

Annual Report

2016-17



Plantation Crops and Processing
Uttar Banga Krishi Viswavidyalaya
Pundibari : Cooch Behar

A. TEACHING AND NON- TEACHING STAFFS OF THE DEPARTMENT

1) TEACHING STAFF

a) **Cadre Posts:** Professor – 1, Associate Professor – 2, Assistant Professor – 3.

Present Strength :

1) TEACHING STAFF

Sl. No.	Name	Designation	Contact number	Email ID
1.	Prof. P.S. Medda	Professor & Head	9474567593	psmedda@gmail.com
2.	Prof. H. Bhattacharjee	Professor	9434686285	drhbhattaubkv@gmail.com
3.	Dr. B. Dutta	Assistant Professor	8296767044	babli.here@gmail.com
4.	Dr. S. Das	Assistant Professor	9433774153	shri137@gmail.com

2) NON-TEACHING STAFF

Sl. No.	Name	Designation	Contact number	Remark
1.	Mr. Goutam Dutta	Technical Assistant		Up to
2.	Mr. Pijush Saha	Technical Assistant	8537803699	Continuing
3.	Mr. Devasis Das	Junior Peon	6294788940	Continuing

3) STUDENT STRENGTH

a) **B.Sc. (Hort.) Hons:-**20 in each Academic Session under the Faculty of Horticulture

b) **M. Sc. Students:** 4 in each Academic Session.

c) **Ph.D. Student:** 2 University Research Scholars in each Academic Session.

Courses Offered in UG level

Sl. No.	Course No.	Course Title	Credit hours
1.	PCP 151	Growth and Development of Horticultural crops	2(1+1)
2.	PCP 251	Plantation Crops	3(2+1)
3.	PCP 351	Processing of Horticultural Crops	3(1+2)

Courses Offered in PG level

Sl. no.	Course No.	Course Title	Credit hours
1.	PCP 502	Production Technology of Plantation crops-II	3(2+1)
2.	PCP 505	Processing of Plantation Crops Crops II	3(2+1)
3.	PCP 504	Breeding of Plantation crops	3(2+1)
4.	PCP 507	Organic Production Technology of Plantation Crops	3(2+1)
5.	PSMA 501	Production Technology of Plantation Crops-I	3(2+1)
6.	PSMA 502	Production Technology of Plantation (Beverage) Crops-II	2(1+1)
7.	PSMA 504	Production Technology of Minor, Seed and Tree spice Crops	2(1+1)
8.	PSMA 503	Production Technology of Major Spice Crops	2(1+1)
9.	PSMA 505	Production Technology of Medicinal and Aromatic crops	1(1+1)
10.	PSMA 506	Breeding of Plantation, Spices, Medicinal and Aromatic crops	3(2+1)
11.	PSMA 507	Processing of Plantation Crops, Spices, Medicinal and Aromatic crops	3(2+1)
12.	PSMA 508	Organic Spice and Plantation crop Production Technology	2(1+1)
13.	PSMA591	Master's Seminar	1(0+1)
14.	PSMA 599	Master's Research(non-credit)	20(0+20)
Courses Offered in Ph. D. level			
1.	PCP 601	Advances in Production Technology of Plantation crops-I	3(2+1)
2.	PCP602	Advances in Production Technology of Plantation Crops-II	3(2+1)

Sl. no.	Course No.	Course Title	Credit hours
3.	PCP603	Advances in Breeding of Plantation Crops.	3(2+1)
4.	PCP604	Advances in Processing of Plantation Crops.	3(2+1)
5.	PCP605	Advances in Processing of Plantation Crops-II	3(2+1)
6.	PCP606	Bio-technology of Plantation Crops	3(2+1)
7.	PCP691	Doctoral Seminar-I	1(1+0)
8.	PCP692	Doctoral Seminar-II	1(1+0)
9.	PCP699	Doctoral Research (Non-credit)	45(0+45)

Students of the Department:

(a) Master Degree:

Sl No	Name of the students	Semester	Thesis title	Advisory committee
1.	Bujji Babu Bhukya (H-2014-04-M)	<i>Completed</i>	Studies on growth and development of organically grown Arecanut (<i>Areca catechu</i> L.) seedling.	Dr. H Bhattacharjee Dr. P. S. Medda Dr. G.C. Banik Dr. A. Ghosh
2.	Nawang Bhutia (H-2014-)	<i>Discontinued</i>		Dr. P. S. Medda Dr. H Bhattacharjee Dr. P. Choudhuri Dr. N. Bhowmick
3.	Archana. C (H-2015-03-M)	2 nd and 3 rd semester	Studies on flowering behavior of Arecanut (<i>Areca catechu</i> L.) germplasm in Terai agro-climatic zone of West Bengal.	Dr. P. S. Medda Dr. H Bhattacharjee Dr. Bidhan Roy Dr. A. Ghosh
4.	A. Anjaneyulu (H-2015-01-M)	2 nd and 3 rd semester	Studies on growth and development of young tea plants (<i>Camellia sinensis</i> [L.] O. Kuntze) inter-planted in arecanut garden.	Dr. H Bhattacharjee Dr. P. S. Medda Dr. G.K. Pandit Dr. G.C. Banik Dr. D.S. Gupta
5.	Punnya Chandra Subba (H-2016-8-M)	1 st Semester	Studies on the effects of organic matters and bio-fertilizers on young tea (<i>Camellia sinensis</i> [L.] O. Kuntze).	Dr. H Bhattacharjee Dr. P. S. Medda Dr. G. C. Banik Dr. A. Ghosh
6.	Supriya B. V. (H-2016-12-M)	1 st Semester	Effect of boron and potassium on nut development, yield and yield attributing characters of Arecanut (<i>Areca catechu</i> L.) in Terai region of West Bengal.	Dr. P. S. Medda Dr. H Bhattacharjee Dr. A. K. Sinha Dr. A. Ghosh

(B) Doctoral Degree:

<i>Sl. No.</i>	<i>Name of the students</i>	<i>Semester</i>	<i>Thesis title</i>	<i>Advisory committee</i>
1.	Kaki Ranjit H-2012-05-D	9 th Semester	Studies on the effects of organic manures and bio-fertilizers on growth and development of organically grown planting materials of Tea.	Dr. H Bhattacharjee Dr. P. S. Medda Dr. P. M. Bhattacharya Dr. D. Mukhopadhyay Dr. A. Ghosh
2.	Nakka Sathi Babu H-2013-05-D	Completed	Studies on boron and potassium nutrition of Coconut (<i>Cocos nucifera</i> L.) under <i>Terai</i> region of West Bengal.	Dr. P. S. Medda Dr. H Bhattacharjee Dr. A. K. Sinha Dr. A. Ghosh Dr. S. Maitra
3.	VannamYugandhar H-2014-05-D	5 th Semester	Studies on growth, development and young tea plants (<i>Camellia sinensis</i> [L.] O. Kuntze) under organic cultivation.	Dr. H Bhattacharjee Dr. P. S. Medda Dr. P. M. Bhattacharya Dr. D. Mukhopadhyay Dr. A. Ghosh
4.	Sachin Sarkar H-2014- 01-D	5 th Semester	Studies on growth and nutritional problems of Arecanut (<i>Areca catechu</i> L.) with particular reference to potassium and boron.	Dr. P. S. Medda Dr. H Bhattacharjee Prof. P. Mukhopadhyay Dr. A. Ghosh Dr. P. Choudhuri.

Departmental Research and Developmental Programme:

- Influence of Climatological factors on dry rubber content of latex of rubber in *Terai* region of West Bengal
- Feasibility study of different multispecies crop model under arecanut based crop model in juvenile phase of arecanuts.
- Influence of inter cropping on growth of different clones of rubber in juvenile phase.
- Study of Comparative performance of different clones of rubber rubber in *Terai* region of West Bengal
- Establishment of latex processing unit for the production of ribbed sheets.
- Establishment of Organic tea plantation for study of comparative performance of different tea clones in *Terai* region of West Bengal.
- Establishment of Organic Coffee plantation.
- Maintenance of Coconut plantation.
- Maintenance of high density multi species arecanut based cropping system.
- Maintenance of *boroj* with different cultivar of betelvine under MIDH.

