



HARYANA STATE HIGHER EDUCATION COUNCIL

No.:-3/52-2021 Adv./HSHEC

Dated:- 28.08.2023

To

The Vice Chancellors

1. State funded Universities in Haryana
2. Private Universities in Haryana

Sub.:- Institution of CM's fellowships in science, technology, social sciences, humanities and in problem solving researches

Respected Vice Chancellors

Namaste

Greetings from Haryana State Higher Education Council

Haryana Govt. has approved a proposal to encourage research for Atmanirbhar Bharat in keeping with the spirit of National Education Policy-2020. The project named as subject cited above will focus on various areas which interalia include:-

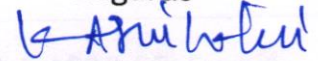
1. Finding solutions to the contemporary problems being faced by various systems including Agriculture, Industry, Social System, Economy and Technology etc.
2. To create authentic databases for policy formulations and implementations
3. To explore areas of growth for creating more livelihood options for the youth of Haryana
4. Research in the emerging areas of science, technology and applications of science and technology

Forty seven topics have been identified through consultative meetings for the present. An amount varying from Rs. 75,000 to 1,00,000 depending upon the size/scope of each project would be available on the recommendations from Experts. To this sponsoring institution would also rope in 25% matching share through CSR.

A copy each of detailed guidelines and the format on which research project/s are to be submitted are enclosed. These are also being uploaded on Council website <https://hshec.org/>.

It is requested that these guidelines may kindly be shared with the faculty in the campus as also the colleges affiliated with the respective universities for wider publicity and submission of projects for consideration/approval.

Regards



K.K. Agnihotri

Advisor, HSHEC

Dated:- 28.08.2023

Endst. No.:-Even

A copy is forwarded to the following:-

1. Sr. Secy./ APSCM for kind information of APSCM and Hon'ble CM Haryana, Chandigarh
2. Sr. Secy./HEM for kind information of Hon'ble Higher Education Minister Haryana, Chandigarh
3. PS/ACSHE for kind information of Additional Chief Secretary to Govt. Haryana Higher Education Department, Chandigarh
4. PS/VCP for kind information of Vice Chairperson, HSHEC
5. Director General, Information, Public Relations & Languages, Haryana with a request for giving it wider publicity
6. Director Higher Education Haryana, Panchkula
7. For internal circulation



K.K. Agnihotri

Advisor, HSHEC

HARYANA STATE HIGHER EDUCATION COUNCIL

-GUIDELINES

CM's Research Fellowship For Science, Technology, Social Science, Humanities, & Problem Solving Research

Background: National Education Policy 2020 has duly emphasized upon research as a critical area for growth and sustenance of vibrant economy, uplifting society, and continuously inspiring a nation to achieve even greater heights. A robust ecosystem of research is more important than ever with the rapid changes occurring in the world today. In order to promote research ecosystem in higher educational institutions in Haryana, the Council proposes to fund the research projects which would mainly focus on:

- a) Finding solutions to the contemporary problems being faced by various systems including Agriculture, Industry, Social System, Economy and Technology, etc.
- b) To create authentic databases for policy formulations and implementations.
- c) To explore areas of growth for creating more livelihood options for the youth of Haryana.
- d) Research in the emerging areas of science, technology and applications of science and technology.

I) INTRODUCTION

Haryana State Council of Higher Education, through Higher Educational Institutions (HEIs) strives to promote applied-cum-socially relevant research in emerging areas in Humanities, Social Sciences, Languages, Literature, Basic Sciences, Engineering & Technology, Agricultural Sciences etc. Themes and topics such as educational issues, health issues, social behavioral issues, environmental issues, biotechnological issues, managerial issues, global economy and its impact on the state, history of Indian science, Indian philosophy and many other areas will be identified. subject matter expert. There are subjects such as Defense and Strategic Studies which include national security matters, insurance and banking, economics and world trade, which are multidisciplinary in nature in the true sense, cutting across the disciplines of science, humanities and social sciences, and have a significant are areas. Rapidly changing global scenario. There is a need to study and research these and related topics in a more organized manner. The institutionalization of such activities is the need of the hour in the State of Haryana by the HEIs.

