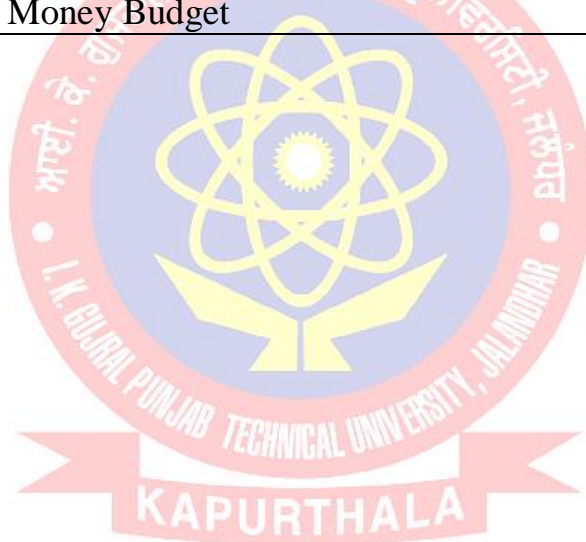


Supporting Documents

3.1.2

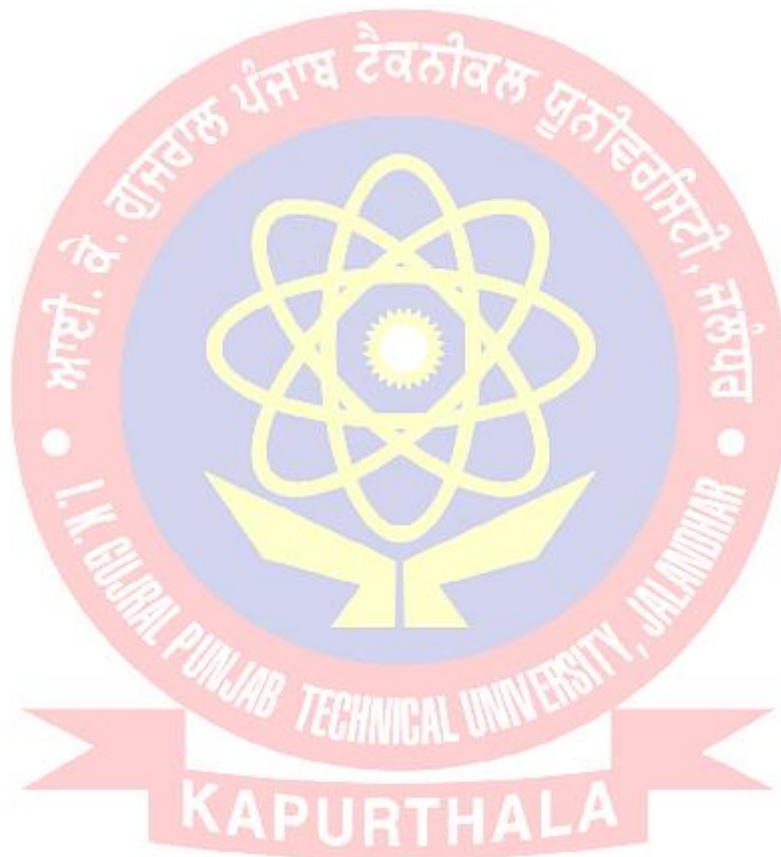
The Institution provides seed money to its teachers for research

Sl. No.	Documents Attached
1.	Seed Money Policy Document
2.	Seed Money Policy Notification
3.	Seed Money Budget



