



**PROPOSALS (CUSTOMIZATION OF TECHNOLOGY)
Upper Cap Funding Rs.1,00,000**



SEG Name	:	Participation in School Education
SEG Contact Details	:	Prof. Namita Mittal,
Proposal Id	:	C-13536/UP/SRD/CREI/50K/1
Title of the Technology	:	Augmentation of School Education with hands on training in basic sciences
Amount Requested For	:	50000
Date of Proposal Submitted	:	07-10-2024
PI Contact Details	:	Dr Rashmi Singh, rashmiknpg@gmail.com, 9415447808
State	:	Uttar Pradesh
District	:	Bhadohi
Village Name	:	Lalanagar
Current Status	:	Forward to assign concern SEG

Proposal submitted by	K.N.Govt.P.G.College, Gyanpur, Sant Ravidas Nagar, Bhadohi	RCI	Indian Institute of Technology (Banaras Hindu University), Varanasi (AISHE Code:-U-0701)
Name of College/Institution	K.N.Govt.P.G.College, Gyanpur, Sant Ravidas Nagar, Bhadohi (AISHE Code:-C-13536)	State	Uttar Pradesh
District	Bhadohi	Village Name	Lalanagar
Block	Gyanpur	Date of submission	07-10-2024
Coordinator Name	Dr Rashmi Singh	Email ID	rashmiknpg@gmail.com
Mobile No	9415447808	Principal Investigator	Dr Rashmi Singh
Email of Principal Investigator	rashmiknpg@gmail.com	Mobile No of Principal Investigator	9415447808

Proposal Overview

Subject Expert Group:	Participation in School Education
Title Of Technology:	Customization of Technology
Village where it is to be implemented	Lalanagar

Background of the Project (Priority Need)	Despite the remarkable progress made in improving access to education in India, several education challenges persist, particularly in rural areas. These obstacles hinder the ability of underprivileged children to receive quality education, limiting their opportunities for personal growth and societal advancement. In addition to infrastructure constraints, rural schools often lack essential resources like textbooks, teaching aids, and technology, which are essential for quality education. This limitation severely impacts the education system in rural areas and restricts students' learning scope, hampering their overall development.
Brief Objective/s of the Project	<ul style="list-style-type: none"> • hands-on learning using low-cost experiments from locally available materials. • Use of Videos, animations and simulations on mobile phones to support physical activity. • Creating awareness regarding growing age problems for girls students
Methodology to be Adopted	<ul style="list-style-type: none"> • The schools that provide secondary school education in the adopted village Lalanagar of Bhadohi district will be first identified. • Discussion with science teachers create a understanding regarding need of hands on training for a particular concept. • Identified students will be called to college where they will be exposed to laboratories. • Exposure to locally grown flora will help them to identify plants of medicinal importance. • Seminar on menstrual cycle and hormonal changes for girls students will help them to understand pros and cons related with this issue.
Funds Raised from Gram Panchayat	Others
Details of the funds raised from other agencies	no fund were raised from other agencies
Describe your role at various stage of the Project	The overall supervision of the project will be carried out by PI. Before conducting final hands on training session, pilot survey shall be carried out under the supervision of PI along with team members for selecting appropriate sample to answer the research questions. PI is also responsible to acquaint survey team in terms of familiarisation of the concepts used in the study, preparation of training and seminar programme. The analysis and report writing will be done solely by PI. After submitting the final report, similar kind of study may be proposed to carry out in remaining four model villages adopted by K. N. Govt. P. G. College, Gyanpur, Bhadohi, Uttar Pradesh.
Describe your role at various stage of the project	<ul style="list-style-type: none"> • The schools that provide secondary school education in the adopted village Lalanagar of Bhadohi district will be first identified. • Discussion with science teachers create a understanding regarding need of hands on training for a particular concept. • Identified students will be called to college where they will be exposed to laboratories. • Exposure to locally grown flora will help them to identify plants of medicinal importance. • Seminar on menstrual cycle and hormonal changes for girls students will help them to understand pros and cons related with this issue.
Impact on village/ Beneficiaries	
How to maintain future sustainability of installed technology in the village	A day will be selected in each month on which students from beneficiary villages allowed to visit science laboratories of our institutions. The faculty members demonstrate those practicals which were covered in that particular month from their curriculum.
Impact of this work on learning of Students	The beneficiary students will able to learn the scientific concept and also they know their uses in daily life.
Impact of this work on learning of Teacher	The teachers will be able to learn the reason behind the gap among the students for science learning and what will be the measures to close this gap.
Role of PI after compilation of the project duration	After compilation of the Project duration PI ensures the continuity of objective in the selected village and also try to implement the same technology in other 4 selected villages.

Duration of monitoring by PI Post Completion of the project	Monthly
Supporting Document	View Document View Prototype View Prototype

Total cost of the Product / Technology

S.No	Categories of Fund	Total cost of the Product / Technology
1	Site Preparation Cost	0
2	Equipment/Machinery cost	20000
3	Running Cost	0
4	Manpower Cost	20000
5	Electricity Cost	0
6	Miscellaneous Expense	10000
Total		50000

Observation / Comments

Comment By SEG-ADMIN	FORWARDED Date:07-05-2025
Comment By SEG	School Education Date:24-01-2025
Comment By PI	All documents are submitted. Please verify. Date:11-10-2024