

Field: Government
Name: Agriculture Department
Location: Government of the Punjab, Lahore, Pakistan
Names of Positions: On Farm Water Management (OFWM) Intern
Water Management Training (WMT) Intern

Brief Description of Organization:

Agriculture Department functions to sustain food security and support national economy, making agriculture cost effective and knowledge based, with emphasis on farmer's welfare and maintenance of the yield potentials with the following objectives.

Information specific to the internship:

Primary Responsibilities

On Farm Water Management (OFWM) Intern

1. Address the various demand side planning and implementation issues including scientific, engineering and technological advances in irrigated agriculture that are inevitable for improving water productivity and promoting sustainable on farm water management in Punjab.
2. The same includes modern irrigation technologies and practices, modeling in irrigation & water management, application of Geographical Information System (GIS) and Remote Sensing (RS) in water management and renewable energy resources for irrigation. This will ultimately help in taking rational and cost-effective decisions regarding irrigation planning, designing, and implementing/executing on-farm water management programs and projects, and maintenance practices to maximize performance and reliability.
3. Review the OFWM interventions being promoted in the Punjab.
4. Identify new/modern water management intervention suitable for adopting in the province under various agro-ecological zones and make recommendations to accelerate adoption of such interventions.

Water Management Training (WMT) Intern

1. Address training and research impact on the farming community as well as identify specific capacity building requirements for the WMTI faculty and define the skills needed for the various OFWM stakeholders to be pursued in short and long term for addressing capacity gaps.
2. Prepare a comprehensive training plan including processes, tools and analytical framework for capacity building of stakeholders in modern water management interventions.
3. Assist in developing training modules, manuals, flyers, calendar etc. The same will facilitate in developing a need based training and capacity building strategy/program for stakeholders involved in implementation of OFWM interventions.

Stipend:

Travel (to and from work), language training, boarding and lodging can be arranged.

Schedule:

Desired start date is June 1st, 2012 through August 31st, 2012 but is adjustable to student preference.

Contact:

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