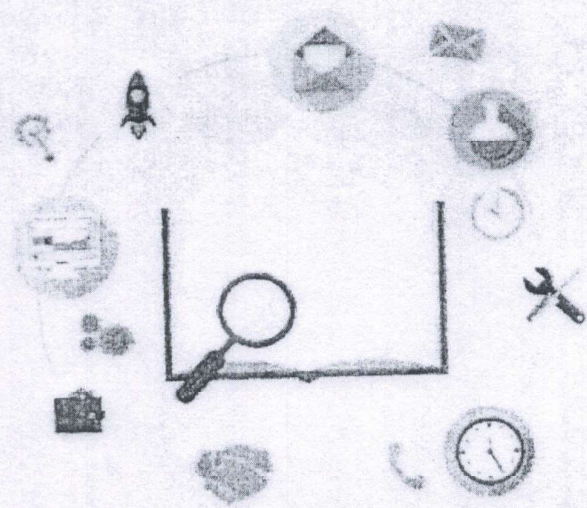
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Seed Money: Policy Document

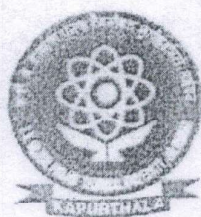


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SEED GRANT SCHEME (2018)



RESEARCH FOR I



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

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R&D Deptt.
IKG Punjab Technical Univ

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9.	Conditions	3-4
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DEAN
R&D Deptt.
IKG Punjab Technical Univ
Jalandhar

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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


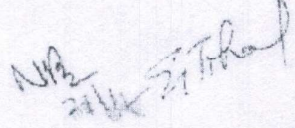
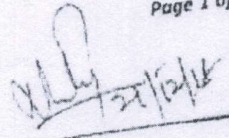
1. To aid a faculty to start a research program that has the potential to sustain by attracting funds from external agencies.
2. To test a novel idea and to generate preliminary results before submitting proposals to external agencies.
3. To promote inter-faculty collaboration in emerging areas.
4. To 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.


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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.

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S. T. Singh

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- 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.


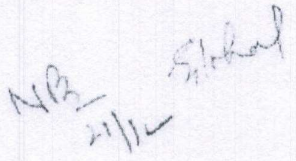
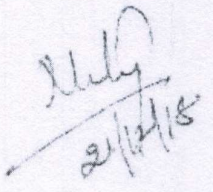
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IKG Punjab Technical Univ.
Jalandhar

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.

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3.1.2

Seed Money: Document of Seed Money Grant Approval



I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

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

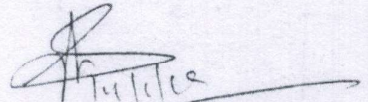
Ref. No. : IKGPTU/Reg/N/02

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.

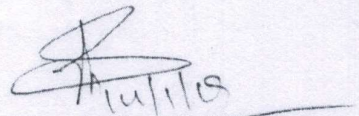

(Dr. S.S. Walia)
Registrar


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

 DEAN
R&D Deptt.
IKG Punjab Technical Univ.
Jalandhar

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY
(PLANNING & EXTERNAL PROGRAMMES)**

ਆਈ.ਕੇ.ਜੀ.ਪੀ.ਟੀ.ਯੂ./ਪੀ.&ਈ.ਪੀ./0/2977 ✓

ਮਿਤੀ : 21.12.2018

ਨੋਟ

ਵਿਸ਼ਾ: *Drafting policy regarding Seed Money for Research of Faculty.*

ਰਜਿਸਟਰਾਰ ਦਫਤਰ ਵੱਲੋਂ ਜਾਰੀ ਕੀਤੇ ਗਏ ਦਫਤਰੀ ਹੁਕਮ ਨੰ. IKGPTU/Reg/OO/4803 ਮਿਤੀ 14.12.2018 (ਅਨੁਲੱਗ 'ੳ') ਅਨੁਸਾਰ ਯੂਨੀਵਰਸਿਟੀ ਅਤੇ ਯੂਨੀਵਰਸਿਟੀ ਦੇ NAAC/BA ਤੋਂ ਮਾਨਤਾ ਪ੍ਰਾਪਤ ਕਾਲਜਾਂ ਦੀ ਫੈਕਲਟੀ ਨੂੰ ਰੀਸਰਚ ਲਈ Seed Money ਦੀ ਸੁਵਿਧਾ ਦੇਣ ਲਈ policy ਤਿਆਰ ਕਰਨ ਲਈ ਕਮੇਟੀ ਦਾ ਗਠਨ ਕੀਤਾ ਗਿਆ ਸੀ।