II) OBJECTIVES

The universities and colleges have to be developed as leading centers of research. Although the government has a network of science and technology laboratories for research and development, the major base of researchers in science and technology remains with universities and colleges. Therefore, there is a need to support university and college teachers to meet their needs for individual research in specific socially relevant areas. To promote excellence in research in higher education by supporting the research projects of university and college teachers in various disciplines in the State of Haryana.

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III) ELIGIBILITY/TARGET GROUPS

Teachers working in government aided and self-financing state universities and colleges or retired are eligible under this scheme. A teacher, working or retired can avail only one project/ scheme of the State Council at any given time. The one, which is offered and accepted first irrespective of Principal Investigator/Co- Investigator, must be completed before the other offer is accepted.

IV) TYPES OF FINANCIAL ASSISTANCE INCLUDING RECURRING AND NON-RECURRING

The quantum of financial assistance for a research project will be decided by the panel of experts on the merit of the proposal, hence, there is no fixed quantum of assistance. However, the Council will consider financial support for the items like Equipment, Books and Journals, Project Fellow, Hiring Services, Contingency, Chemicals and Consumables, Travel and fieldwork, etc. on the specific recommendations of the panel of experts. The TA/DA, HRA and other allowances to research team will be admissible as per State Government rules, applicable from time to time. The over all ceiling for each project may vary from Rs. 75,000 to 1 Lakh to which sponsoring authority may also contribute 25% by roping in resources through CSR/ other organisations.

V) PROCEDURES FOR APPLICATION INCLUDING SCRUTINY METHODS

All eligible permanent teachers may submit their proposals cum applications in the prescribed proforma available on the Council website. Before submitting to the Council the concerned institute should get the proposal assessed by their well-established research bodies with a certificate that the proposed research work is in conformity with the Council guidelines. The two copies of the same duly forwarded by the Registrar/Principal of the concerned University/College/Institution should be brought at the time of interaction with the panel of experts, however, one copy should be sent as advance copy to the Council Office.

VI) PROCEDURE FOR APPROVAL OF ASSISTANCE

The proposals received duly forwarded by the concerned Universities/Colleges will be assessed with the help of a subject expert committee constituted by the Council. The Principal Investigators whose proposals found complete in all respect will be invited for making presentations before the Committee. The TA/DA would be paid to the participants as per State Government rules. The final decision will be taken by the Council on the basis of recommendations made by the Committee and the availability of funds under the scheme.

VII) PROCEDURE FOR RELEASE OF FINANCIAL ASSISTANCE

The first instalment of the grant shall comprise of 50% of the Non- Recurring including Over Head Charges, and 50% of the total Recurring grant approved by the Council for the total duration of the project. The grant will be released to the Registrar/Principal of the University/College who will closely supervise/monitor the expenditure in judicious manner. The amount released may be spent according to the approved heads/items within the approved allocation mentioned insanction letter. After one year from the date of implementation of the project the Council will organize mid-term evaluation interface meeting wherein Principal Investigator will present the progress of the project before the subjects' experts. On the basis of recommendations of the experts, progress report, expenditure statement and utilization certificate, the Council will release the 50% balance of the total recurring grant as the second instalment.

VIII) THE OUTCOME-BASED MONITORING PROCESS

After the completion of project tenure as per the Council offer letter, the parent institution of the Principal Investigator should arrange to make the final assessment/evaluation of the project minimum by two expert members not belonging to their institution duly nominated by Registrar/Principal. Then institution should forward the completion documents along with the expert committee report in the prescribed proforma notified by the Council. The publication of research papers in reputed journals would be appreciated by the Council as expected outcome in this regard, however, the final project report will be submitted by the Principal Investigator in Council's Office within three months of the completion of the project.

IX) PROCEDURE FOR UTILIZATION FINANCIAL ASSISTANCE

The Principal Investigator, through the institution concerned, will submit the final utilization certificate (along with the project report) duly signed by the Principal Investigator, Registrar/Principal and the Chartered Accountant.

