

Annual Report

Faculty of Horticulture



Uttar Banga Krishi Viswavidyalaya
Pundibari-736 165, Cooch Behar, West Bengal

Year : 2016-17

History

The Faculty of Horticulture was established in the year 1997 under erstwhile North Bengal Campus of BCKV and this had been transferred to Uttar Banga Krishi Viswavidyalaya on 1st February, 2001. The Faculty was housed temporarily in a part of Faculty building of Agricultural since inception. However, a part of construction of new building for the Faculty was completed in the year 2010 and the Faculty was transferred to new building.

The Mandate

- Conduction of teaching programmes (Under Graduate, M.Sc., & Ph.D.)
- Conservation, development, management, display and undertake research on native flora. Promotion of use of the flora for horticulture.
- Development of appropriate horticultural based cropping systems for different agro-climatic zones.
- Identification of location specific agro-forestry and silvipasture system for wasteland development.
- Development of improved varieties and hybrids of fruits, vegetables, plantation crops, medicinal and aromatic plants with good quality high production potential, biotic and abiotic resistance and suitable for export.
- Development and field testing of integrated management of nutrients, diseases and pests of important horticultural crops to reduce input costs, environmental pollution and to avoid pesticide-residue problems.
- Post-harvest technology including value-addition and product diversification of important fruits, vegetables, spices, foliage plants, flowers and plantation crops and export promotion.
- Developing rapid tools, bio-techniques and technologies for genetic manipulations for introducing desirable traits of yield, quality and stress tolerance.
- Production of quality planting materials and micro-propagation of important horticultural crops.
- Protected cultivation of vegetables and flowers.
- Development of package of practices for production of organic horticultural produce.
- Transfer of technologies to farmers and entrepreneurs for increase in quality production of horticulture crops.

Departments under the Faculty

- Department of Pomology & Postharvest Technology
- Department of Vegetable and Spice Crops
- Department of Floriculture, Medicinal and Aromatic Plants
- Department of Plantation Crops and Processing
- Department of Forestry

An Overview

Academic activity of the faculty started in the year 1997, with 5 students in the four years B. Sc. (Hort.) Hons. degree programme as the North Bengal Campus of BCKV. The students intake was gradually increased to 10 (ten) after establishment of the University in 2001 and to fifteen in the year 2005. The current intake capacity in undergraduate programme is 20 (twenty) per year.

The faculty is offering Master and Ph.D. degree programmes under all the departments from 2001-02 academic sessions, except under Floricultural, Medicinal & Aromatic Plants. The Department of Floricultural, Medicinal & Aromatic Plants started Ph. D. programme from 2009-10 academic session and M. Sc. Programme in 2011-12. The main objective was to produce graduates and post graduate students including researchers for enhancing employability, employment potential, entrepreneurship and science-led transformation of our agri-horticulture system.

The Faculty is following recommendations of the ICAR's IVth and Vth Deans' Committee and BSMA Committee recommendations for degree nomenclature and syllabus for UG and PG (M. Sc. and Ph. D.) degree programmes.

List of Academic Programmes

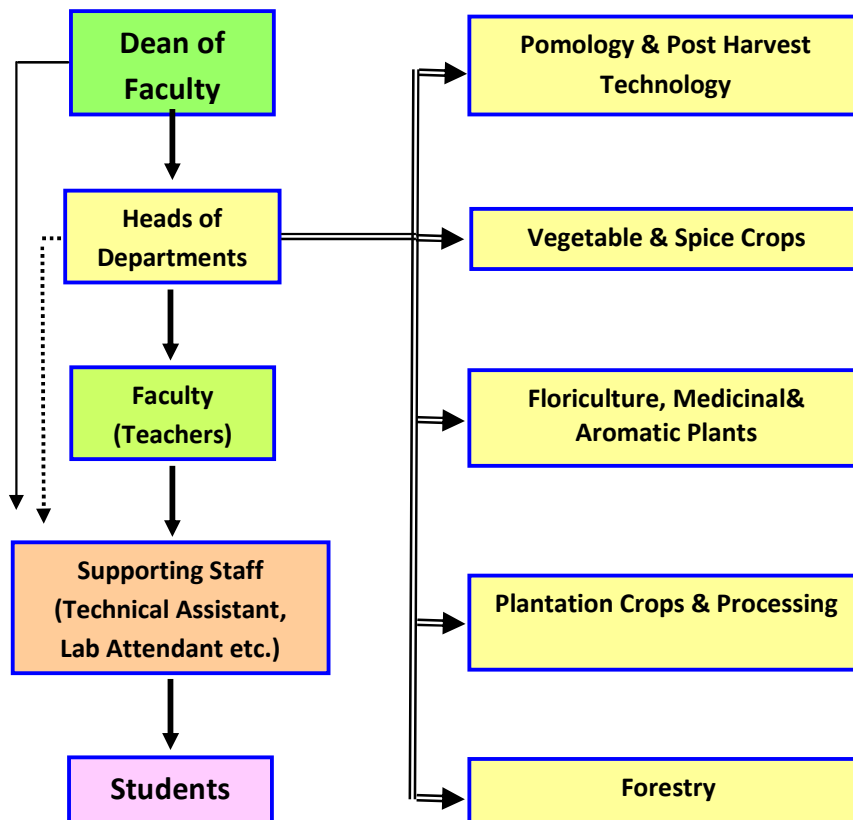
Sl. No.	Name of the Department	Bachelor's Programme	Master's Programme	Ph. D. Programme
1	Pomology and Postharvest Technology	B. Sc. (Hort.) Hons. before implementation of ICAR-V Deans' Committee Report	M. Sc. (Hort.) in Pomology and Postharvest Technology	Ph D. in Pomology and Postharvest Technology
			M. Sc. (Hort.) Fruit Science offering from 2017	Ph D. (Hort.) Fruit Science offering from 2017
			M. Sc. (Hort.) Postharvest Technology offering from 2017 (Newly Proposed)	Ph. D. (Hort.) Postharvest Technology offering from 2017 (Newly Proposed)
2	Vegetable and Spice Crops	after implementation of ICAR-V Deans' Committee Report from 2016	M. Sc. (Hort.) in Vegetable and Spice Crops	Ph D. in Vegetable and Spice Crops
			M. Sc. (Hort.) Vegetable Science offering from 2017	Ph D. (Hort.) Vegetable Science offering from 2017
3	Floriculture, Medicinal and Aromatic Plants	All departments of all Faculties are associated with UG course curriculums of the University	M. Sc. (Hort.) in Floriculture, Medicinal and Aromatic Plants	Ph D. in Floriculture, Medicinal and Aromatic Plants
			M. Sc. (Hort.) Floriculture and Landscape Architecture offering from 2017	Ph D. (Hort.) Floriculture and Landscape Architecture offering from 2017
4	Plantation Crops		M. Sc. (Hort.) in Plantation	Ph. D. in Plantation

Sl. No.	Name of the Department	Bachelor's Programme	Master's Programme	Ph. D. Programme
	and Processing		Crops and Processing	Crops and Processing
			M. Sc. (Hort.) Plantation, Spice, Medicinal and Aromatic Crops offering from 2017	Ph D. (Hort.) Plantation, Spice, Medicinal and Aromatic Crops offering from 2017
5	Forestry		M. Sc. Forestry	Ph D. Forestry

The post graduate degrees offered from the Department of Forestry *i. e.* M. Sc. Forestry and Ph D. Forestry were accredited by the ICFRE up to 2020.

