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தேசிய நீர் வழங்கல் மற்றும் வடிகாலமைப்புச் சபை
ஆய்வு மற்றும் அபிவிருத்திப் பிரிவு
National Water Supply & Drainage Board
Research & Development Section



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Date: 29/09/2022

To whom it may concern,

Volunteering as researcher certification

This letter is to certify that Mr. R.A.O.S. Ranaweera, an Electrical Engineer of Regional Support Centre – Central, works as a volunteer researcher collaborating with Research and Development division. His research work includes,

- 1). Developing and deploying embedded hardware for monitoring water utility parameters at Welamboda water supply scheme, Kandy, Sri Lanka.
- 2). Developing and deploying embedded hardware for monitoring water utility parameters at Meewathura water treatment plant, Kandy, Sri Lanka.
- 3). Development of a mobile application for monitoring the collected data from water utilities.
- 4). Development of water demand prediction technique by using machine learning-based model.
- 5). Development of an energy cost optimization algorithm to schedule energy source management for a water supply scheme.

This letter is issued on behalf of the request of Eng. R.A.O.S. Ranaweera.

Eng. E.P. Rajapakse
Assistant General Manager
Research & Development Section
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