

DR. RAMACHANDRA.B



College name: VETERINARY COLLEGE, BIDAR

Department: ANIMAL NUTRITION

Designation and address: PROFESSOR & HEAD, DEPT. OF ANIMAL NUTRITION

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Fields(s) of specialization: RUMINANT NUTRITION

Current Projects :NIL

Project title	Role in the project	Fund outlay	Funding agency
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## Completed Projects

Project title	Role in the project	Fund outlay	Funding agency
<b>1.</b> Utilization byproducts of pulses, oil seeds along with coarse cereal grains for intensive goat production	<b>CO-PI</b>	24.89 lakhs	NATP ICAR NewDelhi
<b>2.</b> Nutritional evaluation & toxicological studies of different varieties of Jowar ( <i>Sorghum bicolor</i> ) under intensive sheep production	<b>CO-PI</b>	<b>02.50 lakhs</b>	NRCS Hyderabad
<b>3.</b> Comparative study to ascertain draughtability of Deoni, Deoni and HF crossbreed cattle.	<b>CO-PI</b>	24.884 lakhs	ICAR NewDelhi
An integrated study to evaluate Kenguri breed of sheep for mutton production and breed improvement for sustainable animal enterprise in Hyderabad Karnataka region	<b>CO-PI</b>	9.40lakhs	ICAR NewDelhi

## Proposed research programmes: NIL

### Recent Research Publications (from 2017 to 2019)

1. Roopa, K., Thirumalesh, T., Vijay Kumar, M., **Ramachandra,B.**, Hiremath,S. And sunil Chandra,U.(2017): Evaluation of Polyherbal feed additives on haematological and biochemical profiles in Yorkshire male pigs. J of Pharmacognosy and Phytochemistry **6**(1): 506-509
2. ThirumaleshT., **Ramachandra B.**, Shanthkumar, Shivaram N. Patil and Roopa K(2016): Comparison of Growth Performance of Kenguri Strain-1 Lambs Fed Cow Milk or Milk Replacer. *FJVAS*. **5**(2): 167-170
- 3.Shantkumar, **Ramachandra.B**, Thirumalesh.T, Appannavar.M.M, Jadhav.N.V and Siddalingayyaswamy Hiremath(2016): Effect of Urea Treated Sugarcane Bagasse Supplemented with Fibrolytic Enzymeson Performance of Kenguri Sheep. *FJVAS*. **5**(2):171-174.
4. Jaishankar. N, **B. Ramachandra**, T. Thirumalesh, Jag Jiwan Ram, U.S. Biradar, N.V.Jadhav, and M.D. Suranagi (2017): Utilization of unconventional sugarcane trash as feed in Narisuwarna x Kenguri sheep. *IJAPSA*.**3**(2):52-55.
5. Jaishankar. N, **B. Ramachandra**, T. Thirumalesh, Jag Jiwan Ram, U.S. Biradar, and M.D. Suranagi (2017): Validation of Energy Estimates of Urea Ammoniated Sugarcane Trash Based DietsObtained from RIVIGPT and *In-vivo* Trial in NariSuwarna X Kenguri F1 lambs.*IJIREST*.**6**(6):12014-12018.

