

**DST -Technology Enabling Centre PDEU**

**Call For Proposals**

**Preamble**

DST-TEC –PDEU is a DST sponsored triple helix model at PDEU with aim to nourish and facilitate technology mining and deployment in the sectors of Energy, Health and Water. The ultimate transfer and commercialization of the nurtured technologies are the long term goals of DST-TEC-PDEU.

To support the research teams/startups for technology enablement / prototype / certification / commercialization, TEC PDEU invites **Call for Proposals** on the themes of Energy, Health and Water. This would help to establish a working ecosystem for technology enablement and commercialization which is the ultimate aim of DST-TEC.

Project Proposal shall include the technology/Prototype development of **TRL 5** and above with prototype demonstration in first phase of the tenure. It should also have the possibility of technology transfer and commercialization in the second phase of the tenure for societal benefit under the following broad thematic areas.

**Broad Thematic Areas:**

1. Energy
2. Water

2. Health

**Team Composition (Max.):** 2 Faculties; Five students

**Eligibility**: (Only for Students of PDEU)

Having educational qualification as B. Sc/ B. Tech of 3rd year programme and M.Sc/M.Tech of 1st year programme.

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| **1. Project Details** |
| 1.1 | Title |  |
| 1.2 | Theme Area |  |
| 1.3 | Specific Challenge of the society being addressed with the project |  |
| 1.4 | Objective |  |
| 1.5 | Project summary (within 500 words) |  |
| 1.6 | Key words |  |
| 1.7 | Name of the Proposed Host Institute |  |
| 1.8 | Department Name |  |
| 1.9 | Address |  |
| 1.10 | City |  |
| 1.11 | Pin |  |
| 1.12 | State |  |
| 1.13 | Review of proposed work |  |
| 1.14 | Methodology |  |
| 1.15 | Work Plan to achieve the objective | Phase 1 (Prototype) | Phase 2 (Product) | Phase 3 (Demonstration) |
|  |  |  |
| 1.16 | Expected Deliverables of the project |  |
| 1.17 | Societal Aspect of Proposed Work |  |
| 1.18 | Proposed Scientific Intervention to address the problem |  |
| 1.20 | Category of Project Proposal | (Please fill appropriate category. It may be one or more than one) |
|  | 1. Development of the Technology/Process/Product and Transfer
 | Yes/No | Explain How (not more than 200 words) |
|  | 1. Available Technology to be Validation and adaptation
 | Yes/No | Explain How (not more than 200 words) |
|  | 1. Technology and the knowledge dissemination among community
 | Yes/No | Explain How (not more than 200 words) |
|  | 1. Adaptation of the technology by the society
 | Yes/No | Explain How (not more than 200 words) |
| 1.21 | Possibility of scaling up? (Yes/No) | (if yes, please give plan) |
| 1.22 | Technology Readiness Level (TRL) |  |
| 1.23 | Details of required field work (if any) |  |

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| **2. Host Institution and Mentor’s Details** |
| 2.1 | Name of Host Institution |  |
| 2.2 | Type of Institution |  |
| 2.3 | Address |  |
| 2.4 | City |  |
| 2.5 | Pin |  |
| 2.6 | State |  |
| 2.7 | Name of Mentors |  |
| 2.8 | Designation |  |
| 2.9 | Department |  |
| 2.10 | Contact details (Email & phone) |  |
| 2.11 | Specialization area |  |
| **3. Budget Details (Max. Upto 5 lakhs)** |
| 3.1 | Justifications for each requirement |  |
| **4. Documents to be provided as attachment with application (all documents are mandatory)** |
| 4.1 | CV of Mentors |  |
| 4.2 | Details of Team Members (Max. 5) |  |
| 4.3 | Conflict of Interest Policy Document |  |
| 4.4 | Endorsement from Head of the Department |  |
| 4.5 | Highest Degree Certificate |  |
| 4.6 | Consent Letter from Mentor |  |
| 4.7  | Undertaking |  |

