

Research & Development Policy



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)

Introduction:

Research is the backbone of academics. It simplifies concept building and transforms new ideas into innovations in pursuance of a new era of passion for researchers. Each finding gives immense pleasure and multiplies enthusiasm towards achieving target. The Research and Development Cell aims to nurture research culture in the institute by promoting research in emerging and challenging areas of Engineering, Technology, Science and Humanities. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competition, etc.

Objective:

1. To create a platform for obtaining sponsored projects
2. To promote quality research publications
3. To provide consultancy services to the society / industry
4. To promote innovation and patents
5. To promote interdisciplinary research

Research & Development Cell (R&D Cell)

ANITS established R&D cell to monitor and promote research projects, publications, consultancy, activities related to research promotion and the issues related to research and development. The committee is lead by R& D Convener nominated by principal and supported by one senior faculty co-ordinator from each Department.

Objectives of the R&D cell

1. To create awareness and opportunities in Research and Development among the students & faculty.
2. To create interest and atmosphere among the staff members to take up Research projects and improve their knowledge, skills and qualifications.
3. To encourage staff members and students to publish their research work in reputed International Conferences/Journals.
4. To assist faculty for applying research proposals to various funding agencies.

The following are the research promotional activities taken care by the R&D cell of ANITS.

I. Financial Aid and Support for Pursuing PhD

1. Deputation under the Quality Improvement Program (QIP) for doing Ph.D. For this, Faculty member must have put in at-least 3 years of service at ANITS are eligible to apply for QIP.
2. A Faculty member who gets admission in any I.I.T/I.I.Sc/NIT for PhD will be considered for grant of study leave and financial support during the leave period. The quantum of financial support will be decided by the Staff Development Council (SDC). Extending this type of support is subject to the concerned faculty member giving an assurance in a manner to be decided

by the SDC that he/she will serve ANITS after completion of the PhD, Program for some specified period to be determined by the SDC based on the length of the study leave period and the quantum of financial support extended.

3. Any faculty member who wishes to do PhD on Part-time basis while continuing to work in the institute, will be considered by the SDC for support in one or more of the following ways:
 - a) Re-imbursement of registration fee paid to the university and the expenses towards preparation of the thesis, subject to a ceiling of Rs. 15,000/-
 - b) Relieving him/her of some/all of the administrative responsibilities, if any, and arranging the time-table in such a way that his/'her normal teaching load (Theory & Practical) is taken care of in 3/4 days of the week, so that he/she can be given 'off' for ½ days in a week for concentrating on the PhD work.
 - c) Giving study leave with full salary for a period of up to a maximum of 4 months either at a stretch or in few spells of 15 days each time for devoting his/her time for doctoral work.

NOTE: The total number of 'off' days under (b) and (c) above, excluding Sundays and other holidays, shall not exceed 120 days for any individual faculty member.

1. Support as in (b) and (c) will be given only to faculty members whose PhD work is in a relatively advanced stage and it will be reviewed periodically by the SDC. Extension of support is dependent upon satisfactory progress in the research work as perceived by the SDC and certified by the Research Committee/ Thesis Supervisor.
2. Candidates getting support under (2) above will be eligible for 3 increments when Ph.D. degree is awarded to them.

II. Faculty Encouragement for Research Paper Publications:

Faculty will be awarded Rs. 5000/- in for publishing research papers in Science Citation Indexed journals with good Impact Factor cited by Thomson and Reuter/Clarivate, Rs.3000 /- in UGC CARE listed journals. Only the first two authors are entitled for the incentive.

i) Deputation to Refresher Courses, Workshops & Seminars:

To enable the faculty of ANITS to keep themselves abreast of the latest developments in their fields of specialization, which is absolutely essential in these days of rapid changes in technology, they will be deputed, at regular intervals, to attend short term refresher courses, workshops, and seminars etc. being organized by various I.I.Ts., I.I.Sc., N.I.Ts., Universities and other reputed institutions. Faculty members so deputed, will be treated as 'on duty'. The registration fee for the course (subject to a ceiling of Rs.5000 /-) will be borne by the ANITS and the faculty will be Paid to- and-fro train/bus fare /DA as per HR policy. Deputation of faculty members for such refresher courses will be decided by the principal based on the recommendation of the Head of the Department concerned.

