

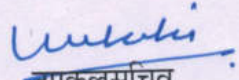


**पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ, सोलापूर
परिपत्रक**

मा. संचालक, सर्व संकुले व मा. प्राचार्य, पुण्यश्लोक अहिल्यादेवी होळकरसोलापूर विद्यापीठाशी संलग्नित महाविद्यालये व मान्यता प्राप्त शिक्षणसंस्था यांना या परिपत्रकाद्वारे कळविण्यात येतेकी, "Breakthrough Research (Outstanding Research) " या योजनेतर्गत विविध विद्याशाखेतील शिक्षकांनासंशोधनामध्ये उत्तेजन मिळण्याकरिता विद्यापीठाकडून उपक्रम राबविण्यात येत असून याकरिताप्रस्ताव मागविण्यात येत आहेत. शिक्षकांकडून प्राप्त झालेल्या संशोधन प्रस्तावांच्या छाननी, बहिःस्थ तज्ञांकडून मूल्यमापन व अंतिम निवडी नंतर विद्यापीठाकडून संशोधनाकरिता आर्थिकसहाय्य देण्यात येणार आहे. तरी" **Breakthrough Research (Outstanding Research)"** ची नियमावली व विहित प्रॉफॉरमा यांची माहिती विद्यापीठाच्या संकेतस्थळावर **Academic, Research & Development** या मथळ्याखाली **Teachers Approval Section (UGC) - II** मध्ये" **Norms Guidelines and Format of Breakthrough Research (Outstanding Research)"** या लिंकवर अद्ययावत केलेली आहे.

सबब, विद्यापीठातील सर्व संकुले / संलग्नित महाविद्यालयातील शिक्षकांचे खालील नमूद केलेल्या कागदपत्रांसह विहित नमून्यातील प्रस्ताव चार प्रतीत **Hard / Soft कॉपीमध्ये Form - I Times Roman Font 12 Microsoft Office Excel** मध्ये संबंधित महाविद्यालयाचे प्राचार्य/संचालक यांच्या मार्फत दि. ०५/०९/२०२३ पर्यंत विद्यापीठाकडे सादर करावेत. तदनंतर प्राप्त झालेले प्रस्ताव स्वीकारले जाणार नाही याची नोंद घ्यावी.

जा.क्र.: पुअहोसोविसो/शि.मा.-२/२०२३-२४/ 5325 }
दिनांक: **21 AUC 2023**


उपकुलसचिव
शैक्षणिक, संशोधन आणि विकास

प्रति,
मा. प्राचार्य/संचालक/संस्थाचालक,
सर्व संकुल व संलग्नित महाविद्यालये व मान्यता प्राप्त शिक्षण संस्था,

प्रस्तावासोबत जोडावयाचे कागदपत्र :-

१. विहित नमून्यातील प्रस्ताव (चार प्रती)
२. विद्यापीठ मान्यता.
३. नेमणूक आदेश.
४. चेंजिस इन स्टाफ



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY , SOLAPUR

Form - I

Details of Research Project of Principal Investigator

Sr. No	Name of Principal Investigator	Designation	Joining Date	Qualifactions	Faculty	Subject	Name of Co-Investigator (s)	Project Title	Teaching Experinece	Research Experience	If any Project is supported by any other funding agency (Yes/No)	Estimated Expenditure	Remarks (for office use only)
1	2	3	4	5	6	7	8	9	10	11	12	12	14

Date :-

Place :-

Principal



**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR
Academic, Research and Development**

Punyashlok Ahilyadevi Holkar Solapur University will provide financial support under **“Breakthrough Research (Outstanding Research)”** for research proposals submitted by the permanent approved teachers of University departments/Schools and its affiliated colleges who are actively engaged in quality research and significantly contributed to his/her area of research. The aim of scheme is to strengthen quality research activity among the university and college teachers.

NORMS AND GUIDELINES

The Hon'ble Vice-Chancellor is pleased to sanction budgetary provision for research projects which will be undertaken by the faculty pursuing research in various areas. The objective to initiate “Breakthrough Research (Outstanding Research) for researchers scheme is to strengthen the research activity especially among the faculty members who have significantly contributed to the area of their research through the publications, grants, patents, etc. and will have an opportunity to apply for the present scheme. Research proposals are invited in the prescribed format (available on website) from the faculty working in the University Departments/Schools and affiliated Colleges. The last date for submission of duly filled application form is **31st August** of every year.