Member of the Academic Body:

Sl. No.	Academic Body	Member
1	Academic Council	Dr. H. Bhattacharjee
2	Faculty council	Dr. P. S. Medda Dr. H. Bhattacharjee

Project Handled:

SL NO.	Project Handled:	Person Associated
1	Co-PI, Mission for Integrated Development of Spices	Dr. P.S. Medda
2	Co-PI, Innovative Fish Farming Project	Dr. B. Dutta

Question Paper setting of other Universities:

SL NO.	Question Paper setting of other Universities	Person Associated
1	External examiner of course no.VSC-212 of the Orissa University of Agriculture and Technology, Chiplima, Sambalpur	Dr. P.S. Medda
3	External examiner of course no. PHE-241- Crop Process Engineering of Bidhan Chandra Krishi Viswavidyalaya (Ref No. FAE/ Exam/1216/2016, Date: 27.06.2016)	Dr. S. Das
4	External examiner of course Processing of Milk & Milk Products FT 225 of College of Agricultural Engineering and Post Harvest Technology, CAU, Ranipool, Gangtok	Dr. S. Das

Association with additional activities:

SL NO.	Additional activities	Person Associated
1	Co-ordinator, ELP, Commercial Horticulture	Dr. P.S. Medda
2	Member, PG Admission committee	Dr. P.S. Medda
3	Member, RHWE, Student READY	Dr. P.S. Medda
4	Nodal officer, All purposes of students' scholarships in the University	Dr. S. Das
5.	Co-ordinator, Placement in Industries, Student READY	Dr. S. Das
6.	Member, UG Admission committee	Dr. S. Das
7	Member, UG Admission committee	Dr. B. Dutta
8.	Member, Placement in Industries, Student READY	Dr. B. Dutta

Publications:

Sl. No	Title with page no.	Journal	ISSN/ ISBN No.	Impact Factor/ equivalent rating
1.	Studies on comparative performance of different horticultural crops under Arecanut based multi-storied cropping system. pp - 5787 – 5791.	<i>Progressive Research</i> 11 (9)	ISSN 0973-6417	NAAS 3.84
2.	Lemon cv. Assam lemon (<i>Citrus limon</i> Burm.) quality and soil leaf nutrient availability affected by different pruning intensities and nutrient management. pp - 2051 – 2065.	<i>Current Science</i> , 112 (10)	ISSN 0011-3891	NAAS 6.97
3.	Reproductive behaviour of lemon (<i>Citrus limon</i> Burm.) affected by different pruning intensities and integrated nutrient management under various growing season. pp - 606 – 614.	<i>International Journal of Current Microbiology and Applied Sciences</i> , 6 (4)	ISSN 2319-7706	NAAS 5.38

Seminar, Symposium, Conference, Workshop attended:

SL NO.	Seminar/ Symposium/ Conference/ Workshop	Date	Person Associated
1	Sensitization workshop on Experiential learning, Entrepreneurship and Needs of Agro-Industries Organized by UBKV and ICAR-NAARM at Pundibari	28 th Feb to 01 th March, 2017	Dr. P.S. Medda
2	International Conference on “Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development” organized by Department of Ag. Extension, BCKV, Mohanpur, W.B and Krishi Sanskriti, New Delhi, India	13-14 th August, 2016	Dr. B. Dutta
3	Invited lecture in the State level seminar on “Development of Spices, Medicinal & Aromatic Plants & Its Industries in North Bengal” organized by UBKV, sponsored by MIDH	16 – 17 th Dec, 2016	Dr. P.S. Medda

Seminar, Symposium, Conference, Workshop, training organized:

SL NO.	Seminar, Symposium, Conference, Workshop	Date	Person Associated
1	State Level Seminar Sponsored by MIDH at Manikchalk, Malda	16-17 th Dec, 2016	Dr. P.S. Medda
2	Training Organising on Two days Farmers' Training Sponsored by MIDH at Kisamat Dash Gram, Dinhat, Cooch Behar	04-05 th March, 2017	Dr. P.S. Medda

Member of Scientific association:

SL NO.	Person Associated	Member of Scientific association
1	Dr. P.S. Medda	Life member, Crop and Weed Science Society
2	Dr. H. Bhattacharjee	Life member, Indian Society for Plantation Crops Life member, Indian Society of Genetics and Plant Breeding Life member, Indian Society of Plant Genetic Resources Life member, COBACAS
3	Dr. B. Dutta	Life member, COBACAS Life member, Crop and Weed Science Society
4.	Dr. S. Das	Life member, COBACAS