ii) Faculty Members Presenting Research Papers:

Faculty members presenting their research papers in Regional/ National/ International Conferences/Seminars/Workshops will be paid the registration fee (subject to a ceiling of Rs. 5000/-) and also to-and-fro train/bus fare /DA as per HR policy, provided the International Conference is held within the country and the conference proceedings published full length paper with proper ISSN No and should be available online. Further, they are treated as “on duty” for the duration of the conference and the to-and-fro travel time. For International Conferences outside India, the faculty who got Travel assistance from outside agencies, financial support for other expenses which were not covered in the sanction letter may be provided by the management. The amount on such case will be the discretion of the management based on host country of the conference.

III. Sponsored Research Projects

The faculty shall apply for funding support from the Govt / Industries, to do Sponsored/ Collaborative research based on the call for proposals from the agencies. The Principal Investigator (PI) / Principal Co-investigator shall forward the proposals to Principal through proper channel. The PI shall then submit the application along with supporting documents based on the approval to the Funding Agencies after the approval of central research committee. A Junior research fellow / senior research fellow can be appointed based on the interview performance and the panel consists of PI, HoD, internal and external expert, Principal and management members. The progress of the project is reviewed once in six months. The PIs shall prepare the Project Completion Report, Utilization Certificate and Publications / patent list to the Sponsoring agency through the HoD and Principal.

Faculty received external grant will be awarded suitably appreciated with incentive as per the details provided below.

Type of Grant	Grant Amount	Incentive	Remarks
Research Project, Travel Grant, Seminar Grant, Conference Grant, STTP, FDP, Refresher, Induction, ATAL programs and any other grant	upto Rs.1000000/- (Ten Lakhs)	Rs.5000/-	Subject to recommendation from Principal and Management
Research Projects and any other grants	above Rs.1000000/- (Ten Lakhs)	Rs.10000/-	Subject to recommendation from Principal and Management

IV. Consultancy Activities

To provide service to the society and industry, consultancy is offered by the faculty in their expertise domain. Based on the request from the clients, the faculty expert offering shall place a requisition to the principal through proper channel. The quotation / work order will be raised and on the interests of client and faculty, the work will be carried out.

