

To
The Principal
Vaagdevi College of Engineering -Warangal
Bollikunta.

Date: 18-07-2019.

(Through Dean, IIC)

Subject: Request for permission to establish e-Yantra Lab Setup Initiative (eLSI),
in association with IIT Bombay under MHRD-NMEICT mission.

Respected Sir,

In glad to inform you that, based on my series of efforts, I received an acceptance from Prof. Kavi Arya Principal Investigator, eYantra, IIT Bombay to establish e-Yantra project in our campus for facilitating setting up of Robotics lab with the goal of spreading Embedded systems and Robotics education to CSE/ECE/EEE/Mechanical students.

This project works under CSE-IIT Bombay which sponsored by MHRD through National Mission on Education through ICT (NMEICT). **e-Yantra Lab Setup Initiative (eLSI)** supports infrastructure creation at colleges by providing a platform for inducting teachers in Project-Based Learning or "Learning by doing". Faculty trained in theory and applications of Embedded systems and Robotics.

Benefits: e-Yantra is to empower teachers and students and to create a culture of innovation and entrepreneurship in a college through e-Yantra initiatives. Helping to set up the infrastructure and provide training. Identify resources in industry and alumni to help realize these goals in colleges hosting labs.

Outcomes: Better Final year projects in the area of Embedded Systems and Robotics. Access to a vast resource of open source projects and tutorials. Sustainability of the established lab through participation in the e-Yantra Ideas Competition (eYIC). Better prospects for a college to gain visibility and attract local industries for internships and placements.

College Role:

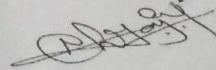
1. Interest to invest in creating infrastructure – a Robotics lab where students have an opportunity to explore interdisciplinary skills and to prepare them for either industry or startups.
2. Encourage a team of 4 faculties to be trained by e-Yantra.
3. Two Lakhs fund to equip a basic Robotics lab (in addition to space and other infrastructure for a lab)

Based on CSE & ECE HODs recommendation, a team of faculty identified to move this mission immediately. So please sanction an amount of 2,25,000/- Two Lakhs twenty-five thousand rupees for e-Yantra Robotics Lab setup, visiting's, meetings and other expenses.

For your kind approval.

Enclosed: Application Form and Brochure.

Sincerely,



Mr. CH. RAJU
Coordinator
Industry Institute Integration Cell
M: 9553503231

*As per
For your
Approval
Rajesh*

*Recommend setting up
the Robotics Lab under
eLSI for approval please.
Rajesh*

*Approved
28/7/19*

ajj

*Recommended for ECE
Dr. Hemant Guptha
M. Ranjith
A. Suresh*

*Helpful to CSE
students & stay
Rajesh*

To
Principal Investigator
e-Yantra project
IIT Bombay

Date: 18-07-2019.

Subject: Expressing intent to participate in e-Yantra Lab Setup Initiative (eLSI)

Dear Sir/Madam,

We understand that the MHRD funded e-Yantra project is facilitating setting up of Robotics labs at engineering colleges with the goal of spreading Embedded systems and Robotics education.

In order to achieve the desired impact, e-Yantra would provide necessary support in the following manner:

1. Conducting workshops for a team of 4 teachers identified by us
2. Training the team of teachers through hands-on experiments in a step-by-step manner through Task-Based Training (TBT)
3. Providing support and advice to set up a robotics lab such that by the time the teachers are trained, a robotics lab is set up at our college

On our part, we express our intent to participate in this nation-building effort by committing the following resources:

1. Team of teachers:

Team leader:

E-mail id of Team-leader

Contact Number of Team-leader

Dr. Hemnath Gupta (ECE) M: 07976501516

Dr.M.SukeshA - (CSE)

sukeshcse@gmail.com

09550877018

Sukesh

Team members:

Dr.V.Murali Krishna - (CSE)

Mr.M.Ranjith - (ECE)

Mr.A.Satish - (ECE)

