



**GANDAKI PROVINCE ACADEMY OF SCIENCE AND
TECHNOLOGY
Pokhara**

(Date: 2079/10/03)

NOTICE FOR RESEARCH UNIT FORMATION AND OPERATION

Gandaki Province Academy of Science and Technology (GPAST) calls for research unit formation and operation intended to provide evidence/research-based inputs for preparing provincial and governmental policies, rules and regulations based on scientific research and study.

About Grant:

Selected applicants will be provided with the maximum amount of Nrs. Five Lakhs. The expenditure should be done as per the provision of the **Research Unit Formation and Operation Guidelines, 2079.**

Thematic Areas

- Agricultural and Agronomic Sciences
- Animal, Veterinary, and Fishery Sciences
- Engineering and Allied Subjects
- Forest, Environment, Ecology, and Climate Sciences
- Geography and Geosciences
- Health and Allied Sciences
- IT, Computer, and Allied Sciences
- Natural Sciences

Required Documents

- Recommendation / Commitment letter from the universities/academic institutions within Gandaki Province
- Proposal with research plan and schedule.
- Consent/ Signed CV of the Human Resources/Experts (As per the requirement of Guideline: Project Head, Experts (2 years of academic experience and at least three scientific papers being a lead or corresponding author within last five years))

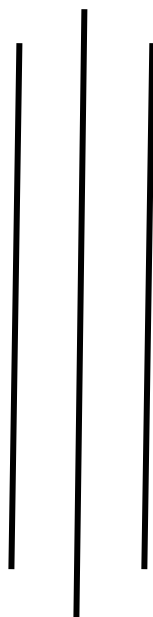
Eligibility Criteria

Academic Institutions within Gandaki Province

For Details:

<http://gpast.gandaki.gov.np/notice>
or
Contact at:
info.gpast@gandaki.gov.np

**Research Unit Formation and Operation
Terms of References (TOR)**



**Gandaki Province Academy of Science and
Technology
Pokhara**

Poush, 2079

Activity Summary:

Activity Title: Research unit formation and operation

Total grant amount available: Rs. 5,00,000/-

Starting Date: Immediately after agreement or work order

Completion Date: To be mutually agreed upon agreement

Target: Academic institutions / Universities within Gandaki Province

Background

Gandaki Province Academy of Science and Technology (GPAST) is an autonomous governmental organization established in 2076 by the Gandaki Province Government to promote science and technology-related activities in the province via conveying development, prosperity, and improved service delivery by introducing science-based solutions to Economic, Social, and Environmental aspects. The academy aims to advance in the field of agricultural and agronomic sciences; animal, veterinary and fishery sciences; engineering and allied subjects; forestry, environment, ecology, and climate sciences; geography and geosciences; health and allied sciences; IT, computer, and natural sciences. The academy is committed to assisting in the provincial development plan and advancing the province's developmental goals. As an essential governmental agency, it involves relevant government institutions, ministries, universities, and other organizations to achieve its goals and advise the government on evidence-based policymaking.

To achieve its goals, the academy plans to actively engage the universities/academic institutions in providing science-based inputs for preparing research-based policy drawn through in-depth research, consultation, and a participatory approach.

To maintain uniformity and transparency in the financial and evaluation process, the program will be conducted according to the guidelines set by **Research Unit Formation and Operation Guidelines, 2079**.

Objectives of the Program

General objective:

- To provide evidence/research-based inputs for preparing Governmental Policies based on scientific research and study.

Specific objectives:

- To analyze and validate the results of the latest discoveries, research, and innovations in the field of science and technology and the results of the research performed by the academy.
- Prepare a policy document.

Available Grant

Selected applicants will be provided with the maximum amount of NRs. Five Lakhs. The expenditure should be done as per the provision of the **Research Unit Formation and Operation Guidelines, 2079**. The grant can be used to procure equipment, services, or cash expenditure on project-related costs.

Thematic Areas

The following thematic areas by the annual programs of GPAST for Fiscal Year 2079/80 have been selected for Research Unit formation and operation.

