

NAAC Accredited-2015 १४ Grade (CGPA 2.62) सोलापूर विद्यापीठ, सोलापूर

#### परिपत्रक

मा. संचालक, सर्व संकुले व अधिविभागातील सर्व शिक्षक यांना आदेशान्वये कळविण्यात येते की, "Innovative Research Activities" या योजनेतंर्गत संकुलातील शिक्षकांना संशोधनामध्ये उत्तेजन मिळण्याकरिता विद्यापीठाकडून वरील योजना कार्यान्वित करण्यात आली आहे. तरी संकुलातील संचालक व शिक्षकांनी याचा जास्तीत जास्त लाभ घ्यावा.

Innovative Research Activities या योजनेतंर्गत अनुदान मागणी करण्यासाठीचा विहित अर्जाचा नमूना व नियमावलीची प्रत सोबत जोडण्यात आली आहे. त्यानुसार दिनांक १५/१२/२०१६ पर्यंत प्रकल्पाचे विहित नमुन्यातील प्रस्ताव आस्थापना विभागास मा. संचालकामार्फत सादर करावेत.

सदर परिपत्रक व सोबत जोडलेली नियमावली आणि अर्जाचा नमूना आपल्या अधिपत्याखालील सर्व शिक्षकांच्या निदर्शनास आणून द्यावे.

आदेशावरुन. Dollish कुलसचिव

जा.क्र. सोविसो/आस्था/२०१६/ / 02/0, दिनांक : - 4 NOV 2016 प्रति

मा. संचालक

٩) पदार्थविज्ञान संकुल, २) रसायनशास्त्र संकुल

३) भूशाख संकुल, ४) सामाजिकशाखे संकुल

५) संगणकशास्त्र संकुल, ६) वाणिज्य व व्यवस्थापन संकुल सोलापूर विद्यापीठ, सोलापूर

प्रत : मा. कुलगुरु यांचे कार्यालय, सोविसो.

#### **Certificate from the Investigator**

Project Title:\_\_\_\_\_

It is certified that

- 1. The same project proposal has not been submitted elsewhere for financial support.
- 2. I undertake that spare time on equipment procured in the project will be made available to other users.
- 3. I agree to submit a certificate from Institutional Biosafety Committee, if the project involves the utilization of genetically engineered organisms. I also declare that while conducting experiments, the Biosafety Guidelines of Department ofBiotechnology, Department of Health Research, GOI would be followed into.
- 4. I agree to submit ethical clearance certificate from the concerned ethical committee, if the project involves field trails/experiments/exchange of specimens, human & animalmaterials etc.
- 5. The research work proposed in the scheme/project does not in any way duplicate the work already done or being carried out elsewhere on the subject.
- 6. I agree to abide by the terms and conditions of Solapur University grant.

Name and signature of Principal Investigator:

Date:

Place:

#### Endorsement from the Head of the Institution

This is to certify that:

- 1. Certified that the Institute welcomes participation of -----as the Principal Investigator for the project titled "------" and that in the unforeseen event of discontinuanceBythe Principal Investigator, the Principal Co-Investigator willassume the responsibility of the fruitful completion of the project with due information to Solapur University.
- 2. The date of project starts from the date on which the University/Institute/ Organisation/College receives the grant from Solapur University, Solapur.
- 3. The investigator will be governed by the rules and regulations of University/ Institute/Organisation/College and will be under administrative control of the University/ Institute/Organisation/College for the duration of the project.
- 4. The grant-in-aid by the SOLAPUR UNIVERSITY, SOLAPUR will be used to meet the expenditure on the project and for the period for which the project has been sanctioned as mentioned in the sanction order.
- 5. No administrative or other liability will be attached to SOLAPUR UNIVERSITY, SOLAPURat the end of the project.
- 6. The University/Institute/Organisation/College will provide basic infrastructure and other required facilities to the investigator for undertaking the research project.
- The University/ Institute/Organisation/College will take into its books all assets created in the above project and its disposal would be at the discretion of SOLAPUR UNIVERSITY, SOLAPUR.
- 8. The University/ Institute/Organisation/College assumes to undertake the financial and other management responsibilities of the project.

