



Er. Navdeepak Sandhu
Deputy Director
(Corporate Relations & Alumni)

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ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

PTU PUNJAB
TECHNICAL
UNIVERSITY

Ref. No. PTU/CO/PO/231

Dated Dec 18, 2015

Joint Campus Semester Training Drive

I K Gujral Punjab Technical University invites your institute to participate in Joint Campus Semester Training Drive by Department of Water Supply & Sanitation (Punjab Govt.) Details of the training and incentives are attached.

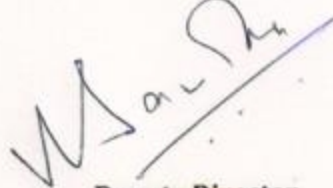
Details are as following:

Date & Time	:	Dec 22, 2015 & 0930 hrs
Venue	:	IKG PTU Campus, C – 102/B, Phase VII, Industrial Area, Mohali
Training Location	:	All district of Punjab
Designation	:	Trainee
Stipend	:	Refer to attachment
Course/Stream	:	B.Tech (Civil)
Batch Eligible	:	2016 passing out
Selection Process	:	Interview

Placement Officer are requested to direct the concerned students to appear in this selection process.

Students must bring their CV and 1 passport size photographs.

For any queries call @+91-9478098147.


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"Propelling Punjab to a Prosperous Knowledge Society"

I. K. Gujral Punjab Technical University Jalandhar

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No :- 2146

DT:- 18-12-15

To

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Subject: World Bank assisted Punjab Rural Water and Sanitation Sector Improvement project: Regarding nominating 20 to 25 final year students of Civil Engineering branch for training in Department of Water Supply and Sanitation.

It is intimated that Department of Water Supply and Sanitation is implementing World Bank assisted Punjab Rural Water and Sanitation Sector Improvement project with an estimated cost of Rs. 2200 crore. The project was launched by Hon'ble Chief Minister Punjab on 17th June 2015. Closing date of the project is 31st March 2021.

The development objective of the project is to improve water and sanitation service levels, reduce open defecation, and strengthen service delivery arrangements for the supply of safe water in 6241 villages in Punjab. The project is a complete package and includes implementation of water supply and sanitation schemes, construction of individual household toilets, interaction with community, triggering of community to generate demand, community development, preparation of estimates, tendering of works and procedure for the checking of construction quality. The project has four components. The Component wise information about physical and financial targets to be achieved under the project have been given with attached "Annexure A" for ready reference.

Department of water supply and sanitation intends to provide training opportunities to civil engineering students for the soft activities and implementation of sub components 2a, 2b and 2c of the project which pertains to providing Improved access to water through household connections along with laying of distribution system in the left over streets and making the village Open Defecation Free as per details provided in **Annexure A**.

The objective of the subcomponent 2a is to promote delivery of minimum 10 hours of water supply through private household connections to 100% households. The component covers villages that have well-built water schemes which are relatively old and connections are limited to a few households. Such schemes would require laying of additional distribution system to cover the left over streets /newly settled Abadis or replacement of old distribution pipes, providing household connections to uncovered houses (metered connection if demanded), pumping machinery, repair or replacement of control panel, repair of civil structures including overhead service reservoirs, replacement of disinfection system etc. required to improve service delivery from the existing scheme.

Component 2b pertains to operational improvement of relatively newer water supply schemes. These components focus on building the capacity of the community to execute the work and after completion of work takeover of the scheme for operations and maintenance and run it sustainably by adding household connections in left out houses either through meters or without meters as per the decision of villagers along with extension of pipe lines, wherever, required. The soft activities required to be taken up for components 2a and 2b before the actual execution of the work have been listed in "**Annexure B**".

After the completion of soft activities procurement of works for the installation of water connections will be done by Gram Panchayat Water and Sanitation Committee (GPWSC) themselves mostly by following community driven development guidelines (CDD) if cost is not likely to increase from Rs. 10 lac. In case cost exceeds Rs. 10 lac then the procurement of work for the installation of water connections (with or without water meters as per choice of community) and laying of small distribution lines, will follow National Competitive Bidding procedure (NCB). In addition, the GPWSC will also have an option to implement water supply distribution works by procuring material like cement, steel, and pipes separately and installing them either by awarding a labor contract or through the community.