1. Agricultural and Agronomic Sciences
2. Animal, Veterinary, and Fishery Sciences
3. Engineering and Allied Subjects
4. Forest, Environment, Ecology, and Climate Sciences
5. Geography and Geosciences
6. Health and Allied Sciences
7. IT, Computer, and Allied Sciences.
8. Natural Sciences

Application Call

The academy invites an open proposal from universities/study institutes within the Gandaki Province for establishing and operating a scientific research unit by specifying the terms and conditions of the scope for the research unit. A research unit can be operated by signing a Memorandum of Understanding (MO) between the selected university/study institute and the academy.

All the details regarding the application call will be available on the GPAST website (<https://gpast.gandaki.gov.np/>).

The proposal and the required documents should be submitted within 30 days from the date of a notice published on the GPAST website or any other social page of the office. A pre-meeting concerning the Q&A for the call will be held on the first Monday 11:00 AM after the notice is published.

The number of Research Units to be established will be decided upon the academy's current fiscal year budget.

Who Can Apply

Universities / Institutes of study may propose a research unit consisting of a maximum of five-member experts as per the requirement by specifying a time period for researching the proposed subject. While selecting experts, priority should be given to those involved in the Scientific Committee of the academy. A proposal including the head of the research unit, experts and other

human resources required for the unit's operation must be submitted. The representatives appointed by the academy will not be ex-officio members of the unit.

Document/s Required

1. Recommendation/Commitment letter from the universities/academic institutions within Gandaki Province
2. Proposal with the research plan, detailed budget, and schedule (max. 5 pages)
3. Consent/ Signed CV of the Human Resources/Experts (As per the requirement of Guideline: Project Head, Experts (2 years of academic experience and at least three scientific papers being a lead or corresponding author within last five years)

Formation and Operation of the Research Unit

The research unit is established to conduct policy research on science and technology subjects under Section 11 of the Gandaki Province Academy of Science and Technology Act.

The research unit shall be established and operated for a specified period based on the terms of scope. The duration of the research unit will be from three months to a maximum of three years. After that period, the institute may extend the period of the investigation unit as required.

The concerned proposer will have to arrange the building and office required for the establishment of the research unit.

The research unit may prepare and implement an internal operating system as per the requirement.

Human Resources

To be an expert in the research unit, one should have at least two years of experience in the field of study and research work in the subject with at least two years experience in the subject and should have published at least three scientific papers in the last five years in the international peer-supervised (peer-reviewed) journal on the relevant subject.

Monitoring & Reporting

The operation will be jointly monitored by the host institute and the academy. The unit will have to submit the progress report to the academy quarterly.

Scope of Work For Research Unit

- a. The research unit will analyze the existing policy, prepare a draft of the necessary policy in the area specified by the academy, collect and analyze the research results carried out by the academy and within the province and prepare a report with policy analysis before the academy.
- b. The unit may conduct meetings, conferences, discussions, and seminars as per the requirement.
- c. The research unit may select the subjects required for the research by choosing experts and scientists and engaging them in the research work.

d. Students preparing research papers in Ph.D. and post-graduate subjects within the province in topics as per the terms of the scope can be awarded fellowships and engaged in research work. The academy can also provide such fellowship and research grants through the academy's annual program.

Research Unit's Expenditure / Accounts Management/ Mode of Payment

a. The research unit will have to submit the necessary annual budget and material details to the institute along with the proposal to be submitted for the establishment of the research unit. While submitting such a proposal, the financial and physical partnership of the concerned organization will also have to be disclosed.

b. The academy may provide financial and material support to the grant received under the title of Research Unit under the Annual Development Program of the Academy.

c. The research unit may provide daily remuneration or travel allowance as per the expert's contribution. At least 40% of the total budget will be spent on purchasing office materials and administrative work, while the remaining amount can be provided as remuneration and travel allowance. The amount referred to in this provision should be mentioned in the proposal.

d. While purchasing the necessary goods and services as per the proposal, the research unit can pay the purchase of up to Rs 100,000/- directly by the unit's decision, and the bill for that amount is submitted to the academy for reimbursement. The academy will approve the remuneration and travel allowance after receiving its report.

e. The research unit can organize workshops and validation seminars related to the research after the project's completion.

f. Other arrangements related to procurement and accounting should be made as per the prevailing laws of the Gandaki Province Government.

g. The research unit will have to provide fixed assets and cash property generated from the unit during the establishment after the completion of the stipulated period. However, the institute may transfer the property of the research units operated under the university/institute of study to the university/institute of study if it is deemed necessary.