The norms and guidelines of the “Breakthrough Research (Outstanding Research) for Researchers” scheme are given below:

1. The proposal should clearly state the objectives, indicate current national and international status, methodology employed, expected results and outcome of the project along with the budget estimate for two years.

2. The maximum grant available for each project is Rs. 2 lakhs for all faculties. The duration of the project will be for two years.
3. The selection of the projects will be based on peer review and presentation of short-listed proposals by an Expert Committee constituted by the university. Every year **only one** proposal will be sanctioned.
4. The budget estimate should provide the details under different heads such as equipment, consumables/chemicals/reagents/supplies, contingency, travel, books etc. The recurring cost should not exceed 30% of the total grant except chemicals. However, the hiring of services for completion of a specific task of the project is allowed.
5. Faculty currently having project under this scheme will not be eligible to apply. He / She will become eligible only after successful completion of his/her current project.
6. On receipt of approval letters, the Principal Investigator / Department or College should inform the University, about their consent to implement the project and send the Acceptance Certificate (*Annexure-VI*). Acceptance Certificate may be sent within one month from the date of issue of approval letter, otherwise it will be treated that the Principal Investigator (PI) is not willing to implement the project and the approval will be automatically cancelled.
7. Project once approved is not mutually transferable. The transfer of project to the Co-Investigator will be considered by University provided he/she fulfils the eligibility criterion.
8. If the awardee is transferred within the University jurisdiction from his/her original place of work to another Institution, a "No Objection Certificate" should be furnished for the transfer of the project from both the Institutions stating that necessary facilities will be provided by the Institution in which the awardee is transferred for the smooth running of the project.
9. All assets generated out of the fund for the project including equipment, books and journals will become the property of the parent institution on completion of the project. However, in case of transfer of the project, assets (or a part of it) generated out of the funds of concerned project, may be transferred to the Institution under the jurisdiction of Punyashlok Ahilyadevi Holkar Solapur University, Solapur where PI is working at the time of completion of the project on request, with prior approval of the University.
10. (a) Prior approval of the University will not be necessary for publishing the results of the study on the project supported by the University. In all such cases, however, the

investigator should acknowledge the support received from the University in the following wording:

This research work is carried out of the grants received from Punyashlok Ahilyadevi Holkar Solapur University, Solapur under Breakthrough Research grants (Ref. No.-----). The PI is thankful to the funding Institution.

(b) University will have equity in the revenue generated from the patents/copyrights/ technology transfer obtained from the findings of the research under this scheme.

11. After Completion of 1st year, there will be a mid-term project progress review meeting. In this meeting the PI must give a presentation and should prove that the goals set by him/her are met. In satisfactory presentation the remaining fund may be released.

12. (a) A bound copy of the final report of work done on the project in book form along with CD should be submitted to University on completion of the research project within Six Weeks.

(b) A copy of the "Final Report" of the work done may be kept in the Library of the respective department and/or the University/College.

(c) Books, Journals and Equipment will come under 'Non-Recurring Items' and Contingency, Research Personnel, Hiring Services, Chemicals and Consumables, Travel and Field work, Special Needs etc. appear under 'Recurring Items'.

13. The Principal Investigator should submit annual progress report along with the statement of accounts (*Annexure-IV*) and utilization certificate (*Annexure-III*) at the end of financial year for the release of the subsequent grant.

Note: The proposal is liable to be rejected in case any item or column of proforma is left blank or incorrect or the required information is not properly provided.



**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR
Academic, Research and Development**

**GUIDELINES FOR RESEARCH PROPOSAL FOR BREAKTHROUGH RESEARCH
(OUTSTANDING RESEARCH)**

Proposal for Breakthrough Research (Outstanding Research) is to inculcate research culture, to enhance the research quality, application to the society among the College / University Teachers to start or continue their research work in the college / University.

