

Personal Profile of Dr. R. Pourouchottamane

Dr. R. Pourouchottamane

Principal Scientist

Discipline: Livestock Production and Management

Division/ Section: Animal Genetics and Production Management

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Employment Details:

Designation	Name of the Institute	From	To	Mode of Posting
Scientist	ICAR-NRC on Yak, Arunachal Pradesh	08/04/2002	17/06/2007	Through ARS
Scientist (Sr. Scale)	ICAR-Zonal coordinating Unit (III), Meghalaya	18/06/2007	30/06/2009	Transfer
Senior Scientist	ICAR-NRC on Pig, Assam	01/07/2009	13/11/2013	Direct Selection
Senior Scientist	ICAR-CSWRI Regional Station, Mannavanur	14/11/2013	30/06/2015	Transfer
Principal Scientist		01/07/2015	06/06/2017	
Principal Scientist	ICAR-CIRG, Makhdoom	07/06/2017	Continuing	Transfer

1. Qualification:

Degree/Certificate	Subjects studied	University/ Institute/ Board	Year
B.V.Sc	Veterinary Science	Madras Veterinary College, (TANUVAS)	1996
M.V.Sc.	Livestock Production and Management	Veterinary college and Research Institute, Namakkal (TANUVAS)	1999
Ph.D.	Livestock Production and Management	Indian Veterinary Research Institute, Bareilly	2002

2. Current Research Area:

Package of Practices for Jamunapari Goats, shelter management, developing decision support system for scientific livestock production.

3. Major Research Accomplishments:

At ICAR-NRC on Yak, I was involved in standardizing management practices for scientific yak rearing, studying performance of yak in different management conditions and use of yak as pack animal.

At ZC Unit, (Zone III), Meghalaya, I was associated in coordinating and monitoring activities of KVKs. Training need analysis of farmers and rural youths carried out in 47 districts of NE region. For the first time, a ready reckoner on Inventory of technologies for livestock and poultry development in NE region has been developed and published for benefit of state veterinarians, extension functionaries and SMS in KVKs of NE region.

At ICAR-NRC on Pig, I was involved in developing low cost housing designs for Pig rearing suited for Plains of North East India. A total of sixteen (16) housing building material options have been designed along with their economic calculations without compromising the basic objective of housing and animal welfare. I was also associated in standardizing management practices for indigenous pigs as well as for newly developed crossbred pigs.

At SRRC, (ICAR-CSWRI), mannavanur, I was involved in developing and standardizing package of practices for commercial rabbit farming in southern India as well as carrying out transfer of technology program of the centre.

During my present tenure at ICAR-CIRG, I was involved in three projects entitled 'Multi-disciplinary Approaches for Transfer of Technologies for Livelihood Security of Goat Keepers', 'Assessment of plastic based structures and shelters on goat production' and 'Development of Model Goat Village'. I am also actively involved in overall management of Jamunapari flock.

4. Awards:

I was selected as Board of studies member for three years (2017-2020) to Faculty of agriculture and animal husbandry, Gandhi gram Rural Institute (Central University), Dindigul, Tamilnadu. In addition, I got several best oral and best poster presentation awards in seminars.

5. Training:

I have organized more than 20 training programs for farmers, veterinary officers and extension functionaries in the field of scientific pig farming, rabbit farming, sheep farming and goat farming.

6. Patent/ Technology/ **Package of Practices**

1. Development of low cost housing designs for Pig rearing of Plains of North East India ('Shelter Management for Pig rearers of North-East India' by Pourouchottamane R. *et al* 2012 published by ICAR-NRC on Pig, Guwahati, Assam pp: 105.)
2. Standardization of package of practices for scientific rabbit farming. (*Package of Practices for Profitable Rabbit Farming* by Pourouchottamane *et al* 2014. published by SRRC (ICAR – CSWRI), Mannavanur. pp: 1-182.)
3. Technology inventory for livestock and poultry production in North Eastern Region by Kumaresan, A, Bujarbaruah, KM, Venkatasubramanian, V and Pourouchottamane, R. 2008 published by ICAR-ZC Unit (Zone III), Barapani, Meghalaya pp: 272.

