

## Extract of Research Policy document highlighting research promotion schemes (seed money) for the faculty

### 4.4 Research Promotion Schemes

To promote research in emerging and high impact areas, the University has undertaken initiatives to identify and nurture research clusters/research groups (RC/RGs), Faculty student Start-up groups (FSSG) and provide funds for Product Design and Development initiatives. The aim is to develop these clusters/groups to a level of competency that makes them further emerge as Centers of Excellence (CoE).

The Following research promotion schemes are initiated since 2015. Every year the call for proposals are sent to all faculty inviting applications from a faculty or group of faculty to the different internal funding schemes of the University. The review committee reviews these proposals and approves the funding. This fund is for one year and faculty or group needs to write fresh proposal for continuation or new proposals. Following are the types of activities which are funded.

- Capacity building projects
- Research Groups and Clusters
- Facility creation for Product design
- Incentive for R & D activities

The following section gives brief details about these activities.

#### 4.4.1 Capacity Building fund

Capacity Building fund is the seed money provided to the individual faculty to initiate the new areas of research and grow the research activity in an area aligned with focus areas of School/Department through Capacity Building Projects.

The objectives of these projects are

- To enhance the research capability of the faculty and research center/cluster/group.
- To provide the experience of carrying out a research project.
- To facilitate the process of applying for funds from external funding agencies.

#### 4.4.2 Research Cluster (RC)

Under the RC proposal a group of faculty get seed money for the focused research work, faculty group can be from the same department or inter-disciplinary in nature. Research Cluster is theme centered, e.g. energy, material science, ESDM, CVG, data analytics, etc. These centers synergize the efforts and expertise of faculty across the departments and create a platform

towards building higher levels of inter-disciplinary research/development /technology-translation/productivity. The aim is to get recognition and visibility in a chosen theme.

### **4.4.3 Research Group (RG)**

Under the RG proposal a group of faculty get seed money for the focused research work. This is similar to RC, wherein collaborating faculty can be from the same department or across departments. Research Group leads to initiation of research clusters in the collaborating area over a period of time.

### **4.4.4 Centre of Excellence (CoE)**

Under the RG proposal a group of faculty get seed money for the focused research work, which has shown significant outcomes in the last few years. The identification of RCs/RGs will be based upon the needs of the University, talent, passion and the ecosystem, which will sustain to evolve into Centres of Excellence (CoEs). This will help to identify the clusters of competence, which then go through two phases before emerging as CoEs. In Phase-1, RCs define roadmap, orient research and build capacity. In Phase-2, RCs contribute towards publications, funded research and consultancy projects, patents, etc. before elevating to a CoE. The CoEs will collaboratively work with University's innovation and entrepreneurship center (CTiE), and product design and development centers (CIPD).

### **4.4.5 Product Design and Development Grant (PDDG)**

The Product Design and Development Grant (PDDG) is given to a faculty or a group of faculty who involve in product innovation, design and development activity of the University and supports start-ups and industry. These faculty groups bring together the skill set and expertise of multidisciplinary group of researchers from Schools, Departments, RCs/RGs and industry towards technology translation, design and development activity of a product

### **4.4.6 Faculty student start-up grant (FSSG)**

This grant is given to faculty or group of faculties who involve with the start-up and students towards a product development and deployment.

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Dean R&D  
KLE Technological University  
Hubballi-31