Administration

Faculty Administration



Organizational Chart

The staff position

Teaching Members of the Faculty

Name of the department	Sl. No.	Name of the Teacher	Designation	Mobile No.	E-mail address
POMOLOGY AND POST HARVEST TECHNOLOGY (T-5, R-2)	1.	Dr. Prodyut Kumar Paul	Professor	8016425515	prodyut24@yahoo.com
	2.	Dr. Nilesh Bhowmick	Assistant Professor	9433438982	nileshbhowmick@gmail.com
	3.	Dr. Sarad Gurung RRS, Hill Zone	Associate Professor	9434429066	sgurung_ubkv@yahoo.co.in
	4.	Dr.(Ms.)Mutum Preema Devi	Assistant Professor	7063102366	preema.horti@gmail.com
	5.	Dr. Aditi Chakraborty	Assistant Professor	9432842864	aditi.chatterjee10@gmail.com
	6.	*Dr. M. R. Bhanusree (Res) (on lien)	Assistant Professor	7501552351	bhanusree.horti@gmail.com
	7.	Ms.Pruna Baraily Agri. College, Majhian	Assistant Professor	9002374705	prunabaraily@gmail.com
VEGETABLE AND SPICE CROPS (T-5, R-3)	8.	Dr. Jagadish Chandra Jana	Professor	9475832372	janajc@rediffmail.com
	9.	Dr. Ranjit Chatterjee	Professor	9434197862	ranchat22@rediffmail.com
	10.	Dr. Suchand Datta (Res) RRS, Terai Zone	Professor	9434228494	suchanddatta@rediffmail.com
	11.	Dr. Partha Choudhury (on lien)	Assistant Professor	9434197827	partha2909@rediffmail.com
	12.	Dr. Dipak Kumar Murmu (Res) RRS, O A Z	Assistant Professor	9734452347	dipakmurmu1983@gmail.com
	13.	Ms. Sibnath Basfore	Assistant Professor	9641319674	shibnathbckv@gmail.com

	14.	Dr. R. K. Sarkar RRSS, Terai Zone	Assistant Professor	9851273027	sarkar_ram@rediffmail.com
	15.	Dr. Subhamoy Sikder	Assistant Professor	8436956667	subhamoy.sms@gmail.com
PLANTATION CROPS AND PROCESSING (T-4, R-0)	16.	Dr. Himadri Bhattacharjee	Professor	9434686285	drhbhatta@live.com
	17.	Dr. Partha Sarathi Medda	Professor	9474567593	psmedda@gmail.com
	18.	Dr. Babli Dutta	Assistant Professor	8296767044	babli.here@gmail.com
	19.	Dr. Shrilekha Das	Assistant Professor	9433774153	shri137@gmail.com
FLORICULTURE, MEDICINAL AND AROMATIC PLANTS (T-3, R-1)	20.	Dr. Soumen Maitra	Professor	9433365907	soumenmaitra@rediffmail.com, soummaitra@gmail.com
	21.	Dr. Indrajit Sarkar	Associate Professor	9434814181	indrajitsarkar_kpg@yahoo.co.in
	22.	Smt. Sumita Pradhan (Res) AICRP on Flori.	Assistant Professor	9564017005	ss_bajrachrya@yahoo.com
	23.	Smt. Swathi Kolukunde	Assistant Professor	8276871965	kswathi006@gmail.com
FORESTRY (T-5, R-0)	24.	Dr. Sumit Chakravorty ADR (Actg.) RRS, Hill Zone, Kalimpong	Professor	9434082687	c_drsumit@yahoo.com c.drsumit@gmail.com
	25.	Dr. Amarendra Nath Dey	Associate Professor	9434191333	amarendra_dey@rediffmail.com
	26.	Dr. Gopal Shukla	Assistant Professor	9851380707	gopalshukla12@gmail.com
	27.	Dr. Nazir Ahmed Pala	Assistant Professor	9932812631	nazirpaul@gmail.com
	28.	Smt. Vineeta	Assistant Professor	8477852011 9456762904	babra.vini@gmail.com

Non-Teaching (Technical and Supporting) Staff:

Name of the Office/Department	Name of the Staff	Designation	Phone No.
DEAN OFFICE	1. Smt. Nirupama Sarkar	Jr. Store Keeper	9903302626
	2. Mr. Subir Nandi	Jr. Assistant	8759915086
	3. Subrata Das	Jr. Assistant	8759144059
	4. Mr. Rakhil Ch. Das	Cashier	9474425671
	5. Mr. Pradip Kr. Sen	Jr. Peon	9775464387
POMOLOGY AND PHT	1. Mr. Nitish Saha	Technical Assistant Gr.-I	9475835338
	3. Mr. Dibyendu Das	Jr. Store Keeper	9733196969
	2. Mr. Ananda Sarkar	Lab. Attendant	8927242990

VEGETABLE AND SPICE CROPS	1. Smt. SwapnaRava	Lab. Attendant	7602365628
	2.Mr. Bholaram Das	Sr. Peon	7679225637
PLANTATION CROPS AND PROCESSING	1.Mr. Pijush Saha	Technical Assistant Gr.-II	8388093298
	2.Mr. Goutam Dutta	Technical Assistant	
	3.Mr. Debasish Das	Jr. Peon	9547424966
FLORICULTURE, MEDICINAL AND AROMATIC PLANTS	1.Md. M.H. Khandekar	Technical Superintendent	9734942436
	2.Mr. SankarNeogi	O. A. Gr.-II	9593952277
FORESTRY	1.Smt. Anupama Das	Technical Assistant Gr.-II	9932799357
	2.Mr. Ajit Roy	Sr. Laboratory Attendant	8116377511
	3.Mr. Ranjit Kr. Anjoy	Laboratory Attendant Gr.-II	9593952271

Awards and Honours

- **Louis Pasteur Research Award – 2016** offered by International Agency for Standards and Ratings. - Conferred to Dr. S. Maitra (Professor)
- **Best Teacher Award (Adarsh Vidya Saraswati Rashtriya Puraskar)** offered by Global Management Council, Glacier Journal Research Foundation, Ahmedabad, Gujarat on 5th September, 2016. - Conferred to Dr. S. Maitra (Professor)
- **Fellow of Directorate of Floriculture, IASR – Conferred to Dr. S. Maitra (Professor)**
- **Member of Technical Expert Cum Screening Committee of WBSMPB - Dr. S. Maitra (Professor)**

Members of the Faculty acted as Resource person in National, international, state and district level symposium / conference /seminar/ work shop

Event	Duration	Venue	Organizer	Resource Person
State Level Seminar on Horticulture Entrepreneurship Development in North Bengal <i>Lecture Topic:</i> Postharvest management of Spice Crops	03.03.2016-04.03.2016	Balurghat, Dakshin Dinajpur	UBKV, Funded by Directorate of Arecanut & Spices Development, Dept. of Agriculture, Cooperation & Farmers' Welfare, Govt. of India	Dr. P. K. Paul
State Level Seminar on Horticulture Entrepreneurship Development in North Bengal Topic: Postharvest management of Spice Crops	03.03.2016-04.03.2016	Balurghat, Dakshin Dinajpur	UBKV, Funded by Directorate of Arecanut & Spices Development, Dept. of Agriculture, Cooperation & Farmers' Welfare, Govt. of India	Dr. P. K. Paul and Mr. N. Bhowmick
International Conference on Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: the technology, People and Sustainable Development	13.8.2016 - 14.8.2016	BCKV, Nadia	BCKV & Krishi Sanskriti, New Delhi	N. Bhowmick Co-Chairman of Tech Session-2
Zonal Level Seminar on Agro Based Food Processing Industry	07.12.2016 – 08.12.2016	Mirik, Dist. Darjeeling	Raiganj Institute of Inspiration	Dr. P. K. Paul

