भारतीयज्ञानसंवाहनकार्यक्रमः -2

(BGSamvahini-2)

IKS Division Internship Program 2022-2023

Application and Instructions

Dates to Remember

Announcement of Internship program	August 30, 2022
Applications Due	September 15, 2022
Projects Selection Announced	September 30, 2022
Progress Report Due	December 31, 2022
Final Report Due	March 15, 2023

Contact Us: Email: iksinternships@aicte-india.org Phone: 011 29581523

Website for proposal submission: https://iksindia.org/internship-form.php

About IKS Division

Home to the oldest continuously living civilization of the world, the Indian subcontinent was the knowledge and manufacturing powerhouse of the world for most of the known history. A Dharmic culture that emphasized the development of all dimensions of humanity with an emphasis on living in harmony with oneself, one's environment, and the universe at large. It is becoming very apparent with the recent developments around the world that the current models of development are unsustainable and are in direct conflict with nature. The rising inequalities around the world in capitalist systems and the failure of communist/socialist economics point to a dire need for new paradigms of development.

There is an Indian way that is both sustainable and strives for the welfare of all. If we want to become the Knowledge Leader in this century and be the 'Viśvaguru guru', it is imperative that we understand our heritage and teach the word the 'Indian way' of doing things. Therefore, the IKS Division of Ministry of Education at AICTE was established with a vision to ***promote interdisciplinary and transdisciplinary research on all aspects of Indian Knowledge Systems (IKS), preserve and disseminate IKS knowledge for further research, and societal applications.***

Functions of IKS division:
1) Facilitate and coordinate the interdisciplinary work done by various institutions in India and abroad including Universities, institutions of national importance, R&D laboratories and different ministries.
2) Establish, guide and monitor subject wise interdisciplinary research groups comprising of researchers from institutes and centers and individuals.
3) Create and promote popularization schemes.
4) Facilitate funding of various projects and develop mechanisms to undertake research.

Overview of the BG Samvahini-2 Program

There is a strong need to promote IKS in the country in traditional schools and STEM educational institutes which will be addressed by this initiative. ***The IKS Internship program is designed to encourage and enthuse youth to take up deeper study of various topics related to IKS in Bharatiya Bhashas.*** The focus is to create opportunities for students to contribute and be involved in active research during the summer breaks or anytime during the year. Therefore, the IKS division is starting an institutional internship program called भारतीय ज्ञान संवाहिनी-2 (BGSamvahini-2). Additionally, the charge of the IKS division is to help in the implementation of the NEP 2020.

The standard internship program of the IKS Division was modified to meet these two goals simultaneously. This program has been designed for organizations. In response to the feedback received from the community, the internship duration has been made flexible up to a maximum of 6 months. The selection of the internship process is also delegated to the organizations.

This internship program is for organizations to host the interns for IKS projects with clear deliverables. The organizations are expected to submit proposals to the IKS division describing the IKS project, requirements for interns (Specified in terms of person months) and the deliverables from the project. The proposals will be evaluated by a team of experts and the selected projects will be funded for performing the proposed work through interns at their institution. The projects are required to have clear quantifiable deliverables to be considered in the review process. The selection process of the interns along with the requirements for the minimum and preferable qualifications will be completely managed by the awardee organization as per the requirements of the project.

Nature of outputs expected from this program: The deliverables of this program must support the IKS division in implementation of NEP 2020 in the area of IKS. The priority is to create materials such as course material, digital media, multimedia resources, hands-on activities, materials for curriculums of school education and undergraduate education. These materials should be in a form that could be used b textbook writers for direct incorporation into the textbooks at school and undergraduate level. Creation of digital repositors curating the art wok including pictures, sketches, art work, multimedia including cartoons, graphics for use in the Textbooks/ IKS community, p, oral traditions of Bharat is a priority.

