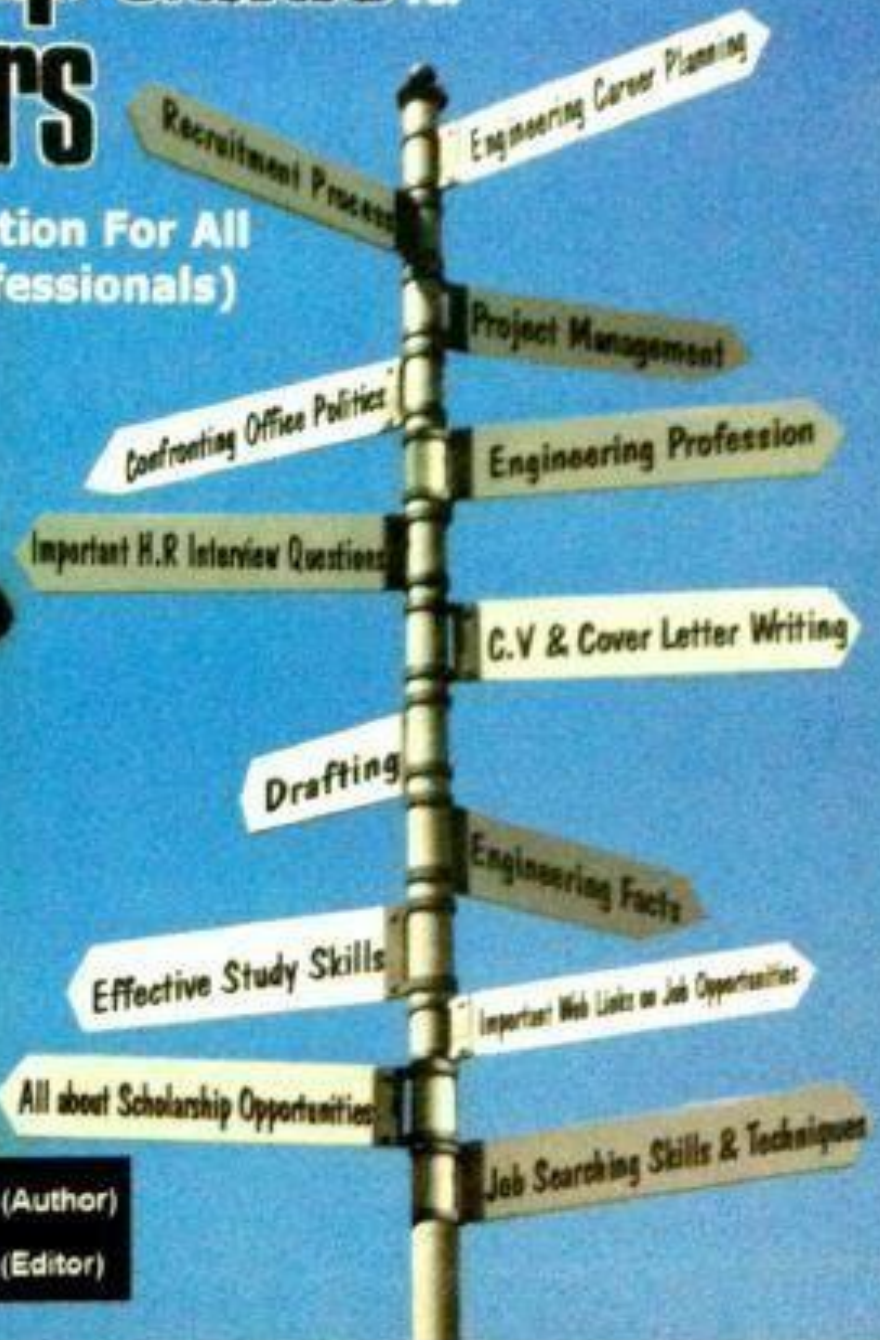


# Career Roadmap Guide for Engineers

(A One Stop Solution For All Engineering Professionals)



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## STATEMENT OF PURPOSE

**(For PhD in Civil/Environment Engineering or any field relating to it)**

I am writing this Statement in support of my application to enter the doctoral program in Civil and Environmental Engineering at the University of **enter name of intended university [1]** in **enter name of country**. I have a great passion for waste-water management and my long-term goal is to teach in this area because I am convinced that this would be the most effective way for me to contribute to the preservation of our water bodies. I completed my MSc degree in Environmental Engineering and Project Management at **enter name of university you got your Master degree from [2]** in the **enter name of country**. I have a great passion for research and I look forward to participating in future comparative studies that involve America & Europe. In addition to my Masters, I hold an honorary B.E. in Civil Engineering from the **enter name of the university you graduated from** in Pakistan.

I am especially interested in doing graduate work in the area of nutrient removal in waste-water and waste-water treatment plant modeling. I have **entered your experience in years** in the management of engineering projects and have already spent many years being involved in engineering related research. I have been a team leader for a number of pilot projects and have already done some research concerning water bodies and wastewater management.

At **[2]** University, I investigated the reliability of one of the locally located waste-water treatment plant models. I have closely followed how regulating authorities have focused their attention on the removal of biodegradable organics and suspended solids from wastewater and have rejoiced in the increasing environmental awareness and concern of the general public in recent times for protecting our water bodies. And I am honored to be able to serve my fellowman, and indeed the planet, by helping authorities to meet increasingly stringent requirements concerning discharge. More recently, this

trend has resulted in the removal of some nutrients from waste-water, particularly nitrogen and phosphorus, and I have a special interest in this area. I look forward to being involved in pilot plant development and expansion. I am especially excited by the fact that computer simulation software is now available for the modeling of waste water treatment plants designed to remove biological nutrients.

I see my sojourn to the First World as a learning experience that will hopefully prepare me to one day become deeply involved in water management at home, in Pakistan. I am concerned with the communication aspect of environmental preservation, working to heighten awareness among Pakistani educators of the critical importance of protecting our water supplies. A great barrier to Pakistan's management of waste is the attitude of the people. Most are ignorant of the consequences of their indiscriminate disposal of waste. Research into waste-water management in Pakistan is needed in many areas, for example, in public administration, as well as in civil engineering. I look forward to contributing to consciousness raising efforts concerning the relationship between water supply and human disease.

Finally, I would like to express my keen desire to serve as a research assistant in your department. And I want to thank you for consideration of my application.