Event	Duration	Venue	Organizer	Resource Person
(ABFPI)			and Empowerment for Livelihood Generation supported by Khadi & Village Commission (KVIC), Ministry of MSME, Govt. of India	
State Level seminar on Development of Spices, Medicinal and Aromatic Plants and Its Industries in North Bengal	December 16-17, 2016.	UBKV, RRSS, OAZ, Manichak	UBKV	Dr. S. Maitra, Dr. P.S. Medda Dr. Suchand Datta and Mr. S. Basfore
State Level seminar on Horticulture Entrepreneurship Development in North Bengal	March, 03-04, 2016	UBKV, RRS, OAZ Majhian	UBKV	Dr. Suchand Datta
Annual workshop/group meeting of AICRP on vegetable crops	10-13 th May, 2016	Division of Vegetable Science, IARI, New Delhi.	Division of Vegetable Science, IARI, New Delhi.	Dr. Ranjit Chatterjee
Workshop on Food security and climate change in india	5 Dec 2016	UBKV Pundibari	UBKV	Mr. S. Basfore and Dr. Sikder
<i>Workshop on Fruit processing</i>	15.12.2016	Bapuji Junior High School, Cooch Behar	Principal, University BT & Evening College, Cooch Behar	Dr. M. Preema Devi
Brainstorming Workshop of Coordinators (ELP) of SAUs/ DUs / CUs, organized	October 05-06, 2016	ICAR, New Delhi at NASC Complex	ICAR, New Delhi	Dr. S. Maitra

Members of the Faculty acted as Resource person in Training Programmes

Event	Duration	Venue	Organizer	Resource Person
<i>Training on Preparation of squash, mixed pickle and ginger candy</i>	09.04.2016	Dinhata II, Cooch Behar	Sabuj Biplab Producer Organization (SBPO), Dinhata	Dr. P. K. Paul Dr. M. Preema Devi
<i>One day training programme on Food Processing</i>	09.08.2016	Haldibari Cooch Behar	ADMD & Project Director on Management Unit (DMMU) & DRDC, Cooch Behar	Dr. M. Preema Devi
<i>Training for women farmers under</i>	18.01.2017	Department	Assistant Director of	Dr. M.

Event	Duration	Venue	Organizer	Resource Person
<i>Capacity building and Food security Group</i> On Preparation of guava jelly		of PPHT	Agriculture Cooch Behar II Block,	Preema Devi
<i>Training on</i> Banana cultivation	28.12.1016	ADO office Pundibari, Cooch Behar	Office of the Agriculture Division Officer Cooch Behar II Block,	Dr. A. Chakraborty
<i>Farmers Training Programme</i> on Fruit crop	21.01.2017	Alipurduar	Office of the Assistant Director of Agriculture, Alipurduar	Mr. N. Bhowmick
<i>Farmers Scientist Stake holders Session in Awareness cum Farmers Training Programme</i> on Development of spices, medicinal and aromatic plants and its industries in North Bengal” under MIDH Scheme	27.08.2016-28.08.2016	UBKV, Pundibari	UBKV, Pundibari, MIDH	Dr. Nazir A. Pala and Mr. N. Bhowmick
Farmers’ training Programme	21.01.2017	United Club cum Library. Sahebpota, Alipurduar	O/O Assistant Director of Agriculture, Alipurduar-I Block, Dept. of Agriculture, GoWB	Mr. N. Bhowmick
Women Farmers’ training Program on Improved cultivation technique of Banana, Under Capacity building and food security group	27.12.2016	Conference hall of Pundibari G.P.	Under Capacity building and food security group, ADA.,Cooch Behar-II Block ((Memo No. ATMA 93 dt 23.12.2016)	Dr. A Chakraborty
<i>Training on</i> Preparation of squash, mixed pickle and ginger candy	09.04.2016	Dinhata II, CoochBehar	Sabuj Biplab Producer Organization (SBPO), Dinhata	Dr. P. K. Paul Dr. M. Preema Devi
<i>Awareness Cum Farmers’ Training Programme</i> on - Development of Spices, Medicinal and Aromatic Plants and Its Industries in North Bengal	27-28 th August, 2016	UBKV, Pundibari	UBKV, Pundibari	Dr. S. Maitra

Members of the Faculty Attended National and international level symposium / conference/ seminar/workshops

Title of the Seminar/ Symposium/ Workshop/ Training	Duration	Organizing Institute	Attended by
International Conference on Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development	13-14 th August, 2016	CWSS, BCKV, Kalyani	Dr. Suchand Datta

Title of the Seminar/ Symposium/ Workshop/ Training	Duration	Organizing Institute	Attended by
National Conference on Planting Material Production on Spices	21-22 April, 2016	DASD, Calicut	Dr. Suchand Datta
State Level seminar on Development of Spices, Medicinal and Aromatic Plants and Its Industries in North Bengal	December 16-17, 2016.	UBKV, RRSS, OAZ, Manichak	Dr. Suchand Datta
State Level seminar on Horticulture Entrepreneurship Development in North Bengal	March, 03- 04, 2016	UBKV, RRS, OAZMajhian	Dr. Suchand Datta
Annual workshop/group meeting of AICRP on vegetable crops (10-13 th May,2016)./group meeting of AICRP on vegetable crops.	10-13 th May, 2016	Division of Vegetable Science, IARI, New Delhi.	Dr. Ranjit Chatterjee
Sensitization workshop on Experiential learning, Entrepreneurship and Needs of Agro-Industries jointly organized by UBKV and ICAR-NAARM, Hyderabad.	(28 th Feb to 01 th March, 2017)	UBKV Pundibari	Dr. Ranjit Chatterjee
Capacity Building on e-Waste Management organized by NIELIT, Govt of India and Coochbehar Polytechnic college	(08 th March, 2017)	Coochbehar Polytechnic college, Coochbehar	Dr. Ranjit Chatterjee
State Level seminar on Horticulture Entrepreneurship Development in North Bengal	December 16-17, 2016.	UBKV, RRSS, OAZ, Manichak	Mr. S. Basfore
Workshop on Food security and climate change in india	5 th Dec 2016	UBKV Pundibari	Mr. S. Basfore
Workshop on Food security and climate change in india	5 th Dec 2016	UBKV Pundibari	Dr. S. Sikder
National Workshop on Sustainable Mango Production: Challenges under Changing Climate in Tropics and Subtropics & Mango Diversity Show, Malda	18.6.2017- 19.6.2016	ICAR- Central Institute for Sub-tropical Horticulture- RRS, Malda	N. Bhowmick
National Workshop on Sustainable Mango Production: Challenges under Changing Climate in Tropics and Subtropics & Mango Diversity Show, Malda	18.6.2017- 19.6.2016	ICAR- Central Institute for Sub-tropical Horticulture- RRS, Malda	P. K. Paul

