

RESUME

NAME: CHITTA RANJAN SATPATHI
DESIGNATION: PROFESSOR IN AGRIL ENTOMOLOGY
CONTACTS:



• **OFFICIAL ADDRESS FOR CORRESPONDENCE:**

• **PHONE** : **Mobile:** 8777521450
WhatsApp: 8777521450
EMAIL : **Institutional:** satpathi.chittaranjan@bckv.edu.in
Alternative: csatpathi2003@yahoo.co.in

- **ORCID ID:** 0000-0001-8489-0909
• **GOOGLE SCHOLAR PROFILE:** Publications 100, citation309, h-index 8,i10-index 7
• **RESEARCHGATE PROFILE:** Publications 33,reads 7409 , citation125
• **DATE OF BIRTH:** 12/06/1962
• **DATE OF JOINING TO THE UNIVERSITY:** 18/4/1994

• **ACADEMIC PROFILE:**

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	AGRICULTURAL ENTOMOLOGY	BCKV, MOHANPUR, NADIA, WB, INDIA	1993
MASTER'S	ECONOMIC ENTOMOLOGY	DO	1986
BACHELOR'S	AGRICULTURE	DO	1984

• **EMPLOYMENT HISTORY:(Starting from present position)**

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	BCKV	15-10-2015	Till date
Reader	BCKV	18-9-2006	15-10-2015
Lecturer	BCKV	18-04 -1994	18-9-2006

• **ADMINISTRATIVE POST(S)/ RESPONSIBILTY(IES) (IF ANY)**

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)

AREA OF RESEARCH : (Bulleted list)

- Integrated Pest Management
- Biological Control
- Agricultural Entomology
- Insect Ecology
- Pest Management
- Plant Protection
- Crop Protection
- Applied Entomology
- Insect Identification
- Insect Taxonomy
- Toxicology

COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	ENT -451	Pesticides and Plant Protection Equipment	1+1
POST GRADUATE			
Ph.D.			

NUMBER OF STUDENTS SUPERVISED:

Master's. Nil Doctoral **6(Six) completed , ongoing 2(two)**

RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)

- (1) Paper reviewer of the *Journal of Insect Science* , Department of Entomology, Punjab Agricultural University Ludhiana 141004, India Ref- JIS/2010/53 dt 8/9/2010
- (2) Examiner of the Deptt of Agril Entomology of Uttarbanga Krishi Viswavidyalay , Coachbehar , WB , India during 2012.Ref; UVKV/EAM/411 dated12/12/2011
- (3)Selection committee- Assessment committee for Career Advancement Scheme(CAS) of the Institute in the discipline of Agricultural Entomology at ICAR-KRIJAF, Barrackpore, Kolkata for a period of one year from 2nd December 2016 to 1st December 2017.Vide letter F.No.Per.7-27/2014-AU dated 7th Dec 2016.
- (4) Nomination for setting semester final theory question paper of Dr. YSR Horticultural university, Andhrapradesh-534101
- (5) Ph.D. thesis evaluator of Tamil Nadu Agricultural University- (5 nos of PhD. Thesis evaluated during 2019- 2024)

LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- (1)Selected as Zonal Councillor by the Executive Council of the Association for Advancement of Pest Management in Horticultural Ecosystem Division of Entomology & Nematology, Indian Institute of Horticultural Research, ICAR, Bangalore (1996 – 2006).

