



RESEARCH POLICY

PRANANATH COLLEGE (AUTONOMOUS), KHORDHA

As an undergraduate level autonomous type college, it put more emphasis on student research , micro issues of the locality, villages and accordingly a plan of research is prepared by the research committee at department level , which is carried on by the department teachers . The department teachers also guide for student project research that are required in the lab for analysis and interpretation of data by using of the software in the labs for social sciences. The department lab or central lab (Computer) support them as a place of research. Secondly , this college has a strong potentiality in exploring the research activities and sanction Rs.50,000 to each faculty to a total of Rs 5lakh each year for the development of research under "**Prananath Research Award**". They have to submit their report within a time line of one year and they have to publish tow research papers most preferably in SCOPUS, WEB of Science/Springer and citations in other indexed houses and UGC care.

Facilities:

A dedicated hub ,i.e. Network resource Centre has been working for research in a high tech environment , where i-connectivity with all shorts up updated equipment for social science researchers are provided by the college. Further, library with e-books are also been provided by the college without any cost to any researcher or any students as the prepare also project reports .

PRANANATH COLLEGE(AUTONOMOUS)

**OFFICE OF THE PRINCIPAL,
PRANANATH COLLEGE(AUTONOMOUS), KHORDHA**

NOTICE

No. : UGC

Date : 30th March, 2017

A meeting of the UGC Committee will be held on 31.03.2017 (Friday) at 12.30 p.m. in the UGC Section to discuss and finalize the College Research-Fund for grant of MRP to College teachers. All the members are requested to attend the meeting without fail.

Members of the UGC Committee

1. Dr. (Mrs.) Ranjita Sethi, Prof. in-charge, UGC
2. Dr. (Mrs.) Ajanta Satapathy
3. Dr. Pradeepta Ku. Mohapatra
4. Prof. Soumendra Mishra

H.O.D. Dept. of English, History and Accounts Bursar-I are requested to attend the meeting.


Principal
Prananath College (Autonomous)
Khordha

Copy to : O.C./UGC Sec./Persons Concerned/Umakanta Martha

PRANANATH COLLEGE(AUTONOMOUS)

OFFICE OF THE PRINCIPAL
PRANANATH COLLEGE (AUTONOMOUS), KHORDHA
OFFICE ORDER

No. 534

Date.04.04.2019

As per the U.G.C. resolution dtd. 31.03.2017, there is a provision of seed money to pursue research work. Interested faculty members may apply to the undersigned for fellowship grant under the scheme "Prananath College Research Fellowship".

The modality of fellowship is as follows:-

1. Faculty must be under Direct Payment or Block Grant
2. They must submit the relevant documents for scrutiny by the Subject Research Committee Members
3. A sum of Rs.25,000/- (Rupees twenty five thousand only) shall be sanctioned to only one faculty member per department (as per the decision of Research Committee) from research fund
4. The selected candidates will submit the vouchers, final report & audited report by Chartered Accountant for reimbursement


Principal

Prananath College (Autonomous)
Khordha

Dist. O.C. - Principal Via: Principal Adm. Bur./Accts. Bur./Dr. N.K. Biswal, Prof. I/C UGC/Dr. (Mrs.) Ranjita Sethy/All departments Staff NEHC

Mamata Patra

PRANANATH COLLEGE(AUTONOMOUS)

Distribution of Pranath Research Seed Money to be made on following heads:

- a) 5 fellowship @ 50,000/- per year
- b) 2 nos. of best publications of a faculty in ISSN UGC care journals with college name shall be awarded @ 5000/- per paper subject to the approval of Finance Committee as well as Research and Development Committee of the college.
- c) For paper presentation in National and International Seminar within the country (India) T.A. will be provided after production of tickets (train fair -3rd AC/Bus fair/Taxi Fare) by shortest route.

The meeting ended with vote of thanks to all.

Pantipathy
25.04.2023
Principal
Pranath College (Autonomous)

Benduchee Mishra
Co-ordinator IQAC
Pranath College
(Autonomous)
Khordha

POLICY DOCUMENT ON PROMOTION OF RESEARCH

Pranath College Autonomous believes in a judicious combination of teaching and research for the benefit of student community at large. The Institution envisages innovation and technological development through its R & D cell. It has plans to cultivate academic and research collaborations with national and State universities, government agencies and industries to meet the immediate needs of society and the industry. The Institution also remains committed to long-term research as the foundation for future development.