Title of the Seminar/ Symposium/ Workshop/ Training	Duration	Organizing Institute	Attended by
National Conference on Enhancing Nutritional Security through climate smart farming practices	17.3.2017- 18.3.2017	COBACAS & UBKV	N. Bhowmick
International Conference on Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: the technology, People and Sustainable Development	13.8.2017- 14.8.2016	BCKV & Krishi Sanskriti, New Delhi	N. Bhowmick
Sensitizing Workshop on Experiential Learning, Entrepreneurship and needs of Agro-Industry	28.2.2017- 01.3.2017	NAARM, the Bengal Chamber of Commerce, UBKV	Dr. P.S. Medda & N. Bhowmick
National Seminar on Integrating Agri-Horticultural and Allied Research for Food and Nutritional Security in the Era of Global Climate Disruption.	4.3.2017 - 6.3.2017	ICAR Research Station for North East Hill Region, Umium, Barapni, Meghalaya	Dr. M. P. Devi
National conference on Enhancing nutritional security through climate smart farming practices	16- 17March, 2017	COBACAS and RRS, UBKV, Kalimpong	MissVineeta
International Conference on “Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development”	13-14 th August, 2016	Department of Ag. Extension, BCKV, Mohanpur, W.B and Krishi Sanskriti, New Delhi, India	Dr. B. Dutta
State level seminar on “Development of Spices, Medicinal & Aromatic Plants & Its Industries in North Bengal”	16 – 17 th Dec,2016	UBKV, sponsored by MIDH	Dr. S. Maitra, Dr. P.S. Medda Dr. Suchand Datta and Mr. S. Basfore

Members of the Faculty Attended National and international level trainings

Title of the Seminar/ Symposium/ Workshop/ Training	Duration	Organizing Institute	Attended by
Model training course (MTC) on Recent Innovations in Organic Farming sponsored by Ministry of Agriculture and Farmers welfare, Govt. of.	2-9 th January, 2017	Division of Agronomy, IARI, New Delhi.	Dr. Ranjit Chatterjee
Winter School on “Protected cultivation of Commercial flowers and Vegetables”	05.01.2017- 25.01.2017	College of Horticulture, UHS, Bagalkot	Ms Swathi Kolukunde
CAFT Training on Advances in Experimental Data Analysis	6-26 Oct. 2016	IASRI, New Delhi	Mr. S. Basfore
Training on Livelihood and climate change mitigation and adaptation through agroforestry	3 rd to 23 rd August, 2016	ICAR- CAZRI, Jodhpur	Nazir A. Pala
Training on Assessing Resource Management, Climate Risk and environmental sustainability using simulation models	8 th -28 th November, 2016	ICAR-IISS, Bhopal	A. N. Dey
Training on Bioactive compounds from medicinal plant-a wealth of novelties and opportunities	01 st -21 st December, 2016	DMAPR, Gujrat	MissVineeta

National and institutional level symposium/ conference/ seminar/ work shop organised

Title	Period	Venue	Organizer	Resource Person
Jackfruit Exhibition- 2016	14.7.2016	Faculty of Horticulture	Faculty of Horticulture, UBKV	Dr. P. K. Paul Mr. N. Bhowmick
Member, Sub-Committee of Sensitizing Workshop on Experiential Learning, Entrepreneurship and needs of Agro-Industry	28 Feb to 1 st March, 2017	UBKV	NAARM, the Bengal Chamber of Commerce, UBKV	Dr. P. K.Paul and Mr. N. Bhowmick
Member, Organizing Committee of National Workshop on Sustainable Mango Production: Challenges under Changing Climate in Tropics and Subtropics & Mango	18- 19.6.2016	ICAR-Central Institute for Sub-tropical Horticulture- RRS, Malda	ICAR-Central Institute for Sub-tropical Horticulture- RRS, Malda	Dr. P. K.Paul and Mr. N. Bhowmick

Title	Period	Venue	Organizer	Resource Person
Diversity Show				
Spoken Tutorial Project of IIT Bombay at UBKV	08.12.2016	UBKV	UBKV	Chief Coordinator Dr. S. Maitra
State Level Seminar	16-17 th Dec, 2016	Manikchalk, Malda	UBKV, Sponsored by MIDH	Dr. P.S. Medda
Training Organising on Two days Farmers' Training	04-05 th March, 2017	Kisamat Dash Gram, Dinhata,	UBKV, Sponsored by MIDH	Dr. P.S. Medda
Improved production technology of Spice	06.03.2017	UBKV, Pundibari	UBKV	Dr. Suchand Datta

Teaching

Courses offered at UG level

Department of PPHT

Course No.	Course Title	Credit	Course Leader	Associated teachers
PPT 101	Fundamentals of Horticulture	2+1	Mr. N. Bhowmick	Dr. A. Chakraborty Teachers of VSC & FMAP
PPT 102	Plant Propagation & Nursery Management	1+1	Dr. A. Chakraborty	Prof. S. K. Ghosh Mr. N. Bhowmick
PPT 151	Tropical and Sub-tropical Fruits I	1+1	Dr. A. Chakraborty	Dr. S. K. Ghosh Mr. N. Bhowmick
PPT 151	Orchard and Estate Management (5 th Dean Committee)	1+1	Mr. N. Bhowmick	Dr. A. Chakraborty Dr. P. K. Paul
PPT 152	Orchard Management	1+0	Mr. N. Bhowmick	Dr. A. Chakraborty
PPT 152	Orchard Management (4 th Dean Committee, Year Back)	1+0	Dr. A. Chakraborty	Mr. N. Bhowmick
PPT 152	Dry land horticulture	1+1	Dr. A. Chakraborty	N. Bhowmick Dr. P. K. Paul
PPT 201	Temperate Fruits	1+1	Mr. N. Bhowmick	Prof. S. K. Ghosh Dr. A. Chakraborty
PPT 251	Tropical and Sub-tropical Fruits II	1+1	Mr. N. Bhowmick	Dr. S. K. Ghosh Dr. A. Chakraborty

Course No.	Course Title	Credit	Course Leader	Associated teachers
PPT 252	Breeding of Fruits & Plantation Crops	2+1	Dr. A. Chakraborty	Mr. N. Bhowmick Dept. of PCP
PPT 301	Post Harvest Management of Horticultural Crops	2+1	Dr. M. P. Devi	Dr. P. K. Paul
PPT 302	Post Harvest Management & Value Addition of Fruits & Vegetables	1+1	Dr. P. K. Paul	Dr. M. P. Devi
PPT 303	Fundamentals of Food Technology	1+1	Dr. P. K. Paul	Dr. M. P. Devi
PCP 351	Processing of Horticultural Crops (Offered from Plantation Crops & Processing)	1+2	Teachers of PCP	Dr. M. Preema Devi Dr. P. K. Paul
PCP 151	Growth and development of Horticultural Crops (Offered from Plantation Crops & Processing)	1+1	Teachers of PCP	Dr. A Chakraborty

Department of Vegetable sciences

Course code	Course title	Credit hour	Course instructor(s)
PPT-101	Fundamentals of Horticulture	2+1	Dr. Ranjit Chatterjee (under PPHT)
VSC-201	Temperate Vegetables	1+1	Dr. Subhamoy Sikder Dr. Ranjit Chatterjee Mr. Shibnath Basfore
VSC 202	Potato and Tuber Crops	1+1	Mr. Shibnath Basfore Dr. J.C.Jana Dr. Suchand Datta
VSC 203	Production Technology of Vegetables and Flowers	2+1	Mr. Shibnath Basfore Dr. Ranjit Chatterjee, Dr. Subhamoy Sikder
VSC 301	Breeding of Vegetable, Tuber and Spice Crops	2+1	Dr. Subhamoy Sikder Mr. Shibnath Basfore Dr. Ranjit Chatterjee
VSC-151	Tropical and subtropical vegetables	(2+1)	Dr.S. Sikder and Mr. S. Basfore
VSC 251	Spices and condiments	(1+1)	Dr. S Datta and Dr R Chatterjee
VSC 351	Seed production of vegetable, tuber and spice crops	(2+1)	Mr. S. Basfore Dr.S. Sikder, Dr R Chatterjee
VSC 352	Production technology of	(2+1)	Dr. S Datta