Seal Signature

Date:

### GUIDELINE FOR SUBMISSION OF PROPOSAL for Research and Innovation Scheme of Solapur University

The Solapur University strives to promote teaching and research inemerging areas in Humanities, Social Sciences, Languages, Literature, PureSciences, Engineering & Technology, Pharmacy, etc.

The emphasis would be supporting such areas that cut across disciplinesand subjects such as geology, environment, biotechnology,nanotechnology, stress management, an emerging issues in Indian Economy& Society, Asian philosophy and many other areas as would be identified bysubject experts.

There are disciplines such as defence and strategic studies which includenational security affairs, insurance and banking, economics and world tradewhich in a true sense are multidisciplinary in nature, cutting across disciplines ofsciences, humanities and social science, and are of importance in a rapidlychanging global scenario. These and allied disciplines need to be studied andresearched in a more organized manner. Institutionalization of such activities is aneed of the present times.

#### **OBJECTIVES**

To promote excellence in research in the University Departments /Affiliated Colleges, Hon. Vice Chancellor is pleased to sanction research grant to faculties working in the university departments/ affiliated colleges under Research and Innovation Scheme

Traditionally, universities have been the centres of research. Although, theGovernment has a network of science and technology laboratories for researchand development, the major base of researchers in science and technologyremains with the universities. Therefore, university and college teachers need tobe supported to meet this requirement.

#### ELIGIBILITY

1)The Solapur University, Solapur under Research & Innovation scheme will provide support topermanent/regular faculty working/ in the Universities departments

andColleges (Under Section 2(f) & 12 B of UGC Act, 1956) only. Colleges andUniversities departments/ Schools sponsoring the proposal should have adequate researchfacilities. Research project may be undertaken by an individual teacher or a group of teachers. The financial support would be decided by the Solapur University depending on the project/study.

In case a project is undertaken jointly, one of the teachers will function as a Principal Investigator and he/she will be responsible for all matters pertaining to the project.

A teacher, working can have only one project/ scheme of the funding agency 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. Failure to abide by this rule shall make the Principal Investigator/Co-Investigator and the Institution liable to refund the entire amount paid by the Solapur University in all such schemes. They may be also debarred from participation in

future Solapur University programmes. It would be the responsibility of the Principal Investigator/Co-Investigator and the host Institution for total accountability of the project. The Principal Investigator should publish two papers in a reputed journal in the form of Books/Article/Presentation in seminar etc. from the said project completed.

#### NATURE OF ASSISTANCE:

Research Project in Pure Sciences including Engineering & Technology, Pharmacy, Humanities, Social Science, Languages, Literature, Arts, Law and allied disciplines etc. Up to - Rs. 5lachs (Maximum)

#### Non-Recurring Grants

#### a. MinorEquipment

#### **b.** Books and Journals

The equipment as well as books & journals grants may be utilized to procure the essential equipments and books & journals needed for the proposed research work.

The escalation, if any, in the cost of approved equipment may be met out of savings/reappropriation

from Non-recurring head only with the approval of Principal/ Registrar of the college/ University department under intimation to the Commission.

The equipments and books & journals acquired by the Principal Investigator under a Research & Innovation Project must be deposited to University/ College/Institution or in the departmental library or the central library after the completion of the project which will be the institutional property. The

University/colleges/Institution should make every effort to put all the equipment available in the

laboratories in effective use.

#### **Recurring Grants**

#### (c) Hiring Services

This is meant for specialized technical work, such as sample analysis, for which the University/Institution either has no infrastructure or such services are available on payment basis. Stenographic/ Data Entry Operator services may be hired for the purpose of preparation of questionnaire/ schedule or report writing and not for routine correspondence.