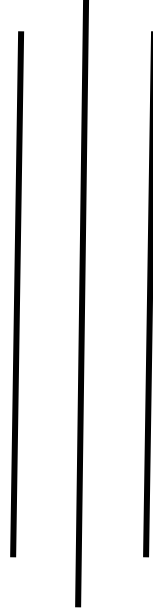
Selection Criteria/Evaluation

When proposals exceeding the call are registered, a technical committee formed by the academy consisting of expert academicians, scientists, and officials of the GPAST, could decide the selection criteria. Then, the committee will recommend the best available proposals.

Expected outputs

Concrete, technically sound, implementable, complete, and acceptable hard and electronic copies of the policy recommendation report with sufficient data, designs, and figures shall be submitted by the Grantee.

अनुसन्धान एकाई गठन तथा सञ्चालन निर्देशिका, २०७९



गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठान

पोखरा

प्रस्तावना

विज्ञान प्रविधिका क्षेत्रमा भएका नविनतम खोज, अनुसन्धान र नवप्रवर्तन तथा प्रतिष्ठानले गरेका अनुसन्धानका नतिजाहरूलाई विश्लेषण तथा प्रमाणीकरण गरी प्रतिष्ठान, मन्त्रालय तथा प्रदेश सरकारका नीति, योजना तथा कार्यक्रमहरूमा उक्त अनुसन्धानका नतिजाहरूलाई आन्तरिकिकरण गर्न, दिगो विकास लक्ष्यसँग आबद्ध गर्नका लागि आवश्यक दिशानिर्देश तथा पृष्ठपोषण प्रदान गर्न प्रदेश सरकारका नव प्रवर्तन तथा अनुसन्धान दिशानिर्देश गर्नका लागि विषयगत विषय विज्ञ सहितको अनुसन्धान एकाई गठन गर्न वाञ्छनीय भएकोले गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठान ऐन, २०७६ को दफा २४ को अधिकार प्रयोग गरि गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठानले यो निर्देशिका बनाएको छ।

यो निर्देशिका कार्यकारी परिषद्ले बनाएको हो ।

१. संक्षिप्त नाम र प्रारम्भ:

(१) यस निर्देशिकाको नाम अनुसन्धान एकाई गठन तथा सञ्चालन निर्देशिका, २०७९ रहेको छ ।

(२) यो निर्देशिका कार्यकारी परिषद्ले स्वीकृत गरेपछि लागू हुनेछ।

२. परिभाषा:

अनुसन्धान एकाई भन्नाले गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठान ऐनको दफा ११ बमोजिमको विज्ञान तथा प्रविधि विषयको नितिगत अनुसन्धान गर्नको लागि स्थापना भएको एकाई सम्झिनु पर्दछ ।

३. स्थापना, गठन र सञ्चालन सम्बन्धी व्यवस्था:

क. प्रतिष्ठानले अनुसन्धान एकाईको कार्यक्षेत्रगत शर्त तोकी अनुसन्धान एकाई स्थापना तथा सञ्चालन सम्बन्धी निर्णय गर्न सक्नेछ । यसरी कार्यक्षेत्रगत शर्त तोक्दा प्रदेश सरकारका विकाश आवश्यकता र प्राथमिकता र प्रतिष्ठानको उद्देश्य तथा कार्ययोजनालाई प्राथमिकता दिनुपर्दछ ।

ख. अनुसन्धान एकाई कार्यक्षेत्रगत शर्तका आधारमा तोकिएको समयावधि सम्मको लागि स्थापना तथा सञ्चालन हुनेछ। अनुसन्धान एकाईको समयावधि तिन महिना देखि बढीमा तिन वर्ष सम्मको हुनेछ । उक्त अवधि पश्चात आवश्यकता बमोजिम अनुसन्धान एकाईको अवधि प्रतिष्ठानले थप गर्न सक्नेछ ।

ग. प्रतिष्ठानले अनुसन्धान एकाईको कार्यक्षेत्रगत शर्त तोकी वैज्ञानिक अनुसन्धान एकाई स्थापना तथा सञ्चालनको लागि सम्बन्धित विषय अध्यापन हुने प्रदेश भित्रका विश्वविद्यालय/अध्ययन संस्थानहरूबाट खुला प्रस्ताव आह्वान गर्न सक्नेछ। छनौट भएका विश्वविद्यालय/अध्ययन संस्थान मातहत सञ्चालन हुने गरि समझदारी पत्र (MOU) मा हस्ताक्षर गरि अनुसन्धान एकाई सञ्चालन गर्न सक्नेछ ।

घ. विश्वविद्यालय/अध्ययन संस्थानहरूले तोकिएको विषयमा अनुसन्धान गर्नको लागि निश्चित अवधि तोकि आवश्यकता अनुसार बढीमा पाँच सदस्य विज्ञ सम्मिलित एक अनुसन्धान एकाई गठन गरी प्रस्ताव गर्न सक्नेछ । विज्ञ छनौट गर्दा प्रतिष्ठानको वैज्ञानिक समिति (Scientific Committee) मा संलग्न विज्ञलाई प्राथमिकता दिनुपर्दछ । एकाई सञ्चालनका लागि आवश्यक अन्य जनशक्ति समेत एकित गरि प्रस्ताव पेश गर्नुपर्नेछ । प्रस्तावमा अनुसन्धान एकाईको प्रमुख समेत तोकी प्रस्ताव पेश गर्नुपर्नेछ । उक्त एकाईमा प्रतिष्ठानले तोकेको प्रतिनिधिहरू पदेन सदस्य रहनेछन ।

ड. अनुसन्धान एकाई स्थापनाको लागि आवश्यक भवन तथा कार्यकक्ष सम्बन्धित प्रस्तावकले व्यवस्थापन गर्नुपर्नेछ ।

च. अनुसन्धान एकाईको विज्ञ हुनको लागि मान्यता प्राप्त विश्वविद्यालयबाट विषयमा विद्यावारिधि गरी सो सम्बन्धी विषयमा अध्ययन अनुसन्धान कार्यमा कम्तीमा दुई वर्ष अनुभव भएको र सो सम्बन्धी विषयमा अन्तर्राष्ट्रिय समकक्ष सुपरिवेक्षित (peer reviewed) जर्नलमा पछिल्लो पाँच वर्षमा कम्तीमा तीनवटा कृतिमा पहिलो लेखक(लिड अथर) वा पत्राचार गर्ने लेखक (करेस्पन्डिङ अथर) भई प्रकाशन गरेको हुनुपर्नेछ ।

छ. एकाईले त्रैमासिक रूपमा प्रगति विवरण प्रतिष्ठान समक्ष पेश गर्नु पर्नेछ ।

ज .अनुसन्धान एकाईले आवश्यकता अनुसार आन्तरिक कार्यसञ्चालन प्रणाली तयार गरि लागु गर्न सक्नेछ ।

४. अनुसन्धान एकाईको काम कर्तव्य र अधिकार

क. अनुसन्धान एकाईले मौजुदा नितिको विश्लेषण गर्ने, प्रतिष्ठानले तोकेको क्षेत्रमा आवश्यक नितिको मस्यौदा तयार गर्ने,प्रतिष्ठानले गरेका तथा प्रदेश भित्र भएका अनुसन्धान नतिजाहरुलाई संकलन तथा विश्लेषण गरी प्रतिष्ठान समक्ष नीति विण्लेशण सहितको प्रतिवेदन तयारी गर्नेछ ।

ख. एकाईले आवश्यकता अनुसार बैठक, सम्मेलन, छलफल तथा गोष्ठी कार्यक्रम सञ्चालन गर्न सक्नेछ ।

घ. अनुसन्धान एकाईले अनुसन्धानका लागि आवश्यक विषय विज्ञ तथा वैज्ञानिक छनौट गरि अनुसन्धान कार्यमा लगाउन सक्नेछ ।

ड. कार्यक्षेत्रगत शर्त बमोजिमका विषयमा प्रदेशभित्र विद्यावारिधि तथा स्नातकोत्तर विषयमा शोधपत्र तयार गरिरहेका विद्यार्थीहरुलाई फेलोसिप प्रदान गरि अनुसन्धान कार्यमा लगाउन सक्नेछ । त्यस्तो फेलोसिप तथा अनुसन्धान अनुदान प्रतिष्ठानले प्रतिष्ठानका वार्षिक कार्यक्रम मार्फत समेत उपलब्ध गराउन सक्नेछ ।

५. अनुसन्धान एकाईको खर्च तथा लेखा व्यवस्थापन

क. अनुसन्धान एकाईलाई आवश्यक वार्षिक बजेट तथा भौतिक सामग्री सम्बन्धी विवरण अनुसन्धान एकाई स्थापनाका लागि पेश गरिने प्रस्तावसाथ प्रतिष्ठानमा पेश गर्नुपर्नेछ । यसरी प्रस्ताव पेश गर्दा सम्बन्धित संस्थाको आर्थिक तथा भौतिक साझेदारी के-कती रहने सो समेत खुलाउनु पर्नेछ ।

ख. प्रतिष्ठानको वार्षिक विकास कार्यक्रम अन्तर्गत अनुसन्धान एकाई शिर्षकमा प्राप्त बजेटको अधिनमा रही आर्थिक तथा भौतिक सामग्री प्रतिष्ठानले उपलब्ध गराउन सक्नेछ ।

ग. अनुसन्धान एकाईले विज्ञको योगदान अनुसार दैनिक पारिश्रमिक वा भ्रमण भत्ता उपलब्ध गराउन सक्नेछ । कूल बजेटको कम्तीमा ४०% रकम कार्यालय सामग्री खरिद तथा प्रशासनिक कार्यमा खर्च गरिनेछ भने बाँकी रकम पारिश्रमिक तथा भ्रमण भत्ता उपलब्ध गराउन सकिनेछ । यस प्रावधान बमोजिमको रकम प्रस्तावमा उल्लेख गर्नुपर्नेछ ।

घ. प्रस्ताव बमोजिम आवश्यक वस्तु तथा सेवाहरु खरिद गर्दा अनुसन्धान एकाईले रु. १ लाख सम्मको खरिद कार्य एकाईको निर्णय गरि सोझै खरिद गर्न सक्नेछ र उक्त रकमको विल भर्पाई पेश भएपश्चात प्रतिष्ठानले उक्त रकम भुक्तानी दिन सक्नेछ। पारिश्रमिक तथा भ्रमण भत्ता प्रतिष्ठानबाट स्वीकृत हुनेछ र सोको प्रतिवेदन प्राप्त भए पश्चात भुक्तानी गरिनेछ ।

ङ. अनुसन्धान एकाईले तोकिएको क्षेत्रमा अनुसन्धान पश्चात उक्त अनुसन्धान सम्बन्धी कार्यशाला तथा प्रमाणिकरण गोष्ठी आयोजना गर्न सक्नेछ। उक्त कार्यका लागि प्रतिष्ठानले आवश्यक सहयोग गर्न सक्नेछ ।

च. खरिद तथा लेखा सम्बन्धी अन्य व्यवस्था गण्डकी प्रदेश सरकारको प्रचलित कानून बमोजिम गर्नुपर्नेछ ।

छ. अनुसन्धान एकाईलाई तोकिएको अवधी सम्पन्न भई सकेपश्चात एकाई बाट सिर्जित चल अचल सम्पत्ति प्रतिष्ठानलाई उपलब्ध गराउनुपर्नेछ। विश्वविद्यालय/अध्ययन संस्थान को मातहत सञ्चालन भएका अनुसन्धान एकाईहरुको सम्पत्ति प्रतिष्ठानले आवश्यक देखेमा विश्वविद्यालय/अध्ययन संस्थानलाई हस्तान्तरण गर्न सक्नेछ ।

६. **बाधा अड्काउ फुकाउने अधिकार:** यो निर्देशिका कार्यान्वयनको क्रममा कुनै बाधा अड्काउ परेमा प्रतिष्ठानले निर्णय गरि फुकाउन सक्नेछ ।

७. **संशोधन:** प्रतिष्ठानले यस निर्देशिका आवश्यक संशोधन गर्न सक्नेछ ।

८. **विविध :** यस निर्देशिकामा उल्लेख नभएका कुराहरुको हकमा प्रचलित कानून अनुसार हुनेछ ।