



Shreekant Balwant Patwardhan

SwadhinUrja

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Educational Qualification

B.E.Electrical

Year of Passing: 1985.

Graduation completed from: Walchand College Of Engineering, Sangli.

.Career Time Trail

INSTRUMED

Medical Electronic Equipment Sales and Service.....1990

TELE-LINK

Telecom equipment Sales and Service.....1995

GANGOTREE RESOURCE DEVELOPERS PVT.LTD

BIO-DIESEL Plant Design and manufacturing.....2000

Waste to Energy Project assignment with Kirloskar Oil Engines Ltd. ,Pune

SWADHIN ENERGIA

Bio-Energy Consultancy Initiative.....2008

Forest Biomass to Energy project for ACC Cement Plant,Mandi,Himachal Pradesh

Waste disposal project for Kufri (HP)- Total Sanitation Campaign Himachal Pradesh

Comprehensive Biomedical & Bio-waste Survey in major parts of Himachal Pradesh

AKSHAY URJA

Food Waste to Biogas Plant Design Project Initiative in association with

Vivekanand Kendra Kanyakumari (VKNARDEP).....2013

Biogas Plant designs from 1 Kg/day to 1 Ton/day food waste.

SWADHIN URJA

Turn Key Biogas Plant Project Solution Provider

Turn Key Parabolic Solar Concentrator Plant Project Solution Provider

Turn Key Grid/Off Grid Solar Plant Project Solution Provider....Till date

Profile



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IPR

A triphasic biomethanation process, to convert starch or sugary agricultural feed stock into a methane rich gas mixture for facilitating generation of biogas to be used as kitchen fuels, electrical power or transportation from renewable biomass in a cost-effective manner. The process brings about conversion of starch-rich or sugar-rich biomass into methane through three stages, namely, hydrolysis, acidogenesis and methane formation.

Publication number	US7799546 B2
Publication type	Grant
Application number	US 12/065,764
PCT number	PCT/IN2006/000330

Educational Projects

- SPARK Institute was launched on 1 August 2007 with the purpose of promoting the idea of "learning through computer programming". The institute designs a variety of courses in Computer Programming. Conducted many teachers training camps in Maharashtra.

Developed text books for programming languages like 'LOGO' & SKRATCH'
both in English & Marathi.

- Project guide for engineering students from 2010