

21 Days National Training Course On

Technology Interventions Towards Transformation of Agriculture, Sericulture, Animal Husbandry and Allied Sectors into Sustainable Enterprises for Atmanirbhar Bharat

Venue: By online mode (Zoom Video Conferencing App)

11-31 October, 2020

Organized by



Agro Environmental Development
Society (AEDS), India
(www.aedsi.org)



Central Sericultural Research & Training Institute (CSRTI),
Central Silk Board-Ministry of Textiles-Government of India, Mysuru, Karnataka
(www.csrtimys.res.in)



Pondicherry Institute of Agricultural Sciences,
Thavalakuppam, Puducherry
(www.pias.org.in)



Bioved Research Institute of Agriculture, Technology
& Sciences, Prayagraj, (Allahabad)
(www.bioved.co.in/briats.html)

Our Supporters

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For Further Details Contact

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Email : aedsi2020@gmail.com



Themes Area of the Course:

1. **Livelihood security in Agriculture and Allied sectors**
2. **Sustainable Development through Sericulture**
3. **Opportunities of Entrepreneurship in Horticulture and Allied Fields**
4. **Advances in Animal Husbandry and Allied fields**
5. **Livelihood Security with Dairy Farming**
6. **Emerging employment in Fisheries Sector for Sustainable Development**

Agro Environmental Development Society

The Agro Environmental Development Society (AEDS) is a scientific organization registered under the Societies Registration Act 21, 1860. The prime objective of the organization is to promote the scientific awareness and sustainable development of agriculture, environment and biological sciences for the welfare of human being. The society is also committed to explore the scientific development across the world and has taken initiative to provide a platform to the scientists, researcher, policy makers and scholars to solve and discuss various issues relating to agricultural and environmental development. AEDS had organized first International conference at Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad, Uttar Pradesh, India in association with Pondicherry Institute of Agricultural Sciences (PIAS), Pondicherry and Centre for Environment & Agricultural Development (CEAD), Pondicherry on November 27-29, 2018 and became a great success with an impressive turnout of around 600 participants from all around the country along with the foreign delegates. The 2nd International Conference was held at Dr. Y.S. Parmar University of Horticulture and Forestry, Solan, Himachal Pradesh on September 27-29, 2019. On this occasion, nearly 800 participants (Scientists, Academicians, Industries Person and Students) were participated from India and abroad to discuss their views on the diverse field of Agriculture, Environment and Biological Sciences. AEDS also organized first International Web-conference on June 21-22, 2020, via Jitsi Meet Video Conference App in collaboration with B.B Ambedkar Central University, Lucknow, Plant Pathology, Research Institute, Agricultural Research, Center, Cairo University ST., Giza, Egypt and Departamento de Biología Molecular Biotecnología, Universidad Nacional Autónoma de México in the field of Agriculture and Allied Sciences for encouraging young researcher and students during the pandemic situation of COVID-19.

Bioved Research Institute of Agriculture, Technology & Sciences (BRIATS) Prayagraj (Allahabad)

BRIATS is working since last 28 years in different fields of agriculture for providing security, surety and accountability in different fields of agriculture for monthly income through the demonstration and training of need based, resource full, recent advanced, eco-friendly technologies, conserving natural resources in the field of lac cultivation, fresh water pearl culture, soil testing training programmes, nematode problems and their management, bullock operated pumping set, flour mill, chaff cutting and thresher, value addition of bio-resources and agri-waste materials with joint use of lac for domestic use, hi-tech nursery, spirulina and azolla cultivation and its value addition, medicinal and aromatic plants cultivation and its value addition, post harvest technology, IPM & INM technology, tissue culture technology, integrated fish-poultry and duck farming, smart dairy farming system and environmental conservation programs. For attracting and retaining youth in

different fields of agriculture, BRIATS has started B.Sc. (Ag) courses since 2018-19 and affiliated to Allahabad State University, Allahabad for providing quality and practical education so that cent percent passed agri-graduates will be placed to get attracting salary and to help farmers in and around the college residing in different villages. Bioved Agriculture Degree College is situated on Allahabad Lucknow highway near the well known historical and tourist place Shringverpur, Allahabad. BRIATS have well equipped air conditioned laboratories, smart class rooms, separate hostel facilities for boys and girls, agriculture farm, Wi-Fi campus, 24 hours electricity through solar, electric and generator, lush green campus, security guards, whole campus under CCTV, transportation facilities, 24 hours mess having all modern kitchen equipments, R.O. Water and medical facilities are existing in college campus which is spread over in 35 acre lands. BRIATS has introduced Scientific method of lac cultivation & its value addition, Freshwater pearl culture; Spirulina & Azola cultivation at farmers fields for the first time in U. P. Institute has published 50 books in Hindi & English and publishes 3 International bi-annual Scientific journals since last 28 yrs continuously.

