



गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठान पोखरा

लागत साझेदारी सम्बन्धी सूचना

(सूचना प्रकाशन मिति: २०८०/०५/०५)

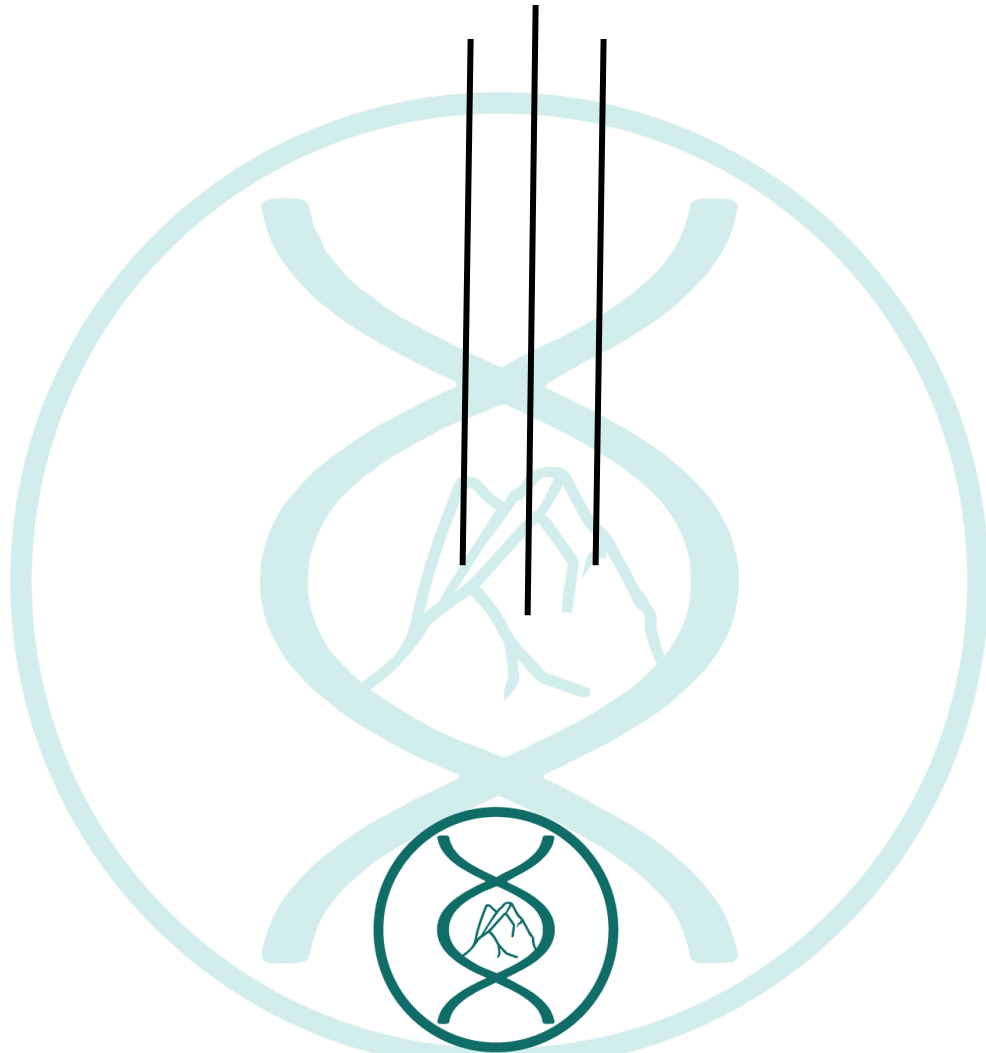
"वैज्ञानिक अनुसन्धान प्रवर्द्धनका लागि लागत साझेदारी मापदण्ड, २०७८ (पहिलो संशोधन, २०८०)" बमोजिम यस प्रतिष्ठानको वार्षिक बजेट तथा स्वीकृत कार्यक्रम बमोजिम यस प्रतिष्ठान सँगको लागत साझेदारीमा **औद्योगिक उत्पादनको अनुसन्धान तथा विकास (R&D, Prototype/Model/Design)** गर्नको लागि योग्यता पुगेका वैज्ञानिक खोज/अनुसन्धान/अध्ययनमा संलग्न संघ, संस्था तथा विज्ञान अध्यापन हुने अध्ययन संस्थानहरूले आवश्यक कागजातसहित यो सूचना प्रकाशन भएको मितिले ३० (तीस) दिनभित्र यस प्रतिष्ठानमा आवेदन दिनुहुन यो सूचना प्रकाशन गरिएको छ।

