

Energy from Activities of Daily Life

Devices to produce

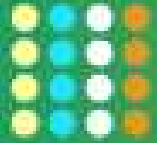
ADL Energy

Invented by

Dr. P.Parikumar &

Dr. Samuel JK Abraham

ADL Energy - The IDEAL Energy

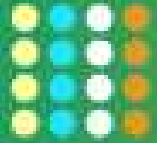


Energy from Activities of Daily Life

World Electricity Production by source

Thermal 66%
Hydro 17%
Nuclear 15%
Renewable 2%

? ADL Energy!!



Energy from Activities of Daily Life

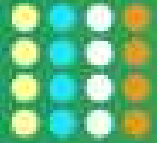
INDIAN SCENARIO

- **Power production** **131 Gw P.A**
- **Actual Need** **900 Gw P.A**

**No of steps to walk & climb stairs
of 1 Billion Indians ??**

No of cars in India that cross a speed breaker?

**No of treadmill users and total energy that
Could be generated perday?**



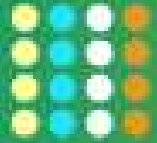
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Need of the hour

**Additional production of 70Gw
to 80 Gw of energy per year**

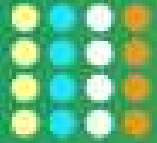
Current situation

**Only 30 Gw produced
additionally every year**



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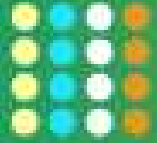
**OTHERWISE UNUTILISED ENERGY
EXPENDED DURING WALKING UP
AND DOWN STAIRS CONVERTED
TO ELECTRICITY**



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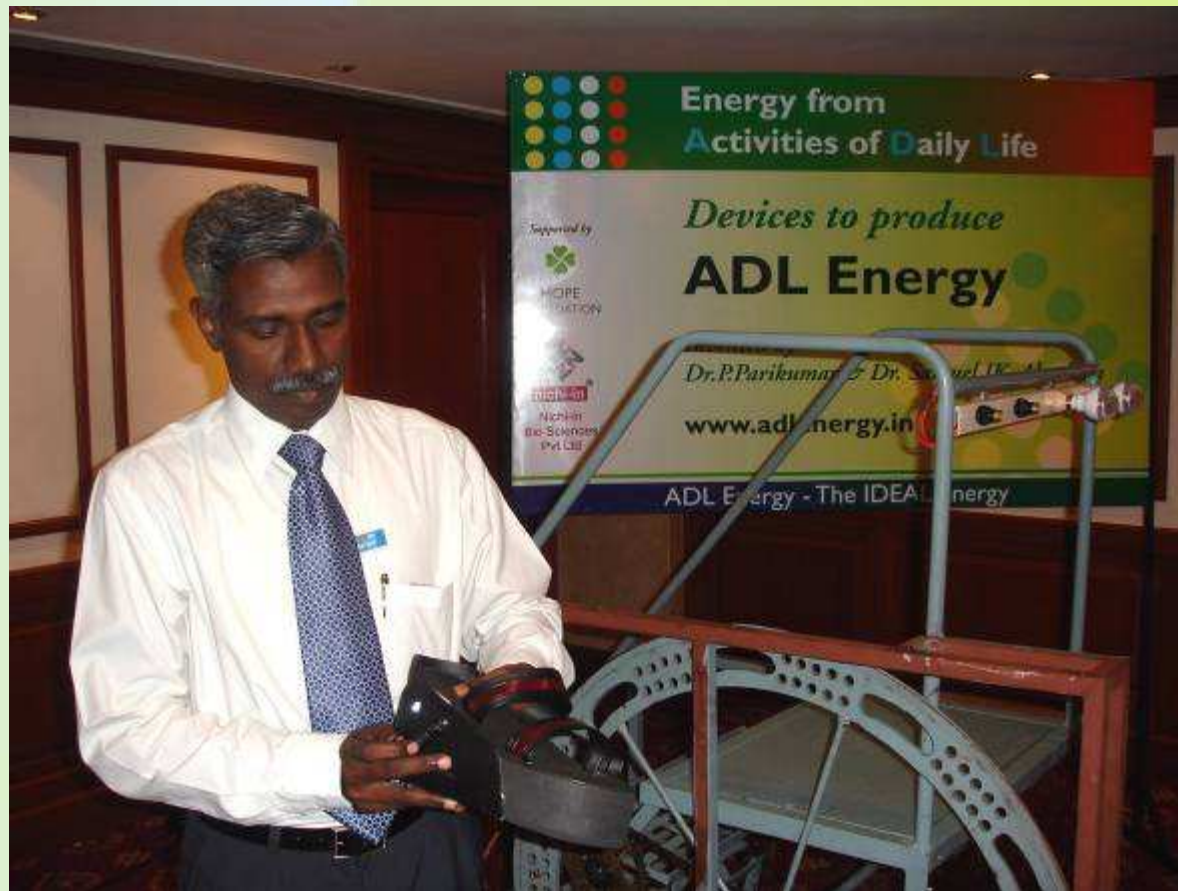
**ADL+WEIGHT(GRAVITY)=
ELECTRICITY (Power)**

- **Emission Free**
- **Eco-friendly**
- **Not depending on water or fossil fuel**
- **Otherwise ignorantly wasted**
- **Sometimes healthy too**
- **Should be economical**



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Device could be fitted into....