Please note that the IKS Division will retain the right for using/disseminating all the materials created and curated in various internship projects without paying any further royalties. The contributing authors will maintain their authorship of all the documents, but copyright will be with the IKS division. The intention is to put all the materials from this program in the public domain for free access by all.

The differences between the previous internship programs of the IKS division and this Internship program are described in the Table 1.

Table 1. Differences between the current and previous internship programs of the IKS Division.

This Internship program	Previous Internship Programs
Goal: Engage youth and support NEP 2020 implementation	Goal: Engage youth
Deliverables: Course, materials, hands-on activities, reports on specific subjects, documentation of IKS knowledge o any such materials that will help in the NEP 2020 implementation. The suitability of the outputs will be judged solely by the IKS division, based on our needs	Deliverables: Progress and final reports on the topic of the internship.
Internship Duration: Flexible, up to six months	Internship Duration: Fixed, two months
Fellowship: Rs. 10,000/month	Fellowship: 10,000/month+2,500 for travel and other miscellaneous expenses
Honorarium: Honorarium to PI, Co-PI and collaborators can be paid from the Rs. 2,500/person month provided to the awardee organization.	Honorarium: No honorarium for the mentors
Eligibility: Organizations (one proposal per organization)	Eligibility: Individual Mentors and interns
Selection criteria: Relevance to IKS Division mission, deliverables to support NEP 2020 Implementation	Selection criteria: Relevance to IKS Division priority areas
Project Management: The project will be managed by the Principal Investigator and Co-PIs and will ensure submission of reports and documents on time to the IKS Division. The mentors (Including the PI, Co-PIs) will provide all guidance to the interns.	Mentors: There are PI, Co-PIs. Mentor provides all the guidance to the Interns. IKS division manages all the paperwork.

Nature of Support: Each intern will be awarded a stipend (@ 10,000/month) for the duration of internship as per existing AICTE norms. The awardee organization will be provided with Rs. 2,500/person month to manage the internship process. These funds can be used to fund the honorariums of the PIs, Co-PIs, and experts (Maximum of Rs. 1.00 lakh for the duration of the project), purchasing supplies, equipment and any other costs associated with the internship projects.

Eligibility Criteria/Preparation and Submission Instructions

Mentors can choose any areas as per their specialization but the focus must be a IKS domain. ***Projects that are only marginally related to the IKS themes and are without substantial IKS content will be rejected*** (please see the note 1 regarding what does/does not qualify as a valid IKS project). Please make sure while selecting the number of interns, that your valuable time will definitely be available to them.

Eligibility: The IKS is inviting proposals from organizations working in the Indian Knowledge Systems. Faculty members in any Govt. recognized educational institutions (private/public), Govt. funded labs and NGOs/Trusts/foundations, acharyas in any gurukula or pathashala, practicing artists with a minimum of 5 years' experience in teaching and learning are eligible to be the principal investigators. To be eligible for this grant, NGOs/Trusts/foundations must be ***solely working*** in the research and education related to Indian Knowledge Systems. **Independent researchers without an institutional affiliation or students currently pursuing any degree are not eligible to apply as principal investigator.**
Each project must identify a list of mentors who will work directly with the interns. The principal investigator is expected to be assisted by a team of mentors with domain expertise.

Expectations from the mentors: The mentors are expected to spend 3-4 hours per week or more as needed to introduce the IKS project to the intern and provide references to literature that the intern is expected to know thoroughly understand. The interns will work with the mentor to conduct the literature search, experiments, field visits as per the project requirements. The mentors will help the interns in the preparation of the progress and final reporting by providing editorial oversight for factual correctness of the information in the report. In case of non-performance of the specified work by the interns, mentor is expected to report to the IKS division by email detailing the issue so that necessary action including the termination of the internship can be pursued.

Recognition for Mentors: Mentors are the key to the success of the IKS Samvahini program. We highly respect your passion and are grateful for selflessly spending your time and effort to teach the younger generation about the IKS. Mentors will be recognized with a certificate from the IKS Division.