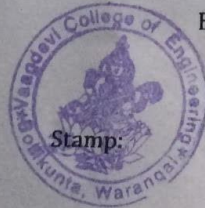
2. Funds to set-up a Robotics lab:.....**YES**.....Rs. Two LAKHS
3. Creating a Robotics club for students to experiment with the robots

Sincerely,

CH Raju
Mr.CH.Raju
Coordinator
Industry Institute Integration Cell
E-mail: raju_ch@vaagdevi.edu.in
M: 0 9553503231

Prakash

Prakash
Name: Dr.K.Prakash
Designation: Principal
Phone: 77990 86969
E-mail: principal@vaagdevi.edu.in





Date: 29th August 2018

Memorandum of Understanding

Texas Instruments Innovation Center (A partner of Texas Instruments India University Program)

1. Introduction

India has become a promising investment destination for foreign companies looking to do business here. Our Honorable Prime Minister of India Shri Narendra Modi has launched the '*Make in India*' initiative with the aim to give the Indian economy global recognition. This initiative is expected to spur development, economical growth and thereby improving the living standard of Indian Citizen.

Engineering education has to play very important role in providing huge pool of skilled and knowledgeable, and industry ready engineers. The future success of Indian industry depends on the growth of quality engineering education in India, especially since Indian industry is competing globally in areas such as software and hardware electronics, automobiles, pharmaceutical, chemicals, engineering equipment etc. In India, the brightest students opt for engineering after the 12th standard. This has resulted in a spurt of engineering colleges. However, the reality is that only a very small percentage of these students are readily employable (@25% or less as per the survey by Nasscom) and most lack industry specific skills. In order to bridge this gap between the academia and the industry and to ensure ready deployment in regular work streams, structured industry specific training is necessary.

2. Brief Introduction about Vaagdevi College of Engineering, Warangal

Vaagdevi College of Engineering is established in the year 1998 and sponsored by in the Viswambhara Educational Society (Estd. In the year 1993) of Warangal established by philanthropists and elite people, with a view to impart technical education to, students, of rural background. Since its commencement of Vaagdevi College of Engineering has produced more than 15000 graduates who are technically sound in their fields and thus enjoy the enviable reputation among the reputed institutions. The institution has been constantly growing in every aspect including infrastructure, placements and strength of students. The campus is located in a sprawling area of 25 acres land with picturesque surroundings prevailing serene and calm atmosphere. It is situated on the Khammam highway about 10 km from Warangal railway station. Today Vaagdevi College of Engineering is known for its academic excellence with well planned classrooms, well-equipped laboratories, seminar halls and an auditorium with 600 seating capacity and built-in audio-visual aids and good sport facilities along with gymnasium. The college has a huge collection of books and also subscribes various national and international journals. A state-of-art digital library has been established in order to provide access to NPTEL video lectures, several e-books and e-journals. The campus is Wi-Fi enabled and excellent infrastructure, and well designed buildings with aesthetic beauty.

It gives us immense pleasure to share our happiness that our college has been granted First Autonomous Engineering College status in Warangal by UGC, New Delhi for the period of six years from 2014-2015 to 2019-2020. Accredited by NBA, ISO 9001: 2008 certified institution and also applying for NAAC accreditation.

We have large number of doctoral faculty and senior faculty members from reputed institutions like IIT and NITs, nearly 52 faculty members are pursuing their Ph.D.

3. Brief Introduction about EdGate Technologies Private limited

EdGate Technologies Private Limited are Texas Instruments India University Program Partners. EdGate has an extensive presence all over the country and well established connectivity within the

academic and corporate communities. Our aim is to reach out to the Corporate, educators and the engineering student community to help them achieve more in their research and their learning initiatives.

Services offered to Universities under Texas Instruments India University Program

- Presales Guidelines
- Sales and Continuous Post Sales support
- Installation and Training
- Train the Trainer Program (Customized)
- Seminar/Workshop (Customized)
- Faculty Development programs (Customized).

