

डॉ० जी. वेन्कटेश्वरु
सहायक महानिदेशक (मानव संसाधन विकास)

Dr. G. Venkateshwarlu
Asstt. Director General (HRD)



कृषि शिक्षा विभाग
भारतीय कृषि अनुसंधान परिषद्
कृषि अनुसंधान भवन- II, पूसा, नई दिल्ली 110 012
AGRIL. EDUCATION DIVISION
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
KRISHI ANUSANDHAN BHAVAN-II, PUSA, NEW DELHI 110 012

F.No. Edn. 5/123/2018-HRD
Dated 24th December, 2018

To

All the Vice Chancellor of Agriculture University (AUs-comprising of SAUs/CAU/ICAR DUs/CUs having faculty of Agriculture)

All the Directors of ICAR Institutes

Subject: *Organization of Summer/Winter School and Short Courses - Inviting Proposals for the year 2019-20*

Sir/Madam,

As the HRD initiative, the Council supports the organization of Summer/Winter School and Short Courses in different disciplines of agriculture and allied science in Agriculture Universities (AUs) and ICAR Institutes. The main objective of Summer/Winter School and Short Courses is to provide an opportunity to teachers, research workers and specialists working in AUs and ICAR Institutes to update their Knowledge and skills in order to keep abreast with the latest developments in the specialized/emerging areas of agricultural and allied science. These Summer/Winter School and Short Courses also cover specialized new techniques, research methodology and teaching methods and materials.

For the conduct of Summer/Winter School and Short Courses, availability of expertise, good laboratory/experimental facilities, adequate number of senior faculty members and research base in the concerned field is necessary. Accordingly, proposals are invited on sharply focused topic of inter- disciplinary within the board disciplinary framework. A suggestive list of topic that may receive priority consideration is annexed.

Applicants from ICAR and AU-System need to send their proposals online through CBP Vortal of ICAR Accessible on any of following links:

- i. <http://cbp.icar.gov.in>
- ii. 'Capacity Building Program' link available on ICAR portal <http://www.icar.gov.in>

To submit proposals, strictly follow the link 'Guidelines for CAFT, Summer/Winter School and Short Courses' given at the homepage of the CBP Vortal. The last date of submitting the proposal online is **23rd January, 2018.**

Further, applicants need to download signed and approved copy of proposal submitted online on the CBP Vortal and send by post (in duplicate) to the undersigned so as to reach this office latest by **31st January, 2018.**

You are requested not to recommend more than four proposals from your organization.

For consideration of the proposals, please ensure that the statement of expenditure (ICAR Institute)/Audit Utilization (AUs) of all the previous such training programmes conducted by your organization have been submitted to the ICAR.

Yours faithfully,

(G. Venkateshwarlu)

Proforma for submitting proposal (5 copies) for organization of Summer/Winter School and Short Courses in frontier and specialized areas of agriculture and allied sciences (2019-20)

1. Topic of Summer/Winter School and Short Course.
2. Serial number of suggestive topic/subject area in which the topic falls:
3. Venue with full postal/e-mail address and office phone/fax numbers:
4. Tentative dates (From – to):
5. Eligibility qualification for the participants of the Training programme
 - i) Master's Degree and
 - ii) Working not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural University/I.C.A.R. Institute.
6. Information regarding proposed Director of Summer/Winter School and Short Courses, (enclose bio-data clearly bringing out the specific qualification, experience and scientific contribution of the Course Coordinator in the proposed topic):
7. Faculty strength in Department (Assistant Professor, Associate Professor and equivalent):
8. Information regarding other academic staff of the host Institute who are likely to be used as resource persons:
9. Specific facilities available for conducting the Summer/Winter School and Short Courses such as laboratory equipments/instruments, research farm, library, classroom guesthouse etc.:
11. Programmes/Projects and achievements in the area of special topic proposed for Summer/Winter School and Short Courses:
12. **Schedule of daily lectures/practical topics to be covered and name of the faculty proposed to be engaged during the SWS/Short Course:**

Sl.No.	Date/Day	Topic of lecture/Practical	Name & Designation Of Speaker

13. Name of the Summer/Winter School and Short Courses organized, if any during the last three years, Whether UC/AUC was sent:
14. Signature of the Director of the Summer/Winter School and Short Courses (With Official Seal):
15. Remark and recommendation by the head of the host institution for organization of the Summer/Winter School and Short Courses:
16. Signature of the Head of the Institution (With Official Seal):

डॉ० एम० बी० चेट्टी
सहायक महानिदेशक (मानव संसाधन विकास)
Dr. M.B.Chetti
Assistant Director General (HRD)



(कृषि शिक्षा विभाग)
भारतीय कृषि अनुसंधान परिषद
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OFFICE MEMORANDUM

Sub: - Revised Rates/financial norms for the conduct of ICAR's Summer/Winter Schools and Short Courses.

In supersession of all earlier orders of this office on the above subject, the matter has been further considered by the ICAR and the following are the approved revised Rates/financial norms for the conduct of ICAR's Summer/Winter Schools and Short Courses.

These rates functional norms will be be applicable with immediate effect to the summer/winter Schools & short courses which are yet to be conducted and subject to approval ratification by Governing Body of ICAR.

Sl. No.	Head	Existing rates	Recommended rates
1	Boarding and Lodging: Facilities for wholesome meals and refreshments to made available by the Institutional Head in keeping with local conditions. Local Participants are not eligible for boarding and lodging, however, local hospitality i.e. working lunch, tea, etc. To be provided subject to al limit of Rs. 100/- per participants per day, Participants are to be provided accommodation, free of cost, in the institutional Guest House/hostel	21 days: Rs. 1,05,000/- 10 days: Rs. 50,000/- @ Rs. 200/- per participant per day	21 days: Rs. 2,62,500/- 10 days: Rs. 1,25,000/- @ Rs. 500/- per participant per day
2	Travel: The participants will be paid for the journey, to and fro, restricted to AC-II tier train fare or bus or any other means transport in vogue, as the case may be, Actual certificate by the participants. TA may be paid from the place of duty to the summer/Winter School/short Course location and back by the shortest route.	21 days: Rs. 90,000/- 10 days: Rs. 90,000/- (As per actuals)	21 days: Rs. 1,50,000/- 10 days: Rs. 1,50,000/- (As per actuals)
3	Office supplies, laboratory equipment, chemicals, communication charges, laboratory overheads etc.	21 days: Rs. 90,000/- 10 days: Rs. 30,000/-	21 days: Rs. 1,00,000/- 10 days: Rs. 40,000/-

[Signature]

4	Honorarium to Secretarial / Clerical / Technical / Laboratory staff, Class IV (maximum 8 persons)	Rs. 4,000/- @ Rs. 500/- per person	Rs. 8,000/- @ Rs. 1,000/- per person
5	Honorarium to Academic Staff Honorarium for Course Director, Core Academic Staff (four additional staff), other lecturers with maximum of two lectures per person.	21 days and 10 days: Total Rs. 16,000/- (Director: Rs. 2500/- Core Staff: Rs. 1500/- Per Lecture: Rs. 500/-)	21 days and 10 days: Total Rs. 16,000/- (Director: Rs. 2500/- Core Staff: Rs. 1500/- Per Lecture: Rs. 500/-) (No Change)
6	Honorarium and TA/DA for Guest Lectures (not more than four) with travel as per their entitled class, including honorarium per lecture with maximum of two lectures per person.	21 days: Rs. 60,000/- (Rs. 500/- per lecture)	21 days: Rs. 1,00,000/- (Rs. 1,000/- per lecture)
7	Miscellaneous and contingencies	21 days: Rs. 10,000/- 10 days: Rs. 5,000/-	21 days: Rs. 20,000/- 10 days: Rs. 10,000/-

The revised rates/financial norms will also be applicable to training courses conducted under **CAS/Center of Advanced Faculty Training** other ICAR sponsored training courses for similar duration which are yet to be conducted from the date of effect of these rates. The other conditions for conduct of the course are given below.

1. Duration and number of participants are to be taken into the account while giving individual financial sanction to each Summer/Winter School and Short Course. i.e. if duration and number of participants are reduced, proportionate amount is to be deducted from all financial items indicated above.
2. It is mandatory to provide lecture notes and practical manual, as the case may be, to the participants, at the beginning of the course.
3. Copies of lectures of Summer/Winter School should be placed on the Institution website and also distributed to the Library/Agricultural Universities/ICAR Institutes on a CD by the Director of the Summer/Winter School.
4. Summer/Winter School should have at least 15 participants (minimum) or 50% of the maximum number fixed per Summer/Winter School.
5. Academic staff members are to be involved closely in the lectures, discussions and laboratory work. Supporting staff for laboratory work may be drawn from the research scholars, technical staff etc. Honorarium is payable to the Academic and other staff from ICAR organizations also.
6. Number of local participants should not exceed 10% of the total number of participants.


(M.B. Chetty)

Assistant Director General HRD

Incharge, ARIC, DKMB,
✓ Copy for uploading on the website of ICAR

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EDUCATION DIVISION, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, NEW DELHI
SUGGESTIVE LIST OF TOPIC FOR ICAR's SUMMER/WINTER SCHOOL AND SHORT COURSE FOR THE YEAR 2019-20

S.No	Topic/Subject Area	S.No	Topic/Subject Area
1.	Advances in Micro-irrigation for improving water use efficiency and productivity	34.	Molecular mapping of genomes and genes/QTL
2.	Advances in molecular epidemiology	35.	Nano-technology and plant disease management
3.	Agri-business and market intelligence	36.	Pest risk analysis research as support to domestic quarantine system
4.	Advances in fish health management for enhancing fish productivity	37.	Phenotyping and Phonemics in Agriculture
5.	Agroforestry options for livelihood and diversification	38.	Physiological approaches to phytoremediation: advances, impact and prospects
6.	Approaches for doubling Farmer's income	39.	Power generation from New and Renewable Energy sources
7.	New Extension Education ARYA, Farmers FIRST & MGMT	40.	Processing value addition and waste utilization technologies for natural fibres
8.	Antimicrobial resistance to antibiotics in animals and its impact on human health	41.	Recent development in conservation technology in Animal Genetic Resources
9.	Bio processing/food processing / packaging/product marketing	42.	Recent developments in organic production systems
10.	Bio-fortification of staple food crops	43.	Recent developments in climate change and watershed hydrology
11.	Culturing techniques for bio-fertilizers and bio-pesticides	44.	Secondary Agriculture
12.	Conservation of indigenous breeds in their respective tracts	45.	Stem cell technologies for clinical application
13.	Climate change adaptation and mitigation strategies through agroforestry system	46.	CAD & CAM for designing of agricultural machinery
14.	Communication and management skills for extensional professionals	47.	Precision Agriculture
15.	Emergence of new disease in globalized world	48.	Agricultural Education, Entrepreneurship and skill development
16.	Enhancing water productivity in scarcity zones	49.	Agricultural statistical tools and measures
17.	Entrepreneurship development through agro-processing centers	50.	Bio-safety, bio security and intellectual property rights related to PGR
18.	Environmental pollutants & food quality standards	51.	Proteomics in Crop Plants
19.	Exploitation of underutilized vegetables/fruits	52.	Handling Next generation Sequencing Based Transcriptome and Genome data of plants
20.	Farmers empowerment and entrepreneurial development	53.	Biotechnological and conventional tools for biotic and abiotic stress management in sugarcane
21.	Gender mainstreaming and gender budgeting	54.	Allele mining and bioinformatics in fisheries for trait improvement and conservation
22.	HACCP, value addition & quality standard in fish products	55.	Bio-active compounds from Marine organisms: A wealth of novelties and opportunities
23.	Increasing fish production through reservoir fisheries and cage-culture	56.	GIS and remote sensing
24.	Impact of climate change on production of livestock and poultry	57.	Recent advances in inland and marine fisheries culture and capture technologies
25.	Spatial Decision support systems for Watershed Management	58.	Health foods
26.	Innovations in educational technology	59.	Minimizing Post-Harvest Crop losses
27.	ICT in Agriculture	60.	Advance in Renewable Energy Sources
28.	Renewable Energy for Environmental Protection and Energy Conservation	61.	Present State Art technology for processing, Value addition
29.	Technological advances to minimize post-harvest losses and generate wealth out of waste in fisheries	62.	Digital solutions for enhancing agriculture output
30.	Methods and techniques for testing and evaluation of safety of food and agricultural products for human consumptions	63.	Artificial intelligence and machine learning
31.	Insecticide resistance management strategies	64.	Big data Analyses
32.	Machinery for conservation agriculture and crop residue management.	65.	Smart Agriculture & way forward
33.	Molecular approaches in disease diagnostics and vaccines	66.	Conversation Agriculture and Specialty Agriculture

*Note: Proposals can also be submitted on other contemporary/ upcoming/ cutting edge technologies.