7. Roopa, K., Thirumalesh, T., Vijay Kumar, M., **Ramachandra,B.**, Hiremath,S. And sunil Chandra,U.(2017): Effect of polyherbal additives on intake, growth and nutrient digestibility in Yorkshire male pigs. *J.Anim.Res.***7** (4):711-716.
8. Prakashkumar Rathod, Veeranna,K.C.,**Ramachandra.B.**, and Ravindra, D.(2017): Supplementary feeding of goats during transition period for improving productivity. *Good Practices* **21**(10): 1-9.
9. Jaishankar. N, **B. Ramachandra**, T. Thirumalesh, Jag Jiwan Ram, U.S. Biradar, and M.D. Suranagi (2017): Comparison of energy estimates of mixed diets obtained from RIVIGPT and *in vivo* digestibility trial in NariSuvarna x Kenguri F1 sheep. *IJLR*.**7**(10): 209-215.
10. Sangamesh , MM Appannavar , HM Yathish, Vaishali Hiremath , Shrikant Kulkarni , B Ramachandra and Suranagi.M.D (2017): Variation in growth hormone gene and its association with growth traits in Osmanabadi goat. *Ruminant Science*: **6** (1): 79-83.
- 11Kiran.M,Vianayananda,C.O, JagannathaRao,B., Ravindra,B.D. and **Ramachandra,B.**(2018):Effect of different cooking methods and binding materials on proximate composition, physicochemical and sensory quality of different emulsion based chicken products. *J. Anim.Res*:**7**(6):01-07.
12. Prakashkumar Rathod, Veeranna,K.C.,**Ramachandra.B.**, and Ravindra, D.(2018): Utilization of sugarcane trash for livestock feeding: An alternative to on-farm burning . *Good Practices* **22(03)**: 1-9.
13. Jaishankar N., **Ramachandra B.**, Thirumalesh T., Jag jiwan ram, Biradar U.S. and Suranagi M.D(2018): *In vitro* rumen fermentation kinetics and microbial biomass synthesis of unconventional sugarcane trash and concentrates using cattle inoculums.*Int.J.Agric.Sci*.**10**(8):5859-5862
- 14.Prakashkumar Rathod, K. C. Veeranna, B. Ramachandra, Channappagouda Biradar and Anant Rao Desai (2018):Supplementary Feeding of Goats during Transition Period: A Participatory Action Research in North-Eastern Transition Zone of Karnataka State, India. *IJLR* **8**(10): 238-246
- 15.Prathiraj. Shrikant Kulkarni,N.M.Soren,SatishaK.B,Shrinivas Reddy Bellur, Prashant Bellundagi and **Ramachandra B.**(2018): Effect of supplementation of Monensin Sodium on metabolism and Milk Yield in Early Lactating Buffalo(*Bubalis bubalus*).*Indian J,VetSci.Biotech*.**14**(2):34-38.
16. Fakeerappa, D.M., **Ramachandra, B.**, Thirumalesh,T., Patil, N.A., Shantkumar and Naveen Kumar, G.S(2018): Nutritional Evaluation of Urea Treated Sugarcane Bagasse (SCB) on Performance of Kenguri Sheep. . *FJVAS*. **7**(1):44-49.

### Honours & Awards

Award	Awarding Institute/ University	Month and Year of the award
Gold Medal during M.V.Sc (animal Nutrition)	UAS, Bangalore	Nov, 1992
Gold Medal during Ph.D	KVAFSU, Bidar	Jan, 2010

Sl.No	Name of the Awards / Medals / Recognitions	Whether International/ National/ State/University/ Professional Societies	Month/ Year of the Award
1	Team Award for Research	ISAE, Professional Society	Sept, 1998
2	Dr.V.R.Gopalkrishnan Memorial Medal BEST PAPER	IVA, Professional Society	Aug, 2000
3	Late Dr. G. Rajeshwar Rao Memorial award and medal	XXIV Annual convention of IAVA and International Congress on Veterinary Anatomy held at Lucknow	November,2009
4	Best paper award	Professional Society	Sept 2010
5	Late Dr. DS Grover Memorial Award	XXIV Annual convention of IAVA held at Rajiv Gandhi College of Veterinary and Animal sciences, Puduchery	October,2010

#### Others Achievements (less than 200 words):

- Annually one TV programme has been given
- On farm demonstrations are being conducted
- Free consultancy services to farmers/industrialists over phone or in the department
- Resource scientist for various training programmes to veterinary officers and farmers
- Main objective of my work is teaching to UG, PG and PhD students. So far I have guided 8 M.VSc and two Ph.D students in Animal nutrition subject