7. **Publications:**

Books (Authored/ Edited)

1. Kumaresan A, Bujarbaruah K M, Venkatasubramanian V and **Pourouchottamane, R.** 2008. *Technology inventory for livestock and poultry production in North Eastern Region.* ICAR- Zonal Coordinating Unit (Zone III), Barapani, Meghalaya pp: 1-272.
2. Pankaj P K, **Pourouchottamane R,** Das A, Naskar S, Banik S and Tamuli M K. 2012. *Good Management Practices for improved pig production* ICAR-National Research Centre on Pig, Rani, Guwahati. pp: 1-242.
3. **Pourouchottamane R,** Pankaj P K, Das A, Naskar S, Banik S. and Tamuli M K. 2012. *Shelter Management for Pig rearers in North East India.* ICAR-National Research Centre on Pig, Rani, Guwahati. pp: 1-105.
4. **Pourouchottamane R,** Rajendiran A S, Mallick P K, Thirumaran SMK., & Naqvi, SMK. 2014. *Package of Practices for Profitable Rabbit Farming.* SRRC (ICAR – CSWRI), Mannavanur. pp: 1-182.
5. **Pourouchottamane R,** Vasantha kumar S, Ganapathy P, Murugan M, Kumaravel A & Prathaban K. 2013. *Scientific Pig Farming (Tamil).* Dept of LPM, VCRI, TANUVAS, Tirunelveli. pp: 1-58.
6. Venkatasubramanian V, Singha A K, **Pourouchottamane R** and Sajeev M V. 2009. *Training Needs and Methodology for agricultural development in North eastern Region.* ICAR-Zonal Coordinating Unit (Zone III), Barapani, Meghalaya. pp: 1-377.

Research article in referred Journals:

1. Banik S, Naskar S, Pankaj P K, **Pourouchottamane R**, Barman K, Sahoo N R and Tamuli M K. 2013. Construction of growth band for early selection of indigenous pigs in India. *Applied Biological Research* 15(1): 1-5.
2. Kataktaalware M A, **Pourouchottamane R**, Rajkova J, Barua K, Sarkar M and Bhattacharya M. 2007. Training schedule for yaks as pack animal *Indian Veterinary Journal* 84 (12): 1286 – 88
3. Kataktaalware M A, **Pourouchottamane R**, Rajkova J, Borah B K D, Borah S, Saravanan B C and Sarkar M. 2008. Physiological Performance of Yak under Varying Load Carrying Conditions. *Indian Journal of Animal Science* 78 (2): 231 – 233.
4. Mallick P K, **Pourouchottamane R**, Rajapandi S, Thirumaran S M K and Rajendiran A S. 2015 Performance of Bharat Merino X Bannur / Mandya Crossbreds in Kolar and Chikballapur Districts of Karnataka. *The Indian Journal of Small Ruminants* 21(1):28 – 31
5. Mallick P K, **Pourouchottamane R**, Rajapandi S, Thirumaran S M K, Venkatramanan R., Murali G and Rajendiran A S. 2016. Influence of genetic and non-genetic factors on growth traits of Bharat Merino sheep in sub temperate climate of Kodai hills, Tamil Nadu. Online published *Indian Journal of Animal Research*. DOI:10.1805/ijar.10979 dated 11/07/2016.
6. Mallick P K, **Pourouchottamane R**, Rajendiran AS, Rajapandi S, Thirumaran S M K, Nagarajan G and Pankaj P K (2014 Published on 23/03/2017). Influence of Season of Birth on Productive and Reproductive Performances of Bharat Merino Sheep in Sub-Temperate Rain-fed Conditions of Tamil Nadu. *Journal of Agro meteorology* Vol 16 (Special Issue 1): 42 – 47.
7. Mallick P K, Thirumaran S M K, **Pourouchottamane R**, Rajapandi S, Venkatramanan R, Nagarajan G, Murali G and Rajendiran A S. 2016. Genetic trend for growth and wool performance in a closed flock of Bharat Merino sheep at sub temperate region of Kodai hills, Tamil Nadu. *Veterinary world*. 9(3): 276-280.
8. Pankaj P K, **Pourouchottamane R**, Das A, Sahoo N R, Banik S and Tamuli M K. 2011. Pattern of deciduous teeth eruption in Ghungroo pig. *Indian Veterinary Journal*. 88 (9): 110-112.
9. Pankaj P K, **Pourouchottamane R**, Sahoo N R, Banik S and Venkatsubramanian V. 2013. Standardization of weaning in Niang Megha pigs. *Indian Veterinary Journal* 90(7): 50-51.
10. Pankaj P K, Mishra A, **Pourouchottamane R**, Venkatasubramanian V, Ramana D B V and Sahoo N R. 2014. Designing of suitable adjustable dipping tank for organized piggery. *Veterinary Practitioner*, 14(2) (Supplement-1): 579-581
11. **Pourouchottamane R**, Chatterjee A, Kataktaalware M A, Saravanan B C and Sarkar M. 2007. Growth Performance of Male Yak Calves fed on Different Levels of Concentrate *Indian Veterinary Journal* 84 (11): 1156 – 58

