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RENJU R. PILLAI
Senior Consultant (Design), Suchitwa Mission

EDUCATIONAL QUALIFICATION

- M.Tech in Geotechnical & Geo-environmental Engineering, IIT Delhi
- B.Tech in Civil Engineering, Govt. RIT, Kottayam, Kerala

FIELD OF EXPERTISE

- Sanitation & Solid-Liquid Waste Management
- Geo-environmental engineering
- Geo-technical Engineering
- Planning, Design, Estimation, Tendering and Execution of Public Work Projects

PROFESSIONAL EXPERIENCE

June 2016 – Present

- Senior Consultant (Design)- (*Assistant Engineer LSGD on deputation*), Suchitwa Mission, Kerala Local Self Government Department
- Experienced in planning, design, estimation, execution and monitoring of Sanitation and Solid-Liquid Waste Management Projects
- Good knowledge in acts, rules, G.Os and mandates related to Waste Management

June 2012 – June 2016

- Assistant Engineer (Civil), Kerala Local Self Government Department
- Experienced in formulation, planning, design, estimation, tendering, execution and monitoring of various public works as per Government norms
- Good knowledge in Government of Kerala acts, rules, G.Os and other mandates related to public work projects, town planning in LSGIs

July 2008 – June 2009

- Graduate Engineer Trainee (Civil), M/s Shapoorji Pallonji & Co. Ltd, Mumbai
- Exposure to construction of machine foundations, IT park and various departments such as Planning, Quality and Execution

ACADEMIC RESEARCH

- **Master of Technology Thesis, Indian Institute of Technology, Delhi**

Title—Stabilization of soil using waste human hair fibers

Supervisor—Dr. Ayothiraman Ramanathan, Associate Professor (Indian Institute of Technology, Delhi)

Duration - July 2011 to May 2012

- **Bachelor of Technology Project, Mahathma Gandhi University, Kottayam, Kerala**

Title —Assessment of Sedimentation in Kallada Reservoir

Supervisor —Mrs. Lekshmidhevi C. A, Assistant Professor, Govt. RIT, Kottayam

Duration - Dec, 2007 - May, 2008

CONFERENCE PAPERS

- **Pillai, R. R.** and Ayothiraman R. 2012. An innovative technique of improving the soil using human hair fibers. Third International Conference on Construction In Developing Countries (ICCIDC–III), Bangkok, Thailand, 428-434.
- **Pillai, R. R.** and Ayothiraman R. 2012. An innovative technique of improving the soil using human hair fibers. Indian Geotechnical Conference, IGC 2012, 408 – 411.

TECHNICAL SKILLS

Practical : Trained Geotechnical Laboratory Skills, Surveying, Quality Control
Drafting : AUTOCAD
Estimation : PRICE

PERSONAL INFORMATION

Date of Birth : 28 - 05 - 1987
Sex : Male
Marital Status : Single
Language Known : English, Hindi, Malayalam, Tamil