थप जानकारीको लागि प्रतिष्ठानको email: info.gpast@gandaki.gov.np,

Website: <http://gpast.gandaki.gov.np/> वा ९८५६०८६४८६ मा सम्पर्क गर्न सकिनेछ।

Scientific Research Promotion Collaboration Program

Terms of References (TOR)



GPAST

**Gandaki Province Academy of Science and
Technology**

Pokhara

Activity Summary:

Program Name: Scientific Research Promotion Collaboration Program

Activity Title: Industrial Production Research and Development

Implementation Office: Gandaki Province Academy of Science and Technology, Pokhara

Total Estimated cost: Rs. 10,00,000/- including VAT and income tax

Starting Date: Immediately after the Work order

Completion Date: Baisak 15 of 2081 (there will be no extension)

Target: Prototype/Model/Design and R&D of Industrial Product.

The logo for GPAST (Gandaki Province Academy of Science and Technology) features a stylized tree or plant symbol inside a circle, with the acronym 'GPAST' written in large, bold, sans-serif letters below it.

GPAST

Background

Gandaki Province Academy of Science and Technology is an autonomous governmental organization established in 2076 by the Gandaki Province Government to promote the Sciences and bring about development, prosperity, and improved service delivery by introducing science-based solutions to economic, social and environmental aspects of the development. The academy aims to advance STI, including Biotechnology, Pharmaceuticals, Nutraceuticals, I.T., Artificial Intelligence, Environment, Conservation, Climate Change, Health, Life Sciences, Natural Sciences, Mathematics, Engineering, Sustainable Agriculture, Tourism and Energy. The academy is committed to advancing the natural and developmental agenda of the Province. As a vital government organization, it involves relevant government institutions, ministries, universities, and other organizations to achieve its goals and advise the government on evidence-based policymaking.

The academy wishes to actively engage researchers and research institutions in its scientific works to achieve its goals. Furthermore, it aims to enhance scientific research on areas of particular importance with the active participation of scholars from STI disciplines within Gandaki Province.

Through the financial and technical collaboration on research with individual researchers and private sectors academy plans to coordinate activities of various agencies and institutions, governmental as well as non-governmental, engaged in research and development. For maintaining uniformity and transparency in financial and technical collaboration Gandaki Province Academy of Science and Technology has approved '**Collaboration for Scientific Research promotion Criteria, 2078 (First Amendment, 2080)**'.

A large, light blue watermark logo for GPAST is centered on the page. It features a circular emblem with a stylized mountain range and a sun or moon above it, with the acronym 'GPAST' written in large, bold, sans-serif letters below the emblem.

GPAST

Objectives of the Program

The General objectives of this program as a part of the GPAST's research program are to:

- Promote and support local researchers in Gandaki Province.
- Technologies development as a solution to address issues in Nepal.
- Develop an industrial product and technology.
- Raise the research capacity of researchers and research institutions.
- Promote research collaboration among different stakeholders.

The Specific objectives of this program are to prepare:

- Develop Data, designs, figures, prototypes, models, and standardization of industrial products, along with the factory designs of low-cost portable machinery
- Standardization of traditional technology, production, and industrial products.

Available Research Project/Programs

Industrial product development thematic Projects/Programs in accordance with annual programs of GPAST for Fiscal Year 2080/81 have been selected for scientific research collaboration with individual researchers and research institutions.