EdGate has setup Texas Instruments Labs in various Engineering colleges across India .EdGate has signed 150 + MOU's and 25 TIIC's with Engineering colleges under Texas Instruments University Program

EdGate Technologies provide a whole range of services by leveraging its business expertise by strategic alliances with leading technology providers & are Sole authorized distributors of following Partners

- Mango Communication, USA : Mango has its roots in the Rice University Wireless Open-Access Research Platform (WARP) project, originally an NSF-funded research project that has grown into a self-sustaining open-source wireless research platform.
- SoftDB, Canada (Texas Instruments – Third party developer)
- Technosoftmotion, Switzerland (Texas Instruments – Third party developer)
- Next Dimension Technology, Korea (Texas Instruments – Third party developer)
- Rowley Associates, United Kingdom
- Embest Technology Co Ltd, China (Texas Instruments – Third party developer)
- Zeeis, China (Texas Instruments – Third party developer)
- Link Research, USA (Texas Instruments – Third party developer)

Texas Instruments University Program

The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow. Our advanced analog and embedded processing technologies fuel the passions of students and educators in university labs worldwide. Established in 1982, the TI University Program is a global program dedicated to supporting educators, researchers and students in facilitating the inclusion of TI analog and embedded processing in engineering classrooms,

teaching and research labs, textbooks, design projects and course curriculum. By building relationships with educators, TI works to bridge the gap between the business and academic world. Incorporating TI technology into curriculum provides educators with the ability to teach real world concepts and complement this with a unique hands-on learning experience utilizing TI tools, making it more exciting, relevant and valuable to the student. Working with TI increases the knowledge base of future engineers so they interact with industry-standard technology before they graduate. TI helps develop the skills needed to tackle tomorrow's most challenging problems. By providing students access to the largest and most advanced analog and embedded processing portfolio, the TI University Program provides the tools necessary to inspire innovation and take engineering concepts from the book to the breadboard.

1. **Contribution and Expectation of EdGate Technologies under Texas Instruments India University Program**

As on-ground deliverables, EdGate Technologies will provide the following:

- a) **Curriculum:** EdGate will provide the Curriculum for Texas Instruments Labs .College Name should find ways to incorporate curriculum in their syllabus.
- b) **Lab Setup:** The College will set up a lab which will be entitled "Texas Instruments Innovation Lab" at its premises.
- c) **Faculty Development Program:** College Name will organize at least one faculty development program in its premise for its faculty members and faculty members of other Indian engineering institutions to teach TI Platform. The College will provide the infrastructure facility for conducting the faculty development program. **EdGate Technologies Pvt Limited** will help the college in conducting this program.
- d) **Workshops/Events:** If the College wishes to organize a national event in the area of TI Platform, **EdGate Technologies Pvt limited** will provide speakers.
- e) **Training Programs:** **EdGate Technologies Pvt Limited** will assist the college in organizing training programs/tutorials on topics related to TI Platform. Faculty members from the college who have undergone train-the-trainer program and who are certified by **EdGate Technologies Pvt Limited** as trainers may run certified training programs. College Name will provide certificates for the participants of such programs. **(Valid for 1 year only)**
- f) **TI Lab Engagement Program:** **EdGate Technologies Pvt. Limited** will help the **K. Ramakrishnan College of Technology, Trichy** to get engaged into the **TI Innovation Center Labs** under this program over a period of 3 months at three different levels i.e., Basic, Intermediate and Advanced.
- g) **Under TI Lab Engagement Program,** College Name in association with **EdGate Technology Pvt. Limited**, may organized and conduct Summer/Winter Training Program for the students from all the nearby engineering institutes along with students from their college by charging moderate fees. **EdGate Technologies** will provide experts for such program on subsidies charges. **EdGate** will certify those students.

2 **Contribution from Vaagdevi College of Engineering, Warangal**

Faculty Mentor: Qualified Faculty of Electronics & Communication Engineering, Instrumentation & Control Engineering, Biomedical Instrumentation, Computer Engineering, and Information Technology (preferably with programming knowledge on C; C++) will be made point of contacts and will mentor interested students.

Vaagdevi College of Engineering, Warangal should set up lab based on below:

| Sr. No. | Item | Quantity | Approximate Cost |
|---------|--|---------------|-------------------|
| | Cost of Texas Instruments Innovation Center: Below items will be delivered | Below Package | 3.75 LAKHS |
| 1. | ROBOTICS ADVANCE CONTROL AND IOT | | |
| A | Robotics System Lab Kit | 8 | |
| B | Senzband with Mind Sync and Memorie App | 2 | |
| C | RSLK compatible sensors and Bluetooth Module | 2 Set | |
| a | PIR sensor | | |
| b | HM-10 Bluetooth module | | |
| C | ultrasonic sensor | | |
| D | Servo motor | | |
| E | moisture sensor | | |
| F | Buzzer | | |
| G | Dedicated Edgate Apps for RSLK | | |
| 2. | Analog Attach MCU Labs (ARM)/Embedded Lab: A secondary Element that attached to Micro controller Lab | | |
| A | ASLK Pro | 1 | |
| B | Analog in A Box | 2 | |
| C | CC110L Booster pack | 2 | |
| D | TIVA TM4C123G Launchpad | 10 | |
| E | Sensor Hub Booster Pack | 2 | |
| 3. | Connectivity Attach Lab (Ultra Low Power Lab/Internet of Things Lab (IOT)) : A secondary Element that attached to Micro controller Lab Or stand alone solution focusing on connectivity | | |
| A | Ez430RF-2500 MSP430 Wireless Development Tools | 2 | |
| B | C2650 Bluetooth Booster pack | 2 | |

| | | | |
|--|--|---|--|
| C | SimpleLink Wi-Fi CC3100 Booster Pack | 2 | |
| D | CC3220SF- WiFi Launch Pad | 2 | |
| E | msp432p401R Launch Pad | 3 | |
| F | MSP430F5529 USB Launchpad Evaluation Kit | 5 | |
| G | Sensors: Sound Sensor 3-Axis Accelerometer Ultrasonic Sensor Electret Microphone Water Sensor Temperature Sensor Light Sensor | 1 Each | |
| 4 | Training for Faculty(Advance Robotic Control and IOT) | 3 Days | |
| 5 | Training to students(IOT Training) : Registration Material to all participants (Pens, Pads, Folders)- Internet facility is must for workshop, Certificate to all participating students | 50- students/ 20 – faculty (3 Days for students) | |
| 6 | TI Lab Poster and TI Lab Signage(Branding Material) | 1 Set | |
| Terms and Conditions : | | | |
| 1. Payment: 100% Payment in advance 2. Warranty: 1 Year 3. Validity: TIIC Agreement is perpetual and Training agreement is valid for one year only 4. Taxes: GST @18% | | | |

- a) Center: Institute will identify and maintain Texas Instruments Innovation Center with at least 10 desktops / laptops on latest home/ office configuration.
- b) Peripheral components: Institute will make arrangement for other equipment required for setting up the lab and for the maintenance of the lab.
- c) Financial: Institute will operate the center with the help of existing staff.

Vaagdevi College of Engineering, Warangal – Texas Instruments Innovation Center (TIIC)

EdGate Technologies aimed at establishing a collaborative bridge between companies and colleges with the objective of making students in the Engineering Colleges and Schools have a greater hands on experience in technologies related to :-

- a. Embedded systems
- b. Ultra Low Power Applications
- c. Analog System Design
- d. Internet of Things (IOT)
- e. Robotic lab

These programs would go a long way to get the students hands on project experience in state of the art Micro-controller boards which are being developed by Texas Instruments. The experience will include hands on software and hardware skills which are highly desired by industry. These projects will provide an experiential appreciation of the latest technologies giving the students significant edge across multiple dimensions like, knowledge, enhanced employability, project experience, etc.

