

Department of Agricultural Extension



Annual Report 2016-17



Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar
West Bengal-736165



DEPARTMENT OF AGRICULTURAL EXTENSION

**Annual Report
2016-17**



**Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar,
West Bengal-736165**

Edited by
Dr. K. Pradhan, Associate Professor & Head,
Agricultural Extension

UTTAR BANGA KRISHI VISWAVIDYALAYA

FACULTY OF AGRICULTURE

P.O. Pundibari, Cooch Behar, West Bengal - 736165

From:

Prof. T.K. Hath
Dean



Phone : (03582) 270586 (O)

Fax : (03582) 270586

Email : deanag_ubkv@gmail.com

Ref. No.: 222-D-F/Ag-UBKV

Date: 31.08.2018

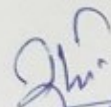
MESSAGE

I am extremely happy to learn that the Department of Agricultural Extension is going to publish its Annual Report for 2016-17. Annual report is an important document which embodies various activities, achievements, performance and future plan of the department. It provides not only the major initiatives taken by the department at the Bottom level academic body for coordinating and maintaining standards of education at different levels viz. UG and PG, but also highlights the endeavors taken by the department to promote the general development of the faculty. The department has been persistently engaged in developing new teaching methods, teaching materials and restructuring syllabus in accordance with the ICAR guidelines as well as in due cognizance of the regional needs. All the teachers are actively engaged in guiding the students for achieving their academic excellence and shaping their future carrier.

I hope that the data/information provided in this Annual Report will be useful for the teachers, students, researchers, administrators and stakeholders in higher education.

I duly acknowledge the valuable contributions made by my colleagues in bringing out the Annual Report in its present form and I also hope that they will maintain the tradition of publishing similar annual reports in a regular manner in future.

I would like to take this opportunity to express my sincere thanks and gratitude to all the members of the department for their unstinted support in carrying forward the agenda of the faculty.


Dean 31/8/2018

Faculty of Agriculture

UTTAR BANGA KRISHI VISWAVIDYALAYA

Pundibari, Cooch Behar, West Bengal-736165

Dr. Kausik Pradhan

Associate Professor & Head,
Department of Agril. Extension



email: kausikextnubkv@gmail.com
Mob. no. 9434686707

Preface

Agriculture plays pivotal role in addressing poverty, malnutrition and livelihood security of millions of people. But, varying climatic condition and declining farm resources often use difficulties in the sustainable development of agriculture. Hence, agricultural scientists need to play an important role in bringing innovative and useful technologies to combat this situation. Again, success of these technologies would largely depend on effective and efficient transfer of technology to the farmer's field. Here lies the importance of agricultural extension. Similarly, within the State Agriculture Universities, the Department of Agricultural Extension plays crucial role in preparing the students as future extension professionals through their various theory and practical courses which are mostly practical-oriented and field-based.

The Annual Report of the Department of Agricultural Extension of Uttar Banga Krishi Viswavidyalaya is an initiative towards presenting a glimpse of the activities conducted by the department within the year of 2016-17. This report illustrates the functions, teaching activities including both U.G. and P.G. courses, research activities particularly the M.Sc. and Ph.D. dissertation work and other on-going research projects in which the faculties are associated with. The report also gives a brief description of the extension activities, publications and participation in various seminar, symposium, conference etc. by the faculties of the department. A short introduction of all the teaching and non-teaching staff is also provided in the report. Lastly, a few achievements of the faculties and the students of the department are noted down in the report. In brief, this report has been prepared with an aim of providing all the information related to the department in a comprehensive manner so that anyone, after going through this report, can get a brief idea about the department and its activities, faculties and staffs and students.

Head

Contents

Sl.No.	Content	Page No.
1.	Background	1
2.	Functions	1
3.	Teaching	1
4.	Research Activity	4
5.	Extension Activities	7
6.	Infrastructural and Support Facilities available	7
7.	Faculty and Staffs	7
8.	Paper & Books published	8
9.	Seminar, Symposium, Conference, Training and Winter/Summer/Refresher course/short course attended/organized	11
10.	Award / Recognition received	12
11.	Glimpses of Annual Activities & Achievements of the Department	13

