

COE Practical Renewable Energy Systems
Speed Post
Dr. G. Sharma



National Institute of Technology Rourkela, Rourkela-769008, Odisha, India
Department of Electrical Engineering
Professor Bidyadhar Subudhi, *PhD(Shffield), PDF(NUS), FIET, SMIEE*
Coordinator, Centre of Excellence on Renewable Energy Systems
Dean(Alumni Relations & Resource Generation)

Dr
1.8.14

To

21st July 2014

Sri A.U.Digraskar

Central Project Advisor

NPIU, Ed.CIL House, 4th Floor, 18-A, Sector 16-A, Noida-201301(UP)

Sub: Action Plans

July 10, 2014

No. AC/TEQIP-II/CoE/2014

Dear Sir,

With reference the above letter/email we are herewith submitting an "Action Plan" on (i) to resolve the issues & concerns raised and also on (ii) the implementation of recommendations made in the review meeting for your kind perusal.

Recommendations	Action Plan
Need to create some mechanism for field and industry oriented research	We have developed interaction with IBM and OREDA Bhubaneswar for enhancing our research activities in line with need of the industry
Need to look at impact of research for the real world with focus on industry	With help of IBM and OREDA we will try to explore opportunities for pursuing research for real-world problems
Compare algorithms, hardware developed with existing technologies	Procurement of equipments for setting up a Renewable Power Control laboratory in our Department under CoE is in progress. We have started real time implementations of algorithms on the existing set ups. We expect to implement subsequent proposed algorithms in hardware setup soon the laboratory is ready.
Need to increase inter-disciplinary teams	Faculty members of Chemical Engineering Department are now invited to participate in the Fuel cell research. Faculty members from Mechanical, Chemical and Computer Science & Engineering are now working on Institutional Photovoltaic AC system for developing a PV Air Conditioning System of our Institute Guest House

With regards

Bidyadhar Subudhi

T: 0661-2462416 (Office), 0661-2463416 (Res), E: bidyadhar@nitrkl.ac.in