**Funding**

The financial assistance will be provided Phase-wise

1. Phase I-30%
2. Phase II-30%
3. Phase III-40%

**Note:**

1. **Kindly send the filled application through email to:** **TEC.PDEU@pdpu.ac.in** **and submit the hard copy to the following address: DST-Technology Enabling Centre, C-Block, First floor, 104**
2. **Incomplete application in any respect will be summarily rejected. The final screening and result is subject to modification and depends only on the screening committee as proposed by DST-TEC, PDEU.**

**Annexure 1**

**CERTIFICATION/ ENDORSEMENT BY THE HEAD OF THE DEPARTMENT**

* + 1. Dr. …………………………………………………..the Principal Investigator of the project entitled ………………………………………………………………………... ………………………………… ……………………………………………………………………………...……………………………………………………….…… will assume full responsibility for implementing the project.
		2. The date of appointment starts from the date on which the University/Institute receives the first sanction grant from the DST-TEC, PDEU.
		3. The investigator will be governed by the rules and regulations of the University/ Institute for the duration of the project.
		4. The University/ Institute will provide basic infrastructure and other required facilities to the Investigator for undertaking the research project.
		5. The University/ Institute will take into its books all assets received under this sanction and its disposal would be at the discretion of the DST-TEC, PDEU
		6. The research grant by DST-TEC, PDEU will be used to meet the expenditure on the project and for the period for which the project has been sanctioned as indicated in the sanction order.
		7. The audited statement of accounts, utilization certificates and other reports and documents as required under the scheme will be submitted to DST-TEC, PDEU.

**Signature and Stamp of the Head of the Department**

**Date:**

**Annexure 2**

**CONSENT LETTER FROM MENTOR/PI OF PROJECT**

I hereby declare my consent to act as mentor/PI Dr. …………………………………... for DST-TEC, PDEU grant for project entitled “……………………………………… ……………… …… …… ……………………… ……………………………………………………………… ……………… …… ………………………………………” implementation. I will ensure timely submission of duly signed project technical reports and financial reports by Dr. ……………..……….. to DST-TEC, PDEU. Outcome, from the aforementioned project will be gratefully acknowledged and also intimate to DST-TEC, PDEU in reports.

Thank you

Yours Sincerely

**(Signature with Stamp of Mentor/PI)**

**Annexure 3**

**UNDERTAKING**

I, Dr. ………………………………………… from Dept. of………………………… .……..

 Have been offered a project entitled “……………………………………………………………… ……….………… ……………… …………………..……”under DST-TEC, PDEU for research work for society by DST-TEC, PDEU, Gandhinagar. I accept the said project as ‘Mentor/Principal Investigator’ and undertake that:

1. During the entire tenure of the DST-TEC, PDEU Project, I shall abide by the rules and regulations of the DST-TEC, PDEU. Any change in rules and regulations by the DST-TEC, PDEU in future will be applicable to me during this project implementation.
2. As a recipient of the DST-TEC, PDEU Project, I shall also abide by the rules, discipline of the institution where I have been given the facility of work.
3. I shall complete the project work undertaken by me and submit a detailed consolidated report of project work through the competent authorities on completion of the DST-TEC, PDEU Project.
4. I shall not leave the Project before its completion without prior written approval of the DST-TEC, PDEU.
5. I also hereby declare that if the outcome of project can be exploited commercially by taking IPRs or otherwise commercial exploitation, the same shall be communicated to the DST-TEC, PDEU.
6. I have gone through detailed guidelines of DST-TEC, PDEU Project implementation. I have clearly understood and have accepted all the Terms & Conditions in full effect.

# **Signature of Mentor/PI**: ………………………………….

**Address: ………………………………………………**

**Date:**

 **(Signature and Stamp of Mentor/PI)**

**(Signature and Stamp of Head of Institute)**