



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



A Note on

NAVITANTRIKS-2018



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

April-27 to 28th 2018

MGIRED, Bengaluru

Summary:

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

It was a thought of Dr.N Nagambika Devi ,IAS, Principal Secretary, Rural Development and Panchayath Raj Department, Government of Karnataka and Sri.Manoj Kumar Shukla, IFS, Executive Director of MGIRED who brought this thought into action.

About 20 different projects from Engineering colleges and 5 different projects from Polytechnic colleges of Karnataka state have been shortlisted for this competition.

On April 27th and 28th 2018 the exhibition and competition was held at MGIRED campus.

Though it was small in number the projects which were displayed 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 and Polytechnic 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/Polytechnic colleges from different parts of state to their effort in putting ideas into reality.

About 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 Projects won the prize in NaviTantriks-2018

Place secured	Engineering College	Project
1	Yenepoya institute of technology N.H.13, Thodar, Vidyanagar, Moodabidri, Mangalore-574225	Green Agro Machine
2	Sri. Venkateswara College Engg, Vidyanagar New Airport Road, Bengaluru – 562157	Mobile Solar Aerator
3	Yenepoya institute of Technology N.H.13, Thodar, Vidyanagar, Moodabidri, Mangalore-574225	Advanced Traction system of Solar energy
Innovative Project	BMS Institute of technology, Doddaballapur main road, Avalahalli, Yalahanka, Bengaluru -560064	Solar Wind Hybrid power generation system using E-waste

Place secured	Polytechnic College	Project
1	MEI Polytechnic 4th Block, Rajajinagar, Bengaluru-560010	Load Bar Graph Indicator
2	SJBGS Polytechnic NH-48, B G Nagar Bellur Cross, Nagmangala Taluk, Mandya, - 571448	Vertical axis micro wind power generation system

Dr.N Naganagouda, Director-NTCST(KPCL) was the chief guest and Sri.Manoj Kumar Shukla, IFS Executive Director 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. G Ravikumar, Consultant, Quantum Sun, Bengaluru and Sri. Ramesh Vishwanath-Director, Sunair Power Private Limited, Bengaluru were also present during the valedictory and prize distribution session.

Photo Gallery:




