Nano Ganesh e-Irrigation
An ICT for Agri Water Pumps....empowering Global farmers !

... a reason for smile !

Ossian Agro Automation Private Limited
Pune, India
www.nanoganesh.com
Santosh Ostwal,
A strategic visionary in pioneering rural ICT innovations...!
CEO & Founder Director of Ossian Group and Nano Ganesh. A graduate in electrical & electronics engineering with 24 years experience in e-Irrigation in rural parts of India. He is an inspiration behind rural electronics & M2M initiative and recognized by so many global accolades.

Rajashree Ostwal,
A strong pillar of Nano Ganesh mission...!
Founder Director and Electronics Engineer. A dynamic woman taking care of Nano Ganesh manufacturing wing having 20 years experience in rural women training or the modern electronics tools. Her compassionate communication with villagers is a key behind success.
Mysteries of heart connection

Agriculture is the heart of the Asia’s Economy

“Water pump & irrigation” is the heart of agriculture activities

Nano Ganesh connects farmer to his heart i.e. a water pump controlled by a mobile phone
Image 1: Challenges in Rural Irrigation

- DANGER 440 Volts: Shock Hazard
- Difficult Terrain
- Scorching Heat
- Night visits to pumps
- Rains
- Wild Animals
- Labor & Fuel
- Irregular Electricity

Water pump in hazardous conditions

1 to 10 km
Soil or water tank sensors

Auto Smart option by GSM link

Monitor & Control by mobile phone

Features –
- Controlling by a mobile phone
- Auto smart for soil / tank sensors
- Data for Analytics (Optional)
- End device capacity - Up to 30 HP
- SMS alerts of pump parameters
- Robust & Simple to use
Nano Ganesh Impact – 50 K installations in India

Mr. Bhau Deshmukh
Village - Mukhai, Pune, India, Age-70 years

“IT saved USD 2 in petrol, USD 2 in operator charges per day & allowed to control water pump from my farm 3 kms away”

For one 5 H.P. water pump, Nano Ganesh saves per day,

- Water – 1000 liters
- Electricity – 3 units
- Petrol – One liter
- Time – Minimum 3 hours
- Soil Erosion – Variable
- Labor – One person per shift

With ICT.....
Now a women on irrigation ...!
& a man free for fields and mkt...!
Awards and Accolades...!

- **Tech Award**, Silicon Valley, USA, 2011
- **Katerva Finalist**, New York, USA, 2012
- **Mobile World Congress**, Barcelona, Spain, 2010
- **Forum Nokia, Calling all Innovators**, Grand winner, Spain, 2009
- **Parkhe Award**, MCCIA, Pune, 2009
- **Mr. Engineer**, The Institution of Engineers, Pune, 2009
- **GSBI Online 2012**, Santa Clara University (Sponsored by World Bank) ON till April, 2013, CA, USA
- **Villgro Wantrapreneur**, Chennai, 2009
- **M-billionth South Asia Award by DEF**, Delhi, 2012
- **Pune Pride Award**, 2012
- **FICCI-IIGP, DST Lockheed Martin**, Delhi 2011
- **FICCI - IIGP**, DST Lockheed Martin, Delhi 2011
- **Silicon Valley, USA, 2011**
- **New York, USA, 2012**
- **Asia-Pacific Nokia, Singapore, 2009**
Ossian is committed to globally automate the rural irrigation...!!!

Thanks...!