Central Sericultural Research & Training Institute (CSRTI), Mysuru, Karnataka

Central Sericultural Research & Training Institute (CSRTI), Mysore, the pioneer research institution in the field of tropical sericulture, was established at Chennapattna in 1961 under the administrative control of Central Silk Board, Ministry of Textiles, Government of India for the overall development of silk industry in the country. During the course of development the Institute was shifted to Mysore the princely city in the year 1963. Over the years the Institute has grown in to a full pledged centre of excellence and provided commendable support to enhance silk productivity and quality ensuring generation of higher income for the farmers.

The CSRTI is located in the southern part of Mysore city on the H.D.Kote - Manandavadi Road at about 8 km from Railway Station. Mysore has a long illustrious history of being one of the major seats of learning in southern India. Apart from being the centre of advanced studies under University of Mysore, the city also houses a number of academic and research institutions of International repute.

Pondicherry Institute of Agricultural Sciences (PIAS), Thavalakuppam, Puducherry

Pondicherry Institute of Agricultural Sciences is leading a changing process in the field of agriculture and First Institution in Puducherry for the courses, **Diploma in Agriculture, Diploma in Horticulture and MBA (Agri & Food Business Management)** in collaboration with **Annamalai University accredited with "A" grade by NAAC**. PIAS surveyed and studied the need of agricultural sciences and designed employment related course, the syllabi for the courses have been designed to ensure that all successful students possess to confidence and capacity of doing all types of Agriculture related works. Pondicherry Institute of Agricultural Sciences is pledged for the enrichment of basic sectors for our National Growth such as Education, Agriculture and Environment.

About the National Training Course

India is an agrarian economy and the majority of the individuals are engaged in this sector for the sustenance of better livelihoods. It renders a significant contribution to the growth and development of the country's economy. It is directly and indirectly linked with the other sectors of the economy and has the major objective of promoting overall growth and development of the economy. The economic contribution of agriculture towards the Gross Domestic Product (GDP) of the country is declining with the economic growth that is taking place within the country. Agriculture with its allied sectors is the largest livelihood provider within the country.

India is expected to achieve the ambitious goal of doubling farm income by 2022. The agriculture sector

in India is expected to generate better momentum in the next few years due to increased investments in agricultural infrastructure such as irrigation facilities, warehousing, and cold storage.

The agriculture, horticulture, animal husbandry and allied sectors have their own characteristics and peculiarities. Since modest beginnings, the agriculture, horticulture, animal husbandry and allied sectors have become increasingly complex and multi-faceted. The challenge these sectors face today is how to feed the world population in an equitable manner while protecting the environment from irreversible negative changes like lockdown condition etc.

In its attempt to address this multidisciplinary challenge, agriculture, horticulture, animal husbandry and allied sectors must span the biological and earth sciences, engineering, the social sciences, and include anthropology and economics. This means that any given agriculture, horticulture and animal husbandry development project may include planning, target group inclusion, research, management, soil enhancement, field operations, storage, processing, and distribution, as well as policy and regulatory demands, nutritional food security, the reduction of hunger, enhanced nutrition, incomes and living standards, the status and role of women, fair access to suitable agricultural land and the food harvested from it, and the protection of that land, water sources, market clusters and the broader environment.

Any single agriculture, horticulture or animal husbandry project or program is necessarily part of a highly complex, interrelated system. To deliver utility and value, evaluation in such sectors we must take into account contextually sensitive issues. This means that in addition to the adoption of the more generic evaluation approaches, evaluation practice applied to the research and development of agriculture, horticulture, animal husbandry and allied sectors have also required the adaptation and development of more closely-tailored options and tools to meet their peculiar needs.

Within this complex background, this national training course will facilitate and provide professional, skill based and job oriented opportunities, cum awareness programme to the scientists, teachers and students of agriculture, horticulture, animal husbandry, fisheries and allied sectors so that they may be able to prepare and manage result oriented research projects, self employment and entrepreneurship in their respective fields.

