ANITS Research centre

Guidelines for Research Project /Seed money proposals

A. Objective:

ANITS aims to provide the financial assistance / seed money for the start up of research projects in the fields of Engineering, Science and Humanities.

B. Eligibility:

1. All faculty preferably Assistant and Associate professors can avail the research grant.
2. The eligible faculty can submit the proposal during 1st week of July of every year.
3. The approval of the project will be considered based on the recommendations of the research committee duly constituted.
4. The research proposal should contain one Principal Investigator and One or two Co – Principal Investigators from different departments.

C. Nature of Assistance:

Research grant (max. of Rs. 2,00,000/-) can be granted based on the research proposal.

(i) Non-recurring grant (not exceeding 75% of the total grant):

a) Equipments (Purchase of computers, laptops, printers not accepted)

b) Books and Journals (not exceeding 10% of the non-recurring grant)

(ii) Recurring grant (not exceeding 50% of the total grant):

a) Contingency (not exceeding 10% of the recurring grant)

b) Chemicals, consumables and others

D. Duration of project:

The duration of the project will be maximum of two years from the date of sanction.

E. Release of funds:

The amount sanctioned is released on time basis.

(i) First installment: 100% non-recurring and 50% recurring.

(ii) Second installment: 30% recurring

(iii) Third installment: Balance amount.

Sanctioning of 2nd and 3rd installments is usually made based on the half-yearly reports and extent of work and the recommendations of the committee.

F: General:

(i) All the assets in the form of equipment and other items purchased are the sole proprietary of the college and the centre.

(ii) Project is not transferrable in any circumstance.

(iii) No extension in tenure is permissible in any circumstances.

(iv) If, the investigators fail to complete the project, he / she have to refund the entire amount released with interest.

(v) The final report should be submitted along with the bills enclosed for auditing.

(vi) Applications are to be forwarded through the proper channel.

Various centers at ANITS research center:

1) Center for sustainable development (Renewable Energy, Environmental Sciences)-

2) Center for IoT / advanced computing (ECE, CSE, IT)

3) Center for Humanities and man-kind, direct issues related to society (English, Sciences and Engg)

4) Center of robotics and intelligence systems (CSE, IT, ME, ECE and EEE)

5) Center for Material Science and Technology (Chemical, Chemistry, Physics, Mech, Civil)

Project Summary :
(The project summary should contain rationale of the research, its scientific objectives, what hypothesis/model to be tested, the main experiments to be carried out, and an estimate of the significance to the field of research if the objective is reached in terms of fundamental understanding and or application.) Max Words : 300

Keywords (Max. 6) :

Objective (in bullets) :
(These should be very specific, to be given in bullet points for the work to be carried out (not more than 6 bullet points). These will serve as evaluation criteria at monitoring stage.) Max Words: 150

Expected output and outcome of the proposal :
(The products, services or facilities that would result from the project activities; and the benefits that may happen from the project activities such as Research publications may be highlighted.) Max Words: 150

Other Technical Details

1. Origin of the Proposal: (Maximum 1 page) (Scientific rationale for doing this work should be elaborated)

2. Review of status of Research and Development in the subject
2.1 International / National Status: (Maximum 1 pages) (Researchers working in the area worldwide and their contributions must be properly highlighted with recent references and reviews.   A correct and faithful description of the international research status must be given)

2.2 Importance of the proposed project in the context of current status (Maximum ½ page) (Highlight what is the new area or gap which will be solved in the project in relating to what is already known. This is a very important section to project the novelty content of the proposal)

2.4 If the project is location specific, basis for selection of location be highlighted:

3. Work Plan:

3.1 Methodology: (Maximum of 2 pages) (It should contain all the details of how each of the objectives will be addressed. This section must be detailed and have clear plans, not

vague and generalized statements. It should have several schemes, tables, figures, equations etc. in addition to text, explanation and justification of why the project research plan will work)

3.2   Time Schedule of activities giving milestones through BAR diagram. (Maximum 1 page)

3.3   Suggested Plan of action for utilization of research outcome expected from the project. (Maximum ½ page)

3.4   Environmental impact assessment and risk analysis. (Maximum ½ page)

4.   Expertise:

4.1   Expertise available with the investigators in executing the project: (Maximum 1 page) (Professional expertise existing with each of the investigators in terms of publications, Patents and preliminary results, to execute every component of the proposal should be highlighted)

4.2   Summary of roles/responsibilities for all Investigators: (If the proposal contains more than one Investigator, it is important to clearly mention the role of each Investigator in implementing the objectives of the proposal.)

S. No.   Name of the Investigators   Roles/Responsibilities

1.

2.

3.

4.3   Key publications published by the Investigators pertaining to the theme of the proposal during the last 5 years

4.4   Bibliography

5.   List of Projects submitted/implemented by the Investigators (All the Investigators should list out details of the Projects submitted, implementing and completed by them. The list should start with the Projects implemented by the Principal Investigator, followed by Co-PI1, Co-PI 2 etc.)

5.1   Details of Projects submitted to various funding agencies:

S. No   Title Cost in Lakh   Month of submission   Role as PI/CoPI   Agency Status

5.2   Details of Projects under implementation

S. No   Title Cost in Lakh   Duration   Role as PI/Co-PI Agency

5.3   Details of Projects completed during the last 5 years

　　　　S. No   Title   Cost in Lakh   Duration   Role as PI/Co-PI Agency

6.   List of facilities being extended by parent institution(s) for the project implementation.

6.1   Infrastructural Facilities in the college such as workshop, water , electricity power, transport, computational facility, library etc., Please Specify

6.2   Equipment available with the Institute/ Group/ Department/Other Institutes for the project:

　　　　Equipment available with Generic Name of Equipment Model, Make & year of purchase Remarks including accessories available and current usage of equipment PI & his group PI's Department Other Institute(s) in the region

7.   Name and address of experts/ institution interested in the subject / outcome of the project.

BUDGET SUMMARY

	Year –I (Amount in Rs)	Year –I (Amount in Rs)	Total
Non -Recurring			
Equipment			
Others (Specify)			
Recurring			
Consumables			
Travel			
Contingency			
Manpower			
Overheads			
Others (Specify)			
Total			

Equipment:

Year	Description	Amount	Justification
Year -1			
Year -II			

Consumables

Year	Description	Amount	Justification
Year -1			
Year -II			

Travel:

Year	Description	Amount	Justification
Year -1			
Year -II			

Contingency:

Year	Description	Amount	Justification
Year -1			
Year -II			

Manpower :

Year	Description	Amount	Justification
Year -1			
Year -II			

Overheads:

Year	Description	Amount	Justification
Year -1			
Year -II			

Other Costs:

Year	Description	Amount	Justification
Year -1			
Year -II			