh-Doreswamy>

Google scholar Profile :

<https://scholar.google.com/citations?hl=en&user=JhoEj-QAAAAJ>

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Guidance to Masters and PhD students

SL No	Advisory committee member	Remarks
1	9-MVSc Students of various departments	5-completed 4-ongoing
2	1-PhD student	1-ongoing

Undergraduate and Post graduation Courses handled

SL No	Under graduate Courses handled		Credit hrs
1.	General Veterinary Biochemistry (As Per MSVE-2008)	VPB 112	1+1
2.	Veterinary Intermediary metabolism (As Per MSVE-2008)	VPB 122	2+1
3.	Veterinary laboratory diagnosis (As Per MSVE-2008)	VLD-411	0+1
4.	Veterinary laboratory diagnosis (As Per MSVE-2008)	VLD-421	0+1
5.	Animal Biotechnology (As Per MSVE-2008)	VPB 321	2+1
6.	Veterinary Biochemistry (As Per MSVE-2016)	VPB	2+1
7.	VLD-411 (MSVE-2008)	VLD-411	0+1
8.	Veterinary Clinical Practice (As Per MSVE-2016)	VCP-511	0+5
9.	Veterinary Clinical Practice (As Per MSVE-2016)	VCP (4PY)	0+6
	Post graduation Courses handled		
10	Biochemical basis of Disease of domestic animals	VBC-611	2+0

11	Applications of genomics and proteomics in Molecular Biology	VBC-603	2+0
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Research Projects handled:

SI No	Title of the project	Funding Agency
1	Effect of indigenous herbal growth promoter on growth performance, Intestinal morphology haemato biochemical profile and digestive enzymes in commercial broilers. PI-Dr.Jaishankar.N As a Co-PI Dr.Shivakumar.M.C Dr.Suresh.B.N Dr.Girish.B.C Dr.Ramesh.D	National Innovation Fund DBT (8.15 Lakhs) 2021-2022
2	Establishment of normal serum biochemical parameters in Hassan breed of sheep PI.Dr.Ramesh.D	KVAFSU 40,000/ 2015-16

Awards Received

SL No	Name of the award	Received from	Year
1	Adarsh Vidya saraswati Rashtriya Puraskar “ National award of excellance”	Glacier journal Research Foundation Global Management Council “National award of excellance”	2023
2	Best Researcher Award	International Conference for Award Winners in Engineering, Science and Medicine	2023
	Best Poster Award “ Bioethanol from poultry Excreta”	In CTOB International Conference at Agriculture College Hassan27th to 29th MARCH 2023	2023

Major Area of Research	ANIMAL IMMUNOLOGY AND IMMUNOMODULATION
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Research Interests	RECOMBINANT DNA TECHNOLOGY , BIOTECHNOLOGY, IMMUNOLOGY
Current Research Focus	ANIMAL IMMUNOLOGY & POULTRY GROWTH, ARTHROPOD

Patents Applied

Title	Inventors	Details	Status	Year of file
NOVEL METHOD OF PRODUCTION OF BIOETHANOL FROM PIG EXCRETA.	1)RAMESH D 2)SHIVAKUMAR M.C 3)RAJIB DEB 4)VINUTHAN M.K 5)HEMANTH GOWDA K 6)NAVEEN KUMAR G S 7) CHANDRASHEKARA. N 8)JAISHANKAR .N 9)SURESH B.N 10)CHETHAN K.P	Application ID 202141000942- Is under Examination stage	UNDER PROCESSING https://ipindiaservices.gov.in/PatentSearch/ViewApplicationStatus	2021 January

Research Publications:

1. Doreswamy, Ramesh; Saini, Mohini; Swarup, Devendra; Singh, Vivek Kumar; Upreti, Suchitra; Das, Asit; Gupta, Praveen K; Interferon alpha characterization and Its comparative expression in PBM Cells of Capra hircus and Antelope cervicapra cultured in the presence of TLR9 agonist *Molecular Biology International* 2010 Hindawi.
2. Barik, Sasmita; Sidappa, Chandra Mohan; Saini, Mohini; Doreswamy, Ramesh; Das, Asit; Sharma, Anil K; Gupta, Praveen K; Sequence-based appraisal of the genes encoding neck and carbohydrate recognition domain of conglutinin in blackbuck (Antelope cervicapra) and goat (Capra hircus) *BioMed Research International* 2014 Hindawi.
3. Siddappa, Chandra Mohan; Saini, Mohini; Das, Asit; Doreswamy, Ramesh; Sharma, Anil K; Gupta, Praveen K; Sequence characterization of mitochondrial 12S rRNA gene in mouse deer (Moschiola indica) for PCR-RFLP based species identification *Molecular biology international* 2013 Hindawi
4. Barik, Sasmita; Sidappa, Chandra Mohan; Saini, Mohini; Doreswamy, Ramesh; Das, Asit; Sharma, Anil K; Gupta, Praveen K; Sequence-Based Appraisal of the Genes Encoding Neck and Carbohydrate Recognition Domain of Conglutinin in blackbuck

(Antelope cervicapra) and goat (Capra hircus) 2014/1/1. *BioMed Research International*. Volume. 2014/1/1 2014.

5. Gade, Nitin; Mahapatra, RK; Sonawane, Arvind; Singh, VK; Doreswamy, Ramesh; Saini, Mohini; Molecular characterization of heat shock protein 70-1 gene of goat (Capra hircus) *Molecular biology international* 2010 2010 Hindawi
6. Doreswamy, Ramesh; Deb, Rajib; De, Sachinandan; Potential use of piggery excreta as a viable source of bioethanol production *Journal of Cleaner Production* 316 128246 2021 Elsevier
7. Ramesh, D; Vinuthan, MK; Chandrashekara, N; Chandramohan, S; Morphometric analysis of *Oryctes rhinoceros* and *Onthophagus bonasus* Fabricius in Hassan district of Karnataka *J Entomol Zool Study* 8 78-81 2020
8. Ramesh, D; Vinuthan, MK; Chandrashekara, N; Chandramohan, S; Raghunath, BV; Rajashailesha, NM; Morphometric investigation of adult dung beetles in Hassan district of Karnataka. *J Entomol Zool Study* 2020
9. Deb, Rajib; Rajkhowa, Pegu SR; Yadav, AK; Paul, S; Ramesh, D; Antimicrobial activity of piggery waste medicinal maggots-waste to wealth approach towards developing natural therapeutics. 2021 *Current Science*
10. Raghunath, BV; Kumaresan, G; Elango, A; Sureshkumar, S; Chandrashekara, N; Ramesh, D; Methods of preparation and standardization of herbal yoghurt by sensory evaluation. *Pharma Innov. Int. J* 2020
11. Raghunath, BV; Kumaresan, G; Elango, A; Suresh, S; Kumar, Dr; Chandrashekara, N; Ramesh, D; Comparative analysis of the effect of herbs on diverse microbiological properties of yoghurt at different storage periods *Pharma Innov. Int. J* 97 2020
12. Raghunath, BV; Kumaresan, G; Elango, A; Sureshkumar, S; Comparative study on qualitative analysis of various phytochemicals in herbal yoghurt at different storage periods. *Pharma Innov. Int. J* 2020
13. Sahoo, Pravas Ranjan; Ramesh, D; Mohanty, Bijayendranath; Behera, Prakash Chandra; Insilico physiochemical and structural characterization of hypothetical proteins of *Theileria annulata* IJCS621426-1429.2018
14. Vinuthan, MK; Ramesh, D; Rajashailesha, NM; Preliminary Studies on Hemato-Biochemical Profiles of Indigenous Free Ranging Donkeys (*Equus asinus*) in and around Hassan, Karnataka, *International Journal of Livestock Research* 109136-141.2020
15. Ramesh, D; Harish, DR; Wodeyar, DSK; Sushant, Handage; Basavaraj, Inamdar; Prathviraj, H; Comparative analysis of serum biochemical parameters during different physiological conditions within Hassan breed of sheep in Karnataka. *Haryana Veterinarian* 58 1 40-43 2019