Funding projects with clear deliverables that will help in the IKS Division's mission to support the implementation of NEP 2020 is our top priority. When proposals are similarly scored, we give preference to Principal Investigators who are Acharyas in traditional gurukulas/pathshalas, practicing artists, assistant professors, associate professors and professors (in this order). **An institute can submit only one IKS internship proposal. If multiple IKS internship proposals are received from an institute, all proposals will be rejected without review. The proposal can be submitted in any Indian Language included in the Eighth Schedule or English.**

Project Description: The project description must consist of a brief background of the topic, relevance to the IKS Division mission, clear and specific goals, clearly specified measurable outputs, and the expected number of hours an intern is required to spend to complete the project. Projects that have clear goals and specific measurable outputs and are relevant to the IKS area will be given preference for selection.

1. The proposal should focus on describing how it will support the IKS Division's effort to support the implementation of NEP 2020.
2. Maximum duration of the projects is six months.
3. Joint (multi institutional) and interdisciplinary projects are preferred, and encouraged.
4. All projects must be **completed before 31st March, 2023.** Extensions will not be granted.
5. **Proposal deadline is 11:59 p.m. September 15, 2022 and must be submitted through online portal (iksindia.org) only**. Any other form of submissions will not be considered. *Late proposals will not be accepted for any reason*.
6. IKS Division reserves the right to nominate proposals to the review panel that further the IKS Division's mission as determined by internal review. The nominated proposals will be considered on an equal basis and will undergo the same peer review process as other proposals.
7. Awards will be announced, and funds will be available in October 2022.
8. Final reports are due 31st March 2023. The honorariums for the project PIs, coPIs will be released only after the submission of the final reports and completions of the documentation.
9. IKS division requests that a no more than 300-word layperson language summary (Suitable for publicly posting on the webpage) and several photos of your work be submitted with each report. These may be used in IKS's annual report or on our website.
10. Please prepare the proposal as per the proposal guidelines given below. Failure to follow these proposal guidelines will result in your proposal not being reviewed or funded.
    a. Please use the proposal template provided. If you use the version at the end of this document, you will need to adjust pagination and margins. Proposals that do not follow the template will be rejected without review. There will be no further communication entertained if the proposal does not follow the template provided.
    b. Use the signature page provided and make it a separate page in your document.
    c. Complete the cover page provided. Make it a separate page in your document.

d. The proposal body with appropriate references should not be more than ten (10) pages long. Please write your proposal in clear simple language and do not list references unless you cite them.

e. Use 1-inch margins on all sides, single line spacing, at least 11-point font.

f. Please place page numbers at bottom center of the pages.

g. A complete proposal includes the following separate documents (as pdf only):
   i. Document 1: Cover page
   ii. Document 2: Proposal narrative
   iii. Document 3: Budget page
   iv. Document 4: PI and CoPI resumes
   v. Document 5: PI signature and institutional approval pages

h. Each of the document files must be <10MB.

i. Once your proposal is finalized, save as a PDF file using this naming format YOURLASTNAME_BGSamvahini2. If you are submitting two proposals, add a suffix identifier to each file name, i.e., YOURLASTNAME_BGSamvahini2_projectname

11. Submission Process

a. Please visit the IKS Division website and fill the details here: iksindia.org

b. Upload your PDF proposal files (<10 MB) and then press the submit button

c. If your submission has been successful in the web system, a notification will be sent within two days informing you of the successful submission. If you submitted a proposal but do not receive such notice, please contact the IKS.