Annual Report, 2016-17

Department of Agricultural Extension at a glance

A. Background:

The Department of Agricultural Extension has been come into existence in 2001 with the inception of this University from the parent university Bidhan Chandra Krishi Viswavidyalaya. Previously the Department was delineated as an extension wing of North Bengal Campus under Bidhan Chandra Krishi Viswavidyalaya to carry out teaching and research activities in agricultural Extension and allied besides undertaking field extension activities in the adopted villages of North Bengal. Thereafter the Department grew leaps and bounds under the dynamic leadership of well known personalities in the discipline of Agricultural Extension and allied. This Department committed to prepare students for achieving success in professions that include formal and non-formal teaching and learning in agriculture, leading agricultural organizations and communities, and out scaling viable eco-friendly and sustainable agricultural practices to the society. In addition, this degree program prepares undergraduates to enter and excel in Post graduate and professional programmes. Post Graduate degrees in the department are grounded in a personal relationship between student and advisor. Completing a post graduate degree in Agricultural Extension will be an advantage in the job market as a well-prepared professional.

B. Functions:

- i. To impart teaching in Agricultural Extension for B.Sc., M.Sc. and Ph.D. degrees.
- ii. To provide practical exposure through experiential learning to the students on extension, methodologies and approaches.
- iii. To organize seminar, symposium, workshop, conference and training on cross cutting issues.
- iv. To undertake strategic, academic and action researches on agricultural extension and allied.
- v. To render the advisory services through departmental endeavor or establishing a linkage with full fledged Directorate of Extension Education.

C. Teaching:

The Department of Agricultural Extension imparts undergraduate and post graduate teaching to the students under the semester system. The students are provided in depth learning both in theoretical and practical aspects of extension education. They are provided practical learning by carrying out activities pertaining to extension education methodologies and approaches. The undergraduate students are also given the exposure of field extension work under Rural Farm Work Experience programme. The Agricultural Universities in India have been successful in their primary mission of achieving phenomenal increase in agricultural productivity and gaining the confidence of our farming gentry and

the agricultural graduates had played a pivotal role in this regard. With an aim to develop competent human resources in agricultural universities the ICAR had tried to introduce RAWE course in the undergraduate studies based on the findings of Randhawa committee. The course is launched as a full semester course with a motto to eradicate the inadequacies in providing required practical training and acquisition of skills by the graduates. In this RAWE programme the students are exposed to realities in farmer's field or in agro-based industrial situations. The students are groomed through practicing agricultural diagnostic services of soil, water and plants and gaining the acumen of generating appropriate measures. Such a learning process is surely improving their organizational skill by practice, enriches their knowledge pool through collective wisdom, expands their creative faculties through repetitive analysis and interpretation and ultimately refines them as professional through sharing and interaction.

a) Field of specialization for M.Sc. and Ph.D.: *Agricultural Extension*

b) Undergraduate courses:

1. IV DEANS COMMITTEE RECOMMENDATION

i) Compulsory Courses:

Sl. No.	Course No.	Title	Credit Hours	Semester
1.	EXT 151	Fundamentals of Rural sociology and Educational Psychology	2+0	B.Sc.(Ag) Hons. 2 nd sem
2	EXT 101	Fundamentals of Extension Education	1+1	B.Sc.(Hort) Hons. 1 st sem
3.	EXT 251	Dimensions of Agricultural Extension	2+1	4 th
4	EXT 301	Extension methodologies for transfer of agricultural technologies	2+1	5 th
5	EXT 351	Entrepreneurship development and management	1+1	6 th

ii) Elective Courses: Social Science module

Sl.No.	Course No.	Title	Credit Hours	Semester
1	EXT 401	Agricultural Journalism	1+2	7 th
2	EXT 402	Audio visual communication	1+2	7 th
3	EXT 403	Multimedia technologies and cyber extension	1+2	7 th

2. V DEANS COMMITTEE RECOMMENDATION

i) Compulsory Courses:

Sl. No.	Course No.	Title	Credit Hours	Semester
1.	EXT 101	Rural sociology and Educational Psychology	2+0	B.Sc.(Ag) Hons. 1 st sem