Scope of Research Project / Responsibilities

The scope of the research project is as follows:

- Space to be provided/selected by the principal institution (applicant's host).
- Suppose a part of the project will be carried out in another institution. In that case, it has to be mentioned in the proposal with the letter of approval from the collaborating institution, and any changes/deviations made during the research should be notified to the academy.
- Priority will be given to the P.I. from academia who proposes to provide either Bachelor's or master's thesis projects (individual or group).

Budget plan

The budget plan can cover the following topics, the maximum limit of budget per project is 500,000.

- 50% of the grant can be used to purchase specific equipment.
- 15% of the project should be used to buy consumable chemicals, reagents, and machinery equipment/parts required.
- 20 % of the budget can be spent on Human resources (priorities will be given to proposal where the host institution supports human resource and provide space to carry out the research work). A full-time intern should be involved in the project for at least three months.
- 10% of the project can be used for the inception/presentation seminar, report preparation, publication, and dissemination.
- 5% for safety and waste management.
- The current expenditure cost can be transferred to capital expenditure in consultation with the academy but not the other way around.

Selection Criteria

Following Considerations will be made while selecting the proposal according to the ‘**Collaboration for Scientific Research promotion Criteria, 2078 (First Amendment, 2080)**’. The template provided by the academy should be used for applying the proposal.

1. Infrastructural capacity

- Relevance of the researcher’s background (qualification and ongoing research) with the proposed project.
- Infrastructure available for the research project, including laboratory, machinery, and equipment.

2. Technical ability

- Ongoing involvement in research activities related to the proposed project
- Human resource available

3. External collaboration

4. organizational capacity (Ongoing research activity)

5. Research Plan.

The following criteria will be considered for the evaluation of the research proposal.

- Commercial potential leading to a marketable product, process, or service
- Innovativeness & differentiation (technology, business model)
- Scalability (including technology, dissemination possibilities, Impact & Sustainability)

List of the documents to be attached with the proposal

The documents that should be attached with the proposal include:

1. Cover letter
2. Bio-data / CV of professional team members and resource persons with supporting staff.
3. Research Plan
4. Registration certificate with renewal and PAN/VAT (if applicable)
5. Audit reports and vat clearance letter (if applicable)
6. Acceptance letter from Collaborating partner organizations indicating total contribution.
7. List of ongoing projects
8. other relevant documents, if applicable

Team Composition

The research team shall include the following personnel with academic qualifications and professional experience to complete the assigned tasks.

S.N	Researchers	Qualification	Experience	Remarks
	Team Leader			

	Supporting Staffs			

Evaluation

Draft Report should be sent before Baisakh 15 to Evaluation Committee through GPAST. The selection committee will form an evaluation committee from the scientists listed in the scientific committee of GPAST for evaluation subjectively. If needed, the evaluation committee might give suggestions and feedback in the final presentation. The final Report should be sent to the evaluation committee within the 1st of Jestha (There is no provision for an extension of the deadline).

Evaluation will be done on a merit basis by the selection committee based on criteria set by the ‘Collaboration for Scientific Research promotion Criteria, 2078 (First Amendment 2080)’. The selection committee holds the right to form sub-criteria of evaluation criteria and a Subcommittee for expert consultation during the evaluation process. Furthermore, the selection committee may appoint scientists from the GPAST Scientific Committee and Scientists of GPAST (Laboratory) to evaluate the Research Plan subject to rule 13 (5) of the Criteria 2078 according to subjective expertise.

A maximum collaboration grant of 5 lakhs will be provided with a minimum of 20% of the total proposed budget to be contributed by collaborating organization. \

GPAST holds the right to provide full or partial grants to the proposed project. Marks obtained from the Evaluation and the Number of grants to be provided will be considered while deciding the percentage of the grants to be provided.

Time Schedule

The project duration is six months from the date of the contract signing. The following table gives the indicated time for executing the activities mentioned in the ToR. The researcher shall prepare and submit the following reports to the Client within the prescribed time.