12. Budget Distribution:

a. The project funds for will be sanctioned in two installments. The first installment will consist of the intern's fellowship amounts. The Second installment after the submission of all deliverables and documentation will consist of the honorariums to the PI, Co-PIs and Collaborators.

b. Proposals proposing more than the budget limit (15.0 lakhs or 120 person months) will be returned without review and automatically excluded from the review process. There will be no further communication in this regard.

c. Funding will be provided to support the following
   i. **Salary** for project personnel/project associates/research fellowships/interns.
   ii. **Honorariums:** The principal Investigator will be paid an honorarium of 1.00 lakhs/year. In case of Co-PIs or Collaborators, the honorarium of Rs. 1.5 Lakhs/year will be divided equally among them up to a maximum of Rs. 0.5 Lakhs/year- Co-PI or Collaborator. No other type of honorariums will be accepted for PIs/Co-PIs/Collaborators. The honorarium amounts will be released only after completion of all the deliverables of the project.

iii. **Supplies:** includes equipment with an individual piece value less than ₹10,000, i.e. ten temperature sensors or chemical bottles at ₹1000 each are still considered to be supplies. Any service charges for the analysis of samples can be included in this budget head.

iv. **Equipment/Facilities:** No equipment is allowed under this project.

v. **Travel and conferences:** Travel is allowed only for field visits and other data collection. Any travel to attend domestic/international conferences is explicitly not allowed. The maximum allowable travel and conference expenses are 20% of the total budget.

vi. **Contingencies:** Maximum contingency allowed is 5% of the total budget.

vii. **Overhead:** No overheads are allowed under this project.

d. Matching grants: While not mandatory, institutional support through matching grants or any other financial or in-kind support is encouraged to leverage the scant resources of the IKS division. Please indicate monetary and in-kind support from other sources for this project.

Guidelines for the projects: The projects must strictly be related to IKS themes. Projects must have clear scope that can be completed by interns in six months. The projects must have clear quantifiable deliverables. Writing a comprehensive report is required for all projects. For projects that involve performing arts, a comprehensive multimedia documentation is expected.

Note 1* For the purposes of this program, IKS is defined as the systematized knowledge that is created by Indians in Indian subcontinent over the millennia and has been transmitted through oral traditions, manuscripts, texts, and traditional practices. The IKS exists in all Bharatiya Bhashas in multiple forms. Projects must have significant input of the traditional knowledge. Significant input here means that the project must involve a study of the primary or secondary sources of IKS related literature. Project solely based on modern knowledge systems and modern scientific methods and analysis do not qualify as IKS projects. However, use of modern scientific analysis and tools to study IKS literature is highly encouraged. See the Table 2 below for specific examples.

Table 2. Examples of what qualify/do not qualify as an IKS project

Is an IKS project	Is NOT an IKS project
Study of mortar composition used in older bridges/forts/temples.	Study of bridges and ships in a locality.
Documenting and evaluating the water treatment methods practiced by communities.	Monitoring plastic pollution in a river.
Studying the relevance and applicability of Chanakya's arthashastra is relevant for solving current societal problems.	Studying the economic theories of Adam Smith or MMT.

Study of port construction in Dholavira and Lothal and estimating the capacity of those ports.	Studying ships in a port.
A study of the influence of Sanskrit education on the cognitive abilities of the students.	Visiting schools to see how Sanskrit education is imparted.
Identifying the contextual and etymological meanings of the words (ex. Dharma, nyaya, papa, punya) in a purana for the current societal context.	Enumerating the occurrences of words (ex. Dharma, nyaya, papa, punya) in a purana

Proposal Review Criteria

The following criteria will be used by the reviewers of your proposal to evaluate and rank your proposal against others. Please think about these questions carefully and answer them clearly in your proposal using the proposal structure specified.

- Are the implementation plan and goals clearly stated and **understandable**? (10 points)

- Is this project **relevant** to IKS Division's mission and focus areas? (20 points)

- Does the project lead to creation of substantial and **significant** resources for use in the NEP2020 implementation? (20 points)

- Will the results of this study be **useful**? Might they **make a difference**? What are the **economic/environmental/social** benefits of the outputs of this project? (15 points)

- Does the proposed **intern requirement seem appropriate** for the work to be executed in the project? (10 points)

- Does the PI and the team have necessary competence, prior experience and expertise to undertake the proposed project? (25 points)

Strength of the proposal (up to 100 words): Please list the specific strengths of the proposal.

