

## PROFILE IN RESPECT OF DR.RAZOUNEINUO ZUYIE,DEPTT. OF LPM

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**Date of Joining the Institution:** 22.07.2003

**1. Education:** M.Sc. (Ag.) and Ph.D. (APM)  
**2. Academic Experience:** 15 years  
**3. Field of specialization:** Livestock Production and Management  
**4. Teaching areas:** Livestock and poultry production and management  
**4. Publications in Journal:**

1. Basaiawmoit, A., Rutsa, M.C., **Zuyie, R.** and Nakhro, R. 2017. Production performance of rabbit on diet supplemented with *Erythrina stricta*. *Asian Academic Research Journal of multidisciplinary*, **04**: 54-59.
2. Devi, N. S., **Zuyie, R.**, Vidyarthi, V. K. and Rutsa, M. C. 2017. Performance of Vanaraja Birds Under daily and skip-a- day feeding. *Asian Academic Research Journal of multidisciplinary*. **04**:69-74.
3. Sharma, K.G., Vidyarthi, V.K. and **Zuyie, R.** 2017. Influence of probiotics on performance of New Zealand White broiler Rabbits. *The Indian Veterinary Journal*, **94**: 53-55.
4. Archana, K., **Zuyie, R.**, Sharma, K.G. and Vidyarthi, V.K. 2016. Organic acid supplementation in the diet of broiler chicken-A Review. *Livestock Research International*.**04**:112-119.
5. Sharma, K. G., Vidyarthi, V.K. Archana, K. and **Zuyie, R.** 2016. Probiotic supplementation in the diet of rabbits-A review. *Livestock Research International*. **04**:1-10.
6. Sharma, K.G., Vidyarthi, V. K. and **Zuyie, R.** 2016. Probiotics supplementation and performance of broiler rabbits. *Indian Journal of Animal Nutrition*. **33**: 331-335.
7. Nizamuddin, Jakhalu,A.,Vidyarthi,V.K. and **Zuyie, R.** 2011.Effect of herbal growth promoter on the performance and economics of broiler chicken production, *Indian Journal of Poultry Science*. **46** (2):177-180
8. Rutsa, M. C., Sharma,V.B., Bujarbaruah, K.M., Vidyarthi, V. K. and **Zuyie, R.** and Mech, A.M. 2011. Effect of different breeds, caging system and seasons on production of broiler rabbit in Nagaland. *Indian Journal of Animal Production and Management*. **27** (3-4): 179-182.
9. Vidyarthi, V.K., Sharma, S., **Zuyie, R.**, Rai, D.C. and Sharma, V.B. 2011. Growth performance of crossbred rams fed on all oat fodder. *Indian Journal of Animal Nutrition*. **28** (03):299 – 302.

10. Vidyarthi, V.K., Sharma, S., **Zuyie, R.**, Rai, D.C. and Sharma, V.B. 2011. Nutritive value of oat fodder for sheep. *Indian Journal of Animal Nutrition*. **28** (03):299 – 302.
11. Vidyarthi,V.K., **Zuyie,R.**, Nizamuddin, Savino,N. and Sharma,V.B. 2011.Influence of dietary antioxidant on performance of broilers. *Indian Veterinary Journal*. **88** (3):51-52.
12. Vidyarthi,V.K., **Zuyie,R.**, Savino, N. and Sharma,V. B. 2011.Effect of dietary selenium supplementation on performance of broiler chicken. *Indian Journal of Animal Production and Management*. **27** (1-2):91-93.
13. Vidyarthi, V.K., **Zuyie, R.**, Savino, N. and Sharma, V.B. 2011. Performance of broilers on diet supplemented with SEL-VIT E as an antioxidant. *Indian Journal of Animal Production and Management*. **27** (3-4): 222-224.
14. **Zuyie, R.**; Sharma, V.B.; Bujarbaruah, K.M. and Vidyarthi, V.K. (2011). Production performance of vanaraja birds in Nagaland. *Indian Veterinary Journal*. **88** (8):138 -139.
15. Vidyarthi, V.K.; Srivastava, M.K.; **Zuyie, R.** And Sharma, V.B. (2010). Effect of different levels of urea and hydrogen peroxide treatment on nutritive value of mustard straw. *Indian Journal of Animal Nutrition*. **24** (4):364-368.
16. Vidyarthi,V.K.; **Zuyie,R.**; Nizamuddin and Sharma,V.B.(2010).Effect of commercial enzyme supplementation on the performance of broiler chicken. *Indian Veterinary Journal*. **87** (6):579-580.
17. Chaurasia, R.K.; Vidyarthi, V.K.; Rai, D.C.; **Zuyie, R.** and Sharma, V.B. (2008). Effect of dietary probiotic on the performance and economy of rearing Vanaraja birds. *Indian Journal of Animal Production and Management*. **24** (1-2): 18-21.
18. Vidyarthi, V.K.; **Zuyie, R.**; Sharma, V.B. and Verma, M. L. (2008). In situ digestibility of paddy straw treated with ammonia (urea) and incubated at different temperatures and periods. *Nagaland University Research Journal*. **5**:80-85.
19. **Zuyie, R.**; Sharma, V.B.; Bujarbaruah, K.M. and Vidyarthi, V.K. (2009). Performance of Vanaraja birds under extensive system of rearing at different altitudes in Nagaland, *Indian Journal of Poultry Science*. **44** (3): 411-413.

