

**Name:** Dr. Shesha Rao

**Designation:** Scientist-2

**Section/division:** ANIMAL DISEASE DIAGNOSTIC LABORATORY  
AND INFORMATION CENTRE, Kalaburagi



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**Educational Qualifications:**

Year	Degrees awarded
1992	1997 <b>B.V.Sc.</b> , U.A.S., Bangalore, INDIA
1997	1999 <b>M.V.Sc.</b> , MAU PARBHANI , INDIA
2010	2013 <b>Ph. D</b> KVAFSU, BIDAR INDIA

**Employment Details:**

Positions served	Tenure
Scientist-1	14.08.2000-13.01.2006
Scientist-2	13.01.2006 to till date
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**Research Interests:** Research, Vaccine supply and Disease investigation

**Awards/ Fellowships/Recognition received:**

Awarded ICAR Fellowship for Post-Graduate at the MAU-Parbhani, MS in the year 1997 – 1999 (Two year).

## Professional recognition:

## Membership of scientific societies:

1. Life Member of Karnataka Veterinary Association.
2. Life Member of Karnataka Veterinary Council.
3. Life Member of Indian Veterinary pathology.

## Selected Publications:

	1. <b>Shesha Rao</b> , Suguna Rao,. Satyanarayan, S. M. Byregowda R “ Evaluation of antidiabetic efficacy of ptenocarpus marsupium extract in STZ induced diabetes”. Journal of cell and tissue research Vol.13(3)3953-3960(2013).
	2. <b>Shesha Rao</b> , Suguna Rao,. Satyanarayan, S. M. Byregowda R. “Evaluation of antidiabetic efficacy of Trigonella foenum graecum extract in STZ induced diabetes in rats”. Journal of cell and tissue research Vol.13(3)3883-3888(2013)
	3. <b>Shesha Rao</b> , Suguna Rao, K. P. Manjunatha M. L. Satyanarayan, S. M. Byregowda R. Sudharani), Histopathological and Biochemical Profile on the Effect of <i>Coccinia indica</i> Leaves Extract in Streptozotocin Induced Diabetes in Rats. Environment & Ecology 32 (4A) : 1454—1459, October—December 2014
	4. <b>SHESHA RAO*1.</b> , SUGUNA RAO1 AND SHETTAR M “HISTOPATHOLOGICAL AND BIOCHEMICAL STUDIES ON THE EFFECT OF <i>TRIGONELLA FOENUM GRAECUM</i> AND <i>COCCINIA INDICA</i> EXTRACTS IN STREPTOZOTOCIN INDUCED DIABETIC RATS., International Journal of Pharma and Bio Sciences Int J Pharm Bio Sci 2014 July ; 5 (3) : (B) 136 – 144
	5. Raveendra Hegde • Amitha R. Gomes • P. Giridhar • Srikanth Kowalli • B. P. Shivashankar • K. J. Sudharshana • K. Nagaraj • R. <b>Sesharao</b> “Epidemiology of foot and mouth disease in Karnataka state, India: a retrospective study., Indian J. Vet. Med. 28, 98-100
	6. Mohankumar Shettar, Suguna Rao, <b>Shesha Rao</b> , K. P. Manjunatha, P. Ravikumar, B. C. Mashanker K. M. Purushottam Immunohistochemical Expression of Matrix Metalloproteinases (MMPs) in Rat Mammary . Environment & Ecology 32 (4A) : 1442—1444, October—December 2014
	7. SHETTAR,M.,1 <b>RAO, S.</b> ,1ANJAN KUMAR, K. R.,1 PURUSHOTTAM, K.M.,2 RAO, S.,1 AND SATHYANARAYANA,M. L.1IMMUNOHISTOCHEMICAL AND UANTITATIVE REAL TIME PCR EXPRESSION OF MATRIX METALLOPROTEINASES (MMPs) IN CANINE MAMMARY TUMOURS <i>Journal of Cell and Tissue Research Vol. 14(2) 1469-1478 (2014)</i> ,

	8. A Case report on flea infestation in organized sheep and goat farms in Karanataka R.Sudha Rani, B.M.Chandranaik, P.Giridhar, G.S.Mamatha, Placid E Dâ€™Souza, K.Nagaraj, <b>Shesha Rao</b> , R.S.Kalge and M.D.Venkatesha., IVJ Vol-92 Feb-2015
	9. Indirect ELISA based Diagnosis of Ovine Paratuberculosis, B. M Chandranaik, S. Rani, Y. S, Rupadevi, G U. Manju, R S Kalge, G S Mamatha, S. Kannaka, <b>S Rao</b>

Regional Research Officer

Kalaburagi