Weakness of the proposal (up to 100 words): Please list the specific weaknesses of the proposal if any.

NOT withstanding the weaknesses do you think that there are some specific reasons due to which the project may still be considered for support?

Summary Statement (up to 100 words): Please indicate whether this proposal should be supported or not.

THE INDIAN KNOWLEDGE SYSTEMS DIVISION OF MoE @ AICTE
भारतीय ज्ञान संवाहिनी-2
2022 IKS SAMVAHINI PROPOSAL COVER PAGE (not included in page limit)

Proposal title:

Lead Researcher (Principal Investigator)

    Name:

    Email address:

    Phone number:

    Academic rank:

    Appointment type:

    Physical work location:

    Academic home department:

Co-PI(s) (if any):

Cooperator(s) (if any):

Project Budget Amount:

I certify that I will lead the project and complete all the tasks outlined in the proposal. I certify that a complete project report will be submitted at the end of the project and the funding support from IKS Division of MoE @AICTE will be acknowledged in any publication resulting from this work.

Principal Investigator

_____
                                                                                    Date

Principal Investigator Printed Name:

2022-23 IKS SAMVAHINI PROPOSAL BODY *(Five--page limit; Proposals that exceed the word limits for individual sections will be returned without review)*

Overview of the project (250 words): What is the project about? Describe the project idea here.

Contribution to the IKS Mission (250 words): How does this project contribute to the IKS mission? How will this project advance the IKS Divisions mission to support the implementation of the NEP 2020?

Justification (250 words): Please provide a justification for the project and its importance from IKS perspective.

Objectives and timelines (250 words): Please provide a clear list of specific objectives for this project. One-Three objectives a reasonable for this RFP. Clear and specific objectives will be given higher weightage.

Outputs and outcomes of the proposal (250 words): What are the outputs and outcomes of the project? Please prepare a list of specific outcomes and outputs. DO NOT use paragraphs to describe the outputs/outcomes.

Project Intellectual merit and broader impacts (250 words): What is the intellectual merit of this project? Please clearly specify what new materials will be curated in the project. How will this project support he implementation of the NEP 2020 by IKS Division? Explain how different types of stakeholders (School education teachers in school education, undergraduate education, researchers, general public) etc can use the outputs of the project. Projects that create original material that can be used by wider range of stakeholders will receive higher scores.

Procedures (500 words): Please provide a summary of the procedures that will be used in this project. While writing the summary of the procedures ensure to provide with adequate references to literature.

Project team expertise (200 words): Please tell us about the prior experience of the PI and the CoPIs in the proposed topic. What are the facilities available to the team to perform the research work outlined in the proposal? Expertise existing with each of the investigators in terms of preliminary results, to execute every component of the proposal should be highlighted.

Specific roles of Co-PI(s) and Cooperator(s), if listed on cover page (200 words): What are the specific roles of the team members? The team must include substantial contribution from all members. If the proposal contains more than one investigator, it is important to clearly mention the role of each Investigator in implementing the objectives of the proposal.

Timelines (100 words): Indicate timelines for project tasks and schedule of activities giving milestones through BAR diagram. Maximum duration for this program is six months.

References cited *(not included in the page limit)*:
- **Primary References:** Cannot be left blank. Must include at least one primary text. Primary references are the original texts pertaining to the research proposed. These are typically in Sanskrit or other Bharatiya bhasas. The team must have at least one person who can read the primary text without the aid or any translations.
- **Translated primary texts and Secondary References:** These pertain to the translations of the primary texts into various languages including English. Secondary references refer to the texts/articles such as commentaries for the primary texts.
- **Other references:** All other pertinent references are included here.

