



**ProESE - Practice-oriented Education in Sanitary Engineering**

**ProEducat - Practice-oriented Education and Training in Water Technology**

Together with the University of Pretoria, University of Lima and Festo Didactic the goal of this Public-Private-Partnership (PPP) is to develop training courses in the field of environmental technologies.

During the course of the project vocational training modules will be developed for training in Indian urban water management. The modular training courses will enable the partner institutions to train their staff while meeting the requirements of urban water management, to go on to qualify and further train urban water management staff (train-the coach concept).

The project is aimed at unskilled and semi-skilled workers with a basic knowledge of craftsmanship skills who will receive qualification and further training on site in the following fields:

Transport, treatment and distribution of drinking water  
Transport and purification of wastewater

The trainings will divide the very complex theory of Water Supply and Waste Water Treatment. Into unit operations which are more easy to understand. Courses for Water Treatment (f.e. precipitation, sedimentation, filtration, etc), Water Supply (f.e. use of pumps, storage systems) and Process Control (pressure and flow measurement).

All these courses are easy adapted in a modular learning system supplied by Festo Didactic named Edukit PA. Within this, it is easy to teach practice oriented and it is easy for the students to transfer the learned

topics into daily work. The use of this practice oriented learning systems increases the efficiency of learning.



Funding Institution:
GIZ – Festo Didactic
Contact:
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Project partner:
Festo Didactic &Co.KG, Denkendorf Universität Pretoria, South Africa Universidad de Ingeniero Lima, Peru Land Baden Württemberg GAK Emmingen Liptingen Gemeinde Emmingen-Liptingen Dr.-Ing. Jedele und Partner GmbH, Stuttgart
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**Content of proESE/proeducat**