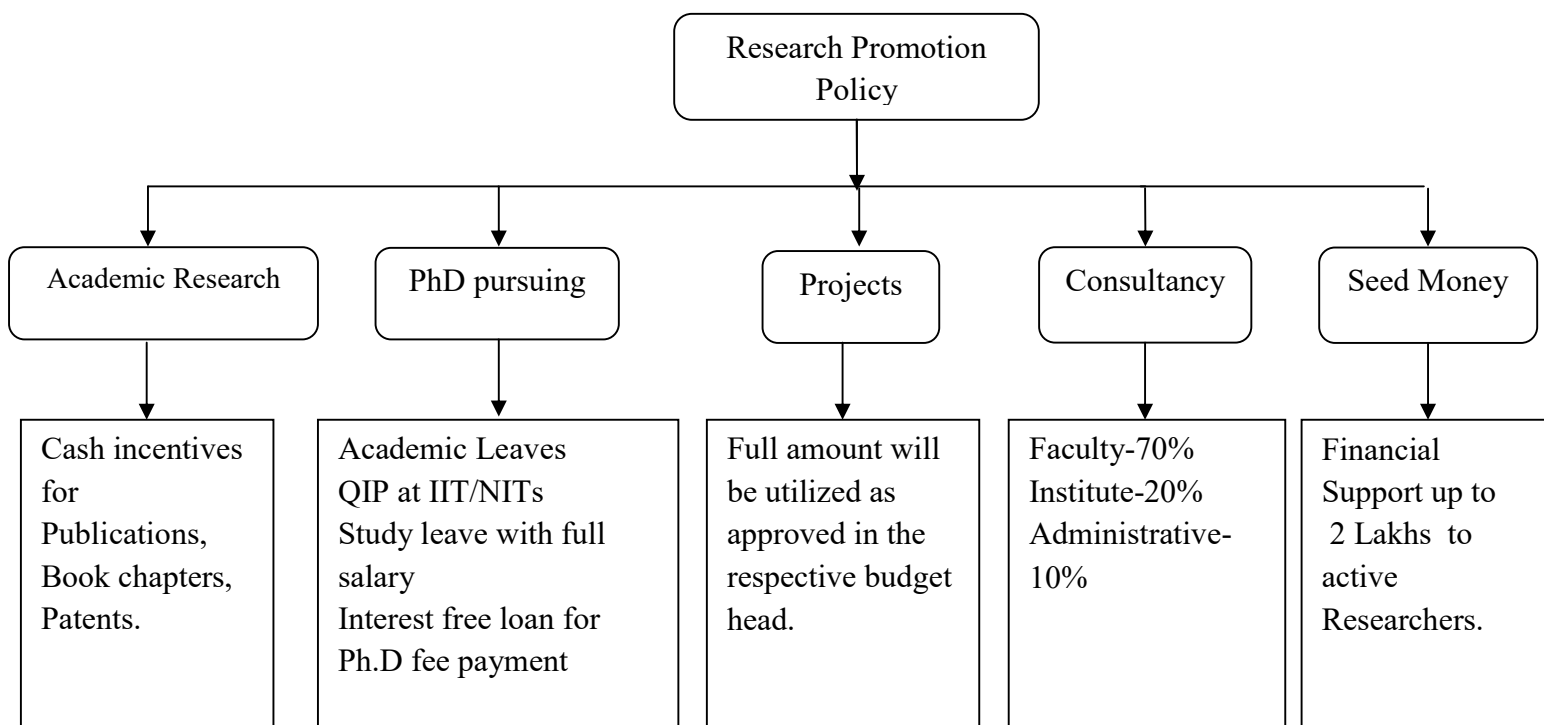
The financial gain, if any will be shared between Institute (20%), Faculty (70%) and administration charges (10%). The reports and the progress will be reviewed in a committee formed on timely basis.

V. Innovation and Patents

The Institute has entrepreneurship development cell presently named as Institute Innovation Council (IIC) to develop entrepreneurship and innovation skills among faculty and students, IIC at ANITS is a unique model which promotes innovation and incubation of ideas among student and faculty fraternity. IIC helps to build the entrepreneurship ecosystem in the institute and it would be a platform to bring the budding technical ideas of young upcoming engineering graduates into reality. IIC will be conducting various activities like interactive sessions of renowned entrepreneurs with students, being a facilitator in filing patents of novel ideas of the institute fraternity. In the future, the center is striving hard to be a center of excellence for startups. The institute shall provide support required for filing the patents and also for completing the ground work required to get the patents registered and licensed. The institute shall provide required support to the faculty for filing IPRs and copyrights when it has been proved by the faculty that such a filing is necessary to protect the value of the research done. The institute shall provide support for organizing the programmes related to innovation and incubation. Faculty will be awarded Rs. 5000/- for granted patent, provided the faculty must be one of the investigator. However for published patent the faculty may upload in AICTE-KAPILA portal with the help of SPOC for reimbursement of application and examination fee.

VI. Book /Book Chapter Publication

Faculty who publish books in reputed publishers will be awarded Rs.5000/- with proper ISBN No., available online and also provide hard copy. Book publications which publish only online and without ISSN No. will not be considered. Conference proceedings which were published in book chapters will not be considered, however it may be considered under conference proceedings.



VII. Code of Ethics and Plagiarism:

All department research coordinators have online access to **TURNITIN** Plagiarism check software. All Post Graduate Students thesis should include the copy of Plagiarism check report. If plagiarism is detected in the Publications / Thesis of any other faculty / student he/she shall be liable for disciplinary action.

VIII. Guidelines for Research Project /Seed Money Proposals

A. Objective:

ANITS aims to provide the financial assistance / seed money for the startup 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 instalment: 100% non-recurring and 50% recurring.
- (ii) Second instalment: 30% recurring
- (iii) Third instalment: Balance amount.

Sanctioning of 2nd and 3rd instalments 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 I nvestigators 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.

Principal
ANITS