## 5. Other Publications:

### a. Abstracts:

1. Devi,N.S., **Zuyie, R.** and Vidyarthi, V.K. 2016. Effect of feed restriction on the performance of Vanaraja birds. In: Proceedings of National Symposium on Rural Poultry for Livelihood, Nutritional and Economic Security and XXXIII Annual Conference of Indian Poultry Science Association held on November, 3-5 at College of veterinary Science, Khanapara, Guwahati.pp. 39.
2. Archana, K. **Zuyie, R.** and Vidyarthi, V.K. 2016. Effect of different levels of organic acid on performance of broiler chicken. In: Proceedings of National Symposium on Rural Poultry for

Livelihood, Nutritional and Economic Security and XXXIII Annual Conference of Indian Poultry Science Association held on November, 3-5 at College of veterinary Science, Khanapara, Guwahati.pp.264.

3. Vidyarthi, V. K.; **Zuyie, R.**; Savino, N. and Sharma, V. B. 2011. Growth performance and economy of broiler chickens production on diet with different levels of selenium. In: Proceedings of XXVIII Annual Conference and International Symposium of Indian Poultry Science Association (IPSACON-2011) on December 22-24, 2011 at Bihar Veterinary College, Patna. No. 2.40, pp. 76.
4. Vidyarthi, V. K.; **Zuyie, R.**; Sharma, V. B. Nizamuddin and Rutsa, C. 2011. Performance and lipid stability of broiler chickens on diet supplemented with different levels of dietary Vitamin E. In: XXVIII Annual Conference and International Symposium of Indian Poultry Science Association (IPSACON-2011) on December 22-24, 2011 at Bihar Veterinary College, Patna. No. 2.41, pp. 76.
5. Vidyarthi, V. K.; **Zuyie, R.**; Nizamuddin; Savino, N. and Sharma, V.B. 2010. Influence of dietary antioxidants on the performance of broilers. In: XXVII Annual Conference and National Symposium of Indian Poultry Science Association- IPSACON 2010 on September 16-18, 2010 at Madras Veterinary College, TANUVAS, Chennai.
6. Vidyarthi, V. K.; **Zuyie, R.**; Nizamuddin and Sharma, V.B. 2010. Effect of commercial enzyme supplementation on the performance of broiler chicken. In: XXVII Annual Conference and National Symposium of Indian Poultry Science Association- IPSACON 2010 on September 16-18, 2010 at Madras Veterinary College, TANUVAS, Chennai.
7. **Zuyie,R.**;Sharma,V.B. and Vidyarthi,V.K. 2005.Effect of stocking density on growth and feed conversion ratio of two strains of broiler.12<sup>th</sup> Annual Nutrition Conference on Technological Intervention in Animal Nutrition for Rural Prosperity at Anand Agricultural University, Anand,Gujarat.
8. **Zuyie,R.**; Sharma,V.B. and Vidyarthi,V.K. 2005.Effect of stocking density on cost of production of two strains of broilers in Nagaland.12<sup>th</sup> Annual Nutrition Conference on Technological Intervention in Animal Nutrition for Rural Prosperity at Anand Agricultural University, Anand,Gujarat.