Construction of Individual Household Latrines (IHHL)

Component 2c of the project focuses on the construction of house hold toilets to make the villages Open Defecation free. It mainly focuses on behavior change followed by construction of Individual household sanitary Latrine.

Payment Incentive to trainee students

The Department proposes to pay incentive/honorarium money to the trainee engineers in lieu of the services to be rendered by them in the villages. The incentive money payable to the trainee engineers shall be at par with incentive approved for the master motivators. They will carry out triggering activities as listed in the **Annexure C** with the help of village motivators. The brief incentive guidelines are as under:

- A team of two students shall be assigned 8-10 villages. However hard working students may be allotted 10-12 villages also. They shall be supported by 3-4 motivators ie@one motivator for two to 3 villages .
- Normally it will take three months to complete the work in these villages
- Each student shall be paid incentive as per following Terms and conditions :
- Fixed incentive of Rs 1100/- per village for carrying activities under component 2a or 2b of the project
- Students shall be entitled to additional incentive of Rs 400/- per village for the villages allotted to them are to be made Open Defecation Free under Swachh Bharat Campaign.
- Additional Outcome incentive of Rs600/- per village if villages achieves 95% connection status and establishes 10 hour water supply by curbing the water


wastage and they will get additional outcome based incentive of Rs 400/- Per village if village achieves ODF status after construction of latrines.

- A travelling allowance of Rs 1500/- Pm per student for 3 months subject to the condition that 15 visits have been carried out by the each student per month.

If a team of two students takes up work under Water supply component 2a or 2b, in 8 villages then they may earn handsome incentive of Rs. 18100/- to Rs 24500/- in 3 months and in six months they may earn between Rs. 36200/- to Rs. 49000/-. Motivators who will assist the students shall be paid separately approximately Rs. 8000-12000 per village in three months. Students may exercise the option of building their own team of motivators. The students who shall opt for this scheme, shall be imparted training by the DWSS regarding details of component 2a /2b and sanitation. This training shall enhance their future career prospects. Trainee Students shall be extended continuous hand holding by the officers of DWSS during the implementation of components 2a, 2b and 2c. The trainee engineer would be attached with an Executive Engineer or Sub Divisional Engineer to work under their guidance. In addition the services of better performing, dedicated trainee engineers shall be recognized by honoring them in state/district level official award functions.

It may be concluded that the subject cited project being implemented by Department of Water Supply & Sanitation Punjab, provides very good opportunity to the final year civil engineering students for practical learning of the civil engineering works as their "project semester work". Duration of each trainee is anticipated for a period of 6 months (adjustable as per available tenure). In view of above it is requested to nominate final year students of Civil Engineering branch from your college each year to Department of Water Supply and Sanitation Punjab. Accordingly, it is requested to send the first list of nominees for the training course for the current year 2015-16.

DA/Annexure A, B & C


(Ajoy Sharma IAS)
Secretary and Head DWSS
Punjab

Component wise information about physical and financial targets to be achieved under the project

Sl No	Particulars	Unit Rates - INR Lakhs	Phycial targets	Financial targets
1A: Strengthening: Upgradation of service delivery				
i	Canal schemes (SV / MV)	164.31	135	234
ii	Tubewell schemes (SV / MV)	41.63	435	203
	Subtotal (1A)		570	437
1B: Sewerage Schemes with treatment systems				
i	Sewerage Schemes with treatment systems	150.00	315	555
	Subtotal (1B)		315	555
2A: Improved access to water through household connections				
i	Improved access to water through household connections (no. of households)	0.01500	650000	110
	Subtotal (2A)			110
2B: Operational Improvement for improved Water Supply Service levels				
i	Operational Improvement for improved Water Supply Service levels	11.00	400	45
	Subtotal (2B)		400	45
2C: Household Sanitation (toilet)				
i	Household Sanitation (toilet) (no of households)	0.06	625000	375
	Subtotal (2C)		625000	375
3A: Water Quality Monitoring				
i	Water Quality Monitoring and Mitigation		0	42
	Subtotal (3A)			42
3B: Safe and Treated Water for Water Quality Affected Villages				
i	Installation of Water treatment plants for retrofitting	18.00	150	29
ii	Safe and Treated Water for Water Quality Affected Villages	225.00	121	302
	Subtotal (3B)		271	331
COMPONENT 4: INSTITUTIONAL DEVELOPMENT AND PROJECT MANAGEMENT				
	4A: Institutional Costs			230
	4B: Project Management			74
	Subtotal (4)			305
	GRAND TOTAL			2,200