ਕਮੇਟੀ ਵੱਲੋਂ Seed Money ਦੀ Policy ਦਾ ਖਰੜਾ (ਅਨੁਲੱਗ 'ਅ') ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਹੈ। Seed Money ਦੀ Policy ਦਾ ਖਰੜਾ ਮੂਲ ਰੂਪ ਵਿਚ ਆਪ ਜੀ ਨੂੰ ਪ੍ਰਵਾਨਗੀ ਹਿੱਤ ਪੇਸ਼ ਹੈ ਅਤੇ ਅਗਲੇ ਵਿੱਤੀ ਵਰ੍ਹੇ (2019-20) ਦੇ ਬਜਟ ਵਿਚ provision ਰੱਖਣ ਦੀ ਸਿਫਾਰਸ਼ ਕੀਤੀ ਜਾਂਦੀ ਹੈ।

(ਸਿੱਘ)
21/12
(ਡਾ. ਐਨ.ਪੀ. ਸਿੱਘ)
ਡੀਨ-ਕਮ-ਪ੍ਰੋਫੈਸਰ

ਪ੍ਰੋ. (ਡਾ.) ਅਜੈ ਕੁਮਾਰ ਸ਼ਰਮਾ
ਉਪ-ਕੁਲਾਚਾਰੀ

Pl. Discuss

(Signature)

Dean (P&EP)

*Dismissed this policy is solely for
IKGPTU faculty holding Ph.D degree.
Recommended for approval pl.*

VC

A' approve for regular faculty only. 31/12

DEAN
R&D Deptt.
IKG Punjab Technical Univ.
Jalandhar

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I.K.G. Punjab Technical U
Vice Chancellor
Diary No. 3559
31/12/18
Sent to Registrar

REGISTRAR OFFICE
07/11
07/11/18

I.K.G. Punjab Technical University
Vice Chancellor Office
Diary No. 3596
31/12/18
Sent to Dean (P&EP)

4.

I.K. Gujral Punjab Technical University
(Registrar Office)

IKGPTU/REG/00/4803

Dated: 14/12/2018

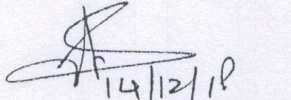
Office Order

Sub: **Constitution of committee for drafting policy regarding Seed Money for research of faculty.**

As per approval of Vice Chancellor, following committee is constituted for drafting policy regarding Seed Money (Seed Grant Scheme) for Research to faculty of IKGPTU and NAAC/NBA accredited affiliated colleges.

1. Dr. N.P. Singh, Dean (P&EP)
2. Dr. Ekonkar Singh, Deputy Registrar (HRM)
3. Dr. Nitya Sharma, Deputy Controller (F&A)

The committee shall submit the report at the earliest.

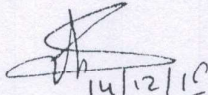

14/12/18
(Dr. S. S. Walia)
Registrar


Endst. No. IKGPTU/REG/00/4804 4807

Dated: .12.2018

A copy of the above is forwarded to the following for information and necessary action please.

