**Anil Neerukonda Institute of Technology & Sciences (Autonomous)**

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC )

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87 Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in) email: principal@anits.edu.in



**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 with at least one year of their service in ANITS can avail the research grant.
2. The eligible faculty can submit the proposal during 1st week of July in every year.
3. The research proposal should contain one Principal Investigator and One or two Co – Principal Investigators from different departments.
4. The proposals will be scrutinised thoroughly by research committee for eligibility of Principle Investigator, budget allocation, importance of the work and relevance to society.
5. Interdisciplinary project proposals will be given importance in scrutinising.
6. The final approval of the project will be based on the recommendations of the research committee duly constituted.

**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 any faculty desires to leave the institution, he/she can do so after competition of the seed money project and submission of the report.

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

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

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**Title of the Project:**

**Principal investigator:**

**Co-Principal investigator:**

**Technical Details**

**Scheme: Seed Money Grant Duration: 24 months**

**Area: Total cost:**

**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 |  |  |  |
|  |  |  |  |

Signature of Co-PI Signature of the PI