Vaagdevi College of Engineering, Warangal – TIIC will bring in the following core values:-

Colleges:

- Analog System Design Lab using ASLK PRO
- Ultra Low power Microcontroller Lab
- Internet of Things technology is based on the traditional Internet technology, development and extension, due to its extremely wide range of applications, involving almost all walks of life, and therefore in order to meet the needs of industry professionals, a growing number of colleges and universities applied for Internet of Things engineering professional, in teaching programs arranged in Internet of Things technology courses.
- Strong Branding and ability to attract better quality students
- Better ranking amongst the competition

Students:

- Exposure to state of the art technologies through hands on learning experience
- Better employability opportunities
- Showcase talent and innovation
- Participating in Texas Instruments Innovation Challenge.(If Texas Instruments conducts any contest centre will be connected with the same)

Vision forward

Texas Instruments hopes that once these Innovation centres are in place and running, If Texas Instruments conducts any contest centre will be connected with the same.

Restrictions and Obligations Governing the Use of Confidential Information and Materials

- a) Recipient shall not disclose any Confidential Information/Confidential Material, to third parties without the prior written authorization of the Company. Notwithstanding the foregoing, the Recipient shall not at any time disclose to any third party any Confidential Information/Confidential Material or any Confidential Information of any other party to whom the Company owes an obligation. However, the Recipient may disclose Confidential Information in accordance with judicial or other governmental orders, provided the Recipient shall give the Company reasonable notice, prior to such disclosure and shall comply with any applicable protective order or equivalent.
- b) The Recipient shall not use any Confidential Information or Confidential Materials of the Company for any purposes except those expressly contemplated hereby or as authorized by the Company.
- c) The Recipient shall take reasonable security precautions, which shall in any event be as great as the precautions it takes to protect its own confidential information, to keep secure the Confidential Information.

- d) Recipient agrees to segregate all such Confidential Materials from the confidential materials of others to prevent co-mingling.

Rights and Remedies

- a) Recipient shall notify the Company immediately upon discovery of any unauthorized use or disclosure of Confidential Information or Confidential Materials, or any other breach of this Agreement by Recipient, and will cooperate with the Company in every reasonable way to help the Company regain possession of the Confidential Information and/or Confidential Materials and prevent further unauthorized use or disclosure.

For Vaagdevi College of Engineering, Warangal



Principal.

For EdGate Technologies Pvt Limited

Director.





Viswambhara Educational Society

VAAGDEVI COLLEGE OF ENGINEERING

UGC Autonomous

Accredited by NBA, Approved by AICTE & Permanent Affiliation to JNTUH

Bollikunta, Warangal - 506 005 (Telangana State)

MEMORANDUM OF UNDERSTANDING

BETWEEN

MSME Tool Room Hyderabad (CENTRAL INSTITUTE OF TOOL DESIGN)

A Government of India Society Ministry of MSME, Balanagar, HYDERABAD.

AND

VAAGDEVI COLLEGE OF ENGINEERING - WARANGAL.

Date: 16-09-2017.

This Memorandum of Understanding (MoU) is entered between Central Institute of Tool Design, Balanagar, Hyderabad, represented by its undersigned of the ONE PART;

And **VAAGDEVI COLLEGE OF ENGINEERING - WARANGAL**, represented by undersigned of the OTHER PART;

Whereas Central Institute of Tool Design, Balanagar, Hyderabad **Vaagdevi College of Engineering, Warangal**, shall be hereinafter jointly referred to as the "Parties" and singularly as a "party".

The Parties have decided to agree to establish industry-academic collaboration in the areas of mutual interest and in accordance with terms and conditions set forth in this Memorandum of Understanding (MoU), **MSME Tool Room Hyderabad (CENTRAL INSTITUTE OF TOOL DESIGN) Balanagar, Hyderabad** and **Vaagdevi College of Engineering, Warangal**, agree on following activities:

1. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will provide certification courses at a concessional price of 10% to the students **Vaagdevi College of Engineering, Warangal**. To cater this, both the parties would mutually design the course and agree for the code of conduct. The number of students, who can be considered for such courses, would be as mutually decided by both the parties.
2. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will provide short term training at a concessional price of 10% to the students **Vaagdevi College of Engineering, Warangal**. To cater this, both the parties would mutually design the course and agree for the code of conduct. The number of students, who can be considered for such trainings, would be as mutually decided by both the parties.

