



A. S. Mahapatra

Scientist (Computer Application)

Mob -

E-mail - abhijtcifa@yahoo.com

abhijtcifa@gmail.com

Department	Social Science Section
Institute/University	Central Institute of Freshwater Aquaculture (<i>Indian Council of Agricultural Research</i>)
Address	Computer Centre Central Institute of Freshwater Aquaculture (CIFA) P.O. - Kausalyaganga, Bhubaneswar- 751 002 Odisha, India.
Date of Birth	29 th January 1970
Sex	Male
Tel	
Fax	
Service history in ICAR	12 Years From 16 th Nov. 1999 to 28 th July 2009 at Central Avian Research Institute, Izatnagar, Bareilly, U.P From 31 st July 2009 onwards at Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha

Educational Qualifications

1	M.Sc.
2	P.G.D.C.A

Area of Interest	<ul style="list-style-type: none"> ▪ IT Security, Network Management and security ▪ Software Development both standalone and web-based ▪ Database development and management ▪ Bio-informatics tools and software's ▪ Analysis of data using statistical software SPSS
Completed Projects	06
Current research projects	<ol style="list-style-type: none"> 1. "Bio-technology Information System on Aquaculture." (P.I) 2. "Aquaculture in changing climate – A study based on the perceptions of freshwater aqua culturists" (Co-PI) 3. "Intellectual Property Management and Transfer/ Commercialization of Agricultural Technologies." (Co-PI)
Other responsibilities	<ul style="list-style-type: none"> ➤ In charge Computer Centre ➤ Nodal officer: - ICAR-PIMS ➤ As Nodal officer – National Knowledge Network(NKN) ➤ Nodal officer :- Strengthening Statistical Computing for NARS ➤ Nodal officer: - ARS Online Examination
Student Guided	05 (P.G Bio-informatics students of O.U.A.T, Bhubaneswar, Odisha for their final semester project.)

Publications

List of Publications

1. Bhattacharya.T.K., Patil, V.K., Joshi, J.D. **Mahapatra, A.S.** and Badola, S. (2000). Dairy performance of Tharparkar, Holstein Friesian and their crosses. *Indian J. Anim. Sciences* **72** (2): 154-156, February 2002
2. Das K S, Tomer O S, Das N, **Mahapatra, A.S.** and Bhattacharya T K. Correlation of prepartum udder and teat measurements with milk yield in primiparous crossbred dairy cows. *Indian J. Anim. Prod. Mgmt. Vol. 18 (1-2)17-19 (2002).*
3. Das K S, Tomer O S, Das N, **Mahapatra, A.S.** and Bhattacharya T K. Association between prepartum body as well as skin-fold thickness measurements and milk yield in primiparous crossbred dairy cows. *Indian J. Anim. Prod. Mgmt. Vol. 18 (1-2)14-16 (2002).*