(2) Life member of the Aphidological Society of India. Since 1988 to till date

(3) Life member Entomological Society of India from 1995 to till date

• **PROJECT ACTIVITIES**

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	National Agricultural Technology Project, a World Bank funded project on “New approaches to integrated pest management in rainfed rice based production system”.(Budget 1.25 Crore)	ICAR	Completed during 2000-2004	Co-PI
2	National Agricultural Innovation Project on Development of Decision Support Systems for Insect Pests of Major Rice and Cotton based Cropping Systems(Budget 3.42 Crore)	ICAR	Completed 2008 – 2012.	Co-CCPI
Adhoc projects				
1	Bio efficacy evaluation of chlorpyrifos 20%CS on paddy for the control of green leafhopper, brownplanthopper and whitebacked planthopper	IIL	Completed during 2014 &15	PI
2	Evaluation and bioefficacy of bifenthrin 10 EC on rice crop for the control of leaffolder <i>Cnaphalocrosis medinalis</i> Guenn	IIL	Completed during 2014 &2015	PI
3	Evaluation of bioefficacy and phytotoxicity of Teflubenzuron 15 G/L + Alphacypermethrin 75G/L against, thrips , whitefly, <i>Spodoptera lituralis</i> and <i>Helicoverpa armigera</i> of tomato	BASF	Completed during 2016&17	PI
4	Evaluation of bioefficacy and phytotoxicity of cycloniliprole 80SL in rice against stem borer and leaffolder and its effect on natural enemies during rabi and kharif	ISK Biosciences India PVT Ltd	Completed during 2018 &2019	PI
5	Bio efficacy evaluation of Pyriproxifen 5% SE+ Difenturon 25%SE(Suspo emulsion)	GSP crop science Pvt Ltd	Completed during 2019&2020	PI

	on chilli crop			
6	Evaluation of Chlorantraniliprole 5% DT against rice stem borer and leaf folder	FMC	Completed during 2020&21	PI
7	Bioefficacy of chlorantraniliprole 18.5%SC against rice stem borer and leaf folder	Tagros chemical India Pvt Ltd	Completed during 2019&2020	PI
8	Bioefficacy of a Bioinsecticide against rice stem borer and leaf folder	Emergeni Agronovo Pvt Ltd, Hyderabad	Completed during 2019 & 2020	PI
9	Evaluation of bio-efficacy and phytotoxicity of bifenthrin 250g /kg + thiamethoxam 250 g/kg WG against insect pests of paddy	UPL	Completed during 2020-21	PI

• **CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME**

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
National				
1	Attended training course on Mass production of Bio-control Agents of horticultural Crop pests and Weeds	From 1.12.1995 to 16.12.1995	Indian Institute of horticultural Research, Hessarghata, Bangalore, India.	Trainee
2	Statistical tool for data analysis at	During March 2 to 7 2009	CRIDA Hyderabad India	Trainee
International				
1	10 days research experience on study of windborne movement of insect vector in North East India, carried out by BCKV & National Resources Institute of the United Kingdom (U.K.)	During 14-23 Nov., 1992.	BCKV and & National Resources Institute of the United Kingdom (U.K.)	Trainee
2	10 days training on “special integrated pest management”,	During 27 th January to 7 th February 2003	International Rice Research Institute (IRRI), Los	Trainee

			Banos, Laguna, Philippines	
3	Research and Development of new concept in integrated pest management	During 10 th May to 2 nd June, 2004	Ministry of Agricultural & Rural Development, Volcani Campus, Bet Dagan, Israel	Trainee
4	Visited the Exosect laboratory at Winchester in the United Kingdom(UK)	During 23 rd February to 26 th February 2011	Leylands Business Park Golden Common, Winchester Hants, S 021 TH, UK,	To observe flying behaviour of insect in wind tunnel

- **SEMINAR/ SYMPOSIUM/ WORKSHOP etc**

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
National seminar				
1	Integrated Pest Management in Horticultural Crops, New Molecules, Biopesticides and Environment.	October 17-19, 2001	IIHR, Bangalore,	Speaker
2	Ecology & Diversity of Aphids and Aphidophaga complex	May 4 to 5, 2002.	Department of Life Science, Tripura University, Suryamaninagar,	Speaker
3	Integrated Pest Management in the current century	During 29-30 November, 2002	Department of Agricultural Entomology, BCKV, Mohanpur, Nadia, West Bengal, Pin-741 252	Speaker
4	Aphids in Agriculture & Forestry	During 24-25 November, 2004	Department of Zoology, University of Kalyani	Speaker