Course code	Course title	Credit hour	Course instructor(s)
	spices, medicinal, aromatic and plantation crops		
HOR 152 (B. Tech)	Principles of horticultural crops and plant protection	(1+1)	Prof. J. C. Jana,
VSC-151	Tropical and subtropical vegetables	(2+1)	Dr.S. Sikder and Mr. S. Basfore

Department of FMAP

Course No.	Course Title	Credit	Course Leader	Associated teachers
FAM-101	Principles of Landscape Architecture	1 (0+1)	Dr. S. Maitra	Ms. S. Kolukunde
FAM-201	Commercial Floriculture	3(2+1)	Dr. I Sarkar	Dr. S. Maitra
FAM-251	Ornamental Horticulture	3(2+1)	Dr. I Sarkar	Dr. S. Maitra
FAM-301	Medicinal and Aromatic Plants	3(2+1)	Dr. S. Maitra	
FAM-301 (IV th Dean)	Breeding and Seed Production of Flower and Ornamental Crops	3(2+1)	Ms. S. Kolukunde	Dr. A. M. Khan

Department of PCP

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

Forestry

Course No.	Title	Credit	Associated teachers
FOR-101	Introduction to Forestry (COA, Pundibari)	1+1	Miss Vineeta, Dr. A. N. Dey Dr. N. A. Pala
FOR-101	Introduction to Forestry (CoA, Majhian)	1+1	Dr. G. Shukla, Dr. A. N. Dey
HOR-151	Environmental Science (COB. Tech)	3+0	Dr. G. Shukla, Dr. G.C. Banik Miss Vineeta
FOR-301	Introductory Agroforestry (COH)	1+1	Dr. N. A. Pala, Miss Vineeta Dr. G. Shukla

Course No.	Title	Credit	Associated teachers
FOR-251	Environmental Science (COH)	2+1	Dr. N. A. Pala, Dr. G. Shukla Dr. G.C. Banik, Miss Vineeta
FOR-351	Environmental Science (COA, Pundibari)	1+1	Dr. G. Shukla, Dr. N. A. Pala Dr. G.C. Banik, Dr. A. N Dey
FOR-351	Environmental Science (CoA, Majhian)	1+1	Dr. G. Shukla, Dr. N. A. Pala Dr. G.C. Banik

Student enrolment for UG degree programmes during year 2016-17

Degree Programme	Intake capacity	Total Enrolment	
		Male	Female
B.Sc (Hons.) Horticulture	20	13	6

Student passed out for UG degree programmes during year 2016-17

Degree Programme	Enrolment of the batch		Total pass outs	
	Male	Female	Male	Female
B.Sc (Hons.) Horticulture			7	1

Post Graduate Degree Programmes

Courses offered at PG level

Department of PPHT

Course No	Course Title	Credit	Course Leader	Associated teachers
PPT 501	Tropical & Sub-tropical Fruit Production-I	2+1	Dr. A. Chakraborty	N. Bhowmick
PPT-502	Tropical & Sub-tropical Fruit Production-II	2+1	N. Bhowmick	Dr. S. K. Ghosh Dr. A. Chakraborty Dr. M. P. Devi
PPT-503	Temperate Fruit Production Technology	2+1	Mr. N. Bhowmick	Prof. S. K. Ghosh Dr. A. Chakraborty
PPT 504	Breeding of Fruit Crops	2+1	Dr. A. Chakraborty	N. Bhowmick Dr. M. P. Devi
PPT-505	Post Harvest Physiology & Handling of Horticultural Crops	2+1	Dr. M. P. Devi	Dr. P. K. Paul
PPT 506	Principle of preservation of horticultural crops	2+1	Dr. P. K. Paul	Dr. M. P. Devi
PPT-507	Propagation, nursery management and biotechnology	2+1	Dr. A. Chakraborty	Prof. S. K. Ghosh

Course No	Course Title	Credit	Course Leader	Associated teachers
	of fruit crops			Mr. N. Bhowmick
PPT- 601	Advances in Breeding in fruit crops	2+1	Dr. A. Chakraborty	Dr. S. K. Ghosh
PPT -607	Commercial fruit nursery	1+1	Dr. A. Chakraborty	Dr. S. K. Ghosh
PPT- 608	Advances in Post harvest physiology	2+0	Dr. P. K. Paul	Dr. M. P. Devi
PPT- 609	Advances in food preservation	2+0	Dr. M. P. Devi	Dr. P. K. Paul
PPT- 602	Advances in Production of Fruit Crops -I	2+1	Dr. A. Chakraborty	Dr. A. Chakraborty
PPT-603	Advances in Production of Fruit Crops –II	2+1	Dr. A. Chakraborty	Dr. A. Chakraborty

Department of Vegetable sciences

Course code	Course title	Credit hour	Course instructor(s)
VSC 501*	Production Technology of Cool season Vegetable Crops	2+1	Dr. Subhamoy Sikder Dr. Ranjit Chatterjee Mr. Shibnath Basfore
VSC 504*	Growth and Development of Vegetable Crops	2+1	Dr. Ranjit Chatterjee Mr. Shibnath Basfore
VSC 506	Systematics of Vegetable Crops	1+1	Dr. Ranjit Chatterjee Mr. Shibnath Basfore
VSC 510*	Production Technology of Spice Crops	2+1	Dr. Suchand Datta Mr. Shibnath Basfore
VSC 502	Production technology of warm season vegetable crops	(2+1)	Dr. R.Chatterjee , Dr.S. Sikder, Mr. S.Basfore
VSC 503*	Breeding of Vegetable Crops	2+1	Dr. Ranjit Chatterjee Mr. Shibnath Basfore Dr. Subhamoy Sikder
VSC 505	Seed production technology of vegetable crops	(2+1)	Mr. S. Basfore Dr.S. Sikder
VSC 507	Production Technology of Under exploited Vegetable Crops	1+1	Mr. Shibnath Basfore Dr. Ranjit Chatterjee Dr. Suchand Datta
VSC 508	Organic Vegetable Production Technology	1+1	Dr. Ranjit Chatterjee Mr. Shibnath Basfore
VSC 511	Breeding of spices	(2+1)	Dr. S Datta and Dr R Chatterjee
VSC 512	Processing of spices	(1+1)	Dr. S Datta and one teacher from PCP
VSC 601**	Advances in Vegetable Production	2+1	Dr. Ranjit Chatterjee Dr. Subhamoy Sikder
VSC 602	Advances in breeding of vegetable crops	(2+1)	Dr.S. Sikder and Dr. J.C. Jana
VSC 603**	Protected Cultivation of	1+1	Dr. Ranjit Chatterjee

Course code	Course title	Credit hour	Course instructor(s)
	Vegetable Crops		Dr. Subhamoy Sikder
VSC 605	Seed Certification, Processing and Storage of Vegetable Crops	1+1	Dr. Ranjit Chatterjee Dr. Subhamoy Sikder
VSC 607**	Advances in Spice Production	2+1	Dr. Suchand Datta Dr. Ranjit Chatterjee
VSC 608	Advances in breeding of spice crops	(2+1)	Dr. S Datta and Dr R Chatterjee

