



PROSPECTUS



Uttar Banga Krishi Viswavidyalaya

Pundibari, Cooch Behar, Pin-736165

West Bengal

www.ubkv.ac.in

GENESIS

The northern part of West-Bengal is endowed with diverse natural resources like forest, economic plant resources, agro-ecosystem, agro-biodiversity etc. together with an extremely responsive rural communities. It comprises of old alluvial, terai and hill zones distributed in six northern districts of West Bengal viz., Cooch Behar, Jalpaiguri, Darjeeling, Malda, Dakshin Dinajpur and Uttar Dinajpur. The economy of this part of West Bengal is predominantly agrarian in nature and agriculture is characterized by low productivity and subsistence farming with limited number of crops due to inherent soil-climatic and agro-ecological conditions. Thus, generations of improved technologies befitting to the agro-climatic and socio-economic characteristics of this region is an important issue. Keeping this perspective in view, the State Government established a satellite campus of the State Agriculture University, Bidhan Chandra Krishi Viswavidyalaya at Pundibari of Cooch Behar district in 1979. The Indian Council of Agriculture Research accredited the campus and started extending development support since then. A notable change in agricultural and horticultural crops production, productivity and cropping pattern in North Bengal became perspective from late eighties onwards. Despite inadequate manpower and infrastructural facilities, the research extension and teaching activities at North Bengal campus were note worthy. During late nineties, Post Graduate programme was also started here. With the introduction of National Agriculture Research Project (NARP), Pundibari became the head quarter of the Terai agro-climatic zone of West Bengal. Since then region specific problems had been taken care of by the campus and lots of technologies have been generated through various research programmes. However, all these were still meager, compared to the desire and need of the farmers. Later, the State Government strengthened this satellite campus of Bidhan Chandra Krishi Viswavidyalaya further, and ultimately decided to upgrade this campus to a full-fledged State Agricultural University in July, 2000 covering the entire North Bengal. The “Uttar Banga Krishi Viswavidyalaya” was established by West Bengal Act XX of 2000 and started functioning from the 1st February, 2001.

LOCATION OF THE UNIVERSITY :

The head quarter is situated at Pundibari, a rural block in the district of Cooch Behar (with 43 MSL) which is 15 km away from the district head quarter (Cooch Behar Town). The nearest railway station is New Cooch Behar, which lies in between Kolkata and Guwahati train route. It is 14 km. away from Pundibari and 8 km from Cooch Behar town. It is situated by the side of the highway which leads from Cooch Behar to Siliguri. The nearest airport is Bagdogra which is 184 km away from the University Head Quarter.

Cooch Behar, a historically important place, is known as the City of Beauty enjoying a mild climate throughout the year. The average minimum and maximum temperature is 10⁰C and 35⁰C, respectively. Several tourist lodges, hotels are available in Cooch Behar town. It is well connected through bus and train services from Kolkata, Guwahati, Siliguri and other parts of West Bengal and India.

ACADEMIC, RESEARCH AND EXTENSION ESTABLISHMENTS OF THE UNIVERSITY

The University has three different areas of activities viz. teaching, research and extension.

A. ACADEMIC ACTIVITIES :

Academic programmes are carried out in Uttar Banga Krishi Viswavidyalaya under three faculties, viz.

1. FACULTY OF AGRICULTURE,
2. FACULTY OF HORTICULTURE
3. FACULTY OF TECHNOLOGY

Under Graduate, Post Graduate and Ph.D. Programmes are carried out under Faculty of Agriculture and Faculty of Horticulture. Faculty of Technology offers U.G. Programme only. The Deans act as the functional Head of the Faculties. Each Faculty has a Faculty Council Which deals with all matters related to academic programmes at Faculty level. There is an apex body, Academic Council which is the Academic Authority of the Viswavidyalaya.