S.N	Reports	Duration	No. of Copy	Minimum Contents of the Report
1	Inception Report	Two months after the contract sign	1	Detailed work plan, methodology, and conceptual plans
2	Midterm Report	Two months after the submission of the inception report	1	Preliminary conceptual design with detailed methodology.

3	Draft Report	1 Month after Mid Term Report	1	With Results
4	Final Report	2 weeks after submission of the draft report.	3	Final Document as per TOR with one copy Color Print including 3 sets with the digital copy.

Mode of Payment

This is a contract for the delivery of a defined set of outputs. Payments are made at percentages of the total contract value based on the researcher’s satisfactorily achieving the key milestones. Payments will be made after the submission of the researcher’s invoices according to the following schedule:

- Up to 75% in equipment purchase on a Running Bills basis.
- The remaining 25% of the contract amount upon acceptance of the Final Report. *(This amount is subject to the final evaluation of the project. The evaluation committee may recommend releasing a total or certain percentage of this amount according to the evaluation criteria set by the committee)*

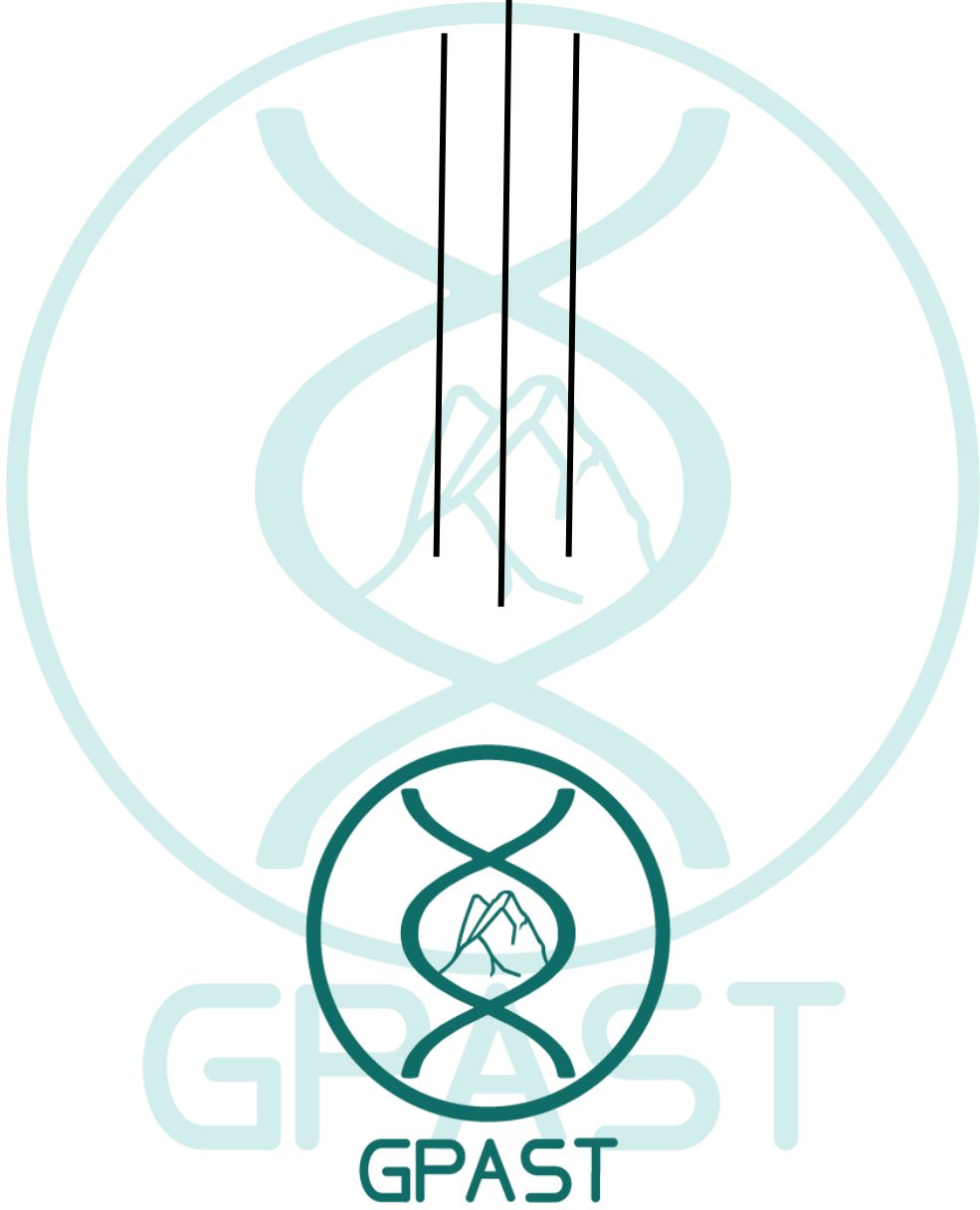
Expected outputs

The Team leader shall submit concrete, technically sound, implementable, complete, and acceptable five hard and electronic copies of the research report with sufficient data, designs, figures, prototypes, and models with factory designs, etc.



