

CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

1. **Proposed Position:** Dean of Applied Engineering & Urban Planning College
2. **Name of Institution:** University of Palestine, Gaza Strip
3. **Name of Staff:** **Hasan Mohammad Khaled Hamouda**
4. **Experience :** **20 years**
5. **Date of Birth:** **1971** **Nationality:** Palestinian
6. **Education:**

Institution	University of Palestine, Gaza Strip
Dates	2015
Degree/Diploma obtained	Associated professor in Environmental Engineering, Wastewater Treatment

Institution	Clausthal University of Technology, Germany
Dates	2005
Degree/Diploma obtained	<p>Post-Doc in Environmental Engineering, Wastewater Treatment Optimization of municipal WWTP,s in particular:</p> <ul style="list-style-type: none"> - the effect of a reclamation of waste water collection system on reducing the infiltration of groundwater into the collection system - A compilation of loading data and the treatment efficiency of municipal waste water treatment plants and comparison with the state of the art and bench-mark. - the reduction of floating and filamentous sludge - reduction of odors in rain water collecting system

Institution	Clausthal University of Technology, Germany
Dates	2003
Degree/Diploma obtained	<p>PhD in Environmental Engineering, Wastewater Treatment Dissertation: Review of balancing and Reducing of excessive sludge in municipal waste water plants</p>

Institution	Clausthal University of Technology, Germany
Dates	1999
Degree/Diploma obtained	<p>Msc. in Process Engineering majoring in Mass Transfer & Environmental Engineering Dissertation: Design and construction of new mixer to prepare polymer solution for using by the Sludge dewatering</p>

Institution	Clausthal University of Technology, Germany
Dates	1995
Degree/Diploma obtained	Bsc. in Process Engineering

7. Membership of Professional Associations:

- Member of the Palestinian Engineering Association, Gaza Branch, since 2011.
- Member of the Association of Researchers in Construction Management, 2014 (uk)

8. Other Training:

• **Educational Training And Conferences:**

- **ACHEMA June 1999, 2001, 2003 Frankfurt -Germany**

World forum for chemical process engineering showcases new equipment, processes, services, and research and development.

- **Water Pollution Controller conference in 2003 Hamburg-Germany**
- **GVC waste water Congress in 2003 Bremen-Germany**
- **Water quality conference in 2004 Wolfsburg Germany**
- **The 30th ARCOM Conference, 2014, UK.**

• **Given Courses:**

Training: Safety and hygienic aspects for Wastewater Treatment Kalefeld (Germany).

Training: WWTP operation in Gieboldehausen (Germany).

Training: WWTP Operators in Gaza strip.

9. Countries of Work Experience:

- Palestine
- Germany
- Holland
- Sweden
- Tunis

10. Languages:

(For each language indicate proficiency: good, fair, or poor in speaking, reading and writing)

Language	Speaking	Reading	Writing
Arabic	Mother tongue		
German	Very good	Very good	Very good
English	Good	Good	Good

11. Employment Record:

From – to (year)	1995-2002
Employer	Clausthal University of Technology, Germany
Positions held	- Teaching assistance - Researcher

From – to (year)	2003-2004
Employer	Clausthal University of Technology, Germany

Positions held	Post doctorate
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From – to (year)	2004-2005
Employer	Technocon GmbH Germany – Water Technology Consulting
Positions held	Project Manager

From – to (year)	Since 2005
Employer	University of Palestine
Positions held	<ul style="list-style-type: none"> - Dean of Applied Engineering & Urban Planning College - Vice President for Academic Affairs - Dean of Admission and Registration

12. DETAILED TASKS ASSIGNED IN THE PROJECT:	
<i>List all tasks to be performed under this assignment</i>	
<ul style="list-style-type: none"> • Several Researches in waste water treatment and solid waste management • Preparation of lecturing book for Environmental Engineering 	

13. WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:	
<i>Among the assignments in which the staff has been involved, indicate the following information for those assignments that best illustrate staff capability to handle the tasks listed under point 11.</i>	
Name of assignment or project	Excess sludge reduction in WWTPs
Year	2004-2005
Location	Germany
Client	11 municipalities in Germany
Main project features	The reduction of floating and filamentous sludge in the municipal wastewater treatment plant Bovenden (Germany)
Positions held:	Project Manager Technocon GmbH Germany-Water Technology Consulting
Activities performed	
Name of assignment or project	Floating sludge reduction in Settling tank
Year	2005
Location	Bovenden- Germany
Client	Bovenden municipality
Main project features	The reduction of floating and filamentous sludge in the municipal wastewater treatment plant Bovenden (Germany)
Positions held:	Project Manager
Activities performed	

Name of assignment or project	Odors reduction in Storm Water collection System
Year	2004
Location	Clausthal-Germany
Client	Clausthal municipality
Main project features	The reduction of odors in Storm Water collection System (3 km) in Clausthal-Zellerfeld
Positions held:	Project Manager
Activities performed	
Name of assignment or project	Design of PO4-P-elimination station
Year	2004
Location	Kalefeld- Germany
Client	Municipality Kalefeld
Main project features	Design of FeCl - Dosage station for PO4-P-elimination in the Bioreactor in the municipal wastewater treatment plant Kalefeld (Germany)
Positions held:	Project Manager
Activities performed	
Name of assignment or project	Safety plan for WWTP
Year	2003
Location	Kalefeld- Germany
Client	Municipality Kalefeld
Main project features	Conducting a Water Safety plan for the Overflow situation, application with Safety and hygienic aspects for the municipal wastewater treatment plant Kalefeld (Germany)
Positions held:	Project Engineer
Activities performed	
Name of assignment or project	Water Pollution Control
Year	2002 -2005
Location	Kalefeld- Germany
Client	Municipality Kalefeld
Main project features	Responsible for 80 km Water collection system in Kalefeld (Germany)
Positions held:	Water Pollution Control
Activities performed	
Name of assignment or project	Cross flow filtration
Year	2002
Location	Gieboldehausen -Germany
Client	Gieboldehausen municipality

Main project features	Design and Installation of Cross-flow-Process by the separation of Bio sludge in cooperation with (Koch-Company, Germany)
Positions held:	Project Engineer
Activities performed	
Name of assignment or project	Odors reduction in Storm Water collection System
Year	2002
Location	Gieboldehausen -Germany
Client	Gieboldehausen municipality
Main project features	The reduction of odors in Storm Water collection System (2 km) in Gieboldehausen (Germany)
Positions held:	Project Engineer
Activities performed	
Name of assignment or project	excess sludge production
Year	2001
Location	Gieboldehausen -Germany
Client	Gieboldehausen municipality
Main project features	Design a the Bio-reactor for testing the effect of Sludge-age on the excess sludge production in the municipal wastewater treatment plant Gieboldehausen (Germany)
Positions held:	Project Engineer
Activities performed	
Name of assignment or project	MBR
Year	2000
Location	Sfaks Tunis
Client	Sfaks university
Main project features	Design and construction of new anaerobic Bio-Membrane-Reactor (MBR) in Cooperation with The Sfaks University (Tunis)-Clint EU
Positions held:	Project Engineer
Activities performed	
Name of assignment or project	High Compact Reactor
Year	2000
Location	Germany
Client	South Africa government
Main project features	Using a new High Compact Reactor (HCR) by the treatment of Wastewater in the Paper-Industry (South Africa)
Positions held:	Project Engineer