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Date of birth : December 07, 1951		
Designation : Professor of Plant Protection		
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Academic qualification :		
Year	Degree	University
1972	B.Sc.(Ag.) Hons.	Visva-Bharati
1974	M.Sc.(Ag.) Agril. Entomology	Bidhan Chandra Krishi Viswavidyalaya
1981	Ph.D. Agril. Entomology	Bidhan Chandra Krishi Viswavidyalaya
Research areas : Economic Entomology, Insect Pest management		
Administration : Adhyaksha from January 11, 2009 to January 10, 2011 Served as Head, Department of Plant Protection for two full term & one half term (March, 2008 to September 14, 2009). Member Research Board from 03.12.2002 to 10.01.2011 Member Executive Council Member Finance Committee		
Other Academic Distinction : Awarded International IPM Recognition Award at 6 <sup>th</sup> International IPM Symposium held at Portland, Oregon,USA on March 24-26,2009. Member Research Advisory Committee (RAC) of Central Sericultural & Training Institute(Central Silk Board), Berhampore, Murshidabad since July 18, 2014 Life Member of different Plant Protection Societies		
Research Projects : Principal Investigator of project entitled “Implementation and promotion of IPM technology for the control of eggplant (brinjal) fruit and shoot borer ( <i>Leucinodes orbonalis</i> ) in Indo gangetic plains of South Asia” Sponsored by Asian Vegetable Research Center (AVRDC), Taiwan and funded by DFID, U.K. 2003 to 2006		

Co-Investigator of Vermicompost project sponsored by Department of Science and Technology, Government of West Bengal
No. of Ph.D. supervised : 06
Significant publications :
<p>01. Roy,S.K. and Baral,K. (2004). Influence of weather parameters on arrival and dispersal of mustard aphid <i>Lipaphis erysimi</i> (Kaltenbach). <i>The Ekologia</i> 2(1-2): 123-127.</p> <p>02.Mandal,D., Baral, K. and Dasgupta, M.K. (2005). Assessment of potentiality of insects in natural control of weeds. <i>J. Appl. Zool. Res.</i> 16(1) : 50-53.</p> <p>03.Ghosh,J., Senapati, S.K. and Baral, K. (1999). Screening and selection of adaptable and stable bivoltine breeds and hybrids and identification of rearing seasons of silkworms for terrain ecological conditions. <i>Ann.Entomol.</i> 17(1) : 1-12.</p> <p>04.Baral,K.,Roy,B.C.,Rahim,K.M.B. Chatterjee, H., Mondal, P., Mondal,D.,Ghosh,D. and Talekar, N. S. (2006). Socio-economic parameters of pesticide use and assessment of impact of an IPM strategy for the control of eggplant fruit and shoot borer in West Bengal, India. Technical Bulletin No. 37. AVRDC publication number 06-673.AVRDC – The World Vegetable Center, Shanhua, Taiwan. 36pp.</p> <p>05. Alam, S.N., Hossain, M. I., Rouf, F.M.A., Jhala, R.C., Patel, M.G. , Rath, L.K. Sengupta, A., Baral,K., Shylesha, A.N., Satpathy, S. , Shivalingaswamy, T.M., Cork. A. and Talekar, N. S. (2006). Implementation and promotion of an IPM strategy for control of eggplant fruit and shoot borer in South Asia. Technical Bulletin No. 36. AVRDC publication number 06-672.AVRDC – The World Vegetable Center, Shanhua, Taiwan. 74pp.</p> <p>06. Mandal,D., Baral, K. and Dasgupta, M.K. (2006). Distribution pattern of some insect pests and diseases of a few weeds and their seasonal variation. <i>Indian Agric.</i> 50(3&amp;4) : 107-110.</p> <p>07. Mandal,D., Dasgupta, M.K. and Baral, K. (2008). Natural weed-insect-microbes association in and around Sriniketan in lateritic belt of West Bengal : Biocontrol implications. <i>J.Plant Prot.Environ.</i> 5(1) : 34-37</p> <p>08. Mandal,D., Ghosh,D.,Baral, K., Roy, B. C. and Talekar, N.S. (2008). Impact of IPM strategy for control of Brinjal Fruit and Shoot Borer, <i>Leucinodes orbonalis</i> (Guenee). <i>Ann. Pl. Protec. Sci.</i>16 (2) :399-403.</p> <p>09. Mandal D, Baral K and Dasgupta M K. (2009). Developing site-specific appropriate precision agriculture. <i>The Journal of Plant Protection Sciences.</i> 1(1) : 44-50.</p> <p>10. Dasgupta, M K., Mandal, N.C., Baral, K.,Ray, B.R.,Roy.H.N.,Goswami,T., Mandal, D., and Ghosh,P.(2009). Appropriate IPM in Subtropical Sugarcane in North India and its Integration into Appropriate Integrated Management system. In : <i>Sugarcane Development : Technological Interface Between Tradition and Modernity</i> (D.Das Gupta ed.),Agrobios (India), pp. 205-233.</p> <p>11. Mandal D, Baral K, Ghosh, D C.,Timsina, J. and Dasgupta M K. (2011). Economic analysis of diversified rotational cropping systems in the lateritic belt of lower gangetic plain of Eastern India. <i>Journal of Agricultural Science and Technology B I</i> : 331-341.</p> <p>12. Mandal D, Ghosh, D C.,Baral K, Dasgupta M K. and Timsina, J. (2011). Weed incidences and their effect on crop productivity under diversified rotational cropping systems in the lateritic belt of lower gangetic</p>

plain of Eastern India. *Journal of Agricultural Science and Technology B* 1 : 331-341.

13. Nayak, U.S., Baral, K, Rath, L.K. and Mandal, P. (2011). Relative efficacy of certain new generation pesticides against brinjal fruit and shoot borer *Leucinodes orbonalis* Guenee. *J. Plant Prot. Environ.* 8(2) : 108-109.
14. Nayak, U.S., Baral, K, Rath, L.K. and Mandal, P. (2012). Seasonal incidence of *Leucinodes orbonalis* Guenne in brinjal and the effect of abiotic factors on its population dynamics. *J. Plant Prot. Environ.* 9(2) : 24-27.
15. Mondal, P., Mondal, B. N., Chatterjee, H. and Baral, K. (2013). Jute pests and their management . In : *Jute Development – Technological interface between tradition and modernity*. D. Dasgupta (Ed.) Agrobios (India), Jodhpur, Rajasthan. 124-136.
16. Mandal, D., Bhowmik, P. and Baral, K. (2013). Evaluation of insecticides for the management of Bihar hairy caterpillar, *Spilosoma oblique* Walk. (Lepidoptera : Arctiidae) in Black gram (*Vigna mungo* L.) *The Bioscan* 8(2) : 429-431
17. Mandal, D., Bhowmik, P., Baral, K. and Chatterjee, M. L (2013). Field efficacy and economics of some insecticides against spotted pod borer (*Maruca testulalis* Geyer) of black gram. *Journal of Crop and Weed* 9(2) : 177-180.
18. Pradhan, H., Baral, K. and Patnaik, P.K. (2014). Assessment of eco-friendly strategies and border crops against brinjal shoot and fruit borer *Leucinodes orbonalis* Guenee. *J. Plant Prot. Environ.* 11(2) : 25-32.