वैज्ञानिक अनुसन्धान प्रवर्द्धनका लागि लागत साझेदारी मापदण्ड, २०७८

(पहिलो संशोधन, २०८०)



गण्डकी प्रदेश बिज्ञान तथा प्रविधि प्रतिष्ठान

पोखरा

प्रतिष्ठानबाट वैज्ञानिक अनुसन्धान प्रवर्द्धनको लागि उपलब्ध गराइनेलागत साझेदारीलाई व्यवस्थित, पारदर्शी, प्रभावकारी, दिगो तथा प्रतिफलमा आधारित बनाउन वाञ्छनीय भएकोले प्रतिष्ठानले यो मापदण्ड बनाएको छ ।

१. संक्षिप्त नाम र प्रारम्भ : (१) यस मापदण्डको नाम «वैज्ञानिक अनुसन्धान प्रवर्द्धन लागत साझेदारी मापदण्ड, २०७८» रहेको छ ।

(२) यो मापदण्ड प्रतिष्ठानको कार्यकारी परिषदबाट स्वीकृत भएको मितिबाट लागू हुनेछ ।

२. परिभाषा : (१) «कार्यक्रम» भन्नाले प्रतिष्ठान बाट सञ्चालन हुने लागत साझेदारी प्रवाह सम्बन्धी कार्यक्रम सम्झनु पर्दछ ।

(२) «छनौट समिति» भन्नाले दफा ९ बमोजिमको छनौट समिति सम्झनु पर्दछ ।

(३) «मन्त्रालय» भन्नाले गण्डकी प्रदेश सरकारको गण्डकी प्रदेश विज्ञान तथा प्रविधि प्रतिष्ठान सम्बन्धी विषय हेर्ने मन्त्रालय सम्झनु पर्दछ ।

(४) «लागत साझेदारी» भन्नाले प्रतिष्ठानले तोकेको विषय अथवा क्षेत्रमा वैज्ञानिक खोज अनुसन्धानमा वा अध्ययनका लागि उपलब्ध गराइने आर्थिक सहयोग सम्झनु पर्दछ ।

(५) «लागत साझेदारीग्राही» भन्नाले यस मापदण्ड बमोजिम छनौट भएका वैज्ञानिक खोज तथा अनुसन्धानमा संलग्न संघ, संस्था तथा विज्ञान अध्ययापन हुने अध्ययन संस्थान समेतलाई जनाउँदछ ।

३. लागत साझेदारी उपलब्ध गराउन सक्ने: प्रतिष्ठानले वार्षिक बजेट तथा स्वीकृत कार्यक्रम बमोजिम उपकरण डिजाइन, औद्योगिक उत्पादनको Prototype/Model/Design तथा अन्य वैज्ञानिक परामर्श सँग सम्बन्धित कार्यहरू गर्न लागत साझेदारी उपलब्ध गराउन सक्नेछ ।