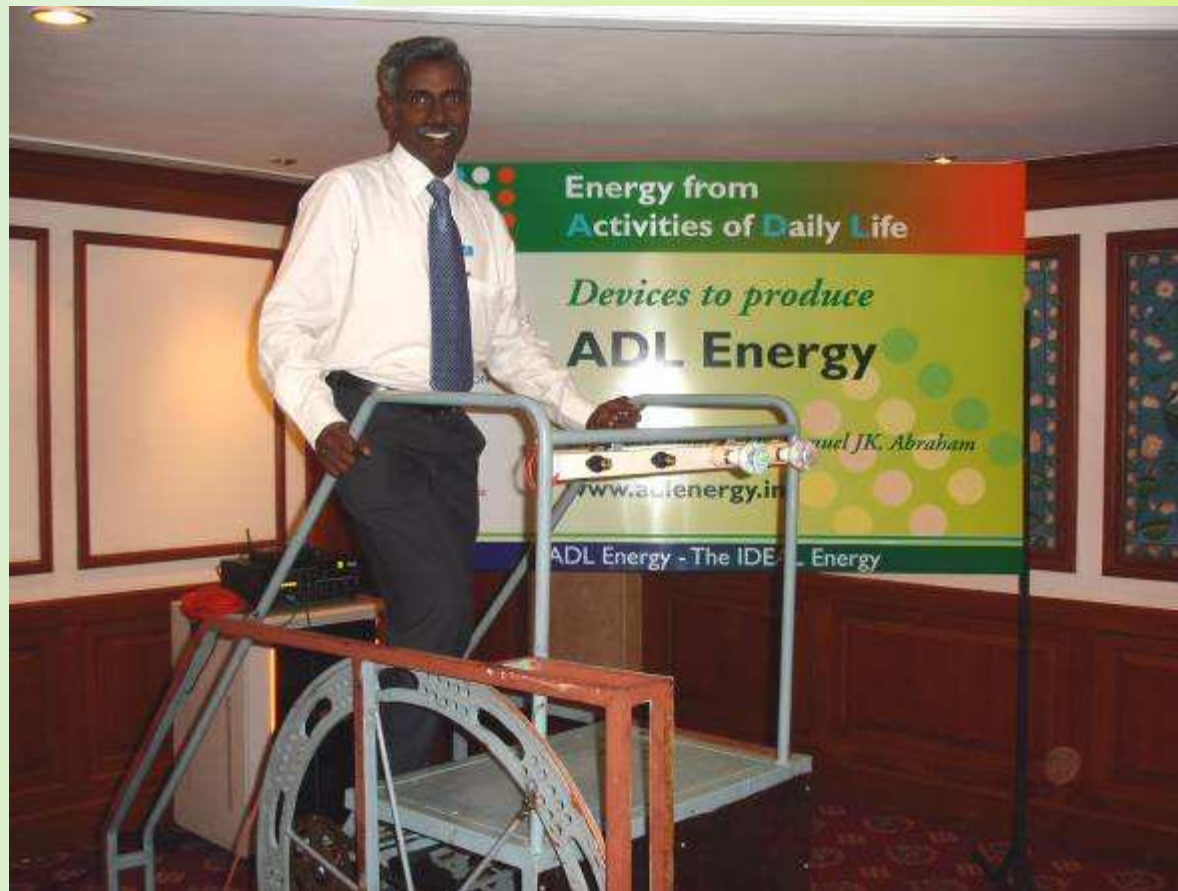


High-Heel Shoes

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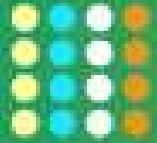
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Device could be fitted into....



Staircases

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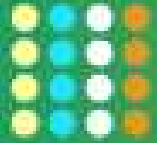
Device could be fitted into....

