



To express interest in this assignment please email: [priyanka.subba@crs.org](mailto:priyanka.subba@crs.org)

**CRS Farmer to Farmer Program  
Volunteer Assignment Scope of Work**

Summary Information	
Assignment Code	NE226
Country	Livestock Country Project
Country Project	Nepal
Host Organization	Institute of Agriculture and Animal Science (IAAS), Dean's office
Assignment Title	Capacity Development Program on Pedagogy with research designing training and writing
Assignment preferred dates	April- May 2020
Objectives of the assignment	Strengthen the faculties for quality teaching
Desired volunteer skill/expertise	Experts in pedagogical skills
Type of Volunteer Assistance	Organizational Development (O)
Type of Value Chain Activity	Information and Input Support Services (S)
PERSUAP Classification <sup>1</sup>	PERSUAP III

**A. BACKGROUND**

CRS/F2F and IAAS agreed to strengthen the capacity in teaching, learning and research of the faculties involve in higher agriculture education institution. The aim is to equip the human capital required for quality and effective teaching in Nepalese agriculture.

Institute of Agriculture and Animal Science is an academic institution under Tribhuvan University for imparting higher education in agriculture, animal science and veterinary sciences. IAAS which has been operating since 1974 is the pioneer and the largest educational institution in the field of agriculture in Nepal. At present, IAAS has one post graduate (PG) program, four constituent campuses, and four affiliated colleges distributed over different ecological regions of the country. The mission of the institute is to promote agricultural education and to train manpower for the overall development of agriculture. IAAS has also been continuously focusing on research and extension spanning around the problems and needs for agricultural development. In recent years, IAAS offers three levels of academic degrees including B.Sc.Ag., M.Sc.Ag. and PhD in various subjects of agriculture. IAAS hosted about 450 students per year in under-graduate agriculture while only 50 students are enrolled in bachelor in veterinary science annually. More than 100 students have been enrolled in different disciplines of post graduate program every year at IAAS.

<sup>1</sup> USAID precisely classifies PERSUAP in four categories; **PERSUAP Type I** assignments directly related to pesticides recommendations, **Type II** as assignments with indirectly related with pesticides, **Type III** assignments related to curriculum review and designing, business plan development and strategies development and **Type IV** as assignments associated with other USAID projects and collaborators.

## **B. ISSUE DESCRIPTION**

IAAS has been actively engaged in teaching-learning processes and conducting researches. Currently IAAS has ~80 full time teaching faculties representing different spheres of agriculture and animal sciences. Some faculties are heavily engaged in postgraduate teaching and research program. Their main duties are to teach undergraduate and postgraduate students and supervise post-graduate students for their compulsory field work. In addition, the academic faculties of University including both Agriculture and Animal Sciences departments are currently participating in various experiments and researches. The university has restructured its agriculture and animal sciences courses and most of the faculties are young talented people with willingness to learn and teach. These faculty members have come from different Universities in and outside Nepal. Faculty members have wider array of expertise and experiences, which is admirable, but still need to be harmonized to for quality learning environment. There are gaps on new research methodologies, data analysis and its interpretation among faculty members. There is a need to enhance existing academic faculties and senior administrator capacity on teaching and learning practices on topics not limited to; lesson planning, faculties and student evaluation, improvement in internal examination system and classroom management. IAAS believe that strengthening the pedagogical knowledge and skills of the faculties will contribute in development of qualified human capital. IAAS is looking for F2F program volunteer assistance to focus on in-house training and skill development to develop competent IAAS faculties.

## **C. OBJECTIVES OF THE ASSIGNMENT**

The general objective of this project is to enhance the skills and knowledge of IAAS faculties through various capacity development programs for quality teaching. A week in house training schedule is proposed in table 1.

## **D. HOST CONTRIBUTION**

IAAS will serve as the host institution to select the faculties and manage capacity development program at local level.

## **E. ANTICIPATED RESULTS FROM THE ASSIGNMENT**

Faculties will be trained in particular for effective teaching in agriculture. Trained faculties will add the value in effective teaching to the postgraduate and undergraduate students. Graduated students multiply the effective teaching in their respective field. Hence, National agriculture research, extension and development organization will be benefitted from quality graduates.