Page 1 of 6

3. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will offer in plant training at a concessional price of 10% to the students of **Vaagdevi College of Engineering, Warangal**. To cater this, both the parties would schedule the training calendar and agree for the code of conduct from time to time. The number of students who can be considered for such trainings, would be as mutually decided by both the parties.
4. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will offer in house projects to the final year students of **Vaagdevi College of Engineering, Warangal**. To cater this, both the parties would mutually monitor the student progress and report to each other from time to time. Detail modalities including financials would be mutually worked out for each project. The number of students, who can be considered for such projects, would be as mutually decided by both the parties.
5. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will offer internships to the students of **Vaagdevi College of Engineering, Warangal**. To cater this, both the parties would mutually monitor the student progress and report to each other from time to time. The number of students, who can be considered would be as mutually decided by both the parties.
6. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad Hyderabad** will assist in placement of eligible students of **Vaagdevi College of Engineering, Warangal**, who are benefitted at **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**.
7. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will give full time access to the laboratories and library to the students of **Vaagdevi College of Engineering, Warangal**, during their respective course of study at **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**.
8. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will give Hostel accommodation at its campus to the students of **Vaagdevi College of Engineering, Warangal**, during their respective course of study at **MSME Tool Room Hyderabad**

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- (CITD), Balanagar, Hyderabad. The number of students who can be provided accommodation would be subjected to the availability of rooms.
9. **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** will permit student visits for each of the class of **Vaagdevi College of Engineering, Warangal**. To achieve this, both the parties would schedule the calendar of visits and agree on the code of conduct. The number of students who can be considered for such visits, would be as mutually decided by both the parties every year.
 10. **Vaagdevi College of Engineering, Warangal**, will give preference to the staff of **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, in admission into post graduate programs being offered in its various departments at **Vaagdevi College of Engineering, Warangal**, for their qualification upgradation. However this admission process will be as per the guidelines of the University and Government.
 11. **Vaagdevi College of Engineering, Warangal**, will give preference to the Diploma Holders from **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, in admission into Lateral Entry of B.Tech programs at **Vaagdevi College of Engineering, Warangal**. However this admission process will be as per the guidelines of the University and Government.
 12. **Vaagdevi College of Engineering, Warangal**, will give placement assistance to the Diploma Holders from **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, as laboratory technicians subject to vacancy at **Vaagdevi College of Engineering, Warangal**.
 13. **Vaagdevi College of Engineering, Warangal**, will give computer laboratories with at least 500 terminals to **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, for any of its training programs or conduct of online examinations. To achieve this, both the parties would decide on the date depending upon the need.

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14. **Vaagdevi College of Engineering, Warangal**, will give access to indoor and outdoor sports and games for the purpose of conducting sports meet/ competitions to the students/ staff of **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**. To achieve this, both the parties would mutually decide the dates of the event and coordinate accordingly.
15. **Vaagdevi College of Engineering, Warangal**, will permit **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** to hold official/ social gatherings of its student/staff in the capacities of 10/50/100/500/1000 in its conference/meeting room/ seminar hall/ auditorium etc. at **Vaagdevi College of Engineering, Warangal**. To achieve this, both the parties would mutually decide the dates of the event and coordinate accordingly.
16. **Vaagdevi College of Engineering, Warangal**, will provide the Coauthor status to the staff of **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, in paper publications in case of joint R&D.
17. **Vaagdevi College of Engineering, Warangal**, will invite **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, to all kinds of related technical activities being conducted at **Vaagdevi College of Engineering, Warangal**.
18. **Vaagdevi College of Engineering, Warangal**, will publish the notifications/ trainings calendar of **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, in its quarterly newsletter.
19. **Vaagdevi College of Engineering, Warangal**, will publish the notifications/happenings of **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**, in an exclusive notice board dedicated to **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad**.

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[Handwritten initials]

20. Apart from the above mentioned points, both the parties may even take up any other initiation that strengthens Industry- Academia Interaction upon mutual consent.