Following are some of the additional guidelines for the proposals sanctioned by Academic, Research and Development, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

- i) For purchase of equipment, following procedure should be followed;
 - (a) Call at least three quotations from suppliers, as per the university and Government Norms.
 - (b) Purchased equipment should be kept in College / Institute during the work and after the completion of work.
 - (c) If the work is in collaboration, the equipment may be kept in any of the collaborating centers in consultation with principals of the colleges or/and Director of the School in the jurisdiction of Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
 - (d) The sanctioned amount shall be transferred to a separate account operated jointly by Principal Investigator and Principal or his nominee. The Principal Investigator will have the right and responsibility for auditing the accounts.
- ii) Duty leaves should be given to Principal Investigator / Co-Investigator as per the requirement of the project work and rules laid down by the University.
- iii) Principal Investigator is allowed to hire a vehicle for field work pertaining to the project work as per University rules.

- iv) The release of funds as a second Installment will depend on quality as well as the performance of work done at first stage.
- v) Principal Investigator is advised to publish his/her work in reputed National/ International Journals indexed by Scopus.
- vi) Parent organization shall not charge any overhead charges.
- vii) The final report of research project should include
 - (a) Technical Report along with conclusions (two hard bound copies and CD) / and published, presented, accepted paper(s)
 - (b) Statement of accounts
 - (c) Utilization certificate

Despite these guidelines, any additional activity which will help in strengthening the research culture in Departments/Colleges/Institutes shall be adopted.



**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**PROJECT EVALUATION CRITERIA
(For Office Use)**

Name of the investigator:

Title of the Project:

Research achievements (last 5 years)

Sr. No.	Academic/Research Activity	Faculty of Sciences and Technology	Faculty of Commerce and Management , Humanities, Interdisciplinary Studies	No.	Total Points
1.	Research Papers in Peer Reviewed or UGC listed Journals				
2.	(a) Research guidance				
	Ph.D.				
	M.Phil./P.G. dissertation				
	(b) Research Projects Completed				
	More than 10 lakhs				
	Less than 10 lakhs				
	(c) Research Projects Ongoing				
	More than 10 lakhs				
	Less than 10 lakhs				
	(d) Consultancy				

3.	(a) Patents				
	International				
	National				
	(b) *Policy Document (Submitted to an International body organization UNO/ UNESCO/World Bank/ International Monetary Fund etc. or Central Government or State Government)				
	International				
	National				
	State				
4.	*Invited lectures/Resource Person/paper presentation in Seminars/Conferences/full paper in Conference Proceeding (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once)				
	International (Abroad)				
	International (within country)				
	National				
	State/University				



Annexure-I

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**FORMAT FOR SUBMISSION OF
PROPOSAL FOR RESEARCH PROJECT FOR BREAKTHROUGH RESEARCH
(OUTSTANDING RESEARCH)**

(Submit in 4 Copies)

PART – A

1. Broad Subject: Faculty:
2. Area of Specialization:
3. Duration:
4. Principal Investigator:

- i) Name:
- ii) Sex: M/F
- iii) Date of Birth:
- iv) Qualification:
- v) Designation:
- vi) Address:

Office	Residence

E-mail address:

Mobile No.:

5. Co – Investigator(s) (If any):

- i) Name:
- ii) Sex: M/F
- iii) Date of Birth:
- iv) Qualification:
- v) Designation:
- vi) Address:

Office	Residence

E-mail address:

Mobile No.:

6. Name of the Institution where the project will be undertaken:

- (i) Department:
- (ii) University/College:

7. Teaching and Research Experience of Principal Investigator

- (i) Teaching experience:
- (ii) Research experience:

8. Details of Research :

Sr. No	Academic/Research Activity	Faculty of Sciences and Technology	Faculty of Commerce and Management , Humanities, Interdisciplinary Studies	No.	Total Points
1.	Research Papers in Peer Reviewed or UGC listed Journals	08 per paper	10 per paper		
2.	(a) Research guidance				
	Ph.D.	10 per degree awarded	10 per degree awarded		
		05 per thesis submitted	05 per thesis submitted		
	M.Phil./P.G. dissertation	02 per degree awarded	02 per degree awarded		

	(b) Research Projects Completed				
	More than 10 lakhs	10	10		
	Less than 10 lakhs	05	05		
	(c) Research Projects Ongoing				
	More than 10 lakhs	05	05		
	Less than 10 lakhs	02	02		
	(d) Consultancy	03	03		
3.	(a) Patents				
	International	10	10		
	National	07	07		
	(b) *Policy Document (Submitted to an International body organization like UNO/UNESCO /World Bank/International Monetary Fund etc. or Central Government or State Government)				
	International	10	10		
	National	07	07		
	State	04	04		
4.	*Invited lectures/Resource Person/paper presentation in Seminars/Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full a per in Conference Proceedings will be counted only once				
	International (Abroad)	07	07		
	International (within country)	05	05		
	National	03	03		
	State/University	02	02		