Objectives:

- i. To enhance the research awareness among faculty by organizing discussions with eminent researchers and conducting national and international conferences, seminars, symposia, faculty development programmes and workshops on research methodology, IPR and patenting.
- ii. To motivate faculty to pursue doctoral and post-doctoral assignments at various national and international universities and organizations of repute.
- iii. To encourage faculty to undertake research projects in thrust areas in science, Social Sciences, Commerce and Management funded by various national and international agencies.

- iv. To explore new horizons of knowledge and ensure its practical implementation through collective efforts and quality research work.
- v. To provide a creative atmosphere, complemented by adequate facilities and resources in which higher studies and research thrive amongst the faculty and students.
- vi. To establish Centers of Excellence in thrust areas.
- vii. To set up the Incubation Centers to motivate innovations and startups.
- viii. To adopt Collaborative Research with premier research laboratories and industries.
- ix. To mentor the academic and industry based research projects.
- x. To publish the research works in hi indexed ,Peer reviewed, UGC care journals.
- xi. To motivate and mentor students to participate in International events
- xii. To develop products and filing of IPR.
- xiii. To facilitate faculties with proper infra

Central R&D Cell The R & D cell comprises of faculty members from various departments in the Institution. This committee oversees the smooth and efficient co-ordination of research and development activities in the Institution, thus fostering overall growth. The members will contribute towards enhancing research and development at Prananath College(Autonomous) . The college has One fully equipped laboratory of Research , Network Research Centre .

The R & D Committee plan, promote & evaluate R&D activity like funded R&D projects and mentoring projects at the Institution level. The members meet once in a month to discuss the status of ongoing projects, sets target for every year and devise plans to achieve the target. The R&D cell measures the attainment of achievements and recommends the performer for appreciation and incentives. A senior faculty heads this cell in the capacity of R & D Coordinator, with the Principal providing advisory support. The constitution of the cell is as follows.

Chairman : Principal

Co-Chairman : R & D Coordinator

Members : HODs from every department.

Each department has the department R& D Coordinator who monitors the R& D activities of the department. The faculty of the departments will be grouped into

PRANANATH COLLEGE(AUTONOMOUS)

clusters based on their interest and they will be allotted projects pertaining to their area of expertise. Responsibility of the R & D Cell:

- i. To encourage and motivate faculty for submitting proposals to externally funded research and development projects.
- ii. To support interdisciplinary and multidisciplinary research, product design and development, publications in national and international journals of high standing.
- iii. To facilitate collaborations with researchers from premier Institutions and to encourage joint research in various thrust areas of national and international importance.
- iv. To initiate and promote MoU with industries and R & D organizations for consultancy and collaborative research.
- iv. To conduct seminars, workshops, conferences and training programmes for inculcating research culture among faculty.
- v. To encourage faculty to deliver talks and be resource person for various events like seminars, workshops, conferences and training programmes.
- vii. To visit R&D organizations and disseminate information regarding the effective implementation of research projects.
- vi. To suggest peer reviewed national and international journals for subscription in central library.
- vii. To keep everyone abreast of all announcements by various funding agencies like Department of Science and Technology, Defense Research & Development Organization (DRDO) Council of Scientific and Industrial Research (CSIR), ICSSR and University Grants Commission (UGC).
- viii. To motivate students to present technical papers in National and International conferences and display projects in competitions and exhibitions.
- ix. To depute faculty for seminars, workshops, FDPs and conferences in order to upgrade their knowledge.

Policy of encouragement to employees: Teaching and Research are the main functions assigned to the faculty of the Institution. Teaching is a prime function that needs to be performed at the highest level of competence and this is possible only when the faculty is involved in the research activities. Research essentially nourishes the academic program and updates the faculty about the advances in their field of expertise. Importantly, it helps the Institution to stand at the global level. The college provides funding for the faculty on Minor Research project Under Prananath Research award every year. The eligible

PRANANATH COLLEGE(AUTONOMOUS)

Minor Research projects worth less than Rs.50,000 will be recommended for grants in research.

Rs.5000 shall be provided for publishing in journals and funding will be for those employees who attends Seminar/conferences etc.

Funded Projects and Consultancy Work: The general guidelines for faculty engaging in research, development and consultancy are as follows:

A. Basic Guidelines:

- i. Every research proposal shall pass through a multi-tier review, where the proposal shall first be reviewed by the Principal Investigator/ Co- Investigator and then by the concerned Head of the Department / experts in the department. This may be followed by review by eminent researchers in the field. The proposal shall then be vetted by the R&D committee before submission to the funding agency.
- ii. All applications related to R&D shall be routed through the principal along with one hard copy for R&D records. A soft copy shall also be emailed to the R&D coordinator, department R&D cell and also to the Head of the Department.
- iii. Separate stock registers shall be maintained for the entire R&D for the externally funded projects in every department.
- iv. Purchase of equipment, software and submission of the audit report thereof shall follow the Finance Officer guidelines.

