

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Estd. Under Punjab Technical University Act, 1996
(Punjab Act No. 1 of 1997)

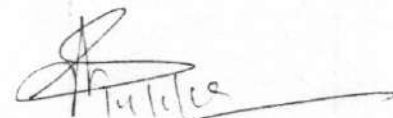
Ref. No. : IKGPTU/Reg/N/02

Dated : 14.01.2019

NOTIFICATION

Sub: **Seed Money for Research of Faculty.**

As per approval of Vice Chancellor, please find attached copy of Policy of Seed Money for Research of Faculty.



(Dr. S.S. Walia)
Registrar

Endst. No. IKGPTU/REG/N/03-05

Dated: 14.01.2019

A copy is forwarded to the following officers for information please.

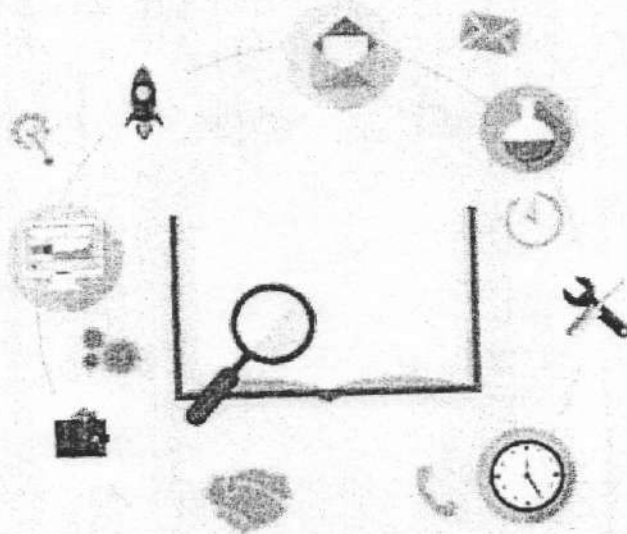
1. I/c Secretariat, O/o Vice Chancellor: For information of Vice Chancellor
2. All HODs (Non-Teaching)
3. Director (Main and Constituent Campuses): To inform the All HODs (Teaching) and Incharge, Constituent Campuses.



(Dr. S. S. Walia)
Registrar

SEED GRANT SCHEME

(2018)



RESEARCH FOR I



I K Gujral Punjab Technical University Jalandhar
Jalandhar-Kapurthala Highway,
Kapurthala

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Dr. J. K. Singh

NAB
21/12

SEED GRANT SCHEME

INTRODUCTION

The Seed Grant scheme of IK Gujral Punjab Technical University, Jalandhar is designed to stimulate competitive research in strategic areas of national or international importance, to promote innovative scientific and technological development, and/or to facilitate the start of research programs which will potentially develop into creative ventures on their own through external funding.

OBJECTIVES

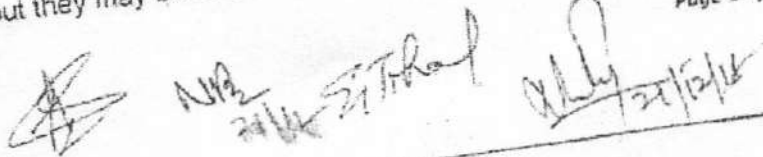
1. To aid a faculty to start a research program that has the potential to sustain by attracting funds from external agencies.
2. To test a novel idea and to generate preliminary results before submitting proposals to external agencies.
3. To promote inter-faculty collaboration in emerging areas.
4. To promote generation of IPR and product/process development.
5. To attract and retain talent.

AWARDS

1. Grants shall be awarded with a maximum value of Rs. 5 Lakhs.
2. The duration of the Grant will be 3 years. However, if the sanctioned amount is not consumed in 3 years, the unconsumed amount shall stand lapse.

ELIGIBILITY

1. Any ^{Regular} faculty member of IKGPTU holding a PhD degree with a proven track record of quality research and employed in teaching departments of IKGPTU for at two academic sessions.
2. The faculty member must have a concrete research proposal with defined expected outcomes.
3. In all such research proposals the Principal Investigator (PI) must be the faculty of IKGPTU, however he/she can co-opt (not as Co-PI) any of IKGPTU student, Ph.D scholar or faculty. Faculty of any other reputed institute can also be co-opted (but not as Co-PI). Participation by students of any category is encouraged but they may be only named as personnel in the project.

The bottom of the page contains several handwritten signatures and dates. From left to right, there is a signature that appears to be 'A. S.', followed by 'N/A' and '21/12/14'. To the right of these is another signature, possibly 'S. S. S.', and further right is a signature that looks like 'A. S.' with the date '21/12/14' written below it.

APPLICATION PROCESS

1. The call for proposals may limit research funding to a few strategic areas.
2. Pre-proposals should be submitted for short-listing.
3. The short-listed applicants will be asked to submit a full proposal of maximum 7 pages including figures and references.
4. The full proposals will be reviewed by a selection committee comprising external experts which may include experts from academia, industry or any reputed scientific/ technological organisation. The PI will be invited to make a presentation before the selection committee (Refer to evaluation process)
5. Decision on the grant award will be announced.

SUBMISSION DEADLINE

Proposals will be invited every year in month of January. A decision will be made within 5 weeks of the submission deadline of the application.