5	Horticulture for rural development- biotechnology and biochemical aspect, West Bengal	During September 25, 2010	Department of chemistry, Jadavpur university, Kolkata 700032 India and Eastern India Horticulture & Biotechnology centre, Baharu.	Speaker
6	22 nd National congress of parasitology	During October 30 to November 1- 2010	Department of Zoology, university of Kalyani, Kalyani 741235	Speaker
7	Emerging Challenges and steps for mitigation of productivity constraints in food legumes	November 20, 2010	BCKV, Kalyani, Nadia, WB, 7412335	Speaker
8	24 th All India Congress of Zoology & national Seminar on Biodiversity and its management for food, livelihood, environmental security & national helminthological congress	During November 23-25.2013	Department of Zoology, university of Kalyani, WB, India 741235	Speaker
9	Challenge in Biodiversity and Resource Management	During February 26 and 27, 2013.	Department of Zoology, university of Kalyani, Kalyani 741235	Speaker
International seminar				
1	International Symposium cum Workshop In Acarology	During April 8-10, 2010	Bidhan Chandra Krishi Viswavidyalay, Kalyani Nadia West Bengal, India	Speaker

- **PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):**

Won Gold Medal sponsored by “Pro Agro Seed” in the International Symposium on “Rainfed Rice Ecosystems: Perspective & Potential” held during 11-13 October, 2004 at Indira Gandhi Agricultural University, Raipur, Chattrisgar, India.

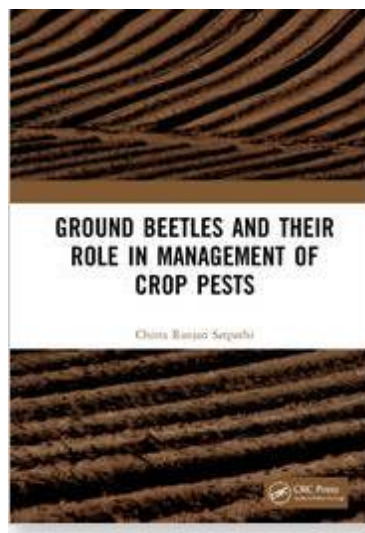
• **INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):**

<ul style="list-style-type: none"> • Evaluation of EXOSEX YSB tabs for management of rice yellow stemborer through pheromone mediated autoconfusion technology in the village Gopalpur under the district of Burdwan , West Bengal , India • Received the invitation to attend a National conference on urban Entomology & invasive Fire ant at Albuquerque, New Mexico, USA. • Received an invitation to visit the red imported fire ant control centre in the department of Entomology, National Taiwan University for future activity if prevails in India 	<p>Sponsored by M/S Exosect Limited, Leylands Business Park Golden Common, Winchester Hants, S 021 TH, United Kingdom(UK), through PCI (India) Pvt. Ltd.,</p> <p>Sponsored by USDA, USA.</p> <p>Partially sponsored by department of Entomology, National Taiwan University.</p>	<p>Completed (2010 – 2011)</p> <p>During 22-25 May 2016</p> <p>During June 2016</p>	<p>PI</p>
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• **PUBLICATIONS**

A. BOOKS

- (1) **Predacious Spiders of Crop Pest** pp200 (2004)Published by Capital book Pvt. Ltd , New Delhi, India. ISBN: 81-85589-31-3
- 2) **A Treatise on Dragonflies(Order: Odonata, Class: Insecta) of rice ecosystems in Eastern India** pp 67(2017) Pub by World Scientific News (Poland)
- 3) **Ground Beetles and Their Role in Management of Crop Pests**(2019)pp208 . Published by Capital book Pvt. Ltd New Delhi, India.ISBN:978-93-81891-45-2
- 4) **Ground Beetles and Their Role in Management of Crop Pests**(2022) pp 208 Published by **CRC Press,(Taylor and Francis group)** United Kingdom, ISBN: 9781032161204(hbk), ISBN: 9781003261087(ebk). DOI 10.4324/9781003261087