Each Party shall appoint one nodal officer to periodically review and identify ways to strengthen cooperation between them. This MoU will take effect from the date it is signed by representatives of the parties. It will remain valid for five years and may be continued thereafter after suitable review and agreement. Either party may terminate the MoU by giving written notice to the other party six months in advance. Once terminated, neither **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** nor **Vaagdevi College of Engineering, Warangal**, will be responsible for any losses, financial or otherwise, which the other party may suffer. However, **MSME Tool Room Hyderabad (CITD), Balanagar, Hyderabad** and **Vaagdevi College of Engineering, Warangal**, will ensure that all activities in progress are allowed to be completed successfully.

This MoU is signed subject to approval of the respective academic/administrative bodies.

On behalf of
**MSME Tool Room Hyderabad
(Central Institute of Tool Design)
Balanagar,
Hyderabad**

Shri

Signed by:

Shri. Shri JAYAT KHAN

Date:

Witness:

- G. Santh Kumar*
Dy. Director (T&D)
MSME Tool Room Hyd.
9908211787



On behalf of
**Vaagdevi College of Engineering
Bollikunta,
Warangal,
Telangana.**

Prof

Signed by:

Dr. K. Prakash

Date:

16. 9. 2017

Witness:

- Prof. P. Venkat Reddy*



Scope of Activities:

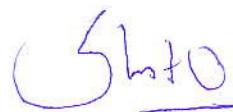
BY MSME Tool Room Hyderabad (CENTRAL INSTITUTE OF TOOL DESIGN):

1. To give special training to a selected number of students on industry based projects in order to ensure that acquire skills for their employability to the industry.
2. To conduct training for the faculty of the college through practical aspects and Software Development so that the same can be transmitted to the students in the campus.
3. To impart required training, to the faculty in laboratories of Vaagdevi College of Engineering with required Software for the programs and make the students to get the Hands on practical Training.
4. To offer special invited talks by experts in the industry on topics pertaining to the Engineering fields on mutually convenient dates.
5. To provide Value Added Industry – Institution – Interaction based Training Programs like In-plant Training, Summer Internship Programs, and Project guidance to students.
6. To impart specialized skills relevant to the Industry such as Domain Knowledge, Soft Skills, Projects and Paper Presentation.
7. To provide campus placements for the academically strong students at Vaagdevi College of Engineering.

BY Departments of MECHANICAL, EEE, ECE, CSE AND CIVIL Engineering:

1. To make available the Infrastructure and services as required by Central Institute of Tool Design to conduct specialized training, lectures etc.
2. To actively participate in the collaborative programmes of both the organizations.
3. To conduct joint research and consultancy projects with Central Institute of Tool Design by actively involving the faculty and students.
4. To have periodic review meetings with Central Institute of Tool Design in order to identify new areas of collaboration and improve the contents of Training, Research and Consultancy in the areas of mutual interests.

**For MSME Tool Room Hyderabad
(CENTRAL INSTITUTE OF TOOL DESIGN)**



**Shri. Shujayat Khan
Principal Director, Appellate Authority & CEO
Central Institute of Tool Design
Hyderabad, Telangana State, INDIA**



**For VAAGDEVI COLLEGE OF
ENGINEERING,**



**Dr. K. Prakash
Principal
Vaagdevi College of Engineering,
Warangal, Telangana State.**



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding entered into at Warangal on this **20th (Monday) of November** month in the year **2017**.

BETWEEN

M/s ICT Academy, a non profit Society incorporated under the Tamilnadu Societies Registration Act, 1975 and having its Office at ELCOT Complex, 2-7 Developed Plots, Industrial Estate, Perungudi, Chennai 600 096 (hereinafter called as "**ICT ACADEMY**" which expression shall, wherever the context so permits mean and include successors and assigns.)

AND

Vaagdevi College of Engineering, having its principal place of business at, Bollikunta, Warangal, Telangana - 506005, duly represented (hereinafter referred to as "**Vaagdevi College of Engineering**", which expression shall, wherever the context so permits mean and include successors and assigns.)

WHEREAS

ICT Academy is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavours to train the higher education teachers and students thereby exercises on developing the next generation teachers and industry ready students.