	<ol style="list-style-type: none"> 4. Das K S, Mahapatra A.S., Das N and Bhattacharya T K. Prediction of body weight based on prepartum body measurements and skin fold thickness in crossbred dairy heifers. <i>Ind. J. Ani. Research.</i>, 37(1): 65-67, 2003. 5. Das K S, Tomer O S, Das N, Mahapatra A. S., and Bhattacharya T K. Correlation of body condition scoring with subsequent milk production in primiparous crossbred dairy cows., <i>SARAS Journal of livestock and poultry Production</i> 19 (3-4): 32-35, 2003. 6. Singh, R.P., Beura C.K., Mahapatra, A.S., Bathla, H.V.L., Jha, G. K., Singh, P.K. and Kumar, D. 2009. Assessment of quantitative losses of eggs at different stages between farm and household consumer. <i>Indian J. Poult. Sci.</i> 44: 239-242. 7. N. Panda, A.S. Mahapatra, and Rasmiprava Samal (2011). "Impact Evaluation of SGSY on Socio-economic Development of Women in Aquaculture in Eastern Hills of Orissa". <i>Aquaculture International</i>. DOI 10.1007/s 10499-011-9542-x. 8. Jitendra Maharana, Banikalyan Swain, Bikash R. Sahoo, Manas R. Dikhit, Madhubanti Basu, A.S. Mahapatra, P. Jayasankar and Mrinal Samanta. "Identification of MDP (muramyl dipeptide)-binding key domains in NOD2 (nucleotide-binding and oligomerization domain-2) receptor of <i>Labeo rohita</i>. <i>Fish Physiol Biochem</i> DOI 10.1007/s10695-012-9758-2. 9. Soumesh Kumar Padhi, Swetaleena Tripathy, Rinil Sen, A.S.Mahapatra, Sriprakash Mohanty, Nikhil Kumar Maiti. "Characterisation of heterotrophic nitrifying and aerobic denitrifying <i>Klebsiella pneumoniae</i> CF-S9 strain for bioremediation of wastewater". <i>International Biodeterioration & Biodegradation</i> Volume 78, March 2013, Pages 67–73.
<p>Papers/ Abstracts in the proceedings of Conference/ Symposium/ Workshop etc.</p>	<ol style="list-style-type: none"> 1. Ram Gopal, Mahapatra A.S., Dash BB and Sachdev AK, 2001. Development of poultry disease diagnostic and remedial information system in India. Paper No. 99 (ii) Proceedings of 1st SAARC Poult. Conf. held during 24-26 Sept., 2001 at Pune. 2. Pramod, AB, Ram Gopal, Mahapatra, A.S. and Sachdev, AK 2002. Input energy requirement for processing shami chicken kabab containing black pepper and turmeric extract. Proceedings, National workshop on characterization and conservation of indigenous poultry germ plasm held during 26-27 Feb., 2002 at Port Blair (A&N Islands) p 146. 3. Ram Gopal, Mahapatra, A.S. and Sachdev, AK.2002. Informatics on nutritional and technical education inputs for poultry production

- in various provinces of India. Proc. of X International Congress of Asian Australasian Association of Animal Production Societies (23-29 Sept. 2002) held at New Delhi, Paper No. IND326:134-135.
4. **Mahapatra, A.S.**, Sachdeva, M, Ram Gopal, and Sachdev AK, 2002. Windows enabled computer application software for promoting poultry production activities in developing countries. Proc. of 11th European Poultry Congress (6-10 sept.2002) held at Bremen (Germany) Paper No. 4.3.8.
 5. Ram Gopal, **Mahapatra, A.S.** and Sachdev, AK.2002. Pilot studies on status of poultry development in Indian States. Proc. 56th Ann.Conf.of Ind. Soc. of Agri. Statistics. (18-20 Dec.2002) held at UAS, Dharwad. Paper No. 44.
 6. Ram Gopal, **A.S. Mahapatra** and Sachdev, AK. 2003. Pilot studies on standardization of Project Information System for poultry. Proc. X Ann. Conf. of Ind. Assoc. for Advancement of Vet. Res. & National Symposium on Challenges and strategies for sustainable animal production in mountains of Ind. Vet. Congress-4th Vetex, held at CSKHPKVV, Palampur during 14-15 April, 2003,: Paper no. P 5.15.
 7. Pramod, AB, Sachdev AK, Ram Gopal and **Mahapatra, A. S.** 2003. Cost effectiveness of processing shami chicken Kabab with black pepper extract. Proc. X Ann. Conf. of Ind. Assoc. for Advancement of Vet. Res. & National Symposium on Challenges and strategies for sustainable animal production in mountains of Ind. Vet. Congress-4th Vetex, held at CSKHPKVV, Palampur during 14-15 April, 2003,: Paper no. P 4.53
 8. Singh, R.P., Beura C.K., **Mahapatra, A.S.**, Bathla, H.V.L., Jha G.K. and Singh, P.K.2004. Consumer's attitude, buying behavior and consumption pattern of eggs at household level. Souvenir, ICFOST- 2004. CFTRI, Mysore. AP-12 page p-4.
 9. Ram Gopal, Sachdev, A.K. and **Mahapatra, A.S.** 2005. Analysis of salient impediments for poultry development in India. Full paper included in 58th Annual Conference of Ind. Soc. of Agri. Stat. held during 20-22 Jan. 2005 at CMFRI, Cochin.
 10. Pramod, AB, Ram Gopal, **Mahapatra, A.S.** and Sachdev AK, 2002. Utilization of turmeric extract for extending shelf life of chicken kabab. Proc. of 11th European Poultry Congress (6-10 sept.2002) held at Bremen (Germany) Paper No. ABS-0294-00125
 11. Pramod, AB, Sachdev AK, **Mahapatra, A.S.** and Ram Gopal 2002. Role of black pepper extract in preservation of chicken kabab. Proc. of 11th European Poultry Congress (6-10 sept.2002) held at Bremen

