



NEHRU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution affiliated to Bharathiar University)

(Reaccredited with "A" Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified)

Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)

Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.

INSTITUTIONAL POLICIES



4. RESEARCH POLICY

Preamble:

Research constitutes theoretical interpretation and experimental components to reach meaningful conclusions. In an academic Institution, research plays a vital role in inciting scientific temperament in faculties and students. The Government of India through various funding agencies and Management of Self-Financing Colleges offer substantial financial support to carry out research that leads to Publication either in Peer Reviewed Journal or to a Process or a product, which results in Patent or Copyrights.

To avail the funds from various Indian Agencies, the Research Cell circulates the advertisement appearing on the web sites to all members of the faculty. Similarly, the Management circulars for submitting in-house projects and seed funds are also circulated among all members concerned. In addition, advertisements relevant to Students Internship, Summer Research Fellowships, and Visiting Scientist fellowships offered by various Indian Academy of Sciences and Central Institutes like – TIFR, CNeS, IIT's are also disseminated among staff and students. This is to stimulate faculties and students to pursue research at Central Institute under the guidance of a Fellow of the National Academy of Science and Scientists. This paves way for the younger generation to identify, do domain-specific quality research, and get through UGC CSIR-NET exams. Faculties are also encouraged to submit proposals for getting financial assistance for organizing both national and international level Workshops, Conferences, Symposia, Seminars, etc.

Vision:

To empower the faculty and students in the area of Research & Development by providing seed money through in-house projects and guiding them to get government funds for implementing their innovative research and product development ideas.

Mission:

To motivate faculty to undertake seed money projects and assist in filing research proposals for grants from various funding agencies like UGC, DBT, DST, etc.



To encourage multi-disciplinary research internally within the institute and externally with other organizations

To encourage the staff and students to attend and publish papers in various national/International conferences of their specialized areas.

To assist the Faculty, Research Scholars, and Students in the filing of IPRs like Patents and Copyrights.

To facilitate the signing of MOU with Industries and R & D Organizations for research and development.

4.1 Scope and Applicability of the policy:

This document of NASC research policy guidelines applies to all members of faculties involved in any domain-specific research which leads to journal publications/patenting of either product or process/copyrights/trademarks.

4.2 Policy statement:

NASC is committed to being a research and innovation-driven Self-Financing, Autonomous College. The aim is aligned with the vision and mission of NASC. To attain this mission, it is to perform and pursue basic, targeted, and applied research in all domains after adhering to ethics for the advancement of knowledge and development of product or process that leads to quantifiable and quality outcomes. This policy provides a set of rules and regulations for the conduct of research in all domains and applies to all full-time, and part-time research scholars, faculties, and all UG/PG students.

4.3 Rationale:

NASC policy is to ensure that individual Research Scholars are free to select broad and narrow disciplines, either interdisciplinary or multidisciplinary disciplines, and get support from various schools and sister concerns for their research work. They are also free to form their theories, explanation, and findings in their research report where they draw certain meaningful conclusions.



It is important to emphasize that all research reports and publications arising out of the NASC research programme must carry the official address and mail id of contributors in the published book chapters, books, articles, patents, copyrights, and online or offline reports. These reports are open to external and internal scrutiny and comments and criticism.

At the same time, NASC adheres to policies framed by policymakers. As an academic Institution, NASC offers a conducive environment for research in all available disciplines but infrastructure like sophisticated instruments for getting authenticated and meaningful results are accomplished by using SAIL/i-STEM.

It is also mandatory that NASC research platforms are not used to argue against widely acclaimed research positions against the national policies of India or the universally accepted international law and provisions.