ICT Academy is recently endorsed and recommended by NITI Aayog (National Institution for Transforming India Aayog), the National Planning body of Government of India as one of the unique organization for dissemination and replication, which is aligned to the Skill India Vision of the Government of India.

The ICT ACADEMY is led by a Governing body chaired by Mr.Lakshmi Narayanan of Cognizant Technologies. Other members are Mr. BVR Mohan Reddy, Founder & Executive Chairman of Cyient, Mr. T.K Ramachandran IAS, Principal Secretary – IT Department, Government of Tamil Nadu, Dr. Rajendra Kumar IAS, Managing Director of Electronics Corporation of Tamil Nadu, Mr. J.Kumaragurubaran IAS, Director & CEO of Tamil Nadu E-Governance Agency, Mr.V.Balakrishnan, Chairman of Micrograam, and Mr. Krish Ganesan, Vice President HR of TCS.

The ICT ACADEMY is also led by an advisory board consisting of Government Representatives.

Vaagdevi College of Engineering was established in the year 1998 with a mission to provide healthy educational environment to students to cater to the needs of the society. The vision of the Institution being to strengthen links with Industry.

ICT ACADEMY has approached Vaagdevi College of Engineering to become its Institutional Member to offer various services to the college based on membership deliverables.

ICT ACADEMY is agreeable to enter into this MOU with Vaagdevi College of Engineering as per the terms and conditions set out hereunder:

Now this MoU witnesses as under:

1. Scope of the MoU

- 1.1 Vaagdevi College of Engineering hereby agrees to become Institutional member of ICT Academy by paying an Annual Membership fee of INR 82,600. (Including GST)
- 1.2 ICT ACADEMY and Vaagdevi College of Engineering would collaborate to offer services to the faculty members in the areas of Information and Communication Technology.

2 Role of ICT ACADEMY

- 2.1 ICT ACADEMY shall conduct industry relevant three training programs (FDP) in the domain of ICT, for which the faculty members of Vaagdevi College of Engineering and other colleges in the territory shall be invited.
- 2.2 ICT ACADEMY shall provide faculty training and certification for 15 faculty members of Vaagdevi College of Engineering at free of cost.
- 2.3 The ICT ACADEMY shall provide various domain specific training programs either drawn from the Industry or approved by the industry.
- 2.4 The ICT ACADEMY shall provide industry certified trainers and expert trainers to conduct such training program at free of cost.

- 2.5 The ICT ACADEMY would invite Vaagdevi College of Engineering to nominate two teachers on every special training Program at ICT Academy Campus, ELCOT Complex, Perungudi, Chennai at free of cost.
- 2.6 The ICT ACADEMY would provide 2 copies of ICT ACADEMY research journals on quarterly basis at free of cost.
- 2.7 The ICT ACADEMY shall provide expert advice as a member of the board of studies and improve the quality of the curricula as per the industry requirements.
- 2.8 The ICT ACADEMY shall conduct HR meetings/TPOs workshops in Vaagdevi College of Engineering towards student Internships.

3 Role of Vaagdevi College of Engineering

- 3.1 Vaagdevi College of Engineering shall identify and depute one Dean / HOD as single point of contact for ICT ACADEMY activities at the institution.
- 3.2 Vaagdevi College of Engineering shall provide the following infrastructure at its campus for the programs to be conducted by ICT ACADEMY.
- a. Computer Lab infrastructure with 50 seat capacity
 - b. LCD projector & screen, White board and other AV equipments
- 3.3 Vaagdevi College of Engineering hereby undertakes that it shall not utilise the contents, training materials, and such other information provided hereunder beyond the scope of this MoU and shall not share such information with any third party or render services utilising the materials, contents, training materials to third parties without the consent of ICT ACADEMY.
- 3.4 Vaagdevi College of Engineering shall provide necessary hostel and food facilities at free of cost to the trainers and the resource persons during the programs to be conducted by ICT ACADEMY.
- 3.5 Vaagdevi College of Engineering shall provide hostel and food facilities to the participants on payment basis subject to availability.

4 Other Terms

4.1 Both the Parties shall explore & jointly develop new courses for the teachers from time to