Department of FMAP department of vegetable sciences

Course No	Course Title	Credit	Course Leader	Associated teachers
FLA 501	Production technology of Cut Flowers	3 (2+1)	Dr. I Sarkar	Dr. S. Maitra Dr. A. M. Khan
FLA 502	Breeding of Flower crops and Ornamental Plants	3 (2+1)	Dr. S. Maitra	Dr. A. M. Khan Ms. S. Kolukunde
FLA 551	Production Technology of Loose Flowers	3 (2+1)	Dr. S. Maitra	
FLA552	Landscaping and Ornamental Horticulture	3 (2+1)	Dr. A. M. Khan	Dr. I Sarkar
FLA 601	Protected Floriculture	3 (2+1)	Dr. S. Maitra	Ms. S. Kolukunde Dr. I Sarkar
FLA 602	Value Addition in flowers	3 (2+1)	Ms. S. Kolukunde	Dr. A. M. Khan
FLA 701	Advances in Flower production Technology	3 (2+1)	Dr. I Sarkar	Dr. A. M. Khan
FLA 702	Advances in protected and precision floriculture	3 (2+1)	Dr. S. Maitra	Dr. A. M. Khan
FLA751	Advances in breeding of flower crops	3 (2+1)	Dr. S. Maitra	Dr. A. M. Khan
FLA 752	Advances in Landscape Architecture	3 (2+1)	Dr. I Sarkar	Dr. S. Maitra

Department of PCP

Course No.	Course Title	Credit hours
PCP 502	Production Technology of Plantation crops-II	3(2+1)
PCP 505	Processing of Plantation Crops Crops II	3(2+1)
PCP 504	Breeding of Plantation crops	3(2+1)

PCP 507	Organic Production Technology of Plantation Crops	3(2+1)
PSMA 501	Production Technology of Plantation Crops-I	3(2+1)
PSMA 502	Production Technology of Plantation (Beverage) Crops-II	2(1+1)
PSMA 504	Production Technology of Minor, Seed and Tree spice Crops	2(1+1)
PSMA 503	Production Technology of Major Spice Crops	2(1+1)
PSMA 505	Production Technology of Medicinal and Aromatic crops	1(1+1)
PSMA 506	Breeding of Plantation, Spices, Medicinal and Aromatic crops	3(2+1)
PSMA 507	Processing of Plantation Crops, Spices, Medicinal and Aromatic crops	3(2+1)
PSMA 508	Organic Spice and Plantation crop Production Technology	2(1+1)
PSMA591	Master's Seminar	1(0+1)
PSMA 599	Master's Research(non-credit)	20(0+20)
PCP 601	Advances in Production Technology of Plantation crops-I	3(2+1)
PCP602	Advances in Production Technology of Plantation Crops-II	3(2+1)
Course No.	Course Title	Credit hours
PCP603	Advances in Breeding of Plantation Crops.	3(2+1)
PCP604	Advances in Processing of Plantation Crops.	3(2+1)
PCP605	Advances in Processing of Plantation Crops-II	3(2+1)
PCP606	Bio-technology of Plantation Crops	3(2+1)
PCP691	Doctoral Seminar-I	1(1+0)
PCP692	Doctoral Seminar-II	1(1+0)
PCP699	Doctoral Research (Non-credit)	45(0+45)

Department of Forestry

Course No.	Title	Credit	Associated teachers
FOR-501	Silviculture	2+0	Dr. A. N. Dey Ms. Vineeta
FOR-502	Forest Biometry	1+1	Ms. Vineeta Dr. N.A. Pala
FOR-503	Forest management	2+0	Dr. A. N. Dey Ms. Vineeta
FOR-506	Forest Resources management and Economics	1+1	Dr. G. Shukla Dr. N.A. Pala
FOR-507	Forest protection	1+1	Dr. G. Shukla Dr. N.A. Pala
FOR-510	Forest and People	2+0	Dr. N.A. Pala

Course No.	Title	Credit	Associated teachers
			Dr. G. Shukla
FOR-504	Forest products - chemistry and industries	2+1	Dr. N.A. Pala Ms. Vineeta Dr. A. N. Dey
FOR-509	Tree Improvement	1+1	Dr. N.A. Pala Dr. G. Shukla
AF - 525	Economics of Agroforestry System	2+1	Dr. A. N. Dey Ms. Vineeta
AF – 526	Range Land and Pasture Management	2+0	Dr. N.A. Pala Ms. Vineeta
PT- 521	Seed Collection, storage and Testing	2+1	Dr. A. N. Dey Ms. Vineeta
EM – 522	Environmental Pollution	3+0	Dr. G. Shukla Dr. N.A. Pala Dr. A. N. Dey
FGR- 525	Forest Genetic Diversity and Conservation	3+0	Dr. G. Shukla Dr. A. N. Dey
FBM - 521	Forest Resource Analysis	3+0	Dr. N.A. Pala Dr. G. Shukla Ms. Vineeta

Students enrolment for post graduate degree programme during the year 2016-17

Degree Programme	Department	Intake capacity	Total Enrolment	
			Male	Female
M.Sc	Vegetable and Spice Crops	4	3	1
Ph.D.	Vegetable and Spice Crops	2	0	2
M.Sc.	Floriculture, Medicinal & Aromatic Plants	8	0	2
Ph.D.	Floriculture, Medicinal & Aromatic Plants	4	0	0
M.Sc.	Forestry		1	1
Ph.D.	Forestry		1	1
M.Sc.	Pomology & Post Harvest Technology	5	0	3
Ph.D.	Pomology & Post Harvest Technology	2	0	2
M.Sc.	Plantation Crops and Processing	4	1	1
Ph.D.	Plantation Crops and Processing	2	0	0

Convocation Report

Details of students awarded with gold medal in B.Sc. (Hons.) Hort. degree programme

Sl . No.	Name	No of gold medals	Medal title	Pass out year
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1.	Shubhrajyoti Saha (H-2014-12-M)	M.Sc. (Hort.) degree programme	Faculty Topper	2016
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The students who secured ICAR –NET during the academic year 2015-2016

Sl. No.	PG Degree Programme	Name of the student	Percentage of Marks
1.		Ravi kiran Thirumdasu (H-2014-3-D)	
2.		Bhaisare Pranali Tulshidas (H-2015-02-D)	
3.		Somashekar Gajjela (H-2015-4-D)	

Students other achievements:

Name of the student	Award received	Title of paper	Seminar / symposium title	Date
Riman Saha Chowdhury (H-2017-8-D)	Best Poster Presentation	Study the effect of boron, molybdenum and zinc and their combined treatments on growth and yield parameters of Broccoli in Terai agro-ecological region of West Bengal.	Enhancing Nutritional Security through Climate Smart Farming Practices	17 th to 18 th March, 2017 at UBKV , Pundibari

Research

Departmental Research Programme

POMOLOGY & POST HARVEST TECHNOLOGY

Sl. No.	Title	Associated Teacher	Status
1.	Nutritional management and pre-harvest treatments on growth, yield and quality of pineapple	Prof. S. K. Ghosh, Mr. N. Bhowmick	Continuing
2.	Value addition of jackfruit grown in Terai region of West Bengal and evaluation of its storage stability	Prof. S.K.Ghosh Mr. N. Bhowmik	Completed
3.	Studies on storage behavior of Indian Olive (<i>Elaeagnus floribundus</i> Blume)	Prof. S.K.Ghosh Dr. P. K. Paul	Completed