X) TEMPLATES OF FORMATS FOR RESEARCHERS

The Council will devise, from time to time, the templates of various proformas or formats for the ready reference of the Principal Investigator and research team.

XI) MISCELLANEOUS PROVISIONS

Principal Investigator on approval from the Council may publish the results of the study on the project acknowledging the contribution made by the staff appointed for the project and the support received from the Council. Project Fellow engaged in the project may enroll for Ph.D. The data generated and the results obtained out of the Project may be incorporated by the Project Fellow in his/her thesis with the concurrence of the Principal Investigator. If a Principal Investigator fails to complete the project, he/she has to refund the entire amount sanctioned with interest. No extension in tenure of the project is permissible in any circumstances. Project so awarded by the Council is not transferable in any case.

Research Topics
for CM's Research Fellowship
for Science, Technology, Social Science, Humanities,
& Problem Solving Research

1. Finding solutions to the contemporary problems being faced by various systems including Agriculture, Industry, Social system, Economy & Technology, etc.
2. To create authentic databases for policy formulations and implementations.
3. To explore areas of growth for creating more livelihood options for the youth of Haryana.
4. Research in the emerging areas of science, technology, and applications of science & technology.
5. Solid Waste Management System in Haryana and its impact
6. Study of the mechanism followed for Solid Waste Management in University/ Colleges of State.
7. Strategic Management of Innovation and Technology in Haryana.
8. Changing Approach of Farmers Towards Agricultural.
9. Commodities Market in Haryana.
10. Natural Resources Management & Sustainable Development in Haryana.
11. Social and family entrepreneurship in Haryana.
12. Corporate social responsibility, ethics and accountability in Haryana.
13. A Study of Fear and Emotional Appeal in Print and Electronic Advertisements in Haryana.

14. Changing pattern of demand for E-banking services in digitalization process.
15. Implication of ICT on business education in Haryana.
16. A Study of Application of HR Score Card in Government Organizations in Haryana.
17. Analysis of Marketing Potential of Agro-Equipment in Haryana.
18. A Comparative Study of Financial Literacy and Financial.
19. Need of Unbanked and Under Banked Population in Haryana.
20. Kisan Credit Card - Role, Application and Utility in Haryana.
21. A Study of Role ICT in Educational Institution in Haryana.
22. Effect of population growth on economic growth.
23. India economy functioning with the current banking operations.
24. Irrigation access to vulnerable farmers in Haryana.
25. Survey for identifying socio-economic and technological barriers to vulnerable farmers in Haryana.
26. Studying Interest versus Course opted by students in Haryana, factors affecting the decision making.
27. Integrating Urban Architecture for Jal, Vayu, Vidyut, Dharti Conservation.
28. Re-designing public buildings in Haryana as per the local weather/ climate.
29. Re-imaging of vocational/ skill education in Schooling.
30. Community Partnerships in Improving Educational Opportunities and Outcomes.
31. Studying the academic and socio-economic profiles of students getting job from the Campus Placement Drives.

32. Identifying skills for wholesale manufacturing of FMCG and electrical components.
33. Early declaration of Crop Deterioration in Haryana State using Thermal Imaging through aerial scanning.
34. Eco-friendly substitute for Single Use Plastic (SUPs) opportunities for Rural Entrepreneurship.
35. Energy harvesting from ambient light to charge nodes for Wireless sensor networks.
36. Rural tourism (practice, research, and advancement) creating a visual identity for the state of Haryana.
37. Communication design for promotion of state tourism.
38. Research based on agro implements and tools/ agricultural practices/ value added products from Agri waste.
39. AI and immersive technology to aid assist and promote highway experience.
40. AI and integrative technology to prevent animal vehicle accidents on highways.
41. District-wise Mapping and Tapping of local products of Haryana.
42. Economic evaluation of factors for making Haryana Atmanirbhar.
43. Crop diversification.
44. Prediction on employability in specific fields.
45. Evaluating problems faced in adoption of e-commerce services.
46. Suggesting new business avenues through e-commerce.
47. Developing a rural-oriented e-commerce platform.