#### (d) Contingency

The admissible contingency grant may be utilized on spares for apparatus, photo-stat copies andmicrofilms, typing, stationary, postage, telephone calls, internet, fax, computation and printing needed for the project. Expenditure towards advertisement for post of Project Fellow and the audit fee may also be claimed under contingency head.

(e)**Special Needs:** Assistance may be provided for any other special requirement in connection with the project which is not covered under any other 'Head' of assistance under the scheme.

#### (f) Chemicals and Consumables

To meet expenditure on chemicals, glassware and other consumable items.

#### (g) Travel and Field Work

The amount allocated under the head travel/field work is to be utilized for data collection and collection of other information such as documents and visit to libraries within the general scope and sphere of the ongoing project. This should not be used for attending conferences, seminars, workshops and training courses etc. However, the PI's may travel by air or any other mode of transport if they are entitled for the same in their parent Organization/Institutions restricted to the allocation under the concerned head. They may also avail special casual leave/duty leave for field work/collection of data as per University rules.

#### Foreign travel is strictly prohibited in this scheme.

#### (h) Re-Appropriation:

The Principal Investigator may re-appropriate maximum 20 per cent of the **recurring** grant allocated

under each head with the permission of Registrar/Principal under intimation to the Solapur University with the justifications.

#### (i) Tenure and Implementation:

Two years.

The effective date of implementation of the project will be given by the University in approval cum- sanction letter.

#### **5. PROCEDURE FOR APPLYING**

All eligible teachers may submit their Research Project in the prescribed proforma available on the Solapur University website. The downloaded ten (10) copies of duly forwarded by the Registrar/Principal of the concerned University/College/Institution should be brought at the time of interface meeting.

#### 6. PROCEDURE FOR APPROVAL

The proposals received duly forwarded by the concerned Universities/Colleges will be assessed with the help of a subject expert committee constituted by the Solapur University. The Principal Investigators whose proposals found complete in all respect will be invited for making presentations before the Committee. No TA/DA would be paid to the participants. The final decision will be taken by the Solapur University on the basis of recommendations made by the Committee and the availability of funds under the scheme.

#### 7. PROCEDURE FOR RELEASE OF GRANTS

#### Universities:

The first installment of the grant shall comprise of 100% of the Non – Recurring and 50% of the total Recurring grant approved by the Solapur University for the total duration of the project. The grant will be released to the Registrar/Principal of the University/College.

The amount released may be spent according to the approved heads/items within the approved allocation mentioned in sanction letter.

After one and a half year from the date of implementation of the project the Solapur University will organize Mid-term evaluation interface meeting wherein PI 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 Solapur University will release the 40% of the total recurring grant as the second installment. Remaining 10% will be released on receipt of following completion documents as final reimbursement.

A copy of the final report of project along with soft copy.

It is mandatory to post the Executive summary of the report, Research documents, monograph,

academic papers provided under Research and Innovation Project on the website of the University/College.

A consolidated item – wise detailed statement of expenditure incurred during the complete project period in the prescribed proforma duly signed and sealed by Registrar/Principal and the Principal Investigator.

A consolidated Audited Utilization Certificate for the amount actually utilized towards the project duly signed and sealed by Govt. Internal Auditor/ Chartered Accountant, Registrar/Principal as well as the Principal Investigator in the prescribed proforma.

The unutilized grant if any, may be refunded immediately through demand draft drawn in favour of the Registrar, Solapur University, Solapur payable at Solapur.

The Principal Investigators/Institutions are expected to settle the accounts immediately on completion of the project. In case the balance grant, if any, is not claimed within *six* **months from the date of completion of the project, the same will lapse and no representation will be entertained on thisbehalf.** 

#### 8. MONITORING AND EVALUATION

Research proposals are invited in the prescribed format available on Solapur University website from the faculty working in the University Departments/ Schools and affiliated colleges.

The last date for the submission of duly signed project proposal is 30<sup>st</sup> November 2016.

