



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

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Prof. A. S. Deshpande B.E.,M.Tech., Ph.D.
REGISTRAR

Ref: VTU/BGM/Aca/A12/VTURGS21/2020-21/ 5501

Date : 25 JAN 2021

NOTIFICATION

VTU RESEARCH GRANTS SCHEME 2021

Sub :Inviting Research Project Proposals under "VTU Research Grants Scheme 2021.

Ref :1. 153rd EC Meeting Res No 2.3.2, dated 20/10/2020.

2. Hon'ble Vice-Chancellor approval dated: 20/01/2021.

The applications are invited from the teaching faculty members working in all the affiliated, constituent, autonomous engineering colleges and PG centers of VTU for award of research grants under "VTU Research Grants Scheme" for the year 2021. The projects under this scheme shall be sanctioned on the basis of University - Institute Partnership (UIP) model. As per UIP model, Grantee Institution should contribute 25% of the total sanctioned budget.

As per the provisions under VTU Research Grants Scheme 2021, a maximum up to Rs. 25.00 Lakh per proposal may be considered for approval depending upon the recommendation of the Research Project Review Panel.

Conditions for submission of the proposals:

- Any faculty member working in any of the affiliated, constituent, autonomous engineering colleges and PG centers of VTU can submit the proposals in the prescribed format with necessary annexure enclosed with this letter.
- The Principal Investigator(s) should be full-time employee(s) of the concerned Institution. The maximum age limit for the Principal Investigator should be below 50 years (Fifty).
- There may also be co-investigator(s) (maximum up to 2) from same/different institutions/R&D organizations/colleges of different institutions would be working on the project. However, one co-investigator shall be from Institution where Principal Investigator is working.
- Institution shall constitute the Institute Level Research Proposal Review Committee (ILRPRC) consisting of Head of the Institution as a Chairperson of



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the committee, Heads of all the Departments as members, for reviewing and forwarding the best research proposals from the institutions.

- e) Top four proposals shall be selected and forwarded to VTU for further process of selection by Institute Level Research Proposal Review Committee (ILRPRC) with it's recommendations.
- f) Only four proposals from each institution will be considered for further process of selection.

The proposals should preferably be submitted in the various disciplines such as (i) Mechanical, Material and related Sciences, (ii) Electrical, Electronic and related Sciences (iii) Computer, Information and related Sciences (iv) Civil and related sciences (v) Interdisciplinary Sciences (including Bio -Technology, Nano -Technology, Bio-Medical) (vi) Applied Sciences (Physics, Chemistry and Mathematics) (vii) Management Sciences (viii) Architecture and Related Sciences (ix) Other Disciplines (Silk Technology, Textiles)

Four hard copies of the research proposal on standard A4 size paper prepared as per the prescribed format(Annexure 1) along with the necessary annexure(s) should be submitted to the undersigned on or before **26th March, 2021** and send the soft copy (PDF/Word format) to rgs@vtu.ac.in and rgsvtu@gmail.com.

Sd/-

REGISTRAR

Encl: Annexure(s)

To,

1. The Principals of all affiliated/constituent /Autonomous Engineering Colleges under the ambit of VTU, Belagavi.
2. The Chairpersons of all Departments, Centres for PG Studies in Belagavi , Kalaburgi, Muddenahalli, and Mysuru.

Copy to:

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information.
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Director(I/c) of all regional offices of VTU for circulation.
4. The Special Officer CNC VTU, Belagavi for uploading on VTU website.
5. PS to Registrar VTU, Belagavi.
6. Office Copy RGS-2021/001


25-01-2021
REGISTRAR
b.s.r.