I. Faculty of Agriculture consists of ten academic departments :

Department of Plant Pathology * Department of Agril. Extension
Department of Plant Physiology /Seed Science & Technology
Department of Agril. Economics * Department of Biochemistry
Department of Agronomy * Department of Agril. Statistics
Department of Soil Science & Agril. Chemistry
Department of Genetics and Plant Breeding
Department of Agril. Entomology

II. Faculty of Horticulture consists of five academic departments

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

III. Faculty of Technology

Department of Agriculture Engineering

COURSES OFFERED

At present the following courses are offered by the University :

	SL. NO.	Courses Degree / Diploma	Duration	Eligibility	Maximum Intake
Under Graduate	1.	B.Sc. (Ag.) Hons.	4 years	H.S. (10+2) with Physics, Chemistry, Biology/ Agriculture with at least 60% marks.	66
	2.	B.Sc. (Hort) Hons	4 Years	H.S. (10+2) with Physics, Chemistry, Biology/ Agriculture with at least 60% marks.	20
	3.	B. Tech. (Hons.) in Ag. Engg.	4 years	H.S. (10+2) with Physics + Chemistry + Math and ICAR or WBJEE qualify.	21
Post Graduate	1.	M.Sc (Ag)	2 Years	B.Sc. (Ag) with at least 60% marks in all exam. passed	60
	2.	M.Sc. (Hort)	2 Years	B.Sc. (Hort.) with at least 60% marks in all exam. passed	17
	3.	M.Sc. (Forestry)	2 years	B.SC. (Forestry) or B. Sc. (Ag.) Hons. with elective in Forestry	4
	4	Ph. D.	3 years	M. Sc. (Ag./Hort.) with good academic records	36

Any change in intake capacity, eligibility, department etc. will be mentioned in the advertisement/announcement of the respective year.

B. RESEARCH ACTIVITIES :

The research activities of the University are administered by the Research Council where the Director of Research is the functional head. The Research Council of the University is the highest authority to supervise, direct and control all the research activities and the policy making body on research in the University.

The University has three Regional Research Stations (RRS) based on agro-climatic and socio-economic characteristics of the regions one each for Terai Zone at Pundibari, Cooch Behar district, Hill Zone at Kalimpong, Darjeeling district and Old Alluvial Zone at Majhian, South Dinajpur district. Each of the RRS has one or more Regional Research Sub-Stations (RRSS). Besides the traditional field crops, tea, tobacco, medicinal and aromatic plants and orchids are the predominant cash crops in this region. Research work on fundamental and applied aspects on agricultural problems with special reference to agrobiotechnology are carried out at different centres of the University. Besides through a number of ICAR sponsored All India Co-ordinated Research Projects are operative at R.R.S., Pundibari and R.R.S., Kalimpong on specific crop/crops

The Regional Research Stations and its Sub-stations are mentioned below :

I. Regional Research Station (Hill Zone) : Head Quarter : Kalimpong, Darjeeling ; **Sub-station** : Pedong, Darjeeling

II. Regional Research Station (Terai Zone) : Head Quarter : Pundibari, Cooch Behar; **Sub-station** : Kharibari, Darjeeling

III. Regional Research Station (Old Alluvial Zone) : Head Quarter : Majhian, Dakshin Dinajpur, **Sub-station** : Manikchak, Malda

C. EXTENSION EDUCATION ACTIVITIES :

The extension education activities of the University is administered by the Directorate of Extension Education where Director of Extension Education is the functional head. The Extension Education Council of the University is the highest authority to supervise, direct and control all the extension activities and the policy making body on extension education in the University.

The University undertakes such agricultural extension activities as are necessary to uplift the condition of rural livelihood through transfer of technologies (TOT) generated from researches either from its own research system or from the network of four Krishi Vigyan Kendras (KVKs) at different Regional Research Stations (RRS) operated and located at different districts or in collaboration with different Govt. and non-Govt. Agencies.

The following Krishi Vigyan Kendras are working under the Viswavidyalaya :

I. Cooch Behar Krishi Vigyan Kendra : Pundibari, Cooch Behar

II. Darjeeling Krishi Vigyan Kendra : Kalimpong, Darjeeling

III. Dakshin Dinajpur Krishi Vigyan Kendra : Majhian, Dakshin Dinajpur

IV. Uttar Dinajpur Krishi Vigyan Kendra : Chopra, Uttar Dinajpur

V. Malda Krishi Vigyan Kendra: Ratun, Malda

HOSTEL FACILITIES :

Sufficient hostel facilities are available for all the students who get enrolled. At present there are two Boys' Hostels, one each for UG and PG students and one Girls' Hostel for both UG and PG students. Students are required to pay Hostel Admission fees of Rs. 1800/- at the time of admission. Which includes Hostel Entrance fee Rs. 500/-, Mess Advance Rs. 1200/- and Hostel establishment charge is Rs. 100/- Thereafter the Hostel Establishment charge is to be paid @ Rs. 50/- per month for UG and Rs. 100/- per month for PG Students. The boarding charges may vary from Rs. 550/- to 650/- per month. Sufficient Student amenities are available in each hostel. The welfare activities of the students are administered by the Dean, Students' welfare.

LIBRARY :

The University has a Central Library at the main campus at Pundibari. There are also unit libraries at other academic establishments and Regional Research Stations of the University. Reference books, journals and CD ROM facilities are available at central and unit libraries. There are around 25,000 accessions with an yearly addition of about 1500 books.

On an average five national and five international journals for each department are subscribed.

Photocopy and internet facilities are also available in the library.

TEACHING AND EVALUATION

In order to educate the students properly in the advances in science of Agriculture and Horticulture both at the Under-Graduate and Post-Graduate levels, and in Technology at U.G. level, the guidelines as proposed by the Indian Council of Agricultural Research is followed. A course-credit system in teaching and evaluation spread over two semesters per year for all the subjects is followed.

HANDS ON TRAINING / EXPERIENCIAL LEARNING

As per recommendation of Fourth Deans Committee Constituted by ICAR, final year B.Sc.(Ag.) students may select courses for Experiential Learning from different areas of Crop Production, Crop Protection, Horticulture, Post Harvest Technology and Value Addition, Agri-Business Management, Social Sciences, Basic Sciences and Commercial Agriculture in addition to Rural Agricultural Work Experience Programme, Similarly, Final year B.Sc.(Hort.) students may select courses for Hands on Training/Experiential Learning from different areas of Protected Cultivation of High Value Crops, Nursery production and Management, Post Harvest Technology and Value Addition and Floriculture and Landscape Gardening in addition to Rural Horticultural Work Experience Programme. Offering of these courses will depend upon the present position of available facilities, number of students, market situation, etc.

FEES STRUCTURE

The following fees are collected from each student for his / her studies :

Faculty of Agriculture and Horticulture :-

For UG Course - Rs. 2,000/- in each term of 6 months duration excluding hostel charges.

For PG Rs. 3,000/- per semester excluding hostel charges.

For Ph.D Rs. 4,000/- per semester excluding hostel charges.

SCHOLARSHIP & FELLOWSHIP :

At U.G. level a scholarship @ Rs. 175/- p.m. is given to 60% of students secured at least 6.5 GPA and free studentship is given to 20% of students. In 8th Term all students are given a maximum of Rs. 500/- per month as for Rural Field Work Experience (RFWE) stipend.

At Master Degree (PG) level all the students securing at least 7.5 OGPA are given a scholarship of Rs. 600/- per month. Students admitted in Doctoral Degree programme enjoy scholarship to the tune of Rs. 8000/- per month for first two years. After wards, the students get an enhanced rate of scholarship amounting Rs. 9000/- per month for third year. In case of NET/GATE/SLET qualified candidates, the monthly rate of scholarship is Rs. 9500/- and Rs. 10,000/- respectively. Any change in this regard will be announced by the Authority of the University.

COMPUTER :

Computer with internet facilities are available in each department. Various course in Computer application and Science are offered under the department of Agricultural Statistics and Faculty of Technology. Besides these there is a Students Computer Center for the use of

the students of all Faculties and Computer Training Center of certificate / diploma courses on computer.

FARM FACILITIES :

Uttar Banga Krishi Viswavidyalaya has a fairly well developed Agricultural Experimental Farm of about 300 acres at Pundibari, Cooch Behar, West Bengal.