16. Ramesh, D; Aswathanarayanappa, V; Naveen Kumar, GS; Vinuthan, MK; Veena, MP; Shivakumar, MC; Study on Serum Biochemical Profile in Hassan Sheep of Karnataka. *International Journal of Livestock Research* 85 98-105.2019.
17. Barik, Sasmita; Saini, Mohini; Mohan, S Chandra; Ramesh, D; Gupta, Praveen K; Functional characterization of partial recombinant goat conglutinin: its role as innate immunity marker and use as antigen in sandwich ELISA. *Veterinary immunology and immunopathology* 220 109987 2020 Elsevier
18. Ramesh, D; Chandra Mohan, S; Saini, Mohini; Barik, Sasmita; Shynu, M; Das, Asit; Sharma, Anil Kumar; Chaturvedi, Vinod Kumar; Gupta, Praveen Kumar; Recombinant partial conglutinin of Buffalo and Nilgai in vitro can mimic the functions of native conglutinin in viv *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 89 639-648 2019 Springer India
19. Mohan, S Chandra; Saini, Mohini; Ramesh, D; Shynu, M; Barik, Sasmita; Das, Asit; Sharma, Anil Kumar; Chaturvedi, Vinod Kumar; Gupta, Praveen Kumar; Prokaryotic expression of ovis aries conglutinin encoding neck and carbohydrate recognition domain and its functional characterization *Animal Biotechnology* 26 1 29-36 2015 Taylor & Francis Group
20. Mohan, C Chandra; Ramesh, D; Shynu, M; Mohini, Saini; Asit, Das; Sharma, AK; Gupta, Praveen K; Molecular characterization and in-silico analysis of the cDNA encoding conglutinin from sheep liver. *Indian Journal of Animal Sciences* 83 6 600-603 2013 Indian Council of Agricultural Research
21. Ramesh, D; Mohini, Saini; Devendra, Swarup; Singh, Vivek Kumar; Suchitra, Upreti; Asit, Das; Gupta, Praveen K; Molecular cloning of IFN-alpha in goat (*Capra hircus*) and black buck (*Antelope cervicapra*) and evaluation of its expression in goat PBM cells. *Indian Journal of Animal Sciences* 82 1 40-43 2012 Indian Council of Agricultural Research
22. Hasan, Kamal; Manjunatha, DR; Ramesh, D; Satheesha, SP; Shivakumar, M; Therapeutic management of canine babesiosis associated with acute renal failure *J. Ento. Zoo. Studies* 74 552-555 2019
23. Deneke, Yosef; Rajib, D; Ramesh, D; Diagnosis of ovine brucellosis using conventional and molecular tools *Biotechnology International* 4 1 Apr-15 2011
24. Ramesh, D.; Harish, D. R.; Wodeyar, D. S. K.; Handage, Sushant; Inamdar, Basavaraj; Prathviraj, H.; Comparative analysis of serum biochemical parameters during different physiological conditions within Hassan breed of sheep in Karnataka. *Haryana Veterinarian* 58 -1 40-43 2019
25. Avinash, RG; Kotresh, AM; Krishna, LR Anantha; Shambulingappa, BE; Rudresh, BH; Ramesh, D; Association studies on biochemical parameters and uterine health in crossbred cows of central dry zone of Karnataka *J Pharm Innov* 10 12 1740-1743 2021

26. Ranganath, GJ; Prathviraj, Dr; Chandrashekara, N; Harish, DK; Ramesh, D; Assessment of reproductive failure due to repeat breeding and anestrous in dairy animals of Uttara Kannada district of Karnataka. *The Pharma Innovation Journal* 2022; SP-11(10): 1351-1355. 2022
27. Prathviraj, Dr; Shant Kumar, VS; Ranganath, GJ; Chandrashekara, N; Raghunath, BV; Ramesh, D; Incidence of classical swine fever in local domestic pigs of Bidar district of Northern Karnataka. *The Pharma Innovation Journal* 2022; SP-11(10): 2154-2156. 2022
28. Doreswamy, Ramesh; Saini, Mohini; Swarup, Devendra; Singh, Vivek Kumar; Upreti, Suchitra; Das, Asit; Gupta, Praveen K; Research Article Interferon Alpha Characterization and Its Comparative Expression in PBM Cells of Capra hircus and Antelope cervicapra Cultured in the Presence of TLR9 Agonist. SAGE-Hindawi Access to Research *Molecular Biology International* Volume 2010, Article ID 573426, 6 pages doi:10.4061/2010/573426 2010.

References:

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