#### **b.Practical Manual:**

1. Practical Manual on Swine Production and Management. Year of publication (2014)  
By: M.Catherine Rutsa and **R.Zuyie**
2. Practical manual for Dairy Production, 401. Year of publication (2013)  
By: **R.Zuyie**,V.K.Vidyarthi and M.Catherine Rutsa
3. Livestock Production and Management, APM 101. Year of publication (2012)  
By: **R.Zuyie**, Nizamuddin V.K.Vidyarthi, and V,B,Sharma
4. Practical Manual on Animal Hygiene, APM505. Year of publication (2008)  
By: M.Catherine Rutsa, V.Rutsa and **R.Zuyie**

**c. Articles in Magazine:**

1. Rutsa, M.C. (2013-14). Rabbit Farming - for higher meat production in NEH Region
2. Zuyie, R. (2010-11). Who moved my cheese? A book review, Hill Agri Annual Magazine, SASRD, pp66.
3. Zuyie, R. (2008-09). Vanaraja- A promising bird for backyard poultry production. Hill Agri Annual Magazine, SASRD, pp49-50.

**5. Research guidance:**

S.N	Topic of thesis	Name of student	Degree	Year of ward
1.	Effects of Different Levels of Organic Acid on Performance of Broiler Chicken	Khaidem Archana	M.Sc.(Ag.)	2015
2.	Effect of Feed Restriction on the Performance of Vanaraja Birds	Naorem Sushma Devi	M.Sc.(Ag.)	2016
3.	Effect of different types of litter material on the performance and carcass yield of broiler chicken	Merentula	M.Sc.(Ag.)	submitted
4.	Effect of Amla ( <i>Emblica officinalis</i> ) Powder on the Performance of Broiler Chicken under Different Stocking Density”	Merennungba Imchen	M.Sc.(Ag.)	submitted
5.	Effect of garlic supplementation on the performance, carcass characteristics and blood profile of broiler chicken	Khaidem Archana	Ph.D.	continuing
6.	Effect of dietary supplementation of turmeric ( <i>curcuma longa</i> ) powder on the performance of vanaraja bird	Naorem Diana Devi	Ph.D.	continuing

**6. Seminar/conference attended:**

1. Conference for budding entrepreneurs on 10.08.2017 at NRC on Mithun, ICAR, Jharnapani, Medziphema, Nagaland
2. National Symposium on Rural Poultry for Livelihood, Nutritional and Economic Security and XXXIII Annual Conference of Indian Poultry Science Association held on November, 3-5, 2016 at College of Veterinary Science, Khanapara, Guwahati.
3. Seminar on “Upgradation of local indigenous pig Tenyivo and its benefits” on 03.11.2014, at SASRD, Medziphema.
4. National seminar on Emerging challenges and prospective strategies for Hill Agriculture in 2050 at ICAR Research Complex, Jharnapani, 23<sup>rd</sup> to 25<sup>th</sup> January, 2014.
5. 28<sup>th</sup> Annual Conference and International Symposium of Indian Poultry Science Association (IPSACON-2011) on “Rural Employment Generation and Nutritional Security through Poultry Production”, held on December 22-24, 2011 at Bihar Veterinary College, Patna (Bihar Agricultural University, Sabaur, Bhagalpur, Bihar).

**9. Any other information:**

**a. Orientation/Summer/winter schools attended:**

1. Advances in molecular techniques in animal health and production with particular reference to pigs held from 24<sup>th</sup> November to 14<sup>th</sup> December, 2017 at ICAR-NRC Pig, Rani, Guwahati.
2. Winter School on “Role of Agri Business and Market Intelligence for Sustainable Agriculture Development” from 6<sup>th</sup> to 26 Sept’ 2016.
3. Special summer school at UGC- Academic staff college, NEHU, Shillong, Meghalaya, held from 25<sup>th</sup> August to 14<sup>th</sup> September, 2014.
4. Winter School on “Complementary Role of Livestock and Fisheries in Sustainable Hill Farming” (ICAR Research Complex for NEH Region, Umiam, Meghalaya) August 09 to 29, 2006.
5. Orientation Course (UGC-Academic Staff College, University of Hyderabad) September 23 to October 20, 2010.

**b. Folders:**

1. Care and Management of New Born Piglet, Nov 2015
2. Fodders and Forages for Pig Feeding, Nov 2015
3. Documentation of Tuber slicer, Nov. 2015
4. Prevention of Poultry Diseases, 2013
5. Broiler Management, 2013
6. Vanaraja ‘Dual purpose low input technology bird for backyard rearing’, 2012.

Signature