BUDGET *(not included in the page limit – please round all figures to nearest hundred rupees)*

NOTE: Please do not exceed the Rs. 20 Lakhs per project limit. Proposals proposing more than the budget limit will be returned without review and automatically excluded from the review process.

1. **Salary** for project personnel/project associates/research fellowships/interns.
2. **Honorariums:** The principal Investigator will be paid an honorarium of 1.00 lakhs/year. In case of Co-PIs or Collaborators, the honorarium of Rs. 1.5 Lakhs/year will be divided equally among them up to a maximum of Rs. 0.5 Lakhs/year- Co-PI or Collaborator. No other type of honorariums will be accepted for PIs/Co-PIs/Collaborators. The honorarium amounts will be released only after completion of all the deliverables of the project.
3. **Supplies:** includes equipment with an individual piece value less than ₹10,000, i.e. ten temperature sensors or chemical bottles at ₹1000 each are still considered to be supplies. Any service charges for the analysis of samples can be included in this budget head.
4. **Equipment/Facilities:** No equipment is allowed under this project.
5. **Travel and conferences:** Travel is allowed only for field visits and other data collection. Any travel to attend domestic/international conferences is explicitly not allowed. The maximum allowable travel and conference expenses are 5% of the total budget.
6. **Contingencies:** Maximum contingency allowed is 5% of the total budget.
7. **Overhead:** No overhead are allowed under this project.

Resume Format *(Do not exceed two pages for each investigator. The resumes are not included in the page limit)*

1. Name:
2. Correspondence Address:
3. Email:
4. Contact Numbers:
5. Institution:
6. Academic Qualification:
7. Work Experience (in chronological order):
8. Professional Recognition/Award/Prize/Certificate, Fellowship:
9. Peer Reviewed Publications:
10. Details of Patents (if any):
11. Books/Reports/Chapters/General Articles etc.:
12. Ongoing/completed Projects during the last 5 years:
13. Your competence to undertake this project (Maximum 500 words):
14. Any other information (Maximum 500 words):

Certificate from the Investigator
(Not included in the page limit)

Project Title:

It is certified that
1. The same project proposal has not been submitted elsewhere for financial support.

2. I undertake that spare time on equipment procured in the project will be made available to other users.

3 I agree to submit ethical clearance certificate from the concerned ethical committee, if the project involves field trails/experiments/exchange of specimens, human & animal materials etc.

4. The research work proposed in the scheme/project does not in any way duplicate the work already done or being carried out elsewhere on the subject.

5. I agree to abide by the terms and conditions of IKS Division of MoE @AICTE grant.

Signature of the PI
Name of the PI
Affiliation of the PI
Date:
Place:

Endorsement from the Head of the Institution

(Not included in the page limit)

This is to certify that:

1.   Certified that the Institute welcomes participation of _____ as the Principal Investigator and _____ as the Co-Investigator for the project titled _____, and that in the unforeseen event of discontinuance by the Principal Investigator, the Principal Co-Investigator will assume the responsibility of the fruitful completion of the project with due information to IKS Division of MoE @AICTE.

2. The date of project starts from the date on which the Institute receives the grant from Indian Knowledge Systems Division of MoE @ AICTE, New Delhi.

3. The investigator will be governed by the rules and regulations of Institute and will be under administrative control of the Institute for the duration of the project.

4. The grant-in-aid by the IKS Division of MoE @AICTE, New Delhi will be used to meet the expenditure on the project and for the period for which the project has been sanctioned as mentioned in the sanction order.

5. No administrative or other liability will be attached to the IKS Division of MoE @AICTE, New Delhi at the end of the project.

6. The Institute will provide basic infrastructure and other required facilities to the investigator for undertaking the research project.

7. The Institute will take into its books all assets created in the above project and its disposal would be at the discretion of the IKS Division of MoE @AICTE, New Delhi.

8. The Institute assumes to undertake the financial and other management responsibilities of the project.

                                                    Signature of the Head of the Institution with seal

Date: