



उ०प्र० कृषि अनुसंधान परिषद
U.P. COUNCIL OF AGRICULTURAL RESEARCH
अष्टम् तल, किसान मंडी भवन, विभूति खंड, गोमतीनगर, लखनऊ-226010
8th Floor, Kisan Mandi Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010
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Advt. No.: 02/2019

Synopsis for research proposals are invited, to be funded by council, from competent scientists of research organizations situated in Uttar Pradesh in the identified priority areas of agriculture and allied disciplines. The last date of receipt of synopsis is July 09, 2019.

Identified priorities

A. Crop Improvement

1. Development and identification of barley and oats genotype(s) suitable for multiple uses.
2. Collection, evaluation and identification of improved genotype(s) of minor and coarse millets.
3. Development of terminal heat tolerant genotypes in wheat.
4. Genetic amelioration of chickpea for resistance to dry root-rot and *Fusarium* wilt.
5. Screening of indigenous and modern wheat and rice varieties for organic cultivation.
6. Development of pointed gourd clone/genotype(s) for longer shelf life and processing.
7. Development of annual moringa genotype(s) for food, fodder and value addition.
8. Identification of sugarcane genotype(s) suitable for bio-ethanol production and recovery in first and second generation.

B. Natural Resource Management

9. Assessment of micro-irrigation systems in agricultural and horticultural crops.
10. Agriculture / industrial waste management.
11. Identification of microbial inoculants for bio-fortification of Zn and Fe in cereals.

C. Horticulture

12. Collection, characterization and conservation of mahua and chiraunji germplasms as field gene bank.
13. Development and validation of export protocol in okra, chilli, vegetable pea, bitter gourd and potato.
14. Identification of suitable varieties/hybrids and development of production protocol for river bed cultivation of vegetables.

D. Crop Protection

15. Mapping and management of Panama wilt in banana.
16. Evaluation of bioformulations for management of wilt (*Fusarium*) in pulses.

E. Animal Husbandry and Dairy

17. Conservation, documentation and utilization of local non-descript livestock breeds.
18. Diagnosis and management of antihelminthics resistance in livestock.
19. Development of testing kit for Japanese encephalitis in swine (resoviot) to prevent disease transmission.

F. Fisheries

20. Development / identification of suitable model of fish cultivation for sodic land.

G. Post Harvest Management and Value Addition

21. Potato based new healthy products development for diversified uses.

Conditions

1. All the experiments/projects have to be conducted in the area jurisdiction of Uttar Pradesh. whereas, for collection of germplasms/use of proven technologies/off-season generation advancement any territory may be considered.

2. Synopsis must be submitted through proper channel in 10 hard copies as well as through e-mail at snupcar@gmail.com latest by 09 July, 2019. Synopsis received after due date will not be entertained.
3. Synopsis submitted by PI, if approved, will be communicated to submit detailed project. The detailed project shall have to be submitted by Principal Investigator within one month after the receipt of approval of synopsis.
4. The duration of the project will be for three years extendable by another two years in special and unavoidable circumstances. Maximum cost of the project will not exceed Rs. 25.00 lakh.
5. The priority area should be clearly mentioned on the cover page of synopsis.
6. The Council reserves its right to accept or reject any project or part of the project without assigning any reason.
7. All disputes will be subject to Lucknow jurisdiction only.
8. In case of any dispute regarding interpretation of any clause, the decision of Director General, UPCAR will be final.
9. Correspondence for all the matters related to project shall be made to Director General, U.P. Council of Agricultural Research (UPCAR), 8th Floor, Kisan Mandi Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226 010.

Format for preparation of project synopsis

Information on proposed project proposal

Priority Area (as per advertisement).....

Project title.....

Name and Address of the Institute.....

Information about proposed Principal Investigator and Co-P.I. (Name, Designation, Field of specialization, e-mail, mobile no.).....

Strength in relation to proposed work

a. Strength of Principal Investigator.....

b. Strength of Univ./Institute/Department.....

Justification.....

Objectives (very specific and well defined).....

Relevance in context of U.P......

Project duration (in years)

Technical programme proposed to fulfill the objectives

Estimated project cost (₹)

S. N.	Heads	I st Year	II nd Year	III rd Year	Total
1.	Project Assistant /SRF (as per ICAR norms)				
2.	Recurring contingency				
3.	Non Recurring contingency*				
4.	Institutional charges @ 5% of 1+2+3				
5.	Total for Instt. /Uni.				
6.	Institutional charges for UPCAR @ 5% of 1+2+3				
7.	Grand Total				

*Very specific in special case

Expected output (in points) relevant to context of farming community of state

- 1.
- 2.
- 3.
- 4.

Expected outcome/impact (in points)

- 1.....
- 2.....
- 3.....
- 4.....

Indicators of achievements (in points)

- 1.
- 2.
- 3.
- 4.

Facilities available at the Institute/University related to the relevant project proposed should be mentioned clearly.....

Undertaking

- 1. The research work proposed in the scheme does not in any way duplicacy the research work already done and/or being carried out elsewhere on the subject.
- 2. The present scheme cannot be combined with any scheme financed by any other sources.

Date.....

Signature of P.I.

Place.....

Signature of Co-P.I.

Signature of Co-P.I.

Signature with seal of forwarding authority/Head of Institution

- Note:**
- 1. The project synopsis should not be more than 5 pages (excluding CV). If synopsis is more than 5 pages then it will not be considered (synopsis should be 1.15 spaces, 12 font size in Times New Roman).
 - 2. CV of P.I. as per annexure.

CV including employment record, salient research achievements and justification to be PI. CV must include the following:-

i. Academic qualifications

Name of certificate/degree (with subject)	Passing Year	University/Institute	% or OGPA of Marks	Any special academic achievement
High School				
Intermediate				
Graduation				
Post- Graduation				
Ph. D.				
ARS/NET				
others				

ii. Professional experience

iii. Outside funded project handled by PI: please mention total budget, duration, name of funding agency, salient outcomes.

iv. UPCAR funded project handled by the PI: please mention total budget, duration, salient outcomes.

v. List three best papers published in referred journals where the PI is first author.

vi. Any other thing which PI may like to mention to make his case stronger.