

POLICY FOR FACULTY RESEARCH GRANT

Dr.NTR UNIVERSITY OF HEALTH SCIENCES VIJAYAWADA

POLICY FOR FACULTY RESEARCH GRANT

ANNOUNCEMENT FOR THE FACULTY RESEARCH GRANT (2024)

- Knowledge creation and research are critical in growing and sustaining a large and vibrant economy, uplifting society, and continuously inspiring a nation to achieve even greater heights. A robust ecosystem of research is perhaps more important than ever with the rapid changes occurring in the world today, e.g., in the realm of climate change, population dynamics and management, biotechnology, an expanding digital marketplace, and the rise of machine learning and artificial intelligence. If India is to become a leader in these disparate areas, and truly achieve the potential of its vast talent pool to again become a leading knowledge society in the coming years and decades, the nation will require a significant expansion of its research capabilities and output across disciplines. The research and innovation investment in India is, at the current time, only 0.69% of GDP as compared to 2.8% in the United States of America, 4.3% in Israel and 4.2% in South Korea (NEP 2020).
- Research and innovation at education institutions in India, particularly those that are engaged in higher education, is critical. Evidence from the world's best universities throughout history shows that the best teaching and learning processes at the higher education level occur in environments where there is also a strong culture of research and knowledge creation (NEP2020).
- On behalf of Dr.NTR University of Health Sciences, Research & Development Department, applications are invited from interested Faculty of Modern Medicine/Dental/AYUSH/NURSING/PHYSIOTHERAPY to participate in **the faculty research (2024)**.

- Dr.NTRUHS initiated **Faculty Research Grants** in 2024 in order to promote interest and aptitude for research among faculty.
- The primary objective of Dr NTR University of Health sciences, Vijayawada, will be to fund competitive, peer-reviewed grant proposals of all types and across all disciplines and to facilitate research at academic institutions.
- Approximately **25 faculty Grants** (Medical - 10, Dental - 4, AYUSH - 4, Nursing - 4, Physiotherapy - 3) will be awarded under this project.
- The total amount of each grant is not more than rupees two lakhs (Rs. 2,00,000/-). This grant may be utilized for purchasing consumables, travel related to the project and overhead expenses. Equipment, laboratory and other facilities should be provided by the institution.
- The total duration of the project is for two years.
- The budget will be released in the ratio of 40:40:20 in three phases subject to satisfactory progress of the research work.
- Eligibility – Any teaching faculty working in Medical, Dental, AYUSH, Physiotherapy and Nursing Colleges affiliated to Dr.NTRUHS.
- Each faculty can submit only one proposal.
- No grant will be awarded if there is any other source of funding received for this project.
- The host institution will maintain a separate account in a bank jointly operated by the Principal/Dean of the college and the Principal Investigator (PI).
- Apart from the Principal Investigator minimum of two co-investigators are mandatory. Co-investigators also should be teaching faculty working in

Medical, Dental, AYUSH, Physiotherapy and Nursing Colleges affiliated to Dr.NTRUHS.

- In the event of the Principal Investigator leaving the college any time before the completion of the project work, the Principal/Dean will entrust the responsibilities of the project to the senior co-investigator.
- If the college discontinues the project or the progress is not satisfactory, the University deserves the right to discontinue the project. In such a case the Principal/Dean and Principal Investigator will have to refund the entire grant paid for the project work.
- The project should not form the basis of any Postgraduate Dissertation work.
- The research grant is given for a specific project and for a specific period. The grant should be exclusively used for project work only.
- A six-monthly project report shall be submitted by the PI through proper channel.
- Interim modification of objectives/ methodology will be accepted during first six months of the project only. P. I should get the prior permission from Dr.NTRUHS as well as from IEC with proper justification.
- A separate account for expenditure shall be maintained for the project and it shall be audited every year and the auditor statement should be submitted to the University.
- The Principal Investigator should publish minimum of one scientific article related to the project in UGC CARE listed journals. **The article should be submitted along with final report of the research project.**

- The University should be acknowledged in all the publications/presentations at conferences arising out of the project work.
- The patents and copy rights of the project work will be the sole property of the University.
- The final report of the research project shall be submitted within one month of completion of the project.
- An undertaking stating that the project work shall be conducted as per the rules and regulations of Dr.NTRUHS should be given on a stamp paper by the Principal Investigator and the Head of the Institution.
- The notification for faculty research grant – 2024 will be issued in the month of September 2024.
- **The application form and research proposal to be submitted to the University by 30th September 2024** which will be evaluated by Dr NTRUHS. The list of selected faculty to undertake research work will be displayed on the NTRUHS website on **30th October 2024**. The selected faculty are expected to complete the project in two years period and submit the report before the last date of submission, i.e., **30th November 2026**.