The Research Score for research papers would be augmented as follows:

Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list):

- | | | |
|------|--|-------------|
| i) | Paper in refereed journals without impact factor | - 5 Points |
| ii) | Paper with impact factor less than 1 | - 10 Points |
| iii) | Paper with impact factor between 1 and 2 | - 15 Points |
| iv) | Paper with impact factor between 2 and 5 | - 20 Points |
| v) | Paper with impact factor between 5 and 10 | - 25 Points |
| vi) | Paper with impact factor >10 | -30 Points |
- a) Two authors: 70% of total value of publication for each author.
b) More than two authors: 70% of total value of the publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joining authors.

Joint Projects : Principal Investigator and Co-Investigator would get 50% each.

Note :

- Paper presented if part of edited book or proceeding then it can be claimed only once.
- For joint supervision of research students, the formula shall be 70% of the total score for supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.
- *For the purpose of calculating research score of the teacher, the combined research score from the categories of 3(b). Policy Document and 4. Invited lectures/Resource Person/Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned.
- The research score shall be from the minimum of three categories out of six categories.

***All claims must be supported with the relevant documents.**

Part B

Proposed Research work

9. Project Details

i) Project Title

ii) Introduction

- Origin of the research problem
- Interdisciplinary relevance
- Review of Research and Development in the Subject:
 - International status
 - National Status
 - Significance of the study

iii) Objectives :

iv) Methodology :

v) Year wise Plan of work and targets to achieve (PERT Chart).

vi) Details of collaboration, if any intended

10. Financial Assistance required

Sr. No.	Item	Estimated Exp. (in Rs.)
(i)	Hiring Services	
(ii)	Field Work and Travel	
(iii)	Chemicals and glassware	
(iv)	Books and Journals	
(v)	Equipment, if needed	
(vi)	Contingency (including special needs)	
Total		

Please specify name, justify need for above list, item-wise

11.(a) Details of the project/scheme completed or ongoing with the PI

Name of the funding agency	Year started	Year ended/ending	Equipment/infrastructural facilities obtained

(b) Institutional and Departmental facilities available for the proposed work:

Equipment:

Other Infrastructural facilities:

12. Any other information which the investigator may like to give in support of this proposal which may be helpful in evaluating.

To certify that:

- a) General physical facilities, such as furniture/space etc., are available in the Department/College.
- b) I/we shall abide by the rules governing the scheme in case assistance is provided to me/us from the Punyashlok Ahilyadevi Holkar Solapur University, Solapur for the above project.
- c) I/we shall complete the project within the stipulated period. If I/we fail to do so and if the Punyashlok Ahilyadevi Holkar Solapur University, Solapur is not satisfied with the progress of the research project, the Solapur University, Solapur may terminate the project immediately and ask for there fund of the amount with 10% interest.
- d) The above Research Project is not funded by any other agency.

Name and Signature(a) Principal Investigator

(b) Co- Investigator

(c) HOD / Principal (Signature with Seal)



Annexure-II

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**ANNUAL/FINAL REPORT FOR BREAKTHROUGH RESEARCH
(OUTSTANDING RESEARCH)**

(Report to be submitted within 6 weeks after completion of each year).

1. Project report No.: _____
2. University Reference No. _____
3. Period of report: from _____ to _____
4. Title of research project _____
5. (a) Name of the Principal Investigator _____
(b) Dept./ College where work is in progress _____
6. Effective date of starting of the project _____
7. Grant approved and expenditure incurred during the period of the report:
 - a. Total amount approved Rs. _____
 - b. Total expenditure Rs. _____
 - c. Report of the work done: (Please attach a separate sheet)
 - i. Brief objective of the project _____
 - ii. Work done so far and results achieved and publications, if any, resulting from the work (Give details of the papers and names of the journals in which it has been published or accepted for publication)
 - iii. Whether the progress is according to original plan of work and towards achieving the objective. If not, state reasons
 - iv. Please indicate the difficulties, if any, experienced in implementing project.