2	EXT 102	Communication Skills and Personality Development	1+1	B.Sc.(Ag & Hort) Hons. 1 st sem
3.	EXT 103	Human Value and Ethics	1+0	B.Sc.(Ag & Hort) Hons. 1 st sem
4.	EXT 104	NSS/NCC/Physical Education & Yoga Practices	0+2	B.Sc.(Ag & Hort) Hons. 1 st sem
5.	EXT 105	Comprehension and Communication Skills in English	1+1	B.Sc.(Ag) Hons. 1 st sem
6.	EXT-151	Fundamentals of Agricultural Extension Education	2+1	B.Sc.(Ag) Hons. 2 nd sem
7.	EXT-152	Fundamentals of Extension Education	1+1	B.Sc.(Hort) Hons. 2 nd sem
8.	EXT-301	Entrepreneurship Development and Business Communication	1+1	B.Sc.(Ag) Hons. 5 th sem
9.	EXT-301	Entrepreneurship Development and Business Management	1+1	B.Sc.(Hort) Hons. 5 th sem

ii) Elective Courses:

Sl.No.	Course No.	Title	Credit Hours	Semester
1	EXT 253	Agricultural Journalism	2+1	B.Sc.(Ag) Hons. 4 th sem

c) Post-Graduate Courses:

Course No.	Course-Title	Credit Hour	Remarks
Master Degree Major/Core-Courses			
EXT-501	Development Perspectives of Extension Education	2+0	Semester-I
EXT-502	Development Communication, Information Management and E-Extension	3+0	Semester-I
EXT-503	Research Methods in Behavioral Sciences	3+0	Semester-I
EXT-504	Diffusion and Adoption of Innovations	2+1	Semester-II
EXT-505	Entrepreneurship Development and Management in Extension	3+1	Semester-II
EXT-506	Human Resource Development	2+1	Semester-II
Minor/Supporting Courses			
EXT-507	Participatory Methods for Technology Development and Transfer	1+1	Semester-I
EXT-508	Visual Communication	1+2	Semester-II
EXT-509	Gender Sensitization for Development	1+1	Semester-III
EXT-510	Market –Let Extension	1+1	Semester-III
EXT-511	Perspectives of Distance Education	1+1	Not offered
EXT- 512	Basic Imaging Technology	1+2	Not offered

EXT-513	Rural Sociology	2+0	Not offered
EXT-514	Educational Psychology	2+0	Not offered
Master's Seminar and Research (1+20)			
EXT- 591	Master's Seminar	0+1	Semester-IV
EXT-599	Master's Research	20	Semester-III
Master's Supporting Courses			
Any course from other departments		05	Semester-I,II,III
Doctoral Major Courses(12 Cr-Hr)			
EXT 601	Advances in Agricultural extension	2+1	Semester-I
EXT 602	Advanced Design and Techniques in Social Science Research	2+1	Semester-II
EXT 603	Advances in Training and Instructional Technology	2+1	Semester-II
EXT 604	Organizational Development	2+1	Semester-III
Doctoral Minor Courses (6 Cr-Hr)			
EXT 605	Media Management	2+1	Semester-II
EXT 606	Transfer of Technology in Agriculture	2+1	Semester-IV
EXT 607	Advanced Management Technique	2+1	Not offered
EXT 608	Theory Construction in Social Sciences	2+0	Not offered

d) PG students completed degree:

i. Three students have been awarded the degree of M.Sc. (Ag) in Agricultural Extension in 2016-17.

e) Post-Graduate requirement:

Sl. No.	Degree courses	Requirement
I	For M.Sc. (Ag) Degree	Four years B.Sc. (Ag) Hons. degree with Agricultural Extension as a compulsory subject.
ii	For Ph.D. Degree	Two years full time M.Sc. (Ag) in Agricultural Extension
iii	Students' Achievement: <ul style="list-style-type: none"> One Ph.D. student has got the Rajiv Gandhi National Fellowship (UGC). One Ph.D. student has been selected as the Senior Research Fellow for an Australian project namely Sustainable and Resilient Farming System Intensification (SRFSI). Two Ph.D. students have cleared the ICAR-NET examination in 2016. One Ph.D. student selected as Assistant Professor in Centurion University, Odisha. 	

D. Research Activity:

The Department of Agricultural Extension is gaining its importance due to its successful research activity in the field of social science. Mostly the Ph.D. students of this department undertake their research work under the close supervision of their respective chairman of advisory committee.

- Dr. K. Pradhan is supervising 5 (Five) doctoral dissertation work of Rema Das (INSPIRE), Victor Sarkar (RGNF) and Avishek Saha (URS), Bablu Ganguly (ACIAR-SRFSI Project Fellow) and C. Vara Prasad (ICAR-SRF). Besides, Dr. K. Pradhan as co-supervisor has also supervised 1 (one)

Ph D (Ag) dissertation work of Basu Deo Kharga (In-service) which was awarded in 2016 at Visva Bharati.