(Germany) Paper No. ABS-3596-00124.

12. Ram Gopal, **Mahapatra, A.S.** and Sachdev, AK. 2003 Poultry input output information system for different regions in India. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. EEE8:68.
13. Singh, BP, Ram Gopal and **Mahapatra, A.S.** 2003 Poultry bioinformatics- Access to new information in genomic research. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. AGBII. 25: 24.
14. Pramod, AB, Sachdev AK Ram Gopal, and **Mahapatra, A.S.** 2003. Effect of binders and cooking methods on the quality of Shami chickem kabab. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. PHT II 18: 133.
15. Sharma R.D, Sharma Deepak, **Mahapatra A.S.**, and Singh A.K. Study on Present status and Future Prospects of Poultry production in India. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. EEE12:69.
16. Singh R.P, Beura C.K, **Mahapatra A.S**, Bathla H.V.L, Kumar Dharendra and Singh P.K. Socio Economic Status, Consumption Pattern and losses of eggs and chicken meat at household level in Bareilly district. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. EEE13:69.
17. Singh R.P, Beura C.K, **Mahapatra A.S**, Bathla H.V.L, Kumar Dharendra and Singh P.K. Layer farming practices and egg damages at farms in Bareilly and Tarai region of Uttaranchal. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. PHTI.3:119.
18. Singh R.P, Beura C.K, **Mahapatra A.S**, Bathla H.V.L, Kumar Dharendra and Singh P.K. Broiler farming practices and losses during harvesting stage at farms in Bareilly and Tarai region of Uttaranchal. Souvenir and Abstracts XXI Ann. Conf. of IPSA and National Symposium on Diversity of Poultry for Nutritional Security. (27-28 March 2003) Paper no. PHTII.26:135.
19. Ram Gopal, Sachdev, A.K. and **Mahapatra, A.S.** 2004. Sample survey on inter and intra industry interactions for poultry

development in India. Abstracts 57th ann. Conf of Ind. Soc. Of Agri. Statistics held at GB Pant Uni. Agri. & Tech. Pantnagar during 5-7 Feb. 2004: 13-14.