Mid-term evaluation meetings for ongoing projects will be organized by the University after completion of minimum one year.

The Solapur University would decide the continuance of the project on the recommendations of the Solapur University Mid-Term Evaluation Committee. If Principal Investigator fails to attend mid-term review meetings, the Solapur University may discontinue/ cancel the project in normal circumstances and entire amount to be refunded by the Principal Investigator to the Solapur University.

After the completion of project tenure i.e. 2 years the parent institution of PI's should arrange to make the final assessment/evaluation of the project minimum by two expert members not belonging to their institution. Then institution should forward the completion documents along with the expert committee report.

#### 9. GENERAL

a) After finalization of the selection procedure of the Research& Innovation projects the names of the selected PI will be posted on the Solapur University website. The PI should check their names and send their acceptance certificate duly forwarded by the Registrar/Principal of the institutions immediately, to enable the Solapur University to send the approval/sanction letters.

b) Project is not transferable in any case.

c) Any Principal Investigator, who wants to go on any assignment outside the country not exceeding three months, in the absence of Principal Investigator Co-Investigator may act as Principal Investigator.

d) If the PI is transferred from his/her original place of work to another Institution (under Section 2 (f) and 12 (B) of the UGC Act, 1956) 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.

e)PI 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 Solapur University.

g) If a Principal Investigator fails to complete the project, he/she has to refund the entire amountsanctioned with interest.

h)No extension in tenure is permissible in any circumstances.

#### **General Guidelines**

1) The project proposals for consideration under the **Research and Innovation Scheme** of Solapur University can be submitted till 30<sup>th</sup> November2016

2) The Investigators may submit 10 copies of the proposal printed on both the sides of A4 size paper, properly stapled and without spiral binding along with the electronic copy of the proposal on a CD, preferably in MS Word.

3) The proposal should be prepared and submitted strictly according to the formats prescribed in this document.

4) The duration of the project should be of two years normally.

5) Please read explanatory notes and detailed instructions carefully for completing each section of the prescribed format while preparing the proposal.

6) Please contact **Solapur University** if the acknowledgement letter mentioning the registration number of the project is not received within one month from the date of dispatch of the proposals.

7) Please make sure to quote the registration number/ letter number (given by the **Solapur University**) and title of the proposals in all your future communications.

#### **GENERAL TERMS AND CONDITIONS**

The Hon'ble Vice Chancellor of Solapur University is pleased to sanction budgetary provisions for research projects which will be undertaken by faculties pursuing research in various disciplines. The objectives of the Research & innovation scheme are to strengthen the research activity.

The research proposals are invited in the prescribed format available on the Solapur University website ( http://www. Su.digitaluniversity.ac.in)from the faculty working in the University departments, Schools/ Affiliated Colleges

The terms and conditions of the Research & Innovation Scheme are given below to formulate research proposal from faculties from University departments, Schools/ affiliated colleges

1. The Principal Institution implementing the project assumes financial and other administrative responsibilities of the project.

2. In case of multi-institutional project the Principal Investigator (PI) has to obtain formal agreement from the collaborating institutions/ scientists.

3. International travel is not normally permissible under the project.

4. The manpower recruited for the project is temporary and should be paid as per the rules of the institute and guidelines of the Govt. of Maharashtra

5. It is the policy of Solapur University to maximize the use of equipment. In this light, Investigator shall permit the use of spare or ideal capacities of equipment procured under the project by bonafide users from the parent or nearby Institutes.

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6. The proposals are scrutinized by experts in the field and after a peer review by Expert Committee, the Solapur University takes the decision.
7. The role of the Co-PI(s) in the project should be clearly spelt out.
8. Copies of the proposal and other required documents must be sent in one lot through proper channel to the following address. If the copies of the proposal are mailed in more than one package, the number of packages should be marked on the outside of each package.