Speed breakers

&

Treadmill

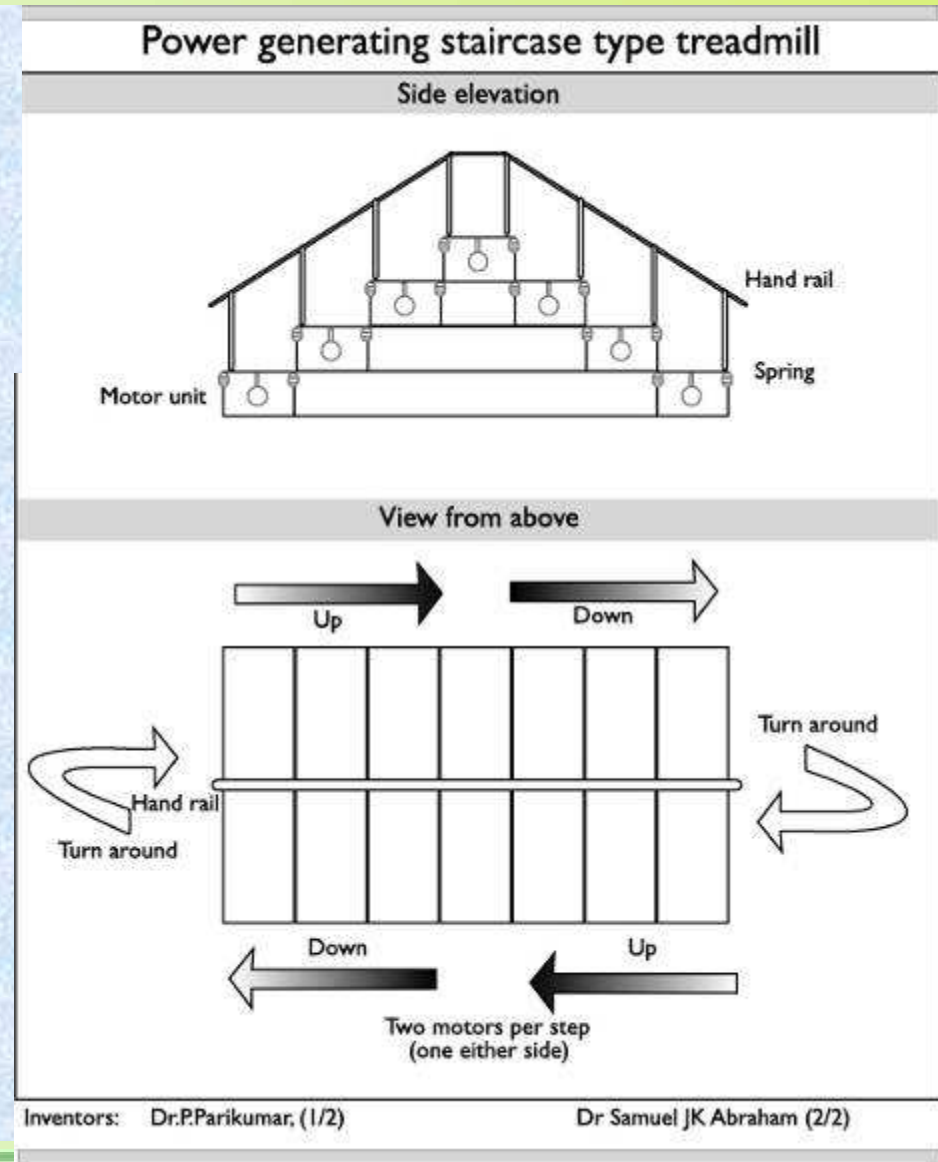
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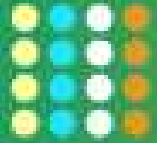
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Major personal gain

- **Get physically fit while generating electricity**
- **Contribute to country's power need**



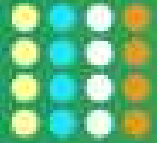
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**Power could be generated in the
above locations and stored in
batteries**

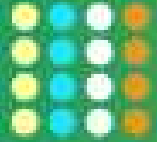
**Different sizes of the same device
could be used as per the need**



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This is aimed at supplementing existing sources of energy

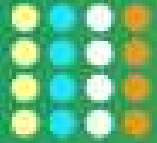
This energy generation at least partially bridges the gap between the supply and the demand



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If an initiative by the government is taken to implement this system in all public places and private places utilized by the public such as Restaurants, Theaters, Shopping malls we can produce enormous energy

The same holds good for speed breakers as well.



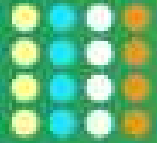
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In Chennai central station

**“ADL energy stairs”
with 4 steps**

we can get 1000 watts per system per day

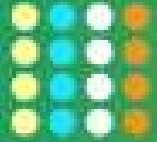
**If we have 20 it would be
20000 watts per day.**



Energy from Activities of Daily Life

We are open for takers of this invention to scale up and implement it appropriately

We thank
M/S Hope Foundation &
M/S Nichi-In Bio Sciences Pvt Ltd
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& M/S DPS power systems
for technical advise



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THANK YOU

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