- Dr. P. K. Pal is supervising 4 (four) Ph.D. (Ag) dissertation work of Amita Henglem, Sataroopa Modak, Norden Lepcha and Yenglem Lakshimai Devi.

a) Areas of research: The M.Sc. and Ph.D. students of the department are mostly doing their research in the field like **indigenous knowledge, women empowerment, entrepreneurship development, disaster management, watershed management, social capital, agricultural innovation system, e-readiness in agriculture, nutritional security, family farming** etc. under close supervision of the chairman of their advisory committee. The following table presents an overview of the current Post Graduate students of the Department and their research topic:

Sl. No.	Name of the student	Topic of Research	Chairman
M.Sc. students Admitted			
1.	Pintu Das	Prospect and Constraints of Riverbed Cultivation in Cooch Behar Dist. Of West Bengal	Prof. P.K.Pal
2.	Karishma Baidya	Exploring the Strategies for Enhancing the Nutritional Security of Farm Women in Cooch Behar District of West Bengal	Dr. K.Pradhan
M.Sc. students Passed out			
1.	Yenglem Lakshimai Devi	Exploring the Involvement of Women in Dairy Farming as an Alternative Livelihood in Manipur	Dr. K.Pradhan
2.	Saiman manger	Revealing the contribution of large cardamom(<i>Amomum subulatum</i>) farming under changing climate to the livelihoods in east Sikkim Himalayas	Dr. K.Pradhan
3.	Phubu Tshering Bhutia	Livelihood diversity in family farming in selected hill areas of Darjeeling district, West Bengal, India	Prof. P.K.Pal
Ph.D. Students Passed out			
1.	Rema Das	Restructuring women empowerment in Agricultural Innovation System	Dr. K. Pradhan
2.	Amita Henglem	Organic farming in Manipur: Benchmark status, Motivational factors and Livelihood impact	Prof. P.K.Pal
Ph.D. students Admitted			
1.	Yenglem Lakshimai Devi	Participation of farm women in livelihood activities with special reference to selective ethnic races in Terai region of West Bengal, India	Prof. P.K.Pal
2.	C. Vara Prasad	Harnessing the e-readiness of the agricultural system actors for sustainable agricultural development in Cooch Behar and Alipurduar districts of West Bengal	Dr. K. Pradhan

Existing PhD Students			
1.	Satarupa Modak	Diffusion and adoption pattern organic production technology in Terai region of West Bengal, India	Prof. P.K.Pal
2.	Norden Lepcha	Characterizing family farming in the Hill ecosystem of West Bengal, India	Prof. P.K.Pal
3.	Bablu Ganguly	Assessing the existing agricultural information system network for agricultural development in Malda district of West Bengal	Dr. K. Pradhan
4.	Avishek Saha	Reengaging youth in agriculture: a way forward to enhance agricultural productivity for a food secure society	Dr. K. Pradhan
5.	Victor Sarkar	Reinventing the Impact of Self Help Group (SHG) towards Women Empowerment in West Bengal	Dr. K. Pradhan

b) Scholarships, stipends and fellowships:

The students of this department are availing the following scholarship and fellowship:

Sl. No.	Name of the fellowship/scholarship	Number of students
1	INSPIRE Fellowship	1
2	Rajiv Gandhi National Fellowship	2
3	University Research Scholarship	1
4	ACIAR-SRFSI Project Fellowship	1

c) On-going research projects:

The active involvement of the faculties of the Agricultural Extension Department in various research projects of the university is really praiseworthy. They actively participate in the research projects and improve the effectiveness of these projects through their valuable consultancy regarding social aspects of the projects. Such ongoing research projects are presented below:

1. **“Sustainable Resilient Farming System Intensification in Eastern Gangetic Plains”** project, sponsored by Australian Centre for International Agricultural Research (ACIAR)
2. **“Improving dry season agriculture for marginal and tenant farmers in the Eastern Gangetic Plains through conjunctive use of pond and groundwater resources”** project, sponsored by Australian Centre for International Agricultural Research (ACIAR)
3. **“National Information System on Agricultural Education Network in India (NISAgNET)”** project funded by (ICAR)

E. Extension Activities:

- The department is rendering the advisory services through the extension staff working in the Directorate of Extension Education. The faculties of the department are also actively involved in the University extension activities conducted through the Directorate of Extension Education and Krishi Vigyan Kendra.
- Dr. K. Pradhan is the **Editor** of the **UBKV Newsletter** published by the Directorate of Extension Education, UBKV.
- Prof. P.K.Pal is the **Editor** of the University Bulletin “**Uttarer Krishi Katha**” published by the Directorate of Extension Education, UBKV.