The Registrar Solapur University, Solapur-413255

#### **Special Guidelines:**

1) Projects which involve Recombinant DNA work should be examined and certified by Institutional Bio-safety Committee. Certificate from this committee should accompany the project proposal. Guidelines for constitution of Institutional Bio-safety Committee and related information can be obtained from:

Adviser,

Department of Biotechnology

CGO Complex, Lodi Road,

Block No.2. Floor-7, Room No.12.

New Delhi-110 003.

Telephone: 4363989, 4363012, 4360899.

Fax : 4363018. 4362884.

2) Projects which are clinically oriented or projects which involve experiments with human and/ or animal material should be examined and certified by Institutional Ethical Committee. Certificate from this Committee should accompany the project proposal. Guidelines for constitution of Institutional Ethical Committee can be obtained from: The Director General Indian Council of Medical Research Ansari Nagar New Delhi-110029. Telephone: 6963980, 6962895, 6962794. Fax : 6868602.

3. Proposals in the area of Earth Sciences should contain the geological map of the region to be studied.

#### DOCUMENTS/ ENCLOSURES REQUIRED WITH THE PROPOSAL

ITEM	Number of Copies
a) Endorsement from the Head of Institution (on	One
letter head)-	
b) Certificate from Investigator(s)	One
c)Details of the proposal (Part A +B)+ one soft	Ten
copy on CD preferably in MS-Word/PDF	
d) Name and address of experts/institution	One
interested in the subject/ outcome of the	
project.	
e) Cover Sheet by the Investigator	One

Annexure - I

(Application Form Online) Url: http://www.su.digitaluniversity.ac.in

#### Annexure – II

#### SOLAPUR UNIVERSITY, SOLAPUR ACCEPTANCE CERTIFICATE FOR RESEARCH PROJECT

Name		
No.F	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 University department /College/Institution.

3. At present, I have no research project approved by Solapur University and the accounts for the previous project, if any have been settled.

4. The College/Institute is fit to receive financial assistance from UGC and is included in the list of Section 2(f) & 12 (B) prepared by the Solapur University.

5. The date of implementation of the project is \_\_\_\_\_\_

**Principal Investigator** 

Registrar/Principal University/College (Seal)

Dated:\_\_\_\_\_

#### SOLAPUR UNIVERSITY, SOLAPUR

#### STATEMENT OF EXPENDITURE IN RESPECT OF MAJOR RESEARCH PROJECT

1. Name of Principal Investigator \_\_\_\_\_\_

2. Deptt. of Principal Investigator \_\_\_\_\_

University/College \_\_\_\_\_

3. Solapur University approval Letter 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 \_\_\_\_\_

S.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- IV).		
v.	Hiring Services		
vi.	Chemicals & Glassware		
vii.	Any other items (Please specify)		

- 1. It is certified that the appointment(s) have been made in accordance with the terms and conditions laid down by the **Solapur University, Solapur**
- 2. If as a result of check or audit objection some irregularly is noticed at later date, action will be taken to refund, adjust or regularize the objected amounts.
- 3. Payment @ revised rates shall be made with arrears on the availability of additional funds.
- 4. It is certified that the grant of Rs. \_\_\_\_\_\_ (Rupees \_\_\_\_\_\_ only) received from the Solapur University under the scheme of support for Research and Innovation Project entitled \_\_\_\_\_\_ vide Solapur University, letter No. F. \_\_\_\_\_\_ 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 **Solapur University.**

#### SIGNATURE OF PRINCIPAL INVESTIGATOR

#### **REGISTRAR/PRINCIPAL**

Annexure - IV

#### SOLAPUR UNIVERSITY, SOLAPUR– 413255 STATEMENT OF EXPENDITURE INCURRED ON FIELD WORK

#### Name of the Principal Investigator:

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

Certified that the above expenditure is in accordance with the SOLAPUR UNIVERSITY, norms for Research & Innovation Projects.