B. BOOK CHAPTERS (Best 10)

- (1) Satpathi CR, Raut AM, Banu N (2022) Biological Control Integration Systems In Agricultural Industry pp229-252. Edited by Tanda A.S,(2022) “Advanced Integrated Pest Management Technology”(Published by **Springer Nature Switzerland AG**) pp. XXIX, 482. Hardcover **ISBN**978-3-030-94948-8, https://doi.org/10.1007/_978-3-030-94949-5
- (2) Datta P, Satpathi CR (2023). Manipulation of chemical ecology for sustainable agriculture Published in a book entitled Recent trend in Agriculture and Horticulture Pp 1-23. STAC Publishers at S. Thangapazham Agriculture College. Tamil Nadu, Vasudevanallur-627758. , **ISBN: 978-81-963468-6-7**
- (3) Satpathi CR, Datta P(2023). Beneficial insects as agroforestry ecosystem guardians (accepted) **by CRC press.**
- (4) Satpathi CR (2024). Rugose Spiraling Whitefly *Aleurodicus rugioperculetus* Martin - a rather new species to science in a book on “Recent trend in Agriculture and Horticulture. STAC Publishers at S. Thangapazham agriculture college. TamilNadu, Vasudevanallur-627758. **ISBN: 978-81-963468-6-7**

C. RESEARCH PAPERS (Best 10)

- (1) Katti G, Pasalu IC, Dani RC, Bora D, Singh MP, Satpathi CR, Reddy P, Venkateswarlu, B (2006) Integrated pest management in rainfed rice production system of India --- a farmer’s participatory study *Oryzae* 43 (4):296-304
- (2) Kole RK, Satpathi CR, Chowdhury A, Ghosh MR, Aditya Choudhury N (1992) Isolation of Amorphanolone, a potent rotenoid insecticide from *Tephrosia candida*, J. Agric. Food Chem 40: 1208-1210. (pub. By the **The American Chemical Soc. USA**)

- (3) Satpathi CR(2001) A New Technique to identify Noctuid Larva of lepidoptera. Proc. Zool. Soc. 53(2): 63-66.
- (4) Satpathi CR, Mukhopadhyay AK, Katti G, Pasalu IC, Venkateswarlu B (2005) Quantification of the role of natural biological control in farmer's rice field in West Bengal. Indian J. Entomol. 67 (3):211-214
- (5) Satpathi CR, Sarkar A , Acharjee P (2008) Factors affecting abundance of parasitic nematode *Hexameris* sp in Eastern India. Int. J. Nematol. 18 (1):75-78
- (6) Satpathi CR (2010) Some notes on classifying lepidopteran larvae infesting pulse Indian J. Entomol. 71 (3):187-195
- (7) Satpathi CR (2022) Biology , lifetable and seasonal incidence of white backed Planthopper *Sogatella furcifera* (Horvath) on rice crop in West Bengal .Indian J. Entomol .online published(preview) in www. entosocindia.org. Ref. No. e21152
- (8) Raut AM, Satpathi CR (2022) Brood emergence of rice yellow stem borer *Scirpophaga incertulas*(Walk.) and their relation with environmental factors. *Scientist* 1(3): 2250-2257 . DOI. <https://doi.org/10.528/zenodo.7300282>
- (9) Satpathi CR (2023) Diversity of major predators under different Insecticide regimes in two important growth stages of rice. Indian J. Entomol. (Online) . Doi. No 10.55446/UE.2023.478
- (10) Satpathi, CR(2024) Impact of nitrogen and silicon on hopper population in rice. Indian J. Entomol. pp. 1-4, (online) doi:10.55446/IJE.2024.1589.

Chitta Ranjan Satpathi
03.06-2024

Signature with Date