F. Infrastructural and Support Facilities available:

1. **Photography and Videography Laboratory** renders the functions of video editing, digital photography, analog photo development and printing
2. **Audio-visual Laboratory** provides an exposure to all modern audio visual aids

G. Faculty and Staffs:

- a) **Head of the Department: Dr. Kausik Pradhan**
- b) **Faculty: (presented in the following table)**

Sl. No.	Name	Designation	Specialisation	Contact address
1.	Dr. K. Pradhan	Associate Professor & Head	Agricultural Communication	Department of Agricultural Extension, UBKV, Pundibari, Coochbehar-736165 Phone: 9434686707 Email: kausikextnubkv@gmail.com
2.	Prof. P.K.Pal	Associate Professor	Agricultural Communication	Department of Agricultural Extension, UBKV, Pundibari, Coochbehar-736165 Mobile: 9434126766 Email: pkpalubkv@gmail.com
3	Dr Sabita Mondal	Assistant Professor	Rural Development	Department of Agricultural Extension, UBKV, Pundibari, Coochbehar-736165 Phone: 9903164890 Email: sabidas_2007@rediffmail.com
4	Ms. Deepa Roy	Assistant Professor	Agricultural communication, Training	Department of Agricultural Extension, UBKV, Pundibari, Coochbehar-736165 Phone: 9474061644 Email: roydeepa87@gmail.com
5.	Mr. Litan Das	Assistant Professor	Agricultural communication, Training, Marketing	Department of Agricultural Extension, UBKV, Pundibari, Coochbehar-736165 Phone: 8116872991 Email: litandasiari@gmail.com

c) Non-teaching staffs:

Sl. No.	Name	Designation	Contact address
1.	Anil Koiri	Office Attendant	Pilkhana Road, (South of I.T.I), Ward No- 9 P.O- Coochbehar, Dist- Coochbehar Pin-736101 Phone 9733596878
2.	Chitta Ranjan Anjoy	Jr. Peon	Dakshin Kalarayear Kuthi, P.O-Pundibari Dist- Coochbehar Pin-736165 Phone-9735045292
3.	Tamal De Sarkar	Superintendent (Technical)	West Khagrabari Road P.O- Coochbehar, Dist-Coochbehar Pin-736101 Phone-9474521230

H. Doctoral Thesis completed:

Sl.No.	Title	Year	Author	Chairman
1	Restructuring women empowerment in Agricultural Innovation System	2016	Rema Das	Dr. K. Pradhan
2	Organic farming in Manipur: Benchmark status, Motivational factors and Livelihood impact	2016	Amita Henglem	Prof. P.K.Pal

I. Master Degree thesis completed:

Sl. No.	Title	Year	Author	Chairman
1	Revealing The Contribution Of Large (<i>Ammomum Subulatum</i>) Cardamom Farming Under Changing Climate To The Livelihoods In East Sikkim Himalayas	2016	Saiman Manger	Dr. K. Pradhan
2	Exploring the Involvement of Women in Dairy Farming as an Alternative Livelihood in Manipur	2016	Yanglem Lakshimai Devi	Dr. K. Pradhan

J. Paper & Books published:

Sl. No.	Title	Author	1. Journal
Paper (Research and Extension)			
1.	Harnessing the economic empowerment strategy of women within the Self Help Group.	K. Pradhan , Avishek Saha, Rema Das, Victor Sarkar and Bablu Ganguly (2016)	<i>International Journal of Agricultural Sciences.</i> 8 (24) : 1488-1491
2.	Exploring the factors influencing the decision making ability of the	Basu Deo Kharga, K. Pradhan and Anindita Saha (2016)	<i>Indian Research Journal of Extension Education.</i> 16 (1): 76-79.