GENERAL INSTRUCTIONS FOR FACULTY GRANT – 2024

- The faculty should obtain a clearance from the **Institutional Ethics Committee (IEC)** if the proposal involves research on human participants and from Institutional Animal Ethics Committee (IAEC) if the work involves the use of animals. Informed consent is to be obtained for research on human participants. For more information, please refer to ICMR **Ethical Guidelines for Biomedical Research on Human Participants, 2017** and **National Ethical Guidelines for Biomedical Research Involving Children**.
- If the proposal is accepted, Institutional Ethics Committee approval should be obtained from the institute where the faculty is enrolled before initiating research.

Faculty research Proposal

Research Proposal should be prepared in brief with the following sections:

Title- A good title should be short, accurate and concise. It should make the central objectives and variables of the study clear to the reviewer.

Introduction- The purpose of an introduction is to provide the rationale behind the work, so that the reviewer may understand and appreciate the objectives. Please describe the importance (significance) of the study. Defend the model. Provide a rationale and describe the reasoning that led you to select them. Briefly describe the experimental design and how it accomplished the stated objectives. Describe the situation and specify the gaps in the existing knowledge and controversy and conclusive evidence. The discussion should be supported with appropriate references.

Objectives- Should specify what kind of knowledge the study is expected to obtain. It should give a clear notion of what is to be described, determined, identified, compared or confirmed. The hypothesis may be stated, and objectives should be specific, to the point and achievable.

Methodology- Describes all the procedures that will be used to achieve the objectives and justify the study design, including any techniques and procedures to be used. This may include the type of study and study design, study population, sample size and selection criteria, proposed intervention (if applicable), data collection procedures & instruments used, quality control, confidentiality, plan of analysis/ statistical tools, ethical considerations with all required forms.

Implications- Describes what is expected to be achieved or gained from the proposed research. This could be given in terms of knowledge gained by the student or in terms of scientific advancement.

References- Provide appropriate references in Vancouver style only from recently published journals/ literature supporting the proposed research.

Selection of the candidates

Type of study- The candidate will be required to identify the type of study as per following:

- Clinical studies
- Epidemiological studies
- Field Operational Research
- Behavior Change Communication
- Laboratory Investigations
- Therapy and Management
- Any other, please specify.

Dr.NTR University of Health Sciences Vijayawada- 520008.

Application format for Dr.NTRUHS Faculty Research Grants

I. Title of the Project: _____

Name of the institution: _____

Departments involved in the project:-

i.

ii.

iii.

iv.

v.

vi.

Name & Designation of the Principal Investigator _____

Postal address for correspondence: _____

Email: _____

Phone: _____

Mobile: _____

Names and designations of Co- investigators:

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

g) _____

h) _____

II. PARTICULARS OF RESEARCH PROJECT(attach separately)

i. Title of Project

ii. Specialities covered by the Research work _____

iii. Nature of work-Clinical/Experimental/Combined/Field
Project(Strike off what is irrelevant)/any other(specify)

iv. State whether any travel is involved in the programme of work

- v. State whether there is any other source of funding for this project? If so give details.
-
-

Timelines of the project (Gantt chart).

- vi. Aim & Objectives
- vii. Present knowledge and relevant bibliography (please give here only the most relevant references complete with the authors name(s), title of the article, name of the Journal, year, volume and page number).
- viii. Methodology and Techniques (giving all relevant details like study design, selection of subjects, experimental model, techniques, study proforma etc.).
- ix. What is aimed to be achieved by the study?
- x. How is it likely to advance or add to the existing knowledge in relation to human health? (Newness/Novelty/Uniqueness describing anticipated impact)
- xi. Proposed duration of the project (Maximum two years)
- xii. Total budget estimate
- xiii. Facilities available in the Institute/department to execute the project.
- xiv. Approval from the Institutional ethics committee (enclose copy)
- xv. Letters of approval from other institutions/laboratories (if applicable)

III. DECLARATION:

a) I have gone through the rules and conditions for financial assistance. If selected, I agree to abide by them. The particulars given in the form are correct and I am prepared to present myself or interview at my own expenses, if called up on to do so.

b) Certified that I have not claimed/received University grants/financial assistance from any other source earlier for this project.

c) I agree to submit online all the raw data generated from the project to the University data Repository within one month of completion of the work.

Signature of the Principal Investigator.

Signature of the Co- investigators.

IV. Certificate by the Head of the Institute

(i) I recommend the Project entitled _____

For the University grant.

(ii) I certify that all the equipment, laboratory and other facilities required for carrying out the proposed research project by the applicant (s) are available in the Department/ Institute and will be made available to the applicant(s).

(iii) I undertake to send to the University an audited statement of accounts along with the utilization certificate as required in the Rules for financial assistance/grant.

Signature of the Head of the Institution
(Seal bearing Designation & Address)

DR.NTR UNIVERSITY OF HEALTH SCIENCES, VIJAYAWADA

Format for Six Months Progress Report of Faculty Research Grant

1. Project title
2. PI (name & address)
3. Co-PI (name & address)
4. Date of start
5. Duration
6. Objectives of the proposal
7. Methodology
8. Interim modification of objectives/methodology (if any)
9. Detail progress of the work carried out during the period under following heads (Title, Introduction, Rationale, Objectives, Methodology, Results, Translational Potential)
10. Research work which remains to be done under the project
11. Applied value of the project
12. Any publications related to the project
13. Any patents applied for

Date:

Signature

Designation

Format for Annual Statement of Accounts

(Period

1. Sanction Letter No. :
2. Total Project Cost : Rs.....
3. Amount sanctioned: Rs.....
4. Date of Commencement of Project :
5. Proposed Date of Completion :
6. Statement of Expenditure : From.....To.....

