

RM Tulpule Charitable Trust

Goals and Projects

OpulentSharks Meeting

BMM 2022 BizCon

August 11, 2022

Dr. Bhal Tulpule, Trustee

RM Tulpule Charitable Trust, Pune

US Contact

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Trust Specifics

- **Public Charitable Trust Formed in 2019**
 - **Funded with Personal Assets of Dr. Justice R. D. Tulpule**
 - **80G and 12A Compliant**
 - **50 % Income Tax Credit for Doners**
- **Objective : Reduce Effects of Global Warming**
 - **Sponsor Science and Technology Projects to Minimize Use of Fossil Fuels**
 - **Support Green Harvesting of Solar, Hydrogen and Other New Energy Sources**
 - **Contribution to TIFR Endowment**
- **Web Site : <https://www.rmtulpule-charitabletrust.org/>**

TIFR Endowment Specifics

- **Endowment Fund with Chair Professorship Created Jan. 2022**
- **Fundamental Research to Address Global Warming Issues**
- **Funded with Personal Assets of Dr. Justice R. D. Tulpule**
- **<https://www.tifr.res.in/~endowment/index.htm>**

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Meeting Expectations

- **Science/ Technology Projects to Minimize Use of Fossil Fuels**
- **Areas of Interest**
 - **Materials, Catalytic Converters, Biological Systems**
 - **Sequestration of CO2 and other Pollutants**
 - **Solar Panels, Electric Vehicles, Green Hydrogen**
- **Special Consideration**
 - **Potential for Scalable Transitions, Pilot Projects**
 - **Collaborations**
 - **Sustainable Eco-Friendly Solutions**
 - **Rural Area Deployment**

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Ongoing Projects : BioGas



Project Info

- ❖ Active Since Oct. 2021
- ❖ Use of Kitchen Waste, Cow Dung
- ❖ Clean, Bug Free Container
- ❖ Output : 2 Tanks LPG/Mo
- ❖ Rs. 2000/- Saving
- ❖ Scalable to Large Farms

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Ongoing Projects : Solar Tanda Village



Project Info

- ❖ Active Since Oct 2021
- ❖ Tube Well, Pump
- ❖ Solar Panels
- ❖ Battery+ Inverter System Installed
- ❖ Grid Backup
- ❖ Water Available 4 Hrs./Day
- ❖ Avoids 4-5 Km Walk
- ❖ Scalability



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Ongoing Projects : 14 Trees



Pond water level measuring device



Rainfall monitoring at 14 Tree Vetale Site



Project Info

- ❖ May 2022 Start
- ❖ Use Barren Land
- ❖ Indigenous Trees
- ❖ 1 Acre Forest
- ❖ Cloud Based
- ❖ Online Monitoring
- ❖ IITK Alumni

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New Project : eBikes for Girls' Education

Adult-Women > 91 E-Series



The Best in Class E-Bike Engineered to perfection



e Scooter



Kishori Vikas Program

Project Info

- ❖ Initiated July 2022
- ❖ 6 eBikes, 1 eScooter
- ❖ Solar Power
- ❖ Battery Charging Station
- ❖ College Girl Guides
- ❖ 15 Km to Remote Villages
- ❖ Girl's Education, Hygiene
- ❖ Program ongoing for 6 Years

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Future Projects

- **CO2 Sequestration Pilot Project**
- **Solar Assist Borewell / Hand Pump**
- **Solar Hydroponic Farm**
- **Green Hydrogen Pilot Project**

Useful Links

- **NCL Venture Center, Pune** <https://www.youtube.com/watch?v=I9562hY3fGg>
- **National Renewable Energy Lab** <https://www.nrel.gov/news/features/2022/re-futures.html>
- **14Trees Foundation** www.14trees.org

Recommendations

- **Visit Trust Web Site for Additional Info, Questions, Projects, Ideas**
- **Ask Follow-up Questions, Call, Email**
- **Join our Projects**
- **Identify Interested Project Leaders in India**