Soft activities required to be taken up for components 2a and 2b

Soft Activities	Soft Activities to be undertaken
First visit	Sensitization and awareness campaign for communities on · benefits of 10 hrs water supply & 24x7 metered water supply. · water quality issues · Women in decision making, gender mainstreaming and vulnerable community · Complaint Redressal System(SNK)
Second visit	· Formation of the GPWSC (if not already existing) or strengthening (if already existing) as standing committee of in the Gram Sabha meeting (SV) Formation/strengthening of multi village water and sanitation committee for MVS where applicable · Displaying List of GPWSC members along with their phone numbers through 2-3 wall writings at public places
Third visit	Capacitating GPWSC · Roles and responsibilities of GPWSC and others · Ensuring equity, inclusion (Gender, vulnerable groups), transparency & accountability · benefits of 10 hrs water supply & 24x7 metered water supply. · Financial · Sustainability · Water quality issues · Awareness about Complaint Redressal System(SNK)
Fourth visit	· Tripartite MOU (Agreement) (for SVS) signed among EE, GP and GPWSC · Opening of separate bank account by GPWSC
Fifth visit	· Display of details of scheme, contribution collected
Sixth visit	GPWSC O&M Management Trainings · Technical · Financial · Book keeping · Discussions with community members on O&M plan and budget · Conduct GP/ VWSC meeting to fix user fees in a participative manner. Inclusion and Equity with focus on vulnerable groups during O&M · Appoint operator and assistant to collect user fees · Ensure sufficient spares are available and · village resource persons are trained in O&M
Seventh visit	· Training of GPWSC members on O&M Activities related to components of water connections · Capacitating school children about cleanliness how to use water economically and hygiene education
	TOTAL

Annexure C

Indicative Activities of Master Motivators

Sr.No.	Activity under SBM	Activity under Component 2A and 2B	Man-days of team of two master Motivator for one village
Visit 1	<ul style="list-style-type: none"> • Pre triggering Jointly by the team of two master motivator and motivators • Orientation of GPWSC about roles and responsibilities under SBM/2A-2B component • School Visit 	<p>Capacitating GPWSC and Community on social development related issues such as health/hygiene/sanitation, gender, and benefits of 24x7 or 10 hour water supply a Volumetric billing, benefits of community control in the operation and management of water supply schemes</p> <p>Orientation of GPWSC about roles and responsibilities under water project</p> <p>School Visit, school triggering, brief the teachers on manual provided to them on safe water and sanitation. And motivate teachers for formation of swachhta club in the school.</p>	2
Visit 2	Triggering to be done jointly by both the master motivators	<p>Safe handling of water</p> <p>Water quality Testing using H2S kit.</p> <p>To educate villagers on metering and volumetric tariff</p>	2
Visit 3	Morning Nigrani Immediately after Triggering by one master motivator(5 Am)	<p>House to house visit to check water wastage and create awareness regarding ill effects of Tullu Pump and removal of Tullu Pumps. Motivate the households to have taps in the house.</p> <p>Visit to the school and ensure formation of swachhta clubs.</p>	1
Visit 4	One additional Nigrani by One Master motivator	<p>House to house visit to check water wastage and create awareness regarding ill effects of Tullu Pump and removal of Tullu Pumps. Motivate the households to have taps in the house.</p>	1
Visit 5	Re Triggering of the community once construction is complete	Support Motivator in removal of Tullu Pump and water conservation	1
	Total		8