#### SIGNATURE OF PRINCIPAL INVESTIGATOR

#### **REGISTRAR/PRINCIPAL**

Annexure - V

#### SOLAPUR UNIVERSITY SOLAPUR- 413255

#### **Utilization Certificate**

Certified that the grant of I	<b>₹</b> s			
(Rupees				
only) received from	the Solapur Unive	rsity, Solapur under the s	cheme of s	support
for Research and Innovation	on Project			
entitled	-		vide	UGC
letter No. F	dated	has been fully		
utilized for the purpose for conditions laid down by th			with the ter	ms and

#### PRINCIPAL INVESTIGATOR

SIGNATURE OF THE STATUTORY AUDITOR (Seal) **REGISTRAR/PRINCIPAL** 

#### Annexure – VI

#### SOLAPUR UNIVERSITY SOLAPUR- 413255

#### Annual/Final Report of the work done on the Research & Innovation Project. (Report to be submitted within 6 weeks after completion of each year)

1. Project report No. 1st /Final
<ul> <li>2. Solapur University Reference No.F</li></ul>
4. Title of research project
5. (a) Name of the Principal Investigator
(b) Deptt
<ul><li>(c) University Department/College where work has progressed</li><li>6. Effective date of starting of the project</li></ul>
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
<ul> <li>iii. Has the progress been according to original plan of work and towards achieving the Objective. if not, state reasons</li> </ul>
iv. Please indicate the difficulties, if any, experienced in implementing the

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 University on a separate sheet.
- vi. If the project has been completed, please enclose a summary of the findings of the study. One bound copy of the final report of work done may also be sent to Solapur University.

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

## REGISTRAR/PRINCIPAL (Seal)

Annexure – VII

#### SOLAPUR UNIVERSITY SOLAPUR – 413255

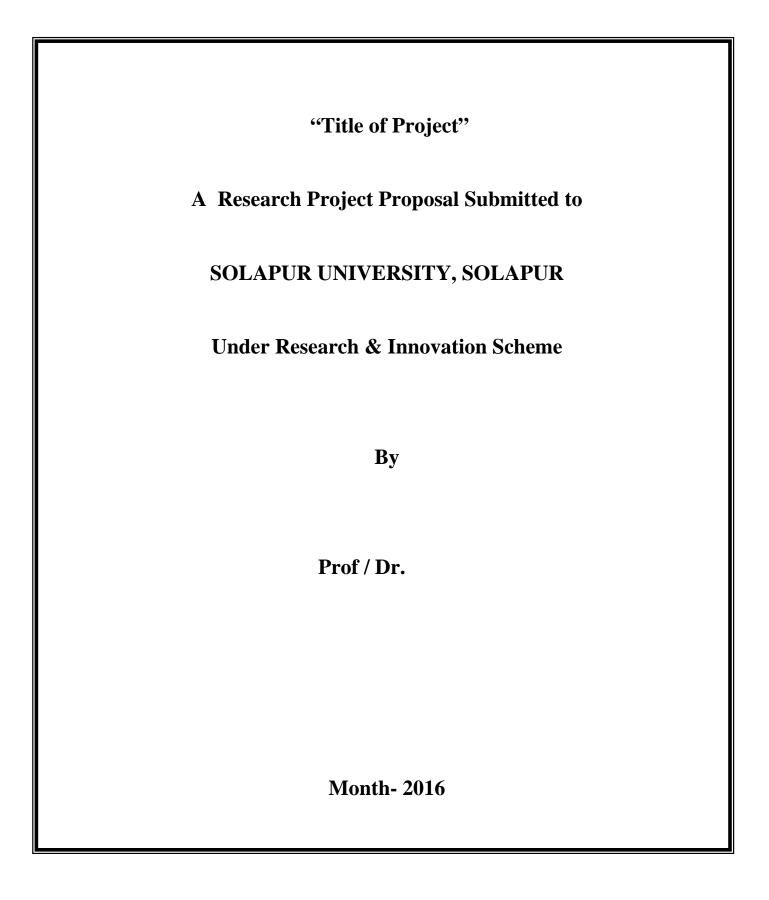
#### PROFORMA FOR SUBMISSION OF INFORMATION AT THE TIME OF SENDING THE FINAL REPORT OF THE WORK DONE ON THE PROJECT