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ANNEXURE - I
FORMAT OF APPLICATION FOR GRANT OF RESEARCH PROJECT UNDER
VTU RESEARCH GRANTS SCHEME 2021

(Format)

(NB – Three hard copies & a soft copy (in PDF and Word) of the Application are required to be submitted)

(To be completed by the Principal Investigator)

SECTION – A

Name of the Institute	
Address of the Institute	
Head of the Institute and Contact Details	
Name of the Department	
Head of the Department	

Sl. No.	Item	Details
SECTION – B		
Name of the Institute -		
1	Title of Research Project Proposal	
2	Discipline of the Research Proposal	
3	(a) Name of the Principal Investigator: Designation: Academic Qualification : Status of Employment : Full Time/Regular Research Experience: Department/Research Centre: Name of Institution: Address: e-mail ID: Mobile No.: AAdhar Number : PAN Number:	

	(b) Name of the Co-Investigator/s: Designation: Academic Qualification : Status of Employment : Full Time/Regular Research Experience: Department/Research Centre: Name of Institution: Address: e-mail ID: Mobile No.: AAdhar Number : PAN Number: (Maximum 2 Co-Is are allowed One CoI must be from)																						
3	Duration of the Research Project	Two Years																					
4	Amount of Grant Proposed (in Rupees) Amount Rs. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Expenditure Heads</th> <th style="width: 10%;">Year I (Rs. in lakhs)</th> <th style="width: 10%;">Year II (Rs. in lakhs)</th> <th style="width: 10%;">Row Total</th> </tr> </thead> <tbody> <tr> <td>(a) Fellowship for Full Time Research Students/Fellow (Maximum up to Rs 16,000/- Per Month) / Fixed Assets(Instruments/Softwares/Machines/Equipments..etc (not exceeding 50% of the total cost of the project)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(b) Consumables (30% of Project Cost)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(c) Others (Expenditure towards Testing/Consultancy/ Publication of Research Work in terms IPR Registrations, TA and DA to attend Project Related Work/ Research work Presentation at workshops/conferences in India) (20% of Project Cost or upto Rs 2.5Lakh, whichever is less)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: Ignore if any head is not applicable</p>			Expenditure Heads	Year I (Rs. in lakhs)	Year II (Rs. in lakhs)	Row Total	(a) Fellowship for Full Time Research Students/Fellow (Maximum up to Rs 16,000/- Per Month) / Fixed Assets(Instruments/Softwares/Machines/Equipments..etc (not exceeding 50% of the total cost of the project)				(b) Consumables (30% of Project Cost)				(c) Others (Expenditure towards Testing/Consultancy/ Publication of Research Work in terms IPR Registrations, TA and DA to attend Project Related Work/ Research work Presentation at workshops/conferences in India) (20% of Project Cost or upto Rs 2.5Lakh, whichever is less)				Total			
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Total																							
5	(i) Department/Research Centre of Institution where R & D Project																						

	<p>will be carried out</p> <p>(ii) Other Departments, if any, which will co-operate in this Project.</p> <p>(iii) No. of VTU approved Research Centres in the Institution; Is the Dept. included in this list?</p> <p>(iv) Does the Institution have TEQIP Project? Is the Dept./RC included in the Project? If so, what facilities have been established in the Dept./RC?</p> <p>(v) List out the Major Instruments/Equipments/Softwares available in the Institute</p>	
Section C		About the Project Proposal
6	<p>(a) Summary of Proposed Research (Brief statement about the proposed investigation, its conduct and the anticipated results in not more than 300 words)</p> <p>(b) Specific Aim & Objectives of Project (Min 2 Pages)</p> <p>(c) Key Words:</p> <p>(d) Classification of the Project: (Please state whether Basic Research/Applied research/ Science Development/Technology Development/Product/System Development/Knowledge base/Review of Status).</p> <p>(e) Expected Outcome/Deliverables from the Project (Clearly specify) (Details may be enclosed as annexures)</p>	
7	<p>(a) Background and Justification (Basis for the Proposal with a brief Review of the state of the art in the subject, followed by an outline of the relevance and importance of the Project in particular towards Research / Development / Design)</p> <p>(b) Impact Expectation:</p>	

	(c) National Status: (d) International Status:	
8	(a) Approach (Details of approach intended to be adopted in the execution of the Project indicating how each of the Objectives listed in item 6 will be achieved). (if more than one institution is involved, indicate work share of each institution) (b) Bar Chart / PERT Chart indicating major Milestones may please be attached.	
9	(a) Facilities available for carrying out the proposed R & D work in the applicant's Institution (to be attached as Appendix). List major equipment which is essential for this Project and available in your Institution. (b) Equipment/facilities proposed to be procured (give brief details of equipment, budgetary cost estimate, proposed usage in project, justification for procurement)	
Section D		Details of Research Experience of PI & CoIs.
10	Previous work done in this or related fields (to be attached as Appendix). Describe briefly any work done that is particularly pertinent to the proposal & list (for PI & CoIs) (i) Your personal publications in this & related areas and (ii) Personal publication in other areas	
11	Details in respect of Research: Projects facilities currently being undertaken/	

	<p>likely to be undertaken by the PI and Co-Investigators from various sources including VTU (List all current Research support of the Investigators from VTU & other agencies. Also, list all VTU funded projects carried out by PI/CoIs in the past).</p> <p>Name of PI/CO-PIs</p> <p>Name of Sponsoring Agency</p> <p>Title of Project/Facilities</p> <p>Total Amount</p> <p>Total Period of support with dates:</p> <p>From To</p> <p>Linking of Project with stake holders (concerned central/state Govt. agencies, NGOs, industry etc-please elaborate)</p>	
<p>SECTION - E</p> <p>Section-E and Certificate to be submitted by all participating institutions (PI and CoIs Institutions)</p>		
14	<p>Name of Institution Submitting Application</p> <p>Name, designation and qualification of the Principal/Director</p>	
15	<p>Address</p>	
16	<p>Name, Designation and full address of the Official to whom cheques are to be mailed (with Telephone Numbers, e-mail address.</p>	

CERTIFICATE

I /we have gone through the rules and guidelines of VTU Research Grants Scheme 2021 and

- (i) I/we agree to abide by the terms and conditions set forth for the Research Grants scheme of the University and certify that (i) basic necessary facilities for the proposed work are available and the same will be extended to the investigators(s) and (ii) necessary support will be extended to the Investigator.
- (ii) I/we certify that in case the present investigator is not available for any reason to continue the work on the Project/facilities, every effort will be made to make alternate arrangements as per VTU Rules will be made (handing over to Co-I/other competent faculty in the institution OR transfer to other concerned VTU affiliated institution) to successfully complete the project. If, for any reason, the effort is not successful, the project will be short closed with VTU's approval and the balance funds will be returned to VTU after completion of audit, within a period of 3 months after the short closure.
- (iii) I/we certify that separate accounts will be kept for funds received from VTU and spent on the Project/facilities and the same will be made available to the Auditors of this Institution and also to the University.

Co –Investigator(s)

Principal Investigator

**Principal of CoIs Institution
(IF Co-I is from different Instituion)**

Principal of PI Institution

Note:

1. Please do not write Your Name, Institution Name or any other mark in Section C of the application which discloses your identity.
2. All the sections are compulsory.
3. The file name of the softcopy (PDF) shall be the name of Principal Investigator

Annexure 2

No Objection Certificate

(Duly Signed by Head of the Institute and Chairman/Secretary of Governing Council of Grantee Institution)

It is certified that, Mr/Ms/Mrs/Dr.-----is a full time/regular faculty member serving as ----- (designation) in the department of-----
----- at (Institute Name).

This institute has No Objection to apply for VTU Research Grants Scheme 2020 and Institute is agreed for University – Institute Partnership (UIP) Model. As per the UIP Model, Institution ready to contribute 25% of the total sanctioned budget, if granted.

Head of the Institute

Chairman/Secretary

