









BETWEEN

TECHNOLOGICS GLOBAL PVT. LTD.

AND

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

RAJAMPET-516126

PREAMBLE

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the two parties. The purpose of MoU is to have mutual intentions to jointly work on projects required for industries and research needs, with learned faculty of good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified below:

- Industrial Visits
- In-plant Training & special Technical Training to make the students industry-ready
- Guest Lectures
- Mini Projects and Main Project Work
- Research & Development
- Problem Solving
- Studies & Survey











- Placements
- Internships
- Establishing Advanced Labs

This agreement is made between M/s Technologics Global Pvt.Ltd, Bangalore – 560077 and Annamacharya Institute of Technology and Sciences, Rajampet-516126 on 23 May, 2016.

M/s Technologics Global Pvt.Ltd, Bangalore – 560077. (hereinafter known as "Party A"), #10, Kothanur Main Road JP Nagar 7th Phase Bangalore 560077. is the leader in BMS, Industrial Automation, Embedded System, ETAP, LabVIEW, MATLAB Solution Provider and also Asia's Leading Training Institution with the state of art Lab in Bangalore.

Department of Electrical and Electronics Engineering, Annamacharya Institute of Technology and Sciences (hereinafter known as "Party B") New Boyanapalli, Rajampet, Kadapa dist., Andhra Pradesh-516126. "Party A" and "Party B" shall collectively be known herein as "the Parties" agree to engage in academic cooperation in areas of mutual interest.

WHEREAS, "Party A" to this MOU desire to establish Internship, Research & Consultancy, Placement drive and technical education to the candidates of "Party B". Within this programme, few of listed scope which is carried out with the academic cooperation are

Paid industrial project oriented training on Advance Automation, IOT,
 Device Driver & Embedded System, LabVIEW, MATLAB, IIOT,
 Industry 4.0.











- Free internship for qualified candidates in a written test, GD & F2F from the Branch.
- Paid technical workshop on advance technologies like Automation, Mechanical Design & Modelling, MATLAB, LabVIEW, Embedded System, IOT, IIOT and Industry 4.0.
- Free seminar on advance technologies like Automation, Mechanical Design & Modelling, MATLAB, LabVIEW, Embedded System, IOT, IIOT, Industry 4.0.
- 5. Free Industrial visits to faculty, researchers and students to our Lab facilities.
- 6. Free industrial oriented academic project assistance.
- One faculty member will get free internship at Party A location if a minimum of 40 students undergo Training/Workshops.
- 8. Research & Consultancy work would be purely based on demand and requirement of **Party B.**

With respect to the above, independent and detailed agreements will be drawn up and agreed between two "Parties".

Duration of Training:

2-3 days or 1 week workshop on campus.

10 or 15 days Training / Internship Program.

1 week, 10 days, 15 days, 1 month, 2 month or 3 month industrial oriented training off campus at "PARTY A" location.











This Memorandum of Understanding is to be valid for a period of five years from the date of signature. In the event of either party wishing to change or terminate the agreement, Prior notice in writing must be given one month in advance of the proposed date change of termination.

The "Party A" is represented by Mr Ummer Shanan, Director and the "Party B" is represented by Dr.M.Padma Lalitha, Head of the EEE Department.

For the purpose of this document the legal representatives of the aforesaid parties are Dr.M. Padma Lalitha, and Mr. Ummer Shanan, Director for M/s Technologics Global Pvt. Ltd.

Signed

Dr. M. Padma Lalitha, or the Electronics of Technology 236

Head of the EEE Departmentyo Institute of Technology 236

Annamacharya Institutomoch analli. Rolombet Side 136 Dr. M. Padma Lalitha, or the Electronics Engineer follows and Sciences

Annamacharya Institute of Fechnology and Sciences

Rajampet, Kadapa dist, A.P-516126

Signed

Mr. Ummer Shanan,

Director,

M/s Technologics Global P

Witness: 1) P. Bhaskara Prasad Broker 2) M. Sxeersamula Reddy (Pry) 3) M. Pala Prarad Reddy (Pry)



H.No: 3-6-35/14, Plot No: 454, Vivekananda Nagar, Kukatpally, Hyderabad-72

Ph: 040-2306 1004, www.siriussolarenergy.com

CIN: U40106AP2010PTC071602

MEMORANDUM OF UNDERSTANDING

BETWEEN

SIRIUS SOLAR ENERGY SYSTEMS PVT LTD, HYDERABAD

AND

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET-516 126

PREAMBLE

The objective of this programme is to promote the industry – institute interaction and exchanging of ideas at all levels. In recent years manufacturing 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 teacting 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 MoU is signed between <u>SIRIUS SOLAR ENERGY SYSTEMS PVT LTD</u> and ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT OF <u>ANNAMACHARYA INSTITUTE</u> <u>OF TECHNOLOGY AND SCIENCES</u> with the following macrolevel and microlevel areas of mutual cooperation.









Sirius Solar Energy Systems Private Limited

INDUSTRY

BRIEF PROFILE OF SIRIUS SOLAR ENERGY SYSTEMS PVT LTD

Year of Establishment: 2010

Product

: Solar PV Modules, Solar LED Lighting Systems

Manpower

: 54

Turn over

: ₹ 33 Crores

Production capacity per year: 40MW

INSTITUTE is situated in a lush green sprawling 30-acre campus at Rajampet situated at 90 km from Tirupathi 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 and 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 and PG courses and necessary software to meet basic research requirements. Most advanced subjects such have been offered as electives to the students and also the concerned projects have been undertaken mostly in industries to promote industry – Institute interaction.

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 material 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.

The main aim is to spread proficiency in information and technology, and also provide an INDUSTRY experience and discipline among the students of INSTITUTE.

MUTUAL COOPERATION AT MICROLEVEL

- The INSTITUTE extends laboratory facilities to the industry for testing, evaluation and calibration.
- The INSTITUTE encourages the industry to use the hardware and software facilities in Power Electronics, Control systems and Micro processor & Micro controller laboratory.
- 3) The INSTITUTE can offer the services of the staff and students to deal with the problems of industry in the form of consultancy, project works and case studies.
- 4) The INSTITUTE supports the Research and Development (R&D) 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 their quality concepts, ideas and innovations.
- 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 lectures / seminars and workshops to the institute students and staff.

 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 this **01** Day of **December 2015** at ANNAMACHARYA iNSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET-516 126, YSR Kadapa District, A.P.

Name: M.Hemanth Kumar

Designation: Manager

For

SIRIUS SOLAR ENERGY SYSTEMS PVT LTD,

HYDERABAD

Name: Dr.M.Padma lalitha

Designation: Professor

For

ELECTRICAL AND ELECTRONICS ENGG.

DEPARTMENT

BETWEEN

SHIRIDI SAI ELECTRICALS

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 SHIRIDI SAI ELECTRICALS ("INDUSTRY") and Electrical and Electronics department of ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET ("INSTITUTE") with the following macro level and micro level areas of mutual cooperation.

INDUSTRY

M/s. Shiridi Sai Electricals is a leading company that manufactures and supplies power and distribution transformers. It was established in the year 1996 in kadapa.

The company also undertakes the Government projects like H.V.D.S works, construction and installation of substations, Turnkey projects. The company got ISO 9001:2000 certifications in manufacturing, errection and commissioning and execution of Turnkey projects.

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.

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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.

INDUSTY 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.

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MUTUAL COOPERATION AT MICROLEVEL:

- 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.

- 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.
- The INSTITUTE supports the research and development activities of the industry by offering the facilities of digital library.
- 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.
- The INDUSTRY can offer the services of their personnel in implementing / experimenting their quality 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 HAMPA - AUGUST, SOCI at SHIRIDI SAI ELECTRICALS, KADAPA - 516001, KADAPA (Dist), A.P.

Name: C. Redoly Pshoukow

Name: M. Padma Lalitha

Designation: Managing parotener

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Designation: HOD, EEC

For

CHIRIDI SALELECTRICALS

For

DEPT. OF ELECTRICAL & ELECTRONICS ENGG.

KADAPA.

AITS, RAJAMPET.

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 <u>RITWIK ENERGY SYSTEMS ("INDUSTRY")</u> and Electrical and Electronics Engineering Department of <u>ANNAMACHARYA INSTITUTE</u> <u>OF TECHNOLOGY AND SCIENCES</u>, <u>RAJAMPET ("INSTITUTE")</u> 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.

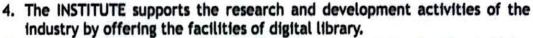
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INDUSTRY and INSTITUTE agree to encourage participation in seminars, workshops, software training, exhibitions and exposition in either place subject to any subsidiary agreement on terms and conditions to be agreed by the parties.

MUTUAL COOPERATION AT MICROLEVEL

- 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.
- 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.



5. The INSTITUTE can provide the facilities and training for the industry personnel in latest software for higher level and computer literacy for lowlevel 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 12th April 2008 at

Rituin Energy System, Sh Kalabasti.

Name: Sri Sylvanth Bhatta Name

: Smt.M.PADMA LALITHA

Hallther

Designation: plant Manager Designation: HEAD OF DEPARTMENT

11 Date

RITWIK ENERGY SYSTEMS.

SRIKALAHASTI.

DEPT. OF ELECTRICAL & ELECTRONICS ENGG

AITS, RAJAMPET.



BETWEEN

NARAYANADRI STEELS PRIVATE LIMITED

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 staff and students. 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 <u>NARAYANADRI STEELS PRIVATE LIMITED</u> ("INDUSTRY") and Electrical and Electronics department of <u>ANNAMACHARYA INSTITUTE</u> OF TECHNOLOGY AND SCIENCES, RAJAMPET ("INSTITUTE") with the following macro level and micro level areas of mutual cooperation.

INDUSTRY

Narayanadri steels Pvt. Ltd. was established in the year 2005 at a distance of 4 KM from Rajampet town. This plant produces mild steel ingot by using Iron scrap, Sponge Iron and Pig Iron.

The plant is equipped with two Induction furnaces for melting the raw materials. This plant is a prime vendor for many re-rolling mills which manufacture ms rods, ms angles and squares of different sections.

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.

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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

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- 2. The INSTITUTE encourages the industry to use the hardware and software facilities in PSS laboratory.
- 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.
- 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.
- The INDUSTRY can offer the services of their personnel in implementing / experimenting their quality concepts, ideas and innovations.
- The INDUSTRY shall permit students and staff members of the institute for industrial visits and training.
- The INDUSTRY experts are invited to conduct guest lecturers / seminars and workshops to the institute students and staff.
- 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 & March 9009 at Narayanadri Steels Pvt. Ltd., Rajampet, Kadapa (Dist), A.P.

Name: Sri A.V.SUBBA REDDY

Designation : Authorized Signatory

Name: Smt M.PADMA LALITHA

Designation: Head of the Department

FOR

Narayanadri Steels Pvt. Ltd.

RAJAMPET

FOR

DEPT. OF ELECTRICAL & ELECTRONICS ENGG,

AITS, RAJAMPET.