	entrepreneurs in the small and medium scale enterprises.		
3.	Highlighting the attitudinal exposure of rural entrepreneurs for appropriate management of rural entrepreneurship	K. Pradhan , P. Talukdar, Rema Das and Avishek Saha (2016)	<i>Indian Research Journal of Extension Education</i> . 16 (1): 103-106.
4.	The determinants of the adoption behaviour of women azolla (<i>Azolla pinnata</i>) farmers in Coochbehar district of West Bengal	V. Sarkar, A. Saha, K. Pradhan and A. Ghosh (2016)	<i>Scientific Research and Essays</i> . 11 (2): 11-17.
5.	Status of Farmers' Wives in Work Participation and Decision Making: A Case Study of Cooch Behar District, West Bengal.	Guha, Anamika, P. K. Pal and K. K. Das (2016).	<i>International Journal of Farm Sciences</i> 6(3): 28-35. (NAAS-4.01)
6.	Reasons for Non-Enrollment and School Drop-Out in Traditional Rural Communities of West Bengal, India.	Mondal, Prahlad and P. K. Pal (2016)	<i>International Journal of Research in Applied, Natural and Social Sciences</i> . Vol. 4. Issue 10: 89-96 (NAAS-3.00)
7.	Educational Impact of <i>Sarva Shiksha Abhiyan</i> (SSA) in Respect of Access to and Retention in Formal Education: A Comparative Study Between Agro-occupational and Non-Agro-Occupational Groups in Traditional Rural Communities of West Bengal, India.	P Mondal and P. K Pal . (2016).	International Journal of Innovative Research and Review. 4 (1) Pp.1-7.
8.	Women Participation in Small Sector Tea Cultivation in North Bengal Areas in India.	A. Ghosh, P. K. Pal , Arunava Ghosh, S. Mondal and B. Sah (2016).	International Journal of Humanities and Social Science. 5(4). Pp-115-122.
Book Chapter			
	Envisaging the psychological empowerment of the women self help group member in West Bengal.	K. Pradhan , Rema Das, Avishek Saha, Victor Sarkar and Bablu Ganguly (2016)	(In) <i>Family Farming: Challenges and Opportunities</i> edited by B. Mondal, B. Sarkar, S. D. Mukhopadhyay, S. Ghosh, B. C. Roy and S. Chowdhury (ed). Renu Publishers. New Delhi. Pp-473-479.
	Aggregating the concepts and attributes of women physical	Pradhan, K; Devi, Lakshmimai Yangleam; Das	Conference Proceeding of International Conference on Agriculture, Food Science, Natural Resource

	involvement in dairy farming at Manipur.	Rema; Saha Avishek and Chauhan Jitendra (2016)	Management and Environmental Dynamics: The Technology People and Sustainable Development. pp.122-126. ISBN 978-93-85822-28-5
	Insighting the decisiveness of the large cardamom growers under changing climate in Sikkim.	Pradhan, K; Manger, Saiman; Saha Avishek; Das Rema and Chauhan Jitendra (2016)	Conference Proceeding of International Conference on Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology People and Sustainable Development. pp.136-141. ISBN 978-93-85822-28-5
	Livelihood diversity in family farming: An exploration from the sub-himalayan districts of West Bengal, India.	A. Guha, A. Hanglem, P. K. Pal and D. S. Gupta (2016).	(In) <i>Family Farming: Challenges and Opportunities</i> edited by B. Mondal, B. Sarkar, S. D. Mukhopadhyay, S. Ghosh, B. C. Roy and S. Chowdhury (ed). Renu Publishers. New Delhi. Pp-414-420.
	Crop diversity in family farming in sub-Himalayan Region of West Bengal, India.	A. Guha, A. Hanglem, S. Modak and P. K. Pal (2016).	(In) <i>"Bio-diversity". Prospects and Threats: Present Scenario.</i> (Proceedings of UGC sponsored National Seminar at Tufanganj College, Cooch Behar, West Bengal. Feb. 26-27, 2016). Pp-41-46. (ISBN: 978-93-5258-521-2
	Documentation and validation of Indigenous Technology with regard to Crop Protection of <i>Boro</i> Paddy in Terai <i>Region</i> of West Bengal	N. Laskar, P. K. Pal , G. Roy and R. Gozmer (2016).	(In) <i>Indigenous Technologies in Plant Protection</i> edited by S. Arora, J. P Sharma, S. Chakraborty, N. Sharma and P. Joshi. ICAR-NCIPM. Pusa. New Delhi.
	Entrepreneurship Development Through Forest Seed Marketing Forest Seed Science and Management.	Litan Das, P.K. Pal and Pampi Paul, 2016	Editors, Shukla et al. New India Publishing Agency, New Delhi, India. pp 241-253
Book			
1	Women Empowerment through appropriate selection	Pradhan, K.; Sarkar, Victor; Saha, Avishek; Das, Rema; Ganguly, Bablu; Vara Prasad, V and Kumar, Ajay (2017)	Write and Print Publications. New Delhi. ISBN 978-93-86283-56-6