S. No.	Sanctioned/ Heads	Funds Allocated	Expenditure Incurred		Balance as on (Date)	Remarks
			I Year	II Year		
1.	Contingencies					
2.	Recurring (Supplies, Materials, Consumables, etc.)					
3.	Travel					
4.	Overhead Expenses					
5.	Others(if any)					
	Total					

Signature of Principal Investigator with date

Signature of Accounts Officer With date

**Checklist for covering note to accompany Utilization Certificate of grant
for the project for the period**

- 1) Title of the Project
- 2) Name of the Institutions
- 3) Principal Investigator
- 4) Dr.NTRUHS letter No. And date sanctioning the project.
- 5) Head of account as given in the original sanction letter
- 6) A mount received during the year (Please give No. & Date of Dr.NTRUHS sanction letter for the amount and period)
- 7) Total amount that was available for expenditure (excluding commitments) during the year (SI.No.6+7)
- 8) Actual expenditure (excluding commitments) incurred during the year.
- 9) Balance amount available at the end of the year.
- 10) Amount already committed, if any.
- 11) Amount to be carried forward to the next year (if applicable). Indicate the amount already committed with supporting documents.

Format for Utilization Certificate

(Annual/Final)

Certified that out of Rs of grants – in – aid sanctioned during the year In favour of under Dr.NTRUHS Letter No and Rs on account of unspent balance of the previous year, a sum of Rs has been utilized for the purpose of for which it was sanctioned and that the balance of Rs..... remaining utilized at the end of the year has been surrendered to Dr.NTRUHS (Vide cheques No Date /will be adjusted towards the grants – in – aid payable during the next year i.e.....

Signature of Principal Investigator with date

Signature of Head of the Institute with date

Signature of accounts officer of the Institute with date

Format for final report

1. Title of the project
2. Unique ID of the project (Provided by Dr.NTRUHS)
3. Principal Investigator and Co-Investigators
4. Implementing Institution and other collaborating Institutions
5. Date of commencement
6. Duration
7. Date of completion
8. Objectives as approved
9. Deviations made from original objectives if any, While implementing the project and reasons there of.
10. Field/ Experimental work giving full details of summary of methods adopted.
11. Supported by necessary tablets, charts, diagram and photographs.
12. Detailed analysis of results.
13. A summary sheet of not more than two pages under following heads (Title, Introduction, Rationale, Objectives, Methodology, Results, Transplantational Potential).
14. Contribution made towards increasing state of knowledge in the subject.
15. Conclusions summarizing the achievement and indication of scope for future work.
 - i Science and Technology benefits accrued:
 - ii List of research publications with complete details: Authors, Title of paper, Name of Journal, vol., page, year
 - iii Man power trained in the project:
 - iv Patents taken, If any:
 - v Products developed, if any:
16. Abstract (300 words for possible publication ICMR bulletin)

Name and signature with date

1) _____
(Principal Investigator)

2) _____
(Co - Investigator)

Format for Final Statement of Expenditure
(to a company the Final Report)

- 1) Sanction letter No. :
- 2) Total project cost :
(Sanctioned/revised project cost, if applicable)
- 3) Date of commencement of project :
- 4) Date of completion of project :
- 5) Grant revised in each year (financial) :

S. No.	Sanctioned/ Heads	Funds All located	Expenditure Incurred		Balances on (Date)	Remarks
			I Year	II Year		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Contingencies					
2.	Recurring(Supplies, Materials, Consumables, etc.)					
3.	Travel					
4.	Overhead Expenses					
5.	Others(if any)					
	Total					

Amount to be refunded/reimbursed (which ever is appropriate):Rs.

Name & Signature Principal Investigator with date

Signature of Competent Financial/audit authority with date

1. Introduction

2. Methodology

2.1. Data Collection

2.2. Data Analysis

2.3. Statistical Analysis

2.4. Results

2.5. Discussion

Year	Country	GDP (USD)		Population (Millions)	Growth Rate (%)
		2010	2011		
2010	USA	14.5	14.8	308	2.1
2011	USA	15.0	15.3	312	2.2
2010	China	5.9	6.5	1370	11.5
2011	China	7.5	8.2	1390	9.0
2010	India	1.5	1.6	1100	7.3
2011	India	1.7	1.8	1120	7.5
2010	Brazil	2.4	2.5	205	7.5
2011	Brazil	2.6	2.7	207	7.7

Table 1: GDP and Population Data for Selected Countries (2010-2011)

Source: World Bank, International Statistical Yearbook

Notes: GDP values are in USD billion; Population values are in millions.