4.4 Research Objectives:

- a] Include research as an integral part of syllabi
- b] Enhance and maintain the quality of research
- c] Enhance funding support for research through external and internal funding agencies
- d] Coordinate and motivate Research activities undertaken by students which are aligned with National focused areas
- e] Encourage and facilitate Interdisciplinary and Multidisciplinary Research within different Departments and Institutes

NASC expects all the existing faculty members to undertake research activities in addition to regular teaching and administrative responsibilities and should seek financial assistance from various Indian funding agencies

4.5. Human Resource Development and Management:



4.5.1 Identifying the core competencies, weaknesses, and strengths along with their soft skills to maximize research potential and hidden talents in faculties and offering appropriate development programmes to overcome the weakness and maximize the contribution to NASC

4.5.2 It is essential faculties update their knowledge and skills continuously through workshops/FDP/Refresher programme / Workshop cum lecture. It is expected that faculties generate their funds for research. NASC may also support the research activities. The extent of the support will be decided based on the potential of the research outcome on peer review

4.5.3 There are several distinguished Scientists, Researchers, Academicians, and other eminences that are associated with NASC may be contacted to deliver Guest lectures, Talks during Seminars and Conferences or workshop

4.5.4 Regular international/national conferences should be organized to diversify research capabilities through collaborations

4.5.5 NASC may select and offer a few research Scholars for NASC Research Fellowships

4.5.6 All doctorates are expected to guide UG/PG or doctoral students during their training/research projects/dissertations as detailed separately

4.6 Generation and utilization of funding resources for research:

4.6.1 All members of faculties are expected to seek funds from Government funding agencies to carry out research activities. NASC also offers seed money for testing the feasibility of new ideas/concepts into products/societal benefits as detailed separately as seed money projects

4.6.2 All researchers are updated with information regarding schemes for funding opportunities announced by various national agencies/private agencies from time to time. Various Internships/Summer Research Fellowships/ Young Women Scientist Scheme/INSA- Young Scientist Fellowship programme are been circulated to all concerned through social media

4.6.3 To improve the quality of research proposals, a short-term training workshop for young researchers is regularly organized about the writing of project proposals, selecting appropriate journals for publications, and ethics in research



4.6.4 The quality of the research proposal may be evaluated by subject experts and the proposal may be submitted online from Research Cell

4.6.5 It is the responsibility of the PI/Co-PI to implement the project by recruiting research personnel, and submission of the yearly and final report to the agency for the smooth running of the project

4.6.6 The progress of the research is monitored by committee members and subject experts after a definite period and is evaluated. The suggestions for better outcomes are all disclosed during the review meeting

4.6.7 All funds allocated to the research projects will be utilized for the specific purposes for which it has been sanctioned. All funds are utilized as mentioned in the original sanctioned letter sent to PI

4.7 Dissemination of Research Outcomes:

4.7.1 Protection of IP generated as an outcome of the research, a conversion of the same for commercial benefits/ societal use under the research guidelines

4.7.2 To publish the research outcomes and gain recognition among peers for the quality of research being undertaken in NASC as envisioned in the vision and mission

4.7.3 Presentation of research findings in Symposia/Conferences and similar forums for sharing research outcomes, inviting comments and suggestions from peers in related fields, and doing collaborative research for better understanding

4.7.4 Publications of Books and Book Chapters for dissemination to specific target audiences

4.8 Rules and Regulations:

All research activities are required to be conducted according to the rules and regulations of Bharathiar University/UGC/ethical clearance if any

4.9 Research Policy

The purpose of the Research Policy is to develop the Research Atmosphere and Culture among faculty and research scholars at Nehru Arts and Science College. The Research Policies have



been divided into two criteria 1) Academic Research Policy and 2) External and Internal Research Policy.

4.9.1 Academic Research-Related Policy:

- All eligible members of the faculty (without a doctoral degree) must register for the doctoral program within 6 months / upcoming sessions from the date of appointment
- The existing faculty, who have not registered for Ph. D. must register for the same in the upcoming session
- Faculty publication in either WEB of science or SCOPUS-indexed journals and Book publications are appreciated with appropriate incentives
- All publications and research papers of faculty have to go through a plagiarism check by the Research Expert Committee, constituted internally
- Staff shall be allowed to attend Conferences / Seminars / Meetings for which the Institution may bear the expenses of Registration or Conference fees, travelling and daily allowances/accommodation, and boarding charges subject to the approval of the principal
- All Post Graduate Research Projects (All streams) shall lead to at least one research publication in a High Indexed National Journal
- All Graduate Research Projects (Star Departments and all streams) shall lead to at least one research publication in our College Journal (Nehru e-Journal)