1. TITLE OF THE PROJECT
2. NAME AND ADDRESS OF THE PRINCIPAL INVESTIGATOR
3. NAME AND ADDRESS OF THE INSTITUTION
4. SOLAPUR UNIVERSITY APPROVAL LETTER NO. AND DATE
5. DATE OF IMPLEMENTATION
6. TENURE OF THE PROJECT
7. TOTAL GRANT ALLOCATED
8. TOTAL GRANT RECEIVED
9. FINAL EXPENDITURE
10. TITLE OF THE PROJECT
11. OBJECTIVES OF THE PROJECT
12. WHETHER OBJECTIVES WERE ACHIEVED (GIVE DETAILS)
13. ACHIEVEMENTS FROM THE PROJECT
14. SUMMARY OF THE FINDINGS
15. CONTRIBUTION TO THE SOCIETY
16. WHETHER ANY PH.D. ENROLLED/PRODUCED OUT OF THE

PROJECT.....

(PRINCIPALINVESTIGATOR)

(REGISTRAR/PRINCIPAL)



# SUBMISSION OF PROPOSAL FOR RESEARCH AND INNOVATION SCHEME $\underline{PART-A}$

	Office			Residence
	vi.	Address:	:	
	v.	Designation	:	
	iv.	Qualification	:	
	iii.	Date of Birth	:	
	ii.	Sex: M/F	:	
	i.	Name	:	
4	Princip	bal Investigator	:	
3.	Duratio	on	:	
2	Area o	f Specialization	:	
1.	Broad	Subject	:	

- 5. Co-Investigator
- 6. Name of the Institution where the project will be undertaken:

:

- (a) Department:
- (b) College/School:

- 7. Whether the College/ School is approved under Section 2 (f) and 12 B of the UGC Act?
- **8.** Teaching and Research Experience of Principal Investigator:
  - (a) Teaching Experience :
  - (b) Research experience :
  - (c)Whether the project has been approved by the University for the doctoral degree? If so, please indicate:
  - ii. Name and designation of the supervisor approved by the University:
  - iii. Name of the University where registered:
  - (d) In case the teacher holds a doctoral degree: so, please indicate :
    - i. Title of the thesisii. Year of the award of degreeiii. Name of the University
  - (e) Publication:
    - (Please enclose the list of papers and books published and/or accepted during last five years)
    - \*Separate List enclosed Presented and published in proceedings of Conferences

#### PART- B (Proposed Research work)

#### (i) Project Title:

#### (ii) Introduction:

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

(iii) Objectives:

(iv) Methodology:

(v) Work plan(Time schedule):

#### (vi) Financial Assistance required:

#### Item Estimated Expenditure:

Sr.	Item	Estimated Expenditure			
No.		I <sup>st</sup> Year	II <sup>nd</sup> Year		
				Total	
1.	Field Work and Travel				
2.	Chemicals and glassware				
3.	Contingency				
4.	Minor Equipments				
	Total:				

(vii)(a) Details of the project/scheme completed or ongoing with the P.I

Name of the	Year		Total	Equipment/Infrastructural
agency	Started	Completed		facilities obtained

Sr. No.	Infrastructural Facility	Yes/No/	Not	required
SI. NO.		Full or sha	ing basis	
1.	Workshop Facility			
2.	Water & Electricity			
3.	Laboratory Space/ Furniture			
4.	Power Generator			
5.	AC Room or AC			
6.	Telecommunication including e-mail & fax			
7.	Transportation			
8.	Administrative/ Secretarial support			
9.	Information facilities like Internet/ Library			
10.	Computational facilities			
11.	Animal/ Glass House			
12.	Any other special facility being provided			

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

#### (c) Other infrastructural facilities:

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