



## **Vishwakarma Student Research Promotion Scheme (VSRPS) 2020**

The management of BRACT has allocated budget to fund research/development projects to be undertaken by the students pursuing UG and PG course in VIIT. Aim of the research promotion scheme is to encourage students to participate in research activities and to prepare them to respond to the current and future needs of the industry. This is also to inculcate research culture, so that more number of students shall opt for higher education and research career.

Grant available for each project is Rs **TEN thousands for UG students and FIFTEEN thousand for PG students** along with other support from department like usage of specialized equipment and tools, research material or arranging support from industry through collaborations.

### **Guidelines for preparation of the proposal**

1. The proposal shall clearly state the scope of the project, objectives; indicate current national and international status, methodology to be employed, and expected results and outcome of the project in the prescribed format.
2. The budget estimate shall provide the details under different heads such as equipment, consumables/raw materials and contingency, etc. as per the prescribed format.
3. Proposals to be submitted to departmental R&D coordinator, with prior approval from faculty, who is guiding the project and head of department.
4. Student(s) applying for the project grant, has to identify Principal Investigator (PI) while submitting the proposal.
5. PI shall act as Single Point of Contact (SPOC) for the execution of the project and responsible for documentation and communication related to project work.

### **Important Dates:**

Sr. No.	Activity	Deadline
1	Submission of online proposal from students group to departmental R&D Coordinator	14 <sup>th</sup> August, 2020
2	Shortlisting of proposals for online presentation	21 <sup>st</sup> August, 2020
3	Presentation schedule (Communication to Selected groups)	Last Week of August
4	Award of grant	Sep 5, 2020
5	Project duration	Sep. 2020 to June 2021

## **WHO SHALL APPLY ?**

### **For Category A**

1. All **Final Year B. Tech students** from all the departments, either for individual research or for group project.
2. **Second and Third Year B. Tech Students** can apply on strong recommendation from Professor from the Department / Any of Heads / Deans. This can be considered with project work / research work credentials of the student(s) and mentoring from faculty.

### **For Category B:**

1. All **Post Graduate** students **including doctoral students**, those are working under **FULL time student** category. Sponsored candidates are not allowed to apply for the grant.

### **Selection Process and Award of Grant:**

1. The grant **available for each project is Rs TEN thousands for UG and FIFTEEN thousand for PG** and the duration of the project is for **one year**.
2. Short listed project proposals will be called for presentation to evaluation committee. Decision of committee shall be final and binding to all participants.
3. The selection of the projects will be based on and presentation of short-listed proposals in front of Expert Committee and recommendation from Head of the concern department.
4. Faculty mentor of the project will hold the responsibility of all purchase process and students group cannot purchase any material or shall not spent any amount under other head of expense, without prior approval of the guide.

Execution and Monitoring

### **Monitoring of Grant Utilisation:**

1. The Principal Investigator and faculty mentor should submit six monthly progress report through departmental R&D coordinator. Final report shall be submitted along with the statement of accounts and utilization certificate at the end of academic year, prior to examination.
2. All assets generated out of the fund for the project will become the property of the institution and an entry in the dead stock/consumable stock/library is mandatory for sanctioning the bills
3. The budget estimate shall provide the details of equipment only. Consumables/chemicals/raw materials for test and book, travel etc. are not supported under these grant.

**Expected outcomes:**

1. A product prototype / experimental setup / test setup / sub-system for existing setup in laboratory or workshop.
2. A bound copy of the final report of work done on the project along with softcopy to be submitted with research wing on completion of the research project. A copy of the final report shall be kept in the library of the respective department(s)
3. A publication of a research paper in a national / international journal is desirable.
4. **For category B:** A product prototype / experimental setup / algorithmic work which can be extended towards product or application to funding agencies for further research.
5. **For category B:** A publication of a research paper in an international peer reviewed, indexed journal is mandatory

**POLICY FOR EXECUTION**

Researchers received grants under VSRPS shall adhere to following rules and procedures during execution and final submission of the project.

1. Every bill must be signed by project guide and head of the concerned department.
2. Traveling expenditure, excluding field visit, if any will not be sanctioned.
3. The group shall present their project work quarterly in front of the departmental project evaluation committee
4. The release of funds for next Installment will depend on the performance of work done at previous stage.
5. The affiliation of the institute is **MUST** in the research paper / poster published.
6. The final report of research project should include
  - (i) Technical Report along with conclusions and published, presented, accepted paper(s) in soft copy.
  - (ii) Statement of accounts with details of expenses and material specifications
7. In addition to terms and conditions in the document, governing rules of the institute and trust will govern the execution of the projects and these will be binding to all investigators.

**Dean (R&D)**

**Director**