- v. If project has not been completed, please indicate the approximate time by which it is likely to be completed. A summary of the work done for the period (Annual basis) may please be sent to the Punyashlok Ahilyadevi Holkar Solapur University, Solapur on a separate sheet.
- vi. If the project has been completed, please enclose a summary of the findings of the study. Two bound copies of the final report (along with CD) of work done may also be sent to the Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- vii. Any other information which would help in evaluation of work done on the project. At the completion of the project, the first report should indicate the output, such as (a) Manpower trained (b) Ph.D. awarded (c) Publication of results (d) other impact, if any.

**Signature of the
Principal Investigator**

Head of Department /Principal



Annexure-III

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

Utilization certificate

Certified that the grant of Rs. _____ (Rupees
_____ only) received from the Punyashlok
Ahilyadevi Holkar Solapur University, Solapur under the scheme of support for
Research Project entitled _____ vide University letter No.
_____ dated _____ has been fully utilized for the purpose
for which it was sanctioned and in accordance with the terms and conditions laid
down by the Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

**Signature of the
Principal Investigator**

**Head of Department /
Principal**

**Finance & Accounts
Officer**



Annexure-IV

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR
STATEMENT OF EXPENDITURE
INRESPECT OF RESEARCH PROJECT FOR BREAKTHROUGH RESEARCH
(OUTSTANDING RESEARCH)**

1. Name of Principal Investigator _____
2. Deptt. of University/College _____
3. Punyasholk Ahilyadevi Holkar Solapur University, Solapur approval No. and
Date _____
4. Title of the Research Project _____
5. Effective date of starting the project _____
6. (a) Period of Expenditure: From _____ to _____
(b) Details of Expenditure _____

Sr. No.	Item	Amount Approved Rs.	Expenditure Incurred Rs.
i.	Books & Journals		
ii.	Equipment		
iii.	Contingency		
iv.	Field Work/Travel (Give details in the proforma at Annexure- VII).		
v.	Hiring Services		
vi.	Chemicals & Glassware		
vii.	Overhead		
viii.	Any other items (Please specify)		

(c)(i) As a result of check or audit objective, some irregularity is noticed, at a later Date, action will be taken to refund, adjust or regularize the objected amounts.

(ii) It is certified that the grant of Rs. _____ (Rupees _____ only) received from the University under the scheme of support for Research Project entitled _____ vide PAH Solapur University, Solapur letter No. _____ dated _____ has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University.

Principal Investigator Head of Department /Principal Finance & Accounts Officer



Annexure-V

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**STATEMENT OF EXPENDITURE INCURRED ON FIELD WORK
FOR BREAKTHROUGH RESEARCH (OUTSTANDING RESEARCH)**

Name of the Principal Investigator:

Name of the Place visited	Duration of the Visit		Mode of Journey	Expenditure Incurred (Rs.)
	From	To		

Certified that the above expenditure is in accordance with the Punyashlok Ahilyadevi Holkar Solapur University, Solapur norms for Research Projects

Principal Investigator

**Head of Department /
Principal**

Finance & Accounts Officer



Annexure-VI

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**Acceptance Certificate for Research Project
FOR BREAKTHROUGH RESEARCH (OUTSTANDING RESEARCH)**

Name _____

No. _____ dated _____

Title of the Project _____

1. The research project is not being supported by any other funding agency.
2. The terms and conditions related to the grant are acceptable to the Principal investigator and College/Institution.
3. At present, I have no research project approved by University and the accounts for the previous project, if any have been settled.
4. The College/Institute is fit to receive financial assistance from University and is included in the list prepared by the University.
5. The date of implementation of the project is _____

Principal Investigator

Principal

College

Dated:



Annexure-VII

**PUNYASHLOK AHILYADEVI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR**

**PROFORMA FOR SUBMISSION OF INFORMATION AT THE TIME OF
SENDING THE FINAL REPORT OF THE WORK DONE ON THE PROJECT**

(To be submitted within two months after completion of project period)

1. Name and address of the Principal Investigator _____
2. Name and address of the Institution /Department _____
3. University approval no. and date _____
4. Date of implementation _____
5. Tenure of the project _____
6. Total grant allocated _____
7. Total grant received _____
8. Final expenditure _____
9. Title of the project _____
10. Objectives of the project _____
11. Whether objectives were achieved _____
(Give details) _____
12. Summary of the findings / publications _____
(In 500 words) _____
13. Possible applications _____
(Give details) _____

Principal Investigator

HOD/Principal