K. Seminar, Symposium, Conference, Training and Winter/Summer/Refresher course/short course attended/organized:

Sl. No.	Seminar, Symposium, Conference, Training and Winter/Summer/Refresher course/short course	Faculty associated	Date	Venue	Attended/Organised
1.	National Extension Education Congress (8 th)	Dr K. Pradhan	28.01.17-31.01.17	ICAR-NAARM, Hyderabad	Society for Extension Education, Agra.
2.	“Bio-Diversity”-Prospects and Threats: Present Scenario	Dr P.K .Pal	Feb. 26-27, 2016	Tufanganj Mahavidyalaya. Tufanganj, Cooch Behar	Tufanganj Mahavidyalaya. Tufanganj, Cooch Behar
3.	Sustainable Family Farming for Food, Nutritional and Livelihood Security	Dr P.K .Pal	5-6 Mar, 2016	Dept. of EES, Palli Siksha Bhavana. Visva-Bharati, Sriniketan. WB	Dept. of EES, Palli Siksha Bhavana. Visva-Bharati, Sriniketan. WB
4.	Resource based inclusive agriculture and rural development opportunities & challenges at RKMVU	Dr Sabita Mondal	17-18 January 2016.	RKMVU, Narendrapur	RKMVU, Narendrapur
5.	National Seminar on Sustainable family farming for food, nutrition & livelihood security	Dr Sabita Mondal	5-6 March 2016	EES Palli Siksha Bhavan, Viswa Bharati	EES Palli Siksha Bhavan, Viswa Bharati
6.	National Conference on Enhancing Nutritional Security through Climate Smart Farming Practices	Ms. Deepa Roy	17-18 th march 2017	Regional Research Station (Hill Zone) Kalimpong	Regional Research Station (Hill Zone) Kalimpong
7.	National Conference on Enhancing Nutritional Security through Climate Smart Farming Practices	Mr. Litan Das	17-18 th march 2017	Regional Research Station (Hill Zone) Kalimpong	Regional Research Station (Hill Zone) Kalimpong

L. Any other (Achievement):

1. Prestigious **Best Extension Professional Award** conferred by Society of Extension Education, Agra in 8th NEEC at ICAR-NAARM, Hyderabad during 2017
2. "**Ganga Singh Chauhan Memorial Research Scholar Award**" for Vara Prasad Chittem & Rema Das Ph.D. Scholars, conferred by Society of Extension Education, Agra in 8th NEEC at ICAR-NAARM, Hyderabad during 2017
3. Dr S. Mondal, Assistant Professor, received **1st prize in poster presentation** at "National Conference on Enhancing Nutritional Security through Climate Smart Farming Practices" at RRS Kalimpong from 17-18th march 2017Litan
4. Mr Litan Das Assistant Professor, received **Best Oral Presentation Award** for presentation on "Livelihood Diversity in Family Farming in Selected Hill Areas of West Bengal, India" at "National Conference on Enhancing Nutritional Security through Climate Smart Farming Practices" at RRS Kalimpong from 17-18th march 2017.
5. M.Sc. student Ms. Rema Das received **Gold Medal** for topping in faculty of agriculture of the University

-----x-----



Best Extension Professional Award- 2017 to Dr K. Pradhan



Rema Das & C. Vara Prasad Ph.D. Scholars receiving "Ganga Singh Chauhan Memorial Research Scholar Award" for



M.Sc. student Ms. Rema Das receiving Gold Medal for topping in faculty of agriculture of the



Mr Litan Das, Assistant Professor, receiving Best Oral Presentation Award

ICT initiatives taken up by Post Graduate students of Department of Agricultural Extension



Teachers Day Celebration in the department



Student READY Programme 2016-17



Published by

Department of Agricultural Extension
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar
West Bengal-736165

