



**CIRCULAR**

**Subject: Technology Development Fund for Ph.D. Scholars (Ph.D. Completed) for Prototype / Product Development under HEC**

**Introduction:**

The Higher Education Commission of Pakistan (HEC) has taken an initiative to finance completed interdisciplinary applied research projects for prototype development and industrial value addition for technology development. In this way, HEC envisages to help the productive minds of Pakistan to impact economy through new and emerging technologies.

The proposals shall be submitted by PhD scholars who have completed their PhD and have a ready research in the following specified areas;

1. Information and Technology /Computers (applications in Govt. services, health, textile, agriculture, dairy etc.)
2. Micro Electronics
3. Biotechnology (in health, agriculture, textile, dairy etc.)
4. Material Sciences/Man Made Material
5. Telecommunication
6. Robotics.

The proposed funded projects would be expected to develop a product or service which would positively impact, inter alia, the economy, solve a current problem, meet a market need, utilize local raw materials, move current products up the value chain or create large scale employment. The proposals need to be academia-industry joint projects leading to products or services which solve a current problem or identify a new opportunity; marketable, leading to positive cash-flows.

**Objectives:**

1. **Advancement of Knowledge:** Interaction with the industry and researchers in an academically diverse range of disciplines.
2. **Achievement of Excellence:** knowledge transformation for creativity and entrepreneurship to benefit students, industry and communities.
3. **Value Addition:** Use of technologies that will help Business and Industry for value addition of goods and services.



4. **Application of Knowledge:** Extension of knowledge and its exchange with Society and Entrepreneurs.

**Eligibility Criteria:**

Any Ph.D. researcher having an idea or has done initial research for product development is eligible to apply for this technology development grant. He/She would be required to submit proposal in collaboration with prospective industry, who can take up the product for its commercialization and marketing. The life of project will be for a period of not exceeding two years. For further details, see **Annex-I**.

**How to Apply:**

The applicants have to submit their research proposals on prescribed forms (**Annex-II**) to the Office of Research Innovation and Commercialization (ORIC), IIUI for initial scrutiny and onward submission to HEC.

Faculty members and researchers are therefore, requested to submit their concrete proposals to ORIC latest by **November 15, 2016**. For more detail, please contact ORIC team on 051-9019647 or visit <http://hec.gov.pk/english/services/students/TDF/Pages/Intro.aspx>

(Shafiq Ahmad)

Assistant Director (ORIC)

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