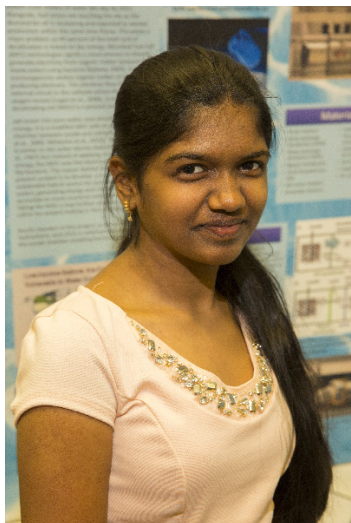


CWSF 2014 - Windsor, Ontario



Niya Vanganur

Vast Waste to Watts Taste

Challenge: Energy

Category: Intermediate

Region: Windsor

City: windsor, ON

School: Massey S.S.

Abstract: According to World Health Organization survey in the next decade two-third of people on the globe is expected to live in water scarcity conditions. Hence the aim of the project is to converting salt water to fresh water using microbial desalinization cell, which is modified microbial fuel cell. This process generates renewable energy and pure water simultaneously and treats waste water.

Biography

my name is Niya, and I'm in grade nine going to Vincent Massey s.s. in future I would like to go into the medical and sciences fields, and I think that going to Canada wide will give me an amazing experience in many verities such as independence work and also working with others. this was my third year participating in a science fair and my first time making it to Canada wide. I believe that this will ever be a memorable experience for me. I've won a gold medal at the regional science fair and also an energy conservation award. my inspiration to doing this project is actually my concerns toward the water scarcity in many countries. in my future research, I want to explore the biogenetics of an organism. science fairs are great for developing minds of young scientists in our communities and it is really important to encourage them to participate and also have a little competition and motivate them with lots of awards and also for them to get involved in more research and diversity.