Sl. No.	Title	Associated Teacher	Status
4.	Evaluation of quality and stability of lemon based blended nectar	Dr. M. Preema Devi Dr. P. K. Paul	Continuing
5.	Studies on sodium substitution in pickle	Dr. P. K. Paul Dr. M. Preema Devi	Continuing
6.	Effect of Paclobutrazol in Guava var. L-49	Dr. A. Chakraborty Mr. N. Bhowmick	Continuing
7.	Effect of planting density and paclobutrazol on flowering and fruiting characteristics of Pineapple (<i>Ananas comosus</i> L. Merr) cv. Mauritius.	Mr. N. Bhowmick Dr. A. Chakraborty	Continuing
8.	Role of pollen on fruit characteristics of selected guava genotype.	Dr. Aditi Chakraborty Mr. Nilesh Bhowmick	Continuing
9.	Effect of Pre-harvest spray on shelf life quality of Strawberry.	Prof. P. K. Paul Dr. A. Chakraborty	Continuing
10.	Allelopathic effect of litchi leaf extract	N. Bhowmick	Completed
11.	Effect of planting density & paclobutrazol on pineapple	N. Bhowmick	Continuing
12.	Evaluation of physico-chemical characteristics of Jalpai (Indian olive) and Pummelo	N. Bhowmick	Continuing
13.	Flowering and fruiting characteristics of mango and litchi	N. Bhowmick A. Chakraborty	Continuing

Developmental Programme:

Sl. No.	Title	Associated Teacher	Status
1.	Development of pineapple varietal block	N. Bhowmick	Continuing
2.	Collection and maintenance of different strawberry cultivars	N. Bhowmick Dr. A. Chakraborty	Continuing
3.	Establishment of litchi orchard var Bedana	N. Bhowmick Dr. M. Preema Devi	Continuing
4.	Maintenance of mother block of litchi	N. Bhowmick Dr. A. Chakraborty	Continuing
5.	Maintenance of citrus rootstock, water apple orchard	Dr. M. Preema Devi	Continuing

FORESTRY

	Title of the research Project	Associated Teacher	Status
1	Rejuvenation, gap filling and intercropping in <i>Albizia lebbeck</i> agroforestry stand	PI- Dr Gopal Shukla Dr. SubhamoySikder	Running
2	Rejuvenation, gap filling and intercropping in <i>Terminalia arjuna</i> agroforestry stand	Dr. Nazir A. Pala Dr. SubhamoySikder	Running
3	Rejuvenation, gap filling and intercropping in Jarul agroforestry stand	Miss. Vineeta Mr.Shibnath Basfore	Running
4	Moringa based agroforestry system for terai zone of West Bengal	PI- Dr Gopal Shukla Dr. Nazir A. Pala Miss. Vineeta Mr. Shibnath Basfore Dr. Subhamoy Sikder	Running
5	Standardisation of nursery technology on <i>Mimusops elengi</i> and <i>Elaeocarpus floribundus</i>	Dr. A. N. Dey	Running
6	Standardisation of macropropagation of <i>Elaeocarpus floribundus</i> and <i>E. gannitrus</i>	Dr. A. N. Dey	Running

On-Going External Funded Projects

Department	Title of the Project	Funding Agency	Fund Amount (Lakh)	PI and CoPIs	Status – Completed / Continuing
POMOLOGY AND POST HARVEST TECHNOLOGY	Quality Control Laboratory	MoFPI, GOI		Prof. P. K. Paul-Principal Investigator (PI)	
	Survey, documentation, collection & maintenance of	Institutional Project (UBKV)	2.54	PI: Dr. Nilesh Bhowmik. CoPI : Dr. Aditi Chakraborty, Dr.	Continuing

	Jackfruit (Artocarpus heterophyllus lorn) germplasm grown under the northern region of West Bengal			Mutum Preema Devi, Dr. Ramkrishna Sarkar, Dr. M. R. Bhanusree, Ms. P. Bariely.	
FLORICULTURE, MEDICINAL AND AROMATIC PLANTS	Technology standardization for lab to land of Asiatic lily for development of tribal community in Terai-Dooars region of North Bengal under phase-I	West Bengal State Department of Science and Technology	14.21	PI- Dr. Soumen Maitra	Continuing
	Improving water use for dry season agriculture by marginal and Tenant farmers in the Eastern Gangetic plains	ACIAR - Australia	80,000 Australian Dollar	PI: Dr. Rupak sarkar CoPI: Dr Soumen Maitra	Continuing
	Establishment of Model nursery (4 ha) in public sector at UBKV for medicinal plants.	State Mission on Medicinal Plants, Dept. of FPI & H, Govt of WB, under NMPB.	20.00	PI: Dr. S Maitra CoPI: Dr. S. S. Gantait	Completed on 31.03.2017
FORESTRY	Standardization of Agrotechnology and Mass multiplication for production of quality seedlings of <i>Woodfordia fruticosa</i> , <i>Sida cordifolia</i> and <i>Desmodium gangeticum</i>	National Medicinal Plant Board (NMPB), Govt. of India, New Delhi	23.985	PI: Miss Vineeta Co-PI: Dr. S. Chakravarty; Dr. G. Shukla; Dr. N. A. Pala; Miss Swathi Kolukunde	Continuing 29.12.2016
	Assessment of ecosystem services in home garden agroforestry in Sikkim and Sub-Himalayan region of West Bengal	Science and Engineering Research Board (SERB), DST, Govt. of India, New Delhi	36.14	PI: Dr. N. A. Pala Co-PI: Dr. S. Chakravarty; Dr. G. Shukla	Continuing 15.03.2017
	Tree planting programme in educational institutes of the state of West	Dept. Of Environment, Govt. f W.B/1.34		PI- Dr. A. N. Dey	Completed

	Bengal				
	Production of quality planting materials of some important medicinal plants through identification multiplication, supply of healthy elite genotype and capacity building programmes for improving rural livelihood in Northern part of West Bengal	NMPB- New Delhi, Govt. of India/40.34.00		PI- Dr Gopal Shukla Co-PI: Dr. Nazir A. Pala Miss. Vineeta Dr. S. Chakravarty	Running
VEGETABLE SCIENCES VEGETABLE SCIENCES	Centrally Sponsored Scheme -Mission for Integrated Development of Horticulture	Directorate of Arecanut and Spice Development, Govt. of India	Above 30 lacs (each financial year)	Dr. Ranjit Chatterjee, Acting as Co-P.I .	Continuing (2012 onward)
	AICRP on vegetable crops(as In-Charge)	ICAR-IIVR, Varanasi	-----	Dr. Ranjit Chatterjee, Acting as In-Charge, UBKV Centre	Continuing (2015 onward)
	Improving water use for dry season agriculture by marginal and tenant farmers in the Eastern Gangetic Plains (as Co-P.I.)	ACIAR, Australian Government	30 Lacs	Dr. Ranjit Chatterjee, Acting as Co-P.I .	Continuing (2015 onward)
	Molecular and morphological diversity analysis of cucurbits of Garo Hills, Meghalaya (as P.I. of Collaborative Institute)	DBT, Govt. of India	42.81 Lacs	Dr. Ranjit Chatterjee, Acted as P.I. of Collaborative Institute (UBKV)	Completed (2015-2017)
	Centrally Sponsored Scheme -Mission for Integrated Development of Horticulture	Directorate of Arecanut and Spice Development, Govt. of India	Above 30 lacs (each financial year)	Dr. Suchand Datta, Acting as PI and In-Charge since 03.06.2015 and before 03.06.2015 acted as Co-P.I .	Continuing (2012 onward)
	AICRP on Spices	Project Coordinator cell of ICAR-AICRP on Spices,	Above 22 lacs (each financial year)	Dr. Suchand Datta, Acting as In-Charge and Horticulturist since	Continuing (19.09.2014 onward)