4.9.2 Publication Incentive Norms:

- The affiliation must be Nehru Arts and Science College
- Applicable only for papers published in Science Citation Index (SCI) Journals / Web of Science/ Scopus Indexed/ UGC Referred Journal
- Faculties are advised to publish Joint Research Papers with experts from Leading Institutes / Industries
- If any Research Guide joins NASC from other Institution must transfer their candidates to NASC. Same way, if any Guide resigns from NASC must transfer their Scholars to the Institution they join

4.9.3. Sponsored and Internal Research-Related Policy:



- Every eligible Faculty/ Department must apply for Incubation Facility under NGI
- Every doctorate shall apply for a minimum of one funded project from State / National funding agencies
- To motivate the research aptitude among faculties seed money will be provided by the Institution for internal projects
- All the eligible faculty/departments must apply for Seed Money Projects each semester
- The Institution will provide the basic infrastructure required to conduct either internally funded or externally funded research
- Faculties are encouraged to identify inter-disciplinary research in their chosen field of research
- Principal investigators will be rewarded with 2% of the Received Fund by the management upon submission of the Utilization Certificate (UC)

- Staff Members without a doctoral degree in various Departments are motivated to register for Ph. D in the upcoming session
- Increasing the Number of Research Guides
- Workshop on writing research projects for various funding agencies
- Applying Research Projects, Seminar, and Workshop Grants to various State and National funding agencies
- More Number of Funded Research Projects tie-ups with other Institutes and Industries
- In-house projects (Seed Money) to Faculties
- Increasing the funding amount of the seed money for faculties
- Increasing the number of product-based projects through seed money
- Continue to develop our collaborative links with new Universities globally
- Faculty and Student Exchange Programmes
- Have significant interactions and ongoing projects with other leading universities globally

4.10 ROAD MAP OF THE CENTRE

4.10.1 Research Projects and Funds

Research Project support received from Government and other sponsoring agencies is an important resource for infrastructure augmentation, and faculty and institutional visibility besides



complementary teaching. The Institutions Research committee would identify a list of funding agencies and develop a seed money scheme to conceive research ideas and realize the project. For collaborative research, there will be a formal agreement between the parties involved in the project. Then the proposal can be submitted to the agency for financial assistance. One of the main objectives of this research policy is to mobilize research funding from Government/ Non-government agencies, industries, and others.

a) Seed Money (Internal Funds)

Seed Money support is provided to faculty members to do bench-mark (pilot studies) of their choice and then develop projects for extramural support. Seed money projects are selected based on the advertisement, applications, and project Proposals with presentations.

4.10.2. Selection Procedures

Each year, a circular along with the application format is circulated among all staff members in November with a list of staff. We confirm the reach ability by their signature. We allot fifteen days to submit the proposal. The submitted proposal in PDF format is consolidated and sent to the subject expert for preliminary scrutinization. The short-listed faculties are advised to appear for presentation in presence of the Principal, Research Committee members, and subject experts

The faculties will elaborate for fifteen minutes in the following headings:

1. Title of the project, Name of the faculty, Designation, and Department
2. Introduction
3. The rationale of the project
4. Methodology

Expected Outcomes:

- a) A process that can lead to patent or copyright
- b) Leads to the publication either in SCI or WoS journals
- c) Marketing the product with further financial support from NGI-TBI
- d) Transfer of the standard protocol to industries for royalty



1. The selected faculties are appreciated in a ceremony with an offer letter duly signed and authorized by The Principal of NASC
2. The monitoring Committee closely monitors the progress of the research work done by the faculties once in two months by the same subject experts, the Principal, and Research Committee members for thirty marks. Suggestions are given for the betterment and to fulfill any one the expected outcome
3. At the end of six months the faculties should have fulfilled the objectives of the proposal and attained the outcomes expected from the project
4. The faculties should submit the utilization certificate in the prescribed format after verification by concerned section officer and finance officer within a month time of completion of the project
5. The faculty member should have acknowledged the Management for getting financial assistance by quoting sanctioned letter numbers