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HARYANA STATE HIGHER EDUCATION COUNCIL

APPLICATION FORM FOR RESEARCH PROPOSAL FOR FUNDING UNDER THE FUNDING SCHEME FOR RESEARCH PROJECTS

PART I: GENERAL INFORMATION

1. Name of the Institute/University/Organization submitting the Project Proposal:.....
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.....
.....
2. District:
3. Status of the Institute Govt Funded/SFS:
4. Name and designation of the Executive Authority of the Institute/University forwarding the application:
5. Project Title :.....
.....
.....
.....
6. Project Duration: Years..... Months
7. Total Cost (Rs.) (25 % to be financed through CSR route)
8. The Project Proposal: (Attach the brief Synopsis of the Research Project as Annexure-I with this application but not more than 10-12 pages)
9. Scope and Applications of the Project: (Attach as Annexure-II with this application but not more than 200 words)

10. Social Relevance of the Project to State: (Attach as Annexure-III with this application but not more than 100 words)

PART II: PARTICULARS OF RESEARCH INVESTIGATORS

(One or more co-investigators are preferred in every project)

Principal Investigator:

11. Name:
Date of Birth:
Sex (M/F):
Designation:
Department:
Institute/University:
Address:.....
.....
.....
PIN:.....Telephone:.....Fax:.....
E-mail:
Number of research projects being handled at present:.....

Co-Principal Investigator:

12. Name:
Date of Birth:
Sex (M/F):
Designation:
Department:
Institute/University:
Address:.....
.....
.....
PIN:.....Telephone:.....Fax:.....
E-mail:
Number of research projects being handled at present:.....

Note: Use separate page, if more investigators are involved



PART III: PROJECT BUDGET PARTICULARS

13. Details of the Project Cost in INR: To be filled in the Table with justification

Sr. No.	Item of Expenditure	Proposed Expenditure	Justification, if any
1.	Books and Journals		
2.	Equipments		
3.	Field Work/Travel		
4.	Hiring Services		
5.	Contingency		
6.	Overhead		
7.	Any other items (Please specify)		
	Total		

(The details may be attached as Annexure-IV with this application)

PART VI: FOR BIOGRAPHICAL SKETCH OF INVESTIGATORS

14. Provide the information about the Research Team but not more than three page each: (Attach as Annexure-V with this application)

PART V: DECLARATION/CERTIFICATION

15. It is certified that:

- (i) The research work proposed in the scheme/project entitled "....." does not in

any way duplicate the work already done or being carried out elsewhere on the subject.

- (ii) The same project proposal has not been submitted to any other agency for financial support.
- (iii) The emoluments proposed for the manpower are as admissible to persons of corresponding status employed in the institute/university or as per the Government/University guidelines.
- (iv) Necessary provision for the scheme/project will be made in the Institute/ University/ Organization budget as per the requirements under CSR if the project is sanctioned.
- (v) If the project involves field trials/experiments/exchange of specimens, etc. we will ensure that ethical clearances would be taken from concerned ethical Committees/ competent authorities.
- (vi) If the Project requires any statutory permission(s) for any authority to carry out the project, the same would be obtained.
- (vii) The institute/university agrees that the equipment, other basic facilities and such other administrative facilities as per terms and conditions of the grant will be extended to investigator(s) throughout the duration of the project.
- (viii) The Principal Investigator(s) involved in the project has sufficient service duration to carry out the project. In case his tenure gets expire before completion of project necessary provision would be made to allow him to complete the project for its logical conclusion.
- (ix) The Institute assumes to undertake the financial and other management responsibilities of the project.
- (x) The detailed information given in the Project proposal are true & factual and certified as onbefore the submission.
- (xi) The project proposal is submitted to the Haryana State Higher Education Council, Panchkula (Haryana) for its kind consideration and the decision of the Council will be honoured by our institute in letter and spirit.

(Signature of Principal Investigator)
Institution)

(Signature of Head of the

With Seal

M Date - - - - Place - - - -