


## MODEL 1 TEMPLATE

Title of the Work: <b>Implementation of Energy Saving @ 250 Houses</b>		
Name of the GREEN Contributor:	Dr.L. RAMESH FIE	
Institution/Organization Name:	Dr MGR Educational and Research Institute	
Contributed UN SDG Goals	SDG 7 and SDG 13	

### Summary of the Work:

As very small initiative to reduce energy demand, I started promoting energy saving tips and implemented in group of houses. The project started in the year 2019 and created awareness with 350 houses about, #green9mantras to save one unit per day at home. I had visited 350 houses and presented them about the importance of energy conservation, electrical safety, wastage audit and basic of electricity. After the visit, I insisted them to implement the 9mantras tips to save energy at home. It continued with the regular monitoring and suggestion through online discussion.

It had good result, when I visited after three months and measured the implementation they did and how they got saved the Unit. It was observed that 265 houses implemented the concept and got fruitful outcome, which is presented below.

### Photo representing Your Work



### TOP FIVE OUTCOME TOWARDS GREEN IN QUANTITY:

Created Energy Saving Awareness' with 950 members

250 houses successfully implemented 9mantras @ Home

54,750 Unit saved/Annum towards 150 houses


45,000 Unit Saved/Annum towards 100 houses

126675 kg of Co2 Saved towards energy Saving

### Nominated and Verified By


Dr G.Pandian, General Manager , IOCL

## MODEL 2 TEMPLATE

<b>Title of the Work:</b> <b>Design of Intelligent Energy efficient Controller for Induction Motor</b>		
<b>Name of the GREEN Contributor:</b>	<b>Dr.K.MohanaSundaram</b>	
<b>Institution/Organization</b>	<b>KPR Institute of Engg. &amp; Technology</b>	
<b>Contributed UN SDG Goals</b>	<b>7,9</b>	


### Summary of the Work:

Energy crisis in the world is the main factor to reduce the economic growth of both developing and developed countries. Electric motors particularly induction motor play a vital role for consumption of electrical energy. In order to meet the consequences due to reduction of the availability source of non-renewable energy, researchers are mainly focusing on energy efficient machines. Being an researcher I took the problem of saving energy by means of intelligent controller design to control the speed of induction motor drives used in industries. The published article of my work in Elsevier journal Applied soft computing with an Impact factor of 5.42 validates the proposed approach.

<b>Photo representing Your Work</b> 	<b>TOP FIVE GREEN OUTCOME IN QUANTITY:</b>
	Adopted the technology in 5 Industries.
	Energy savings:15kwh Running load Induction motor reduced to 8 kwh, Average savings Per month=Rs.12936
	No of views of this article:126 times
	No of people used this article as references(Citations):14
<a href="https://www.sciencedirect.com/science/article/pii/S1568494612001007">https://www.sciencedirect.com/science/article/pii/S1568494612001007</a>	

<b>Nominated&amp; Verified By</b>	<b>Dr.M.G.Sumithra Head/CFRD, KPR IET</b>
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### MODEL 3 TEMPLATE

<b>Title of the Work: My Tree Towards Society</b>		
<b>Name of the GREEN Contributor:</b>	<b>Dr.J.Balamurugan</b>	
<b>Institution/Organization Name:</b>	<b>Agatiam Trust, Thirumullaivoyal</b>	
<b>Contributed UN SDG Goals</b>	<b>3,11,15,17</b>	

### Summary of the Work:

Agatiam Trust, works in the vicinity of Chennai sub-urban people is located in Thirumullaivoyal, with a mission to work for the uplift & empowerment of marginalized society both socially and economically which in turn helps the sustainability of the poor to have a right place in the society. As a part of restoring the Greener society in Thirumullaivoyal,( the locality which was earlier called as Manthoppu is now fully occupied residential hub) was decorated with greenery by planting native trees on both the side of the interconnecting roads as well as radial roads. Now, the 500 saplings have grown to moderate tree which is an inspiration to the all the youngsters in the area. Agatiam Trust, Greenery initiative have planted 150 saplings in Sathyabama Engineering College, 100 saplings in Dr.M.G.R Research intuition, 100 saplings in Institution of Engineers & 500 saplings in nearby villages.

### Photo representing Your Work



### TOP FIVE OUTCOME OF THE WORK IN QUANTITY:

Roadway users have a pleasant experience with Greenish environment.

Reduced 500kgco2

300 members transformed as volunteer to project the planted tree

100 members elevated as leader and continued the tree plantation work

50 fruit tree which provided food to average of 200 to 300 birds

### Nominated& Verified By

Er.B.Sudharani  
Founder & Chairman of **AGATIAM TRUST**