20. Singh, R. P., Beura, C. K., **Mahapatra, A.S., Bathla, H.V.L., Jha, G.K.,** and Singh, P.K. 2005. Assessment of harvest and post-harvest losses of eggs at farm, market and household consumer. Proc. of Indian Poultry Science Association XXIII Annual Conference & National Symposium (IPSACON 2005) on “Indian Poultry Production in Changed Global Scenario: Challenges and Opportunities” held at Hyderabad during 2-4 February, 2005,; Paper. no. 295.
21. Singh, R. P., Beura, C. K., **Mahapatra, A.S.,** Bathla, H.V.L., Jha, G.K., and Singh, P.K. 2005. Consumers’ attitude, buying behaviour and consumption pattern of chicken meat at household level. Proc. of Indian Poultry Science Association XXIII Annual Conference & National Symposium (IPSACON 2005) on “Indian Poultry Production in Changed Global Scenario: Challenges and Opportunities” held at Hyderabad during 2-4 February, 2005,; Paper. no. 325.
22. Mahapatra, C.M., Beura, C.K. and **Mahapatra, A. S.** 2008. Consumer response for consumption of poultry products with special reference to value-added poultry products. Proc. Silver Jubilee Annual Conf. & National Symp. of IPSA (IPSACON-2008) on “Poultry Production in India: Threats and Opportunities”. Veterinary College, Anand Agril. Univ. Anand, p.496.
23. **A.S. Mahapatra,** G.S.Saha, and H.K.De. 2010. Web based aquaculture extension: Prospects and potentials. Proc. National Seminar on “Enhancing efficiency of Extension for sustainable agriculture and livestock production”. IVRI, Izatnagar, Bareilly, p. 210-211.
24. G.S.Saha, Radheyshyam, H.K.De, K. Kumar, P. P. Chakraborty and **A.S. Mahapatra.** 2010. Climate change vis-à-vis aquaculture: Perception of aqua-farmers. Proc. National Seminar on “Enhancing efficiency of Extension for sustainable agriculture and livestock production”. IVRI, Izatnagar, Bareilly, p. 104.
25. Nirupama Panda, **A.S. Mahapatra** and D. P. Rath. 2010. Use of Multivariate Statistical Methods in Analysis of Gene Expression Data. Proc. National Workshop on “Application of Bio-informatics in Aquaculture”. CIFA, Kauslayaganga, Bhubaneswar, p. 40-42.
26. Rasiprava Samal, **A.S. Mahapatra** and Truptimayee Behera. 2010. Bioinformatics Tools In Aquaculture Geneomics. Proc. National

	<p>Workshop on “Application of Bio-informatics in Aquaculture”. CIFA, Kauslayaganga, Bhubaneswar, p. 40-42</p> <p>27. Nirupama Panda, Narayan Chandra Pani, A. S. Mahapatra and Utkal Laxmi Mohanty. Socio-economic impact of Olive Ridley Protection on Fishing Communities of Odhisa: Alternative Livelihoods for Women Fisher Folk. Proc. International conference on “Tropical Island Ecosystem: issues related to livelihood, sustainable development and climate change”. CARI, Porst Blair 23-26th march 2011.</p> <p>28. A. S. Mahapatra, G. S. Saha, H. K. De, N. K. Barik, N. Panda, D. P. Rath and Rasmiprava Samal. 2011. Overview of programming language visual basic, its derivatives VBA and VBScript for software development both standalone and web-based. Proc. National Workshop on “Bioinformatics for Aquaculture Research”. CIFA, Kauslayaganga, Bhubaneswar, p. 50-53.</p> <p>29. Nirupama Panda, A. S. Mahapatra and D. P. Rath. 2011. Principal component analysis for analysing biological data. Proc. National Workshop on “Bioinformatics for Aquaculture Research”. CIFA, Kauslayaganga, Bhubaneswar, p. 63-65.</p> <p>30. Rasiprava Samal and A. S. Mahapatra 2011. Metagenomics and its Application in Aquaculture. Proc. National Workshop on “Bioinformatics for Aquaculture Research”. CIFA, Kauslayaganga, Bhubaneswar, p. 73-76.</p>
<p>Books</p>	<p>1. KUKKUT ROGON KII PEHCHAN EVAN UPCHAAR MEIN SOOCHNA VIGYAN KAA MAHATVA by Ram Gopal, Rajvir Singh, A.S. Mahapatra, B. B. Dash and A.K. Sachdev, Published by CARI, Izatnagar, Pages 157</p> <p>2. Clinical Information System For Poultry by Ram Gopal, A. S. Mahapatra, B. B. Dash and A.K. Sachdev, <i>Published by CARI, Izatnagar</i>, Pages 107</p>
<p>Popular Articles</p>	<p>1. Ram Gopal, Mahapatra A.S., Dash BB and Sachdev A. K, 2001. Development of poultry disease diagnostic and remedial information system in India. Poultry punch.</p> <p>2. Singh, BP, Ram Gopal, Mahapatra, A. S and Sachdev A. K 2002. Poultry informatics an emerging new priority area. Poultry Planner, Nov. 2002, 4(4): 12-14.</p>