B. Principal Investigator and Co-Investigator shall ensure that the equipment and software purchased are maintained in the laboratory/ department and shall be entered in the stock register.

C. The entire sanctioned amount shall be utilized as per the guidelines of the funding agency.

In case the Principal Investigator leaves the Institution, all the items purchased shall remain as an asset of the Institution. All Heads of the Department must regularly and diligently update the R&D information on the Institution website for department and give reports to R&D team.

D. Progress Report submissions: The faculty members eligible for R&D incentives shall submit the report with supporting documents to the respective Head of the Department every year. The Head of the Department along with some senior

PRANANATH COLLEGE(AUTONOMOUS)

faculty members shall then carry out a rigorous scrutiny at the Department level and ensure that their recommendations reach the R&D cell.

E. Patents: Receiving patent for one's research work is one of the most important factors denoting the quality of research. Full financial and legal assistance shall be provided to those who are interested in registering for the patent. The patent shall irrevocably be registered in the name of SKCET with the researcher's name prominently featuring as the inventor. The commercial aspects shall be mutually worked out between the Institution and the researcher. If patent is filed by the individual, then expenses will be borne 50% by researcher and 50% by the Institution.

If patent is filed by Institution, then 100% expenses are borne by Institution. If filed jointly then 100 % expenses are borne by Institution and Individual.

Research & Development Budget: The Head of the Department shall formulate the yearly R&D budget, in close co-operation with the senior faculty members, on the ongoing projects, cluster heads in the department. The same is forwarded to the Principal through R&D cell.

F. Academic Research Policy: a) Faculty of each department shall conduct research in focus areas of research. b) Faculty publication in either SCI/ Springer/Web of Science / Scopus indexed journals are appreciated with appropriate incentives. The publication target has been set as 1 web science and 1 Scopus publication for doctorates and 2 Scopus indexed journals for non-Doctorates. c) Individual Citation Score needs to be improved by publishing in reputed journals

G. All publications and research papers of faculty have to go through plagiarism check. For this Turnitin club helps for all these check ups upto less than 20 percent . Papers/Projects and Reports are tested before submission and the copy there of is attached .

H. Projects shall be research focused. Every project shall lead to at least one research publication in a journal indexed in SCOPUS or WEB of SCIENCE/Springer .

I. Faculty are encouraged to identify inter-disciplinary research in their field of expertise. d) The faculty of all the departments shall tie-up with industries and undertake funded research in emerging areas and industry relevant areas.

J. The OHEPEE create special research groups to concentrate on research in government listed areas and sanctions grants for all these research activities.

PRANANATH COLLEGE(AUTONOMOUS)

- K. All innovative projects of faculty are earmarked for filing patents on successful completion. Suitable recognition and incentives are given to those faculty members with patents. g) Norms are fixed to pay expenses towards procurement of equipment to those faculty members working on funded projects.
- L. Meritorious research work/consultancy by faculty is awarded with monetary incentives. The management will suitably reward the recommended projects during the commemoration day and through the incentive scheme. Based on the cells recommendation, financial incentives is given for deserving cases. As per resolution.
- M. **Principal Investigator (PI)** Principal Investigator (PI) of a sanctioned project is considered to be the prime interface between the funding agency and is the operational head of the project. The PI is advised to keep the whole project team aware about the progress of the project and involve the Co-PIs in all related project activities. In his/her absence, the PI may request any of the Co-PI to take over the responsibility of running the project.
- N. **Facilities available on Campus:** The research facilities available on campus are:
 - i. A well-equipped library
 - j. e-journals by EBSCO, link, J-Gate.
- O. **Softwares** like MATLAB, SPSS are available. Various Microcontroller kits are available and hardware for clustering, android based platforms, Wireless sensor network sensor nodes, ARM platforms, Printers, for experimentation are available in the departments.

Parulipathy
25.04.2023
PRINCIPAL

Principal
Prananath College (Autonomous)
Khordha

Bindushree Mishra
25.04.2023
COORDINATOR
Prananath College
(Autonomous)
Khordha
Prananath College
Khordha
Coordinator IOAC