Participants Eligibility:

National Training Course is open for all the Students, Research Scholar, Scientists, Teachers, Growers, Product Manufactures and Marketing Personals.

How to Apply or Register:

Participants may submit their online registration form after payment (via Net banking/Mobile Wallets/Mobile App) along with the payment slip/screenshot through www.aeds.org

Instructions for filling online form through www.aeds.org

1. Candidates should fill all fields as described in registration form.
2. Candidates need to upload a passport size Photo& Signature on the form. Make sure the photograph &Signature is less than **100 KB & 40 KB** respectively.
3. Participants may complete their payment *via* net banking/ online/ bank app/ branch/ mobile app etc. and after submitting registration form no hard/ soft copy is required to submit AEDS Society.

4. Further Detailed Instructions are on the website registration page i.e. www.aeds.org
5. In case of any query, candidates should write an email to aeds2020@gmail.com

Registration Fee

Categories	Indian Participants (INR)	Others Countries (USD)
Students (UG & PG)	2500	100
Ph.D. Scholar, JRF& SRF	3000	150
Scientist, Faculty, Professionals, RA &PDF	3500	200
Private Organization, Industries etc.	4000	300

Note : Registration Fee is Non Refundable/Non-Transferable. For further queries and assistance, please contact to Organizing Director, Dr. Chhatarpal Singh, E-mail: cpsingh.2012@gmail.com, Mob: +91-6394082801.

Mode of Payment & Account

Name of Account	National Training Course
Name of the Bank	State Bank of India
Bank Address	SBI, Saifni Shahabad, Bilari Road, Saifni, Rampur-244922, UP
Type of Account	Saving
Account Number	38837079014
IFSC Code	SBIN0018205

Important Dates

Last Date of Registration	October 10, 2020
Commencement of Training Course	October 11, 2020

***Note:**

1. Hard copy of 21 days training certificate will be send to correspondence address of all the registered participants by Indian Speed Post.
2. All the lectures (Power point Presentations) will be shared with the participants.
3. A Manual eBook comprising all the lectures will be also shared with the participants.

Mode of Training:

The training will be organized in 4 quadrants i.e.

1. Two lecture per day through video conference.
2. Preparing delivered material that can be downloaded /printed.
3. Self-assessment tests through classroom assignment/tests/quizzes.
4. An online discussion forum for clearing the doubts.

The above cited steps have to be taken to enrich the learning experience by using audio-video and multi-media state of art pedagogy/technology. In order to ensure that best quality content lecture is delivered, Course Director and his Coordinators will monitor the whole training course.

Chief Patron

Dr. Pankaj Tewary, Hon'ble Director, Central Sericultural Research & Training Institute
Central Silk Board, Ministry of Textiles Govt. of India, Mysuru Karnataka

Patrons

Dr. B. K. Dwivedi, Director, Bioved Research Institute of Agriculture, Technology & Sciences, Prayagraj
Dr. C. Ganeche, Chairman, Pondicherry Institute of Agricultural Sciences, Pondicherry

Organizing Chairman

Dr N. Sakthivel, Scientist-D, Regional Sericultural Research Station, Central Silk Board, Government of India, Salem, Tamil Nadu

Organizing Director

Dr. Chhatarpal Singh, President, AEDS, U.P. (INDIA)

Course Director

Md. Nadeem Akhtar, BAU, Sabour, Bhagalpur, Bihar

Training Course Coordinators

Dr. Gireesh Chand, Professor (Plant Pathology), CAU, Imphal
Dr. G. Mariappan, Agriculture Department, Tamil Nadu
Dr. Amit Singh Charak, Sr. Scientist, SKUAST, Jammu
Dr. G N Jha, SKUAST, Jammu, Jammu & Kashmir

Course Conveners

- Dr. Manashi Purkayastha, Assam Agricultural University, Jorhat, Assam
Dr. Ramjibhai Govindbhai Parmar, Anand Agricultural University, Anand, Gujarat
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Dr. Harpreet Singh, L.L.R Uni. of Veterinary & Animal Science, Haryana
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Dr. Anjum Ahmad, BTC College of Agriculture & Research Station, Chhattisgarh
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Course Co-Conveners

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Organizing Committee

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Email : aeds2020@gmail.com



Glimpses of Agriculture Sectors for Aatmanirbhar Bharat