



**Mahatma Gandhi Institute of Rural  
Energy and Development**  
Rural Development & Panchayat Raj Dept.,



**A Note on**

## NAVITANTRIKS-2019



**2 days state level Technical Exhibition and Competition for  
Engineering Colleges of Karnataka State**

9th to 10<sup>th</sup> May 2019

MGIRED, Bengaluru

**“NaviTantriks” is a pilot program organized by MGIRED to establish a platform to all Engineering college students to explore their ideas into reality.**

Sri.L.K. Atheeq, IAS, Principal Secretary (RDPR) chief guest inaugurated the program by lighting up the solar lamp accompanied by Sri.K Venkataraju, Ret. Addtl. Director ,DRDO, Bengaluru and Sri.Manoj Kumar Shukla,IFS Executive Director ,MGIRED.

On 9<sup>th</sup> and 10<sup>th</sup> May 2019 the exhibition and competition was held at MGIRED campus

About 26 different projects from Engineering colleges of Karnataka state have been shortlisted for this competition.

All teams from different engineering colleges displayed their projects in these days gave us a clue about how our future engineers are thoughtful and strong enough in making the green route for sustainable life.

All exhibited models and projects were examined by 3 industrial and institutional experts on these 2 days.

Finally deciding the best out of best was a tough challenge to the judges as future engineers were in fight to prove themselves in this competition.

Top 3 Engineering College’s projects were provided with prize money and also one special project was identified and provided with prize money for the innovation they brought out.

MGIRED appreciate all the participated students of different Engineering colleges from different parts of state to their effort in putting ideas into reality.

More than 200 visitors witnessed this event.

### **Objective of the program:**

- 1.To bring out the best knowledge acquired by engineering/Polytechnic students of different colleges/universities of Karnataka.
- 2.To showcase the best projects developed for applications in energy sector.
- 3.To adopt the best and suitable project/model in rural (energy) development programs.

### **List of prize winners in NaviTantriks-2019**

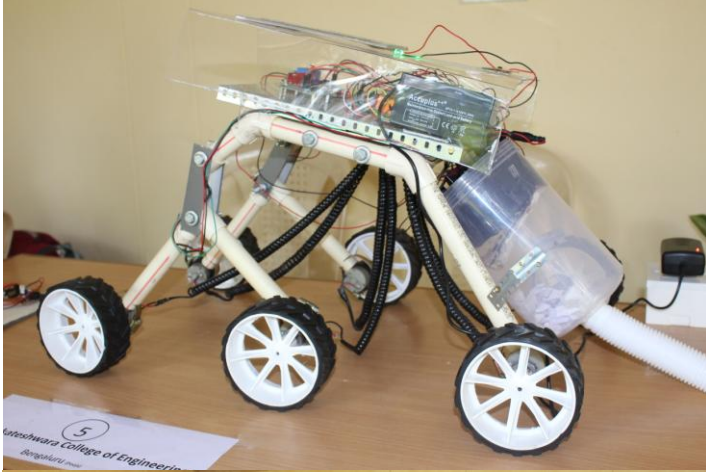
<b>Place secured</b>	<b>Engineering College</b>	<b>Project</b>
1	NITTE Meenakshi Institute of Technology Bengaluru	A novel method to increase the efficiency of Solar Water Heater
2	RV College of Engineering,Bengaluru	Power generation from sewage using bacterial cellulose and carbon nano tubes
3	Sri. Venkateswara College Engg, Vidyanagar Bengaluru	Swach Robo
Innovative Project	Sai Vidya Institute of Technology Bengaluru	Optimization of Heat and Mass Exchanger in an indirect evaporative cooling system

Sri.Sreenivasappa,GM-Technical ,KREDL was the guest of Honour for the valedictory and prize distribution session.

Judges for this program Sri.S.Shamsundar, Associate Professor (Department of Mechanical Engineering) Head, NIE-CREST,Mysuru ,Sri. K Venkataraju ,Retd.Addtl. Director, DRDO Bengaluru and Sri. Ramesh Vishwanath-Director, Sunair Power Private Limited, Bengaluru were also present during the valedictory and prize distribution session.

**Photo Gallery:**





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