## **F. DELIVERABLES**

- IAAS faculties updated in pedagogical skills for effective teaching

## **G. SCHEDULE OF VOLUNTEER ACTIVITIES IN COUNTRY (Table 1)**

Days	Activities
Day 1	Arrival in Nepal. The volunteer expert will meet a hotel pick CRS's client hotel with a placard being "CRS logo and volunteer name".
Day 2	Security briefing and orientation at CRS office and meeting with IAAS (Expectation collection and skill assessment on pedagogical program)
Day 3-8	<b>Training</b> <b>Major content</b> <ul style="list-style-type: none"> <li>• Introduction to pedagogical skills</li> <li>• Lesson plan preparation</li> <li>• Internal evaluation system improvement</li> <li>• Effective classroom management</li> <li>• System of faculty and student evaluation</li> <li>• How to make teaching effective?</li> <li>• Research ethics, citation and manuscript writing</li> <li>• Accessing scientific journals (review process), journal ranking, impact factor</li> <li>• How to publish a research article?</li> <li>• Critical, systematic and meta review</li> </ul>
Days 9	Report preparation and closing with host
Days 10	Debrief with CRS and other stakeholders
Day 11	Travel back to the US

#### H. DESIRABLE VOLUNTEERS SKILLS dummy

This program is designed aiming to develop the capacity of IAAS faculties with current pedagogical knowledge, skills and academic writing. We have a firm belief that academicians working in USA are relatively more familiar with most of the advanced knowledge and technologies used for effective teaching as most of the universities of USA are top ranked university in the global context. Similarly, academicians familiar with the agricultural education are more appropriate for the proposed training. Hence, IAAS is expected to involve at least one expert having advance knowledge and skills in pedagogy and academic writing.

#### I. ACCOMMODATION AND OTHER IN-COUNTRY LOGISTICS

- Before travelling to the assignment place, the volunteer will stay in Kathmandu at one of the CRS's client hotels, Hotel Kutumba <https://www.orbitz.com/Lalitpur-Hotels-Hotel-Kutumba.h33780567.Hotel-Information> or another hotel that will be booked and confirmed before the arrival date. In Kathmandu, the hotel usually has rooms that include services such as airport pickup and drop-off, breakfast, wireless internet, etc. The hotel or CRS will arrange a vehicle for short travel from the hotel to CRS and vice versa while in Kathmandu.
- All required materials will be prepared ahead of time and will be provided to the volunteer. CRS Nepal will provide the volunteer with a laptop computer (if s/he needs), local internet dongle (modem/EVDO) and mobile phone with charged local SIM-card. Any other required logistics and facilities can also be requested

by the volunteer during her/his stay in Kathmandu. CRS will provide a vehicle and accompany the volunteer to the place of assignment.

- During the assignment period, the volunteer will be booked in a hotel at the project site or guest room provided by host facility, to be confirmed prior to volunteer arrival. CRS Nepal will arrange hotel accommodation and cover the lodging bills against receipts. CRS HQ will provide the volunteer with a per-diem advance to cater meals and incidences.
- Security information will be provided by CRS Nepal Security focal person at Kathmandu CRS Country office.

**J. RECOMMENDED ASSIGNMENT PREPARATIONS**

- Prior to travel, the volunteer is advised to sufficiently communicate with host focal points to better prepare assignment in advance as it is related to curricula upgrading.
- Go through IAAS existing curricula module and search for other curricula in the US universities what works the best in local context and scenario
- If the volunteer requires use of simple training aids like flip charts, markers or tape s/he should make the request and collect from the CRS office in Kathmandu prior to travel to the assignment place.
- Translation of handouts to the local language can be done at the assignment location if required.
- Depending on the meeting places and availability of electric power and LCD projector, the volunteer may use a laptop and projector for power point presentations.

**K. KEY CONTACTS**

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<b>Host Organization:</b>	

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