

**MEMORANDUM OF UNDERSTANDING**  
*BETWEEN*

**RITWIK ENERGY SYSTEMS**  
*AND*

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET.**

***PREAMBLE***

In recent years industries and technical institutions are facing problems to maintain long-term competitive advantages due to uncertainty in market conditions and technology respectively. The changing scenario, due to privatization, globalization and liberalization of economy, is having its implications on every industry and institute in India. Of late, particularly the institutions are finding it difficult to reckon with their old teaching practices and methodologies. Now the teaching paradigms are changing very rapidly, and in the process we are trying to look for a tie-up with surrounding industries to develop practical knowledge of our department student and staff community. The industries also can use the expertise available in technical institutes. The objective of this programme is to promote the industry-institute interaction and exchanging of ideas at all levels.

The MOU is signed between RITWIK ENERGY SYSTEMS ("INDUSTRY") and Electrical and Electronics Engineering Department of ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET ("INSTITUTE") with the following macro level and micro level areas of mutual cooperation.

**INDUSTRY**

Ritwik Energy Systems Ltd. is a Biomass Based power Project in Rachagunneri village, Srikalahasti mandal in Chittoor district. The project cost is Rs.272.8 Million. The plant is 6MW Power Project operating on Non-Conventional fuels.

RESL is promoted by LANCO Group of Industries.

The project has One Condensate with uncontrolled extraction Steam Turbine of Kaluga, Russia and one Water tube Boiler of Thermax. The Company supplies power to Transmission Corporation of Andhra Pradesh Ltd., (APTRANSCO) and has entered into a power purchase agreement for 20 years.

**INSTITUTE** is situated in a lush green sprawling 30-acre campus at Rajampet situated at 90 km from Tirupati on Chennai-Mumbai train route. The college endeavors at imparting quality education in the engineering & Management fields, to all sections of the people.

Since the beginning of the college in 1998, the Department of Electrical & Electronics Engineering is playing an active role in shaping the top-notch technologists. The department has well qualified and experienced faculty with all basic equipments required for UG courses, and necessary software to meet basic research requirements. Most advanced subjects have been offered as electives to the students and also the concerned projects have been undertaken mostly in industries to promote Industry - Institute interaction. The department is going for accreditation by NBA of All India Council for Technical Education, New Delhi.

INDUSTRY and INSTITUTE strongly believe that the institute must move in parallel with the requirements of the industry, which ultimately absorbs the student community.

#### MUTUAL COOPERATION AT MACROLEVEL

INDUSTRY and INSTITUTE agree to promote mutual benefits by sharing the experience in the field of research and development (R&D) confirming that such cooperation would serve the common interest of the parties and contribute toward developing strong partnership between the parties.

INDUSTRY and INSTITUTE would endeavor to undertake studies / surveys into various themes relating to latest developments in technology, which would benefit their respective members that could ultimately develop into long-term programs.

INDUSTRY and INSTITUTE agree to exchange professional experience in training and human resource development with the objective of facilitating their respective members and providing adequate support there to.

INDUSTRY and INSTITUTE agree to exchange information and experience in mutual areas of interest in which each individual is strong in creativity, ideas and innovation.

INDUSTRY and INSTITUTE agree to encourage participation in seminars, workshops, software training, exhibitions and exposition in either place subject to any subsidiary agreement on terms and conditions to be agreed by the parties.

#### MUTUAL COOPERATION AT MICROLEVEL

1. The INSTITUTE extends laboratory facilities to the industry for testing, evaluation and calibration.
2. The INSTITUTE encourages the industry to use the hardware and software facilities in PSS laboratory.
3. The INSTITUTE can offer the services of the staff and students to deal with problems of industry in the form of mini projects, consultancy and case studies.

4. The INSTITUTE supports the research and development activities of the industry by offering the facilities of digital library.
5. The INSTITUTE can provide the facilities and training for the industry personnel in latest software for higher level and computer literacy for low-level management from out of the available facilities at the institute.
6. The INDUSTRY can offer the services of their personnel in implementing / experimenting INSTITUTE's concepts, ideas and innovations.
7. The INDUSTRY shall permit students and staff members of the institute for industrial visits and training.
8. The INDUSTRY experts are invited to conduct guest lecturers / seminars and workshops to the institute students and staff.
9. INDUSTRY and INSTITUTE participate and work together in social activities planned from either side.

This is with a hope that this pilot forms the nucleus of a long term and sustainable partnership between INDUSTRY and INSTITUTE.

The M.O.U is signed on 12<sup>th</sup> April, 2008 at

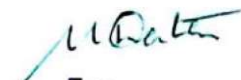
Ritwik Energy Systems, Sri Kalahasti.

Name : Sri Srinanth Bhatta

Name : Smt.M.PADMA LALITHA

Designation : plant Manager

Designation : HEAD OF DEPARTMENT

  
For

  
For

RITWIK ENERGY SYSTEMS,  
SRIKALAHASTI.

DEPT. OF ELECTRICAL & ELECTRONICS ENGG  
AITS, RAJAMPET.