THE FOLLOWING FACILITIES ARE AVAILABLE IN THE FARM

- University Instructional and Research Farms
- Irrigation facilities
- Fruit orchards
- Tea garden
- KVK Farm
- Certified/Truthfully labeled Seed Production Block
- Ponds for fish culture
- Storage godowns
- Implements shed with advanced Farm Implements.
- Meteorological observatory
- Propagation structures for Horticultural Crops

The entire farm is devoted to practical teaching and research for the students of the Viswavidyalaya and for the benefit of the farmers of North Bengal districts.

LANGUAGE AND COMMUNICATION SKILL DEVELOPMENT FACILITY

A well developed Laboratory for enhancement of communication skill and personality of student has been developed by STEP, IIT, Kharagpur.

INSTITUTE-INDUSTRY INTERACTION FOR RESOURCE MOBILIZATION :

- Production of quality certified seeds of agronomical and horticultural crops in collaboration with West Bengal State Seed Corporation, National Seed Corporation, different Govt. Departments and Co-operatives.
- Commercial extraction of aromatic oils and its marketing in collaboration with regional cottage industries.
- Collaborative research work with Tea Research Association, Toklai for quality improvement of tea in North Bengal region and production of technical experts for different tea industries through a Post-Graduate Diploma Course in Tea Science and Management.

PLACEMENT :

The faculty members of the University maintain personal contact with the individual student throughout their period of study and help them to bloom as professional experts in their field of specialization. All the faculty members with their professional qualifications and market knowledge guide the students to secure suitable jobs commensurating with their

qualifications, aptitudes and expertise in various fields of teaching, research, development and extension.

Besides a **Placement Cell** under the leadership of the Dean, Student's Welfare looks after the students' interest in general and placement aspects in particular, through holding campus interviews and arranging suitable placements for the students.

FUTURE OUTLOOK

- Introduction of courses in Biotechnology, Agri-business Management, Seed Sciences and Home Sciences.
- Extension Mechanism for ensuring technology adoption and quality of inputs.
- Rationalization of cropping system through crop substitution and diversification particularly in the sub-Himalayan tract of West Bengal.
- Modernizing commercial horticulture.
- Advancement in tea science.
- Conservation and utilization of local crops genetic resources.
- Harnessing indigenous technological knowledge for developing location specific low input sustainable agriculture (LIDA).
- Watershed management and development.
- Application of biotechnology and information technology for agriculture development in the region.
- Farming System Research (FSR).
- Development of Public-Private Partnership.
- Value addition in Agriculture and Horticulture Products.
- Introduction of B.Tech. courses in Computer Science & Engg. IT, Food Technology under the Faculty of Technology.

INFORMATION & INSTRUCTIONS TO THE CANDIDATES FOR ADMISSION IN B.Sc. (Ag. / Hort.) HONOURS COURSE

The candidates for admission to different courses are required to take note of the following points. :

Allotment of seats for Under Graduate courses.

Faculty of Agriculture :

Total	Gen	SC	ST	PWD	OBC-A	OBC-B
		22%	6%	3%	10%	7%
66	34	14	4	2	7	5
WB General Stream						
48	22	12	3	2	5	4
WB Vocational Stream						
2	2	0	0	0	0	0
CBSE, ICSE & other boards						
5	2	0	0	0	2	1
Hill quota						
1	1	0	0	0	0	0
ICAR quota						
10	7	2	1	0	0	0

Faculty of Horticulture:

Total	Gen	SC	ST	PWD	OBC-A	OBC-B
		22%	6%	3%	10%	7%
20	11	4	1	1	2	1
WB General Stream						
13	6	3	1	1	1	1
WB Vocational Stream						
1	1	0	0	0	0	0
CBSE, ICSE & other boards						
2	1	0	0	0	1	0
Hill quota						
1	1	0	0	0	0	0
ICAR quota						
3	2	1	0	0	0	0

N.B.: Number of seats may be increased.

PWD- Person with disability.

Any change in allotment of seats, category, eligibility etc. will be mentioned in the advertisement/announcement for the respective year.

Admission in B. Tech. Course is made through W. B. Joint Entrance Examination.

