



SUSRJO INSTITUTE OF AGRICULTURAL SCIENCE, TECHNOLOGY AND MANAGEMENT

AFFILIATED TO UNIVERSITY OF KALYANI

AN INSTITUTE OFFERING AGRICULTURE & ALLIED PROFESSIONAL AND MANAGEMENT COURSES

WEBEL IT PARK
IT & E DEPARTMENT

GOVERNMENT OF WEST BENGAL
KRISHNAGAR, NADIA, PIN - 741101, WB

IN FRONT OF KRISHNAGAR HORTICULTURE OFFICE, NEAR COMRAV BAGAN
VILL- DEWAKA, P.S- KOTWALI P.O.- KRISHNAGAR, DIST.- NADIA, PIN- 741001
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About the Institute:

The Susrjo Institute of Agricultural Science, Technology and Management is designed as one of the best institutions under the University of Kalyani. It aims to become a centre of excellence in providing high quality education, training and technological orientation to individuals in acquiring extensive skill in the field of Agriculture and Allied Professions so that they can enrich their lives by achieving lucrative career options and / or being self employed. It is all about experiential learning and building an ever-expanding knowledge base involving knowledge partners and connectivities.

Our Vision:

SKY - Skill Development, Knowledge Development and Youth Development

Our Mission:

To provide trained, qualified and skilled professionals in the field of Agriculture and Allied Professions and to groom unskilled to skilled.

Objectives:

- To equip our trainees with modern technologies of Agriculture and Allied Professions so that they can impart quality Agricultural services.
- To instill seed of values of humanity and Agriculture and Allied professionalism continuously in our budding expert for holistic development, endowing them with absolute competence through optimum use of effective resources.
- To serve as a platform for the Agriculture and Allied professional aspirants to explore their absolute potential.
- To impart knowledge, develop skills and core competency in Agriculture and Allied professions in order to develop a career through higher studies, employment etc and there serve society.
- To inculcate deep sense of humanity, discipline and responsibility towards society by keeping in mind ethics for Agriculture and Allied services.
- To develop the spirit of entrepreneurship.
- To organize advance and upgraded courses in this field.
- To provide consultancy services in concerned fields.
- To groom students from the technological, legal, civic, humanity, moral responsibility of the profession.
- The fundamental aim of this institute is to grow with courses catering professional, intellectual, social and personal perspectives.
- To prepare youth to develop career in broad field of Agriculture and Allied services where skilled expertise are in demand.

The Institute is under the management of Susrjo Charitable Trust. The Trust is duly registered under the Indian Trust Act, 1882 (2 of 1882) & Income Tax Act, 1961. Susrjo Charitable Trust is registered under Govt. of West Bengal. It has also received grant exemption u/s 300(B) (VI) of Income Tax Act 1961 and registration u/s 12AA of I.T. Act 1961.

Scope of Diploma in Agriculture & Allied Science

The scope of agriculture as a career is ever-growing. This is truly an indication of a nation being a producer. As the agriculture domain is growing, so are the roles and responsibilities related to the field. Agriculture as a domain is not just limited to farming, there are many aspects to it such as genetics, pest control and more aspects to it. Diploma holders get a chance in both front-end jobs like managers, trainees, officers etc. Graduates get chances in research options technical areas managerial options, etc.

As AI Artificial Technology is coming up, the agriculture field is taking strides and ever-growing. Specialized candidates are called out for adopting such roles.

Organization Offering Opportunities for the Agriculture Diploma Holders

The organizations working in the agriculture sector are given below-

1. Indian Council of Agricultural Research
2. NABARD (National Bank for Agriculture and Rural Development)
- 3 Govt. Horticulture & Agriculture Department
- 4 National Seeds Corporation Limited (NSCL)

Job Option After the Completion of Diploma in Agriculture & Allied Courses

There are many job opportunities for the ones who complete the diploma in an agriculture course.

1. **Teaching Post:** Diploma holders can apply for a teaching post at the elementary level. Their starting salary is around Rs 20,000/- per month.
2. **Research Assistant:** The agriculture research analysis and looks after the growth of the crops and overall well being and growth of the field. These researchers perform various experiments in the laboratories to come up with agriculture solutions. They may also produce complete various research papers and more. Their starting salary is Rs 25,000/- per month.
3. **Field Assistant:** Various government and private organizations in the country call out the agriculture diploma holders for field assistant positions. These professionals look after the well being of the field. The starting salary is Rs 20,000 per month.
4. **Assistant Extension Manager:** As an assistant manager in agriculture diploma holder starts from the basics. They assist in the management.
5. **Own Business:** Diploma holders will get a license to open a chemical fertilizers shop and they will be able to do business independently.