[Application for Seed Money Project Proposal for the Academic Year 20 - 20](#)

1. Name of the Staff :

2. Department :

Designation

Address

Phone & Mobile number
3. Project Title :
4. Sector : Arts/ Sciences/ Humanities
5. Project Details : (Elaborate write up is to be given for each item including justification for acquiring / fabricating



equipments / apparatus in the budget)

1. Introduction
2. Objectives
3. Methodology
4. Work Plan
5. Budget:

A] Permanent equipment

B] Consumables

C] Contingencies

D] Overhead expenses

Any other details:

6. Has a similar project been carried out in our college/elsewhere? If so, furnish details of the previous project and highlight the improvements suggested in the present one :



UTILISATION CERTIFICATE

This is to certify that two copies of utilization certificate and final report of the project will be submitted to the Centre for Research and Development of Nehru Arts and Science College after completion of the project.

**Signature of the Staff
Principal /**

Signature of the HOD

Signature of the

Head of the Institution

Signature of the Section officer

Signature of the Finance officer with seal

[NEHRU GROUP OF INSTITUTIONS]



External Funds:

All researchers are encouraged to get funds for research through submitting research proposal to Government and Non-government agencies.

4.11 RESEARCH BOARD COMMITTEE MEMBERS AND PORTFOLIOS

- | | | |
|---------------------------|---|------------------------------------|
| 1. Dr. ANIRUDHAN. B | - | CHAIR PERSON |
| 2. Dr. SHANMUGAM. V | - | Director, Research and Development |
| 3. Dr. RAJKUMAR. K | - | Journal Publications |
| 4. Dr. RAMAPRABHA. T | - | Books and Book Chapters |
| 5. Dr. REENA. A | - | Books and Book Chapters |
| 6. Dr. PRATHAPCHANDRAN. | - | Students Project /Fellowships |
| 7. Dr. SENTHILKUMAR. P | - | Seed Money Projects |
| 8. Dr. SELVAKESAVAN. R. K | - | Patent and Copyrights |

Initially we get the concern from each faculty about their contribution at least in any one of the above mentioned activities for one academic year. This is considered as blue print for one academic year. The Board Member consolidates the progress of each activity once in a week and the same is updated to The Chair Person twice in a month. The progress is carefully updated with proof and properly consolidated and interpreted with statistical tools. The lacunas are addressed amicably with concerned faculty members to achieve the promised target. The support and guidance are always given to all members of faculty.



4.12 RESEARCH ETHICAL COMMITTEE

Research ethical committee is constituted to monitor and address the problem faced by research scholars/research guides to settle issues amicably. The committee members are Principal, all Deans and Research Director. Research ethic includes Philosophy, Law, Psychology and Sociology. Committee members discuss explicitly with empathy, socio-economically, following confidentiality and privacy and anti-discrimination. Discussions are recorded in the minutes note signed by all the members. Progressions of researcher are monitored through “Research Scholar Meeting” at least once in six months. Acknowledging the contributors and checking plagiarism through online/Plagiarism Checker Xsoftware.

4.13 RESEARCH ETHICAL COMMITTEE MEMBER:

- | | | |
|--------------------------|---|----------------------------------------|
| 1. Dr. ANIRUDHAN. B | - | CHAIR PERSON |
| 2. Dr. SHANMUGAM. V | - | Director, Research and Development |
| 3. Dr. SHANI. N | - | Dean, School of Management |
| 4. Dr. KANAGARATHINAM. M | - | Dean, School of Commerce |
| 5. Dr. SELVAVINAYAKI. K | - | Dean, School of Computational Sciences |
| 6. Dr. S. Jayapriya | - | Dean, School of Creative Sciences |
| 7. Dr. MALATHI. R | - | Dean, School of Liberal Arts |
| 8. Dr. M. THANGAVEL | - | Dean, School of Life Sciences |

Dr. P. Krishnakumar
CEO & Secretary
Nehru Group of Institutions
Coimbatore