A. Candidates shall have to submit the following certificates along with the filled in application form for admission to any of the course positively :

1. Attested copy of mark sheets, admit cards of all examinations passed.
2. Attested copies of scheduled Caste/Scheduled Tribe/Physically Handicapped certificate from appropriate authority.
3. Attested copy of certificate from the Head Master/Principal of the Institution from where he/she has passed the last qualifying examination, stating total marks obtained by the candidate.
4. Residential Certificate from the competent authority.
5. Declaration certificate with joint signature of the Guardian and candidate mentioning occupation and family income. Income certificate from the competent authority. Competent authority : Pradhan / Commissioner / Sabhapati / MLA / MP.
6. Allotment slip with WBJEE rank of Central Selection Committee for B. Tech. students only.
7. One copy of passport size photograph of the candidate.

B. Whenever the form is submitted by post for B.Sc. (Ag.) Hons. & B. Sc. (Hort.) Hons., superscribe on the top of the envelope with words "Admission to B.Sc. (Ag.)/B.Sc. (Hort.) Hons. Course."

C. The candidates must be of good health and capable of undertaking extensive field work. The selected candidates will be required to undergo a Medical Examination for Physical fitness before Admission.

- D. Admission Notice shall not be issued individually to the candidates for admission. Name of the candidate in order of merit shall appear in the Notice Board of the Admission & Scholarship section at Pundibari, Cooch Behar on the date to be notified in the respective year and also in the website www.ubkv.ac.in. and the Admission will be started on the date to be Notified in the Admission Notification for the respective year. Separate form to be submitted for each faculty, if the candidate desires to apply.
- E. The candidates shall be required to get themselves admitted on payment of the admission and enrolment fees as mentioned below. The candidates will be required to submit Mark sheets of all examination passed, Admit cards, SC/ST/Person with disability (PWD) certificates, Residential certificate and all other relevant certificates, testimonials in original at the time of admission for verification.
- F. The candidate shall be required to bring 2 nos passport size photograph which will be needed at the time of joining, if selected.
- G. The candidates for admission to B.Sc. (Ag.) Hons. and B.Sc. (Hort.) Hons. Course will be required to bring with them an amount of Rs. 4700/- in cash and report to the Admission & Scholarship Section on the announced date by 11.30 a.m. positively, failing which their claim for admission to the concerned course will be forfeited without showing any reason thereof.
- The candidates must be present during counseling on the announced date along with the documents mentioned in the admission related notification. The candidates present on the announced date by 11.30 a.m. will be considered for admission in order of merit if found otherwise suitable, subject to availability of seats.
- H. At the time of admission the student and guardian must have to submit Annexure-I & II regarding anti-ragging declaration in prescribed proforma.**
- I. Admission in the Hostel is compulsory. Candidates residing within 15 k.m. away from the campus may be exempted from staying in the Hostel if permitted by the University Administration.
- J. Decision of the Admission Committee is final for admission.
- K. Any change in this context will be published / Notified in the University Website (www.ubkv.ac.in).

Some important officials of this University

- ✓ Vice Chancellor : (03582) 270141/270249
- ✓ Registrar : (03582) 270588/270143
- ✓ Dean, Faculty of Agriculture : (03582) 270586
- ✓ Dean, Faculty of Horticulture : (03582) 270157
- ✓ Dean, Faculty of Technology : (03582) 270948
- ✓ Dean, Students Welfare : (03582) 270158
- ✓ Director of Research : (03582) 270246
- ✓ Director of Extension Education : (03582) 270986
- ✓ Director of Farms : (03582) 270985
- ✓ Comptroller : (03582) 270142

Some important phone numbers to contact regarding admission

- ✓ Registrar : (03582) 270588/270143
- ✓ Dean, Faculty of Agriculture : (03582) 270586
- ✓ Dean, Faculty of Horticulture : (03582) 270157
- ✓ Dean, Faculty of Technology : (03582) 270948
- ✓ Dean, Students Welfare : (03582) 270158
- ✓ Deputy Registrar : (03582) 270632
- ✓ Asst. Registrar : (03582) 270949
- ✓ For any help(Admission related) send email –

E-mail id - ubkvadmission@rediffmail.com