Admission Criteria:

There are certain eligibility preconditions which one has to abide by in order to apply for the course in Diploma in Agriculture Science and Management & Post-Graduate Diploma in Crop Production and Plant Health Management. The eligibility guidelines are given below -

1. **Entry Level Criteria:** Candidates must pass class 12th or Equivalent examination in any stream in order to be eligible for Diploma in Agriculture Science and Management & Candidates must complete Graduation in any stream to apply for the course Post-Graduate Diploma in Crop Production and Plant Health Management.
2. **Minimum Marks Required:** Candidates must secure a minimum of 50% marks in 12th or Equivalent examination for Diploma in Agriculture Science and Management and there is no limit of percentage of marks of admission in Post-Graduate Diploma in Crop Production and Plant Health Management. There may be some relaxation for the ones who fall under the reserved categories. For different colleges the minimum marks required also differ.

Course Details :

A. Diploma in Agricultural Science and Management

Duration: Two Years.
Eligibility: H.S.(10+2) with 50% marks or equivalent of any stream.
Course Structure: The courses are distributed into 4(four) semesters including one internship course of 4 to 6 weeks duration.

Tentative Academic Calendar for the session 2020 – 2022

Term	Tentative Schedule
Semester I	August, 2020 to January, 2021
Semester II	February, 2021 to July, 2021
Semester III	August, 2021 to January, 2022
Semester IV	February, 2022 to July, 2022

Scheme of Syllabus : **First Semester :**

Course No.	Title of the course	Credit hrs. T P
ASM-01	Introductory Agriculture and Fundamentals of Crop growing	2 + 1 = 3
ASM-02	Principles of Agronomy	2 + 1 = 3
ASM-03	Principles of Horticulture	2 + 1 = 3
ASM-04	Comprehension and Communication skills in English	2 + 0 = 2
ASM-05	Principles of Management	2 + 0 = 2
ASM-06	Introduction of Computer Application	1 + 1 = 2
Total		(11+4) = 15

Second Semester :

Course No.	Title of the course	Credit hrs. T P
ASM-07	Nutrient Management	2 + 0 = 2
ASM-08	Organic Farming and Sustainable Agriculture	1 + 1 = 2
ASM-09	Seed Production Technology	2 + 1 = 3
ASM-10	Principles of Plant Propagation	1 + 2 = 3
ASM-11	Nursery and its Management	1 + 1 = 2
ASM-12	Hybrid Seed Production Technology	1 + 1 = 2
ASM-13	Seminar - I	1 + 0 = 1
Total		(9+6) = 15

Third Semester :

Course No.	Title of the course	Credit hrs. T P
ASM-14	Production of Field Crops	2 + 1 = 3
ASM-15	Production of Horticultural Crops	2 + 1 = 3
ASM-16	Principles of Insect Control	1 + 1 = 2
ASM-17	Health of Field Crops and their Management	2 + 1 = 3
ASM-18	Health of Fruit, Vegetable & Medicinal Crops and their Management	2 + 1 = 3
ASM-19	Seminar - II	1 + 0 = 1
Total		(10+0) = 15

Fourth Semester :

Course No.	Title of the course	Credit hrs. T P
ASM-20	Principles of Plant Pathology and Plant Breeding	1 + 1 = 2
ASM-21	Health of Field Crops & their Management	2 + 1 = 3
ASM-22	Health of Horticultural Crops and their Management	2 + 1 = 3
ASM-23	Agricultural Sales and Marketing Management	3 + 0 = 3
ASM-24	Internship course of 4 to 6 weeks duration	0 + 5 = 5
Total		(7+8) = 15

Courses Details:

B. Post-Graduate Diploma in Crop Production and Plant Health Management

Duration: Two Years.
Eligibility: Graduate of any stream.
Course Structure: The courses including Bridge courses and Internship course are distributed into 4 (four) semesters. To have the Post - graduate diploma meaningful, few Bridge Courses are being offered to get the basic knowledge of Agriculture with regard to its history, Soil Science, concept of water logging, Plant Health & Entomology, Plant Pathology, Herpetology and Agricultural Meteorology and Agricultural Statistics.

Tentative Academic Calendar for the session 2020 – 2022

Term	Tentative Schedule
Semester I	August, 2020 to January, 2021
Semester II	February, 2021 to July, 2021
Semester III	August, 2021 to January, 2022
Semester IV	February, 2022 to July, 2022

Scheme of Syllabus : **First Semester (New students need to complete these 05 units)**

Course No.	Title of the course	Credit hrs. T P
BC-01	Essentials Botany	2 + 1 = 3
BC-02	Fundamentals of Soil Science	2 + 1 = 3
BC-03	Fundamentals of Entomology	1 + 1 = 2
BC-04	Fundamentals of Plant Pathology and Nematology	2 + 1 = 3
BC-05	Agricultural Statistics	1 + 1 = 2
BC-06	Agricultural Meteorology	2 + 0 = 2
Total		(10+5) = 15

Second Semester :

Course No.	Title of the course	Credit hrs. T P
CPPH-01	Introductory Agriculture	1 + 1 = 2
CPPH-02	Principles of Management	2 + 0 = 2
CPPH-03	Plant Tissue Culture	2 + 1 = 3
CPPH-04	Organic Farming and Sustainable Agriculture	1 + 1 = 2
CPPH-05	Production of Field Crops	2 + 1 = 3
CPPH-06	Comprehension and Communication skills in English	2 + 0 = 2
CPPH-07	Seminar - I	1 + 0 = 1
Total		(13+4) = 18

Third Semester :

Course No.	Title of the course	Credit hrs. T P
CPPH-08	Soil Chemistry and Nutrient Management	2 + 0 = 2
CPPH-09	Principles of Herbicides	1 + 1 = 2
CPPH-10	Production Technology of Fruit and Pteronation Crops	1 + 1 = 2
CPPH-11	Production Technology of Vegetable Crops	1 + 1 = 2
CPPH-12	Production Technology of Flower Crops and Sanitation	1 + 1 = 2
CPPH-13	Preservation & Value addition of Horticultural Crops	2 + 2 = 4
CPPH-14	Seminar - II	1 + 0 = 1
Total		(9+9) = 18

Fourth Semester :

Course No.	Title of the course	Credit hrs. T P
CPPH-15	Principles of Insect Control	1 + 1 = 2
CPPH-16	Health of Field Crops & their Management	1 + 1 = 2
CPPH-17	Health of Fruit, Vegetable & Medicinal Crops and their Management	1 + 1 = 2
CPPH-18	Health of Field Crops & their Management	1 + 1 = 2
CPPH-19	Health of Fruit, Vegetable & Medicinal Crops & their Management	1 + 1 = 2
CPPH-20	Fundamentals of Extension Education & Communication	1 + 1 = 2
CPPH-21	Internship course of 4 to 6 weeks duration	0 + 5 = 5
Total		(8+11) = 19

How to apply

The Application Form attached with the information brochure-Care-Prospectus may be collected personally from the office or downloaded from www.kau.ac.in. The Application Form will be submitted at institution office or Apply online with Rs. 500/- as Form Fee either by cash, Demand Draft or NEFT (Online payment).

The duly filled in Application Form along with the documents to be enclosed should reach the Office of Kurukshetra Institute of Agricultural Science, Technology & Management, Watala St. Park, VIL, Daryapur, P.O. Khatimnagar, Dist- Noida, Pin-201101, West Bengal, by Registered Post / Speed Post / in person by the scheduled date and time positively.

Note :

1. Amount once paid for the Application Form and Prospectus is not refundable.
 2. The authority shall not be held responsible for any postal delay under any situation.
 3. Self-attested photocopies of the documents mentioned below required to be enclosed with the Application:

1. Aachar card is must as a proof of Indian Nationality / Permanent Resident Certificate
2. Admit Card of the Secondary (10th) Examination or equivalent Board examination as a proof of age.
3. Marksheet of Secondary (10th), Higher Secondary (10+2) Examination, Graduation or any equivalent examination from the recognized board whichever applicable.
4. STBC or category certificate from the Competent Authority (where applicable)
5. 1 (one) recent passport size photograph to be affixed on the Application Form and 2 (two) recent passport size photographs having name of the candidate written on back side.

At the time of submitting all of the above documents are to be produced in original along with one photograph of each attached by self. (Student).

General Rules:

1. Institute's decision for the selection procedure will be final, no complaint will be taken on that matter.
2. Students enrolled are not permitted to undergo any other courses of study during the courses tenure.
3. Student will have to attend theory and practical classes as well as the training programmes with diligence and sincerity and will maintain discipline whatsoever during the course.
4. Students will not be allowed to appear in the college exams and university exams unless he/she has attended 75% of the lectures, demonstrations and practical classes as per the university norms.
5. Failure to comply with the rules and regulations of the institute will lead to disciplinary actions such as warning, fines and suspension or even expulsion from the institute. In all disciplinary matters, the decision of the management will be final and binding.
6. The management of the institute reserves the right to change / modify the prospectus, rules, guidelines, fee structures and other criteria of the institute whenever necessary according to the situation and will not be answerable to anyone for such changes. Everyone connected to the institute shall be bound by these rules and limits.
7. All students are required to carry the institute identity card and should wear their uniforms within the campus during institute hours. The identity card will be issued by institute after admission.
8. All notices issued by the authorities of the institute require mandatory reading and strict obedience.



FEES STRUCTURE

Courses:

- 1) Diploma in Agricultural Science and Management
- 2) Post-Graduate Diploma in Crop Production and plant Health management

Total Expenses for each course mentioned above: 1,50,000/-

<i>SEMESTER - I</i>	42,000/-
<i>SEMESTER - II</i>	36,000/-
<i>SEMESTER - III</i>	36,000/-
<i>SEMESTER - IV</i>	36,000/-
TOTAL=	1,50,000/-