SELECTION CRITERIA

1. Innovative interdisciplinary research.
2. Faculty or team of faculty members whose expertise is complimentary.
3. Promise of sustainable research and development attracting external funds.
4. Budget matches the claimed outcomes.
5. Potential to generate intellectual property (Including product and process development)

EVALUATION

The total evaluation process will follow a two stage scheme :

STAGE 1

Pre-proposals will be evaluated by a rating scheme which considers each of the selection criteria. Additional points will be awarded if the proposal is linked with PhD program of students.

STAGE 2

1. The PIs of the shortlisted pre-proposals will be asked to submit a full proposal.
2. The selection committee shall assess the pre-proposals.
3. The full proposal will be rated for intellectual merit and its broader impact.



N/A
2/1/2018
S. T. Roy

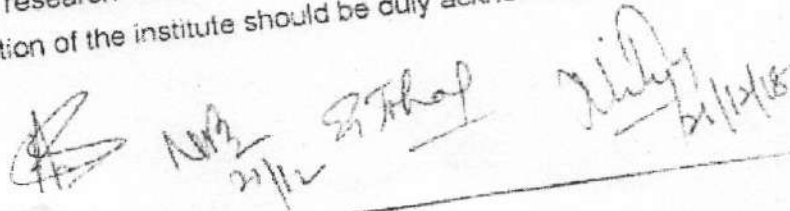

2/1/2018

4. The selection committee may if required, may seek further information from the PI before making a final decision.
5. The proposal evaluation will consider the alignment of the budget with the deliverables.

The committee may suggest that two or more proposals be combined if the committee deems it advantageous.

CONDITIONS


1. The decision of the selection committee will be conveyed to the PI who will be the contact person for all administrative matters regarding the project.
2. The PI is responsible for the conduct of the research in the best interest of the Institute/Students/Society.
3. Each faculty member shall be entitled for such a Seed Grant only once during his/her tenure with IKGPTU.
4. Procurement, utilization and maintenance of equipment will strictly be as per University rules. All the purchases shall be done by the PI him/herself with approval of the respective departmental Technical Committee notified vide notification ref.no.IKGPTU/Reg/N/4430 dated 08.09.16.
5. Procurement of only research apparatus of non-consumable category shall be made out of the sanctioned amount.
6. The PI shall maintain a proper record of all the purchases done, amounts spent, procured items for audit by the designated auditors of the University.
7. The funds have to be utilized within the stipulated period.
8. The grant money has to be utilized in accordance with the approved budget.
9. The PI should submit a progress report every six months in the prescribed format for evaluation by the committee mandated to monitor individual projects. In case it is found that proper efforts are not being made further release of funding may cease.
10. The PI will also be required to report progress or outcomes at the end of each year and after the termination of the seed grant, including grants received and publication/IPR arising out of the seed grant.
11. In any research communication arising out of the funded project, the contribution of the institute should be duly acknowledged.

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12. In case PI leaves the institute before the completion of project, a co-investigator from IKGPTU will assume responsibility as PI. no collaborator from another institution can become PI under this condition.

EXPECTED DELIVERABLES

1. Externally funded projects should be generated as outcome of seed grant scheme.
2. Publication in peer-reviewed journals/intellectual property generation including product/process development would be expected as outcomes of the project. Further, it is understood that any IP emerging out of research funded by IKGPTU will be owned by IKGPTU. Such IPR will recognize contributions by all researchers as "inventors", and any resulting royalties will be shared by IKGPTU with the inventors in ratio of 70:30 i.e. 70% for University & 30% for faculty. ✓

 NB
2/1/18


2/1/18

I.K. Gujral Punjab Technical University, Jalandhar
Application form for Seed Grant for Innovative R&D Project

1. Project Title: _____

2. Duration of the Project: _____

3. Faculty Details

Name			
Designation			
Dept.			
Major Field of Research			
Contact No			
E-mail			
Date of joining in Institute			

4. Abstract of the proposals (about 500 words)

5. Project Objectives (Attach Separate Sheet, if required, duly signed)

6. Justification of the Proposal in terms of innovation (Attach Separate Sheet, if required, duly signed)

7. Expertise :

7.1 Expertise available with the Investigators in executing the project : (Maximum 1 page)
(Professional expertise existing with each of the investigators in terms of publications, Patents and preliminary results, to execute every component of the proposal should be highlighted)

7.2 Key publications published by the Investigators pertaining to the theme of the proposal during the last 5 years

8. Proposed work plan / methodology

Activity	Months (add row as required)											
	1	2	3	4	5	6	7	8	9	10	11	12

9. Expected Outcome (Attach Separate Sheet, if required, duly signed)

10. Detailed Budget for the Project in the following format (Attach Separate Sheet, if required, duly signed)

<u>A. Consumable Section</u>				
Name of Item	Specification	Qty	Cost INR	Justification

<u>B. Non-Consumable / equipment Section</u>				
Name of Item / equipment	Specification	Qty	Cost INR	Justification

<u>C. Testing expenses, if any</u>				
Name of testing	No. of samples	Cost INR	Service provider	Justification

Total Budget (A+B+C+____) = INR_____

11. Detail of financial assistance from any other source (please mention Yes / No, if yes provide detail)

12. Any other Information relevant to the Project Proposal and its Execution (Attach separate sheet if required)

Signature with Date
(Name of the faculty engaged)

(Signature with Date)
Head of the concerned Head of Department

Note: If faculty is engaged from more than one department then signature of concerned Head of Dept. is required.