	ICAR-IISR, Kozhikode		19.09.2014	
A study on exploration, Characterization and conservation of Brinjal (<i>Solanum melongena</i>) germplasm in Eastern India	UBKV	Above 5.5 lacs	Mr. Shibnath Basfore, & Dr. Subhamoy Sikder, Acting as Co-P.I .	Continuing (2015 onward)
AICRP on Vegetables at UBKV, Pundibari	AICRP	----	Mr. Shibnath Basfore, & Dr. Subhamoy Sikder, Acting as Co-P.I .	Continuing (2015 onward)
Development of a PCR based Virus detection system for solanaceous vegetables in North Bengal.	UBKV	-----	Mr. Shibnath Basfore, Acting as Co-P.I .	Continuing (2016 onward)
Innovative fish farming project.	Department of Agrl. Govt. of West Bengal		Dr. Subhamoy Sikder, Acting as Co-P.I .	Completed (2016-2017)
Cropping System	UBKV, RRS Terrai Zone, Pundibari	7 lakh	Dr. Subhamoy Sikder, Acting as Co-P.I .	Continuing 2016 onwards

Extension Activities

The Faculty organized trainings, workshops and exhibitions for imparting technical knowledge to the farmers under its jurisdiction. Members of the faculty participated extensively in various extension activities organized by state and other institutes by acting as resource person. Following is the list of extension programmes organized by the faculty and its members acting in various capacities in other extension programmes.

Training Programmes, Seminars, Workshops and Exhibitions Organised

- Jackfruit Exhibition- 2016 on 14th July 2016 at Faculty of Horticulture, UBKV, Pundibari organized by the Faculty of Horticulture, UBKV,
- Awareness cum Farmers Training Programme on Development of spices, medicinal and aromatic plants and its industries in North Bengal” under MIDH Scheme, 27th to 28th August, 2016 at UBKV, Pundibari organized by the Faculty of Horticulture, UBKV
- Two days Farmers’ Training, 04-05th March, 2017 at Kisamat Dash Gram, Dinahata, Cooch Behar, organized by the Faculty of Horticulture, UBKV

- State Level Seminar on Horticulture Entrepreneurship Development in North Bengal, 3rd -4th march 2016 at Balurghat, Dakshin Dinajpur, organized by UBKV, Funded by Directorate of Arecanut & Spices Development, Dept. of Agriculture, Cooperation & Farmers' Welfare, Govt. of India
- State Level seminar on Development of Spices, Medicinal and Aromatic Plants and Its Industries in North Bengal
- Training on Improved production technology of Spice, 6th March 201 at UBKV Pundibari, organized by the Faculty of Horticulture, UBKV
- State Level seminar on Development of Spices, Medicinal and Aromatic Plants and Its Industries in North Bengal on 16th -17th December, 2016 at UBKV, RRSS, OAZ, Manichak, UBKV.

The Faculty members also delivered radio talks and participated in live telephonic programmes of the mass media as an initiative to reach out to the farming community at large with the technical knowledge of Horticulture.

Radio Talks

Topic	Resource Person
Live phone in programme on All India Radio, Siliguri broadcasted on 30.6.2016 on the topic of “Kala chash ke lavjanak korte” (How to make the banana cultivation profitable	Mr. N. Bhowmick
“Strawberry Chash-Alochana in Grame Gange Programme” recording programme on 17.03.17 at 12.30 pm to be broadcast over All India Radio programme, Siliguri, W.B on 18.03.17 at 7.00 pm.	Dr. A Chakraborty
Participated as an expert on live phone-in programme of Akashbani, Siliguri on the topic of Uttarbange banigik vitite phool Chaser Sambhabana abong chas padhati. On 10.11.2016	Dr. Indrajit Sarkar

Publications

Papers Published In Scientific Journals

1. B. Das, S. Sikder, A. Debnath, R. Yonzon, S. Kundu, A. Das (2017). Genetic divergence in tomato under alluvial zone of West Bengal. *Journal of Hill Agriculture* 8(1): 21-25 (ISSN: 0976-7606)
2. Bandyopadhyay, S., Chakraborty, S., Datta, S., Debnath, A., Roy, M. K. Haque, S. (2016) Conservation and evaluation of turmeric germplasm in terai zone of West Bengal. *Ecology, Environment and Conservation*, 22(April suppl.): S299-S302. [ISSN 0971-765X]
3. Chakraborty, S., Dutta S., Debnath A., Bandyopadhyay S., Roy M.K. and Haque S. (2016) Evaluation of turmeric germplasm for tolerance to foliar diseases in terai region of West Bengal. *International Journal of Agricultural Science and Research (IJASR)* 6(4) : 2016, 61-68.

4. Chakraborty,S., Dutta S., Debnath A., Bandopadhyya S., Roy M.K. and Haque S.(2017). Evaluation of some turmeric genotypes in terai Region of West Bengal *International Journal of Science, Environment and Technology*, 6(2) : 1065 – 1070 ISSN 2278-3687 (O) 2277-663X (P)
5. Datta, S. and Jana, J. C. (2016) Growth, yield and important quality attributes of chilli (*Capsicum annuum* L.) under Sub Himalayan tracts of West Bengal. *Indian Journal of Horticulture*, 73 (1) : 66-73. [ISSN 0972-8538].
6. Dipika Mal and Ranjit Chatterjee. 2016. Residual effect of vermicompost and inorganic fertilizers of sprouting broccoli (*Brassica Oleracea* L. var. *italica* Plenck.) on succeeding cowpea (*Vigna unguiculata* L. Walp.) pod yield and soil fertility in eastern Himalayan region, *Green farming* 7 (1): 148-151.(ISSN 0974-0775).
7. Islam, S., Datta S. and Chatterjee, R. (2016) Influence of the planting date on the performance of cauliflower (*Brassica oleracea* var. *botrytis* L.) varieties under terai region of West Bengal, India. *International Journal of Bioresource and Stress Management*, 7(3) : 426-431. [ISSN : 0976-3988].
8. Jana, J. C., Datta, S., Bhaisare, P. and Thapa, A. (2017) Effect of Organic, Inorganic Source of Nutrients and *Azospirillum* on Yield and Quality of Turmeric (*Curcuma longa* L.). *Int.J.Curr.Microbiol. App. Sci.*, 6(2) : 966-970.
9. Konar, S., Chatterjee, R and Datta, S. (2016) Impact of Microbial Inoculants on the Performance of Bell Pepper (*Capsicum annuum* L.) Varieties under Foot Hills of Eastern Himalayan Region. *Int.J.Curr.Microbiol.App.Sci.*, 5(9) : 131-138.
10. R. Saha Chowdhury and S. Sikder (2017). Study the Manifestation of Growth and Yield Attributes of Broccoli through Application of Boron, Molybdenum, Zinc and their Combination Treatments in Teraiaagro-Ecological Region of West Bengal. *Current Agriculture Research Journal* 5(3): 1-5 (ISSN: 2347-4688)
11. Ranjit Chatterjee* and Dipika Mal. 2016. Influence of Seedling Raising Method and Nutrient Sources on Seedling Growth and subsequent Performance of Cabbage (*Brassica oleracea* var. *capitata* L.). *Journal of Environmental and Agricultural Sciences* 9:15-20(ISSN:2313-8629).
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Leaflets

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