12. **Pourouchottamane R**, Kataktalware M A, Ramesha K P, Saravanan B C, Ghosh M K, Sarkar M, Mishra A and Pankaj P K. 2011. Lactation performance and milk characteristics of yaks (*Poehagus grunniens* L) under sub-alpine temperate zone of north-eastern India. *Veterinary Practitioner*. 12 (2): 229-232.
13. **Pourouchottamane R**, Pankaj P K, Banik S, Naskar S, Venkatasubramanian V. and Ramana D B V. 2013. Effect of micro-environmental variations on biomolecular profile and performance of pig. *Journal of Agro meteorology* 15(Special Issue-I): 138-143.
14. **Pourouchottamane R**, Pankaj P K, Banik S, Venkatasubramanian V, Das H K and Konwar P. 2014. Effect of Improved Shelter Management on Micro-Climatic Conditions and Performance of Ghungroo Pigs. *Indian veterinary journal*, 91(6): 93-95.
15. **Pourouchottamane R**, Rajendiran A S, Mallick P K, Nagarajan G, Murali G, Thirumaran S M K, Rajapandi S and Pankaj P.K. 2014. (Published on 23/03/2017) Deciphering Influence of Micro Climate on Productive and Reproductive Performance of Broiler Rabbits reared under Sub-Temperate Climate of Kodai Hills, Tamil Nadu. *Journal of agro meteorology* Vol 16 (Special Issue 1):186 – 192.
16. **Pourouchottamane R**, Venkatasubramanian V, Singha A K, Mishra A and Pankaj P K. 2012. Training needs analysis of livestock farmers and rural youths of north eastern India. *Veterinary Practitioner* 13(2): 374-379.
17. **Pourouchottamane R**, Panka, P K, Banik S, Naskar S, Tamuli M K and Das A. 2013. Behavioural response of pigs to thermal stress under intensive system of rearing. *Indian Journal of Animal Production and Management* 29(3-4): 75-78.
18. Rajapandi S, Ramanathan N, **Pourouchottamane R**, Thiruvenkatan A K, Ramesh Saravana Kumar V, Pankaj P K and Rajendiran A S. 2015. Analysis of Reproductive Traits of Broiler Rabbits Reared in Sub-temperate Climate of Kodai Hills, Tamil Nadu, India. *Veterinary World* 8(8): 1045-1050
19. Saravanan B C, Bandyopadhyay S, **Pourouchottamane R**, Kataktalware M A, Ramesha K P and Sarkar M. 2008. Incidence of Ixodid ticks infesting on yak (*Poephagus grunniens*.L) and its hybrids in Arunachal Pradesh and Sikkim. *Indian Journal of Animal Science*. 78(2): 159 – 160.
20. Venkatasubramanian V, Kumaresan A, **Pourouchottamane R**, Mishra A and Pankaj P K. 2012. Capacity Building of Milk Producers for Sustainable growth of Dairying in Northeastern Region: Status and Strategies. *Veterinary Practitioner*. Vol 13 (1): 121 – 125.