1. I/C Secretariat, o/o Vice Chancellor: For information of Vice Chancellor
2. Dr. N.P. Singh, Dean (P&EP)
3. Dr. Ekonkar Singh, Deputy Registrar (HRM)
4. Dr. Nitya Sharma, Deputy Controller (F&A)


14/12/18
(Dr. S. S. Walia)
Registrar


DEAN
R&D Deptt.
IKG Punjab Technical Univ.
Jalandhar

A) Revenue Income					
Sr. No.	Head	Budget Estimate 2022-23 (in lakh)	Revised Budget Estimate 2022-23 (in lakh)		Justification
1	Ph.D. Fee / Thesis Fee (Registration Fee, Admission Fee/Provisional Fee, Semester Fee, Course Work Fee, Thesis Submission Fee, Annual Fee, Extension Fee, Late Annual Report Fee)	317.5	317.5	317.5	Admission fee of Rs. 2000/- per student frox approx. 120 students. (24 lacs) Provisional Registration Fee of Rs. 25,000/- per student from approx. 120 students. (30 lacs) Semester fee of Rs. 6000/- per student (i.e 12000/- Yearly)from approx. 1000 students. (1.20 lacs) Course work fee of Rs. 30,000/- per student from approx. 120 students. (36 lacs) Thesis submission fee of Rs. 15,000/- per student (from approx. 100 students) Rs. 25,000/- (from approx. 150 students). (52.5 lacs) 8th year extension fee of Rs. 25,000/- per male student from approx. 50 students. (12.5 lacs) 7th year Extension fee of Rs. 15,000/- per male student from approx. 150 students. (22.5 lacs) 6th year Extension fee of Rs. 10,000/- per male student from approx. 200 students.(20 Lacs)
2	Research Consultancy	Nil	Nil	Nil	
B) Revenue Expenditure					
1	Ph.D. Admission & Examination Expn.	20	20	0	Not required for this year deferred to next year
2	Grants	20	20	0	Not required for this year deferred to next year
3	Intellectual Property Rights and Patenting	10	10	0	Not required for this year deferred to next year
4	Consultancy, Technical Transfer and Collaboration	20	20	5	
5	Industry Define Project (IDP) + Techpedia	10	30	10	On provisional Basis
6	Software (I) Plagiarism software PhD portal	15	20	Nil	Software for checking of Plagiarism, Ph.D. Software etc.
7	Advt. & Pub. Exp. Etc.	10	15	Nil	Advt. regarding admission and tenders.
8	Meeting Exp. of Ph.D. Presentation	100	100	Nil	R&D conducts the presentation for synopsis/ abstract/ viva-voce of 500 Ph.D. scholars (approx.) and pay Rs. 20,000/- (approx.) for one student (remuneration to two experts/one guide/ co-guide which includes TA, DA and Honorarium) and spend Rs. 4000/- (approx.) in the hospitality of experts/guide/ co-guide (refreshment and lunch) in one day of presentation.) Foreign Expert payment @ USD \$200 per thesis
9	Miscellaneous (Unforeseen)	5	5	Nil	Unforeseen
10	TA / DA	5	5	Nil	Official visit of officer/staff
11	Printing, Stationery / Office Expenses	10	12	Nil	Printing & Stationery, Hospitality, office Tea, Consumable items for Pantry, Non-consumable & other day to day expenses.
12	Seed Money	250	250	0	Not required for this year deferred to next year
13	University Research Fellowship (URF)	100	100	0	Not required for this year deferred to next year
14	Grant in Aid for promotion of S&T	20	20	Nil	Expenditure for Inno Tech & Visits of students
C) Capital Expenditure (Fixed Assests)					
1	Equipments/Software Development (ERP/ Networking) etc.	10	10	Nil	Laboratory equipments /Office equipmets
2	Furniture & Fixation	15	15	5	Furniture is required for new staff as proposed to be increased as per MGSIPA

R D Department
Budget Estimate for FY 2022-23 (Revised)

Sr. No.	Head	Budget Estimate 2022-23 (in lakh)	Revised Budget Estimate 2022-23 (in lakh)		Justification
3	Vehicles etc.	Nil	Nil	Nil	
4	Central Research Facility	100	100	Nil	Not required for this year deferred to next year
5	Hardware	10	10	5	Computer, Projector, Printers, LED etc. (for expansion)
6	Misc. (Unforeseen)	10	10	Nil	
7	Land	Nil	Nil	Nil	

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[Signature]