JNNRIC Research Grant - Call for Proposals - 2019

1. BACKGROUND

Innovation is turning an idea into a solution that adds value from the users' point of view. Innovative ideas can be big or small, but breakthrough or disruptive innovation is something that either creates a new category, or changes an existing one dramatically, and obsoletes the existing market leader.

In the present scenario, in order to progress and excel in Engineering education, it is very much essential for the Technical Institutions to have a good academic environment (committed faculty and students), active research and innovation and effective Industry- Institute interaction.

To enhance the Research and Innovation initiatives at JNNCE through a dedicated platform, JNNCE Research and Innovation Centre (JNNRIC) has been set up in JNNCE in July 2018.

JNNRIC Seeks to :

(I)   promote spirited inquiry and systematic investigation that will contribute to the knowledge base of science and technology ;

(ii)   focus on individual, community, or societal issues;

(iii)   be responsive to current theoretical perspectives and ecological conditions driving change in science and technology ;

(iv)   be governed by ethical consideration for research participants and society as a whole; and,

(v)   inform and improve both policy and practice.

JNNRIC seeks to nurture innovation and encourage entrepreneurial talents among students, faculty and people of the region, and to facilitate inter-disciplinary research and coordinates with Incubation Center to bring up start-ups and promote budding entrepreneurs.

The JNNRIC is now issuing a call for proposals for the year 2019 from the Faculty, staff and students of JNNCE for funding their research projects in the above/ allied areas.

2. SCOPE

Faculty, Staff and Students responding to this call can focus on a wide range of projects. This might include research proposals addressing the following thrust areas or issues allied thereto :

* Agricultural Technology

* Renewable Energy and Energy Conservation System

* ICT for Socially relevant problems

3. AVAILABLE FUNDING

JNNRIC will assist Faculty, staff and students to boost the research and Innovation by way of funding to a certain extent (seed money) every year as follows :

Sl. No.	Project type	Funding/Project (INR)	No. of projects	Total Funding (in INR)
1	Innovative Project	Up to Rs. 25,000/-	10	2,50,000
2	Research & Innovation Project	Up to Rs. 50,000/-	7	3,50,000
3	Research Project	Up to Rs. 1,00000/-	9	9,00,000

4. PROJECT DURATION

From the date of sanction of funding, the duration of project is as below :

Sl. No.	Project type	Duration
1	Innovative Project	Maximum One year
2	Research & Innovation Project	Maximum One year
3	Research Project	Maximum Two year

5. ELIGIBILITY CRITERIA

To be eligible for funding from JNNRIC research grant, the following conditions must be met:

*   The applicant/s should be Faculty, staff or students of JNNCE, either individually or a combination of all. If the applicant is a student/research scholar, then it is mandatory to have a Faculty Mentor, drawn from the concerned Department.

*   All the proposals must be submitted in the prescribed application form, appended to this CFP and available on the google drive shared to Faculty.

*   Applicants must ensure that the application contains sufficient information for evaluation. Incomplete applications and applications that do not use the application form will be rejected.

*   Proposals must be submitted electronically to jnnric@jnnce.ac.in on or before 20th Sep 2019.

6. EVALUATION CRITERIA

All eligible proposals will be evaluated according to the following criteria (100 points total, with the cut-off for acceptance set at 75 points):

*   10 points: Relevance to focus areas/themes of JNNRIC; current research trends in academics/industry; national/societal stated priorities

*   20 points: Feasibility of the project (in terms of scope, time, budget, qualifications of the applicants)

*   10 points: Quality & Strength of the research team and of the research-industry collaboration through design, implementation, and interpretation. (i.e., collaboration can include combinations of faculty members, administrators, industry professionals)

*   20 points: Quality of the written proposal, i.e., clarity, organization, and design (method, data, analysis)

*   10 points: Evidence of familiarity in the area of research or project

*   20 points: Expected outcomes and research impact including contribution to knowledge base

*   10 points: Strength of Knowledge-sharing/dissemination plan

7. PROCESSING OF PROPOSALS

The process of evaluating the proposals will be administered by JNNRIC. The evaluation procedure leading up to a funding decision as follows:

Eligibility   :   Proposals will be examined to check eligibility and adherence to the requirements of this call. Only applications which meet all the conditions set out in this context will be eligible and will be included in the evaluation procedure.

Peer review   :   Eligible proposals will be submitted for evaluation to external, independent referees for peer-review.

Programme Committee :   The Programme Committee of JNNRIC will make a final funding recommendation based on the peer review evaluation and other relevant considerations.

Funding decision   :   Based on the recommendation from the Programme Committee, JNNRIC will make a final funding decision on 10th Oct 2019.

8. FUNDING ADMINISTRATION

*   Applicants will be notified about the outcome of the funding decision, and JNNRIC will sign a contract/MOU with the applicants shortly thereafter. This contract/MOU will set out the specific funding details in accordance with JNNRIC's Policy Terms and Conditions, as well as the rights and obligations of the team involved in the project.

*   The grant will be disbursed to the Principal Investigator/Primary Researcher named in the application, as per approved disbursal plan and schedule.

*   Implementation of the project will be monitored via monthly progress reports. A final report with Utilization Certificate must be submitted to JNNRIC within two months from the completion of the project duration/funding period.