४. लागत साझेदारीको सूचना र लागत साझेदारीग्राहीको छनौट: (१) लागत साझेदारी सम्बन्धी कार्यक्रम सञ्चालन गर्न प्रतिष्ठानले वार्षिक स्वीकृत कार्यक्रम अनुसार सार्वजनिक रूपमा अधिकतम व्यक्ति तथा संस्थाहरूसम्म सूचनाको पहुँच पुग्ने गरी आवेदन मागको लागी कम्तीमा ३० दिनको सूचना प्रकाशन प्रसारण गर्नु पर्नेछ ।

(२) उपदफा (१) बमोजिम प्राप्त आवेदन छानबिन गरी छनौटका लागि प्रतिष्ठानले छनौट समितिमा पठाउनु पर्नेछ । छनौट समिति यस मापदण्डले तोके बमोजिम हुनेछ ।

- (३) उपदफा (२) बमोजिम छनौट समितिले गरेको निर्णय अनुसार प्रतिष्ठानले कार्यक्रमहरू कार्यान्वयन गर्नेछ ।
५. लागत साझेदारी रकम: प्रतिष्ठान बाट उपलब्ध गराईने लागत साझेदारी रकम वैज्ञानिक अनुसन्धान प्रस्तावको कूल लागतको असी प्रतिशत भन्दा बढी हुने छैन ।
६. लागत साझेदारी रकमको निर्धारण: प्रतिष्ठानले छनौट समितिको सिफारिसमा लागत साझेदारीग्राहीलाई उपलब्ध गराउने लागत साझेदारी रकम स्वीकृत कार्यक्रम अनुसार निर्धारण गर्नेछ ।
७. लागत साझेदारीग्राही सँग सम्झौता गर्नुपर्ने: (१) प्रतिष्ठानले लागत साझेदारीग्राहीको छनौट र लागत साझेदारी रकमको निर्धारण भए पश्चात लागत साझेदारीग्राहीसँग सम्झौता गर्नेछ ।
(२) सम्झौतामा लागत साझेदारीग्राहीले कार्य शुरू गर्नुपर्ने समय, कार्य सम्पन्न गर्नुपर्ने समय, आवधिक रूपमा कार्य सम्पन्न गर्नु पर्ने विषय र सो बमोजिम लागत साझेदारी उपलब्ध गराईने समय तालिका उल्लेख गर्नु पर्नेछ ।
८. असुल उपर गर्नुपर्ने: प्रतिष्ठानले यस मापदण्ड बमोजिम प्रवाह भएको लागत साझेदारी रकमको हिनामिना भएमा सम्बन्धित पक्षबाट सरकारी बाँकी सरह प्रचलित कानून बमोजिम असुल उपर गर्नेछ ।
९. लागत साझेदारीग्राही छनौट समिति: लागत साझेदारीग्राही छनौट गर्न देहाय बमोजिमको एक छनौट समितिको गठन गरिनेछ :
- | | |
|--|--------------|
| क) अनुसन्धान व्यवस्थापक | संयोजक १ जना |
| ख) मन्त्रालय प्रतिनिधि | सदस्य १ जना |
| ग) अर्थ मन्त्रालय प्रतिनिधि | सदस्य १ जना |
| घ) गण्डकी प्रदेश भित्रको सम्बन्धित विषय | सदस्य १ जना |
| अध्यापन हुने अध्ययन संस्थानमा प्राध्यापनरत प्रतिनिधि | |
| ङ) योजना आयोगका प्रतिनिधि | सदस्य १ जना |
१०. लागत साझेदारीग्राही जिम्मेवार हुने: कुनै विशेष कारणवश वा काबू बाहिरको परिस्थिति परी सम्झौता अनुरूप तोकिएको समयसिमा भित्र कार्य सम्पन्न हुन नसकी लागत साझेदारी रद्द

भएमा वा लागत साझेदारीको रकम पूरा भुक्तानी नभएमा लागत साझेदारीग्राही स्वयं जिम्मेवार हुनेछ ।

११. कार्य क्षेत्रगत सम्झौता गर्नुपर्ने: प्रतिष्ठानले अनुसन्धान सँग सम्बन्धित विषयसँग सम्बन्धित छुट्टाछुट्टै वा एकमुष्ट कार्यक्षेत्रगत शर्त तयार गर्न सक्नेछ ।

१२. आवेदकको योग्यता: (१) विश्वविद्यालय/अध्ययन संस्थान, विज्ञान क्षेत्रको अध्ययन, अनुसन्धानमा संलग्न रहेका गैह्र सरकारी संस्था

(२) आवेदकविज्ञान सम्बन्धी काम गर्ने कम्पनीहरु वा अन्य उपयुक्त संस्थाहरु भएमा कानून बमोजिम दर्ता भई स्थायी लेखा नम्बर लिएको हुनुपर्नेछ ।

(३) आवेदकले लेखा परिक्षण/कर चुक्ता एवं नविकरण पुरा नियमित गरेको हुनुपर्नेछ ।

१३. मूल्याङ्कन सम्बन्धी व्यवस्था:

क)

क्र.सं.	मूल्याङ्कनका सूचकहरु	अङ्कभार
१	भौतिक क्षमता	
	आवेदकको पृष्ठभूमि र प्रस्तावित कार्यक्रम बिच तालमेल	१०
	पूर्वाधारको अवस्था(प्रयोगशाला, यन्त्रालय, उपकरण आदी)	२०
२	प्राविधिक क्षमता	
	प्रस्तावित कार्यक्रमसँग मेल खाने कृयाकलापमा हाल संलग्नता	१०
	आवेदन सँग सम्बन्धित विषयको विज्ञ	१०
३	लागत साझेदारी	१०
४	संस्थागत क्षमता	
	संस्थागत कृयाशिलता	१०
५	प्रस्ताव सँग सम्बन्धित अनुसन्धान योजना	३०
	जम्मा	१००

ख) अनुदान प्राप्तिको लागि अनुसन्धानकर्ताले कम्तीमा ६० प्रतिशत अङ्क प्राप्त गरेको गर्नुपर्ने छ।

१४. अनुगमन तथा मूल्याङ्कन: (१) यस मापदण्ड बमोजिम सञ्चालन गरिएको समग्र कार्यक्रमको अनुगमन को लागि दफा ९ बमोजिम को समितिले आवश्यकता अनुसार अनुगमन गर्न सक्नेछ।
(२) कार्यक्रमको अन्तिम प्रगति प्रतिवेदन सम्बन्धित समितिले अनुसूची-१ बमोजिमको ढाँचामा तयार गरी भुक्तानीको लागि प्रतिष्ठान समक्ष सिफारिस गर्न सक्नेछ।

१५. विविध : यस मापदण्डमा उल्लेख नभएका कुराहरूको हकमा प्रचलित कानून अनुसार हुनेछ।



अनुसूची-१
अन्तिम प्रतिवेदन ढाँचा

१. कार्यक्रमको पृष्ठभूमि:
 २. लक्ष्य र उद्देश्य:
 ३. कार्यक्षेत्र:
 ४. कार्यान्वयन प्रक्रिया:
 ५. सम्पन्न क्रियाकलाप:
 ६. उपलब्धि (भौतिक तथा वित्तीय):
 ७. सुधारात्मक पक्ष र सिकाइ:
 ८. समस्या तथा सवालहरू:
 ९. आगामी गतिविधि(संक्षिप्त कार्य योजना सहित):
 १०. निष्कर्ष:
- खर्च विवरण/प्रगति

क्र.स	कार्यक्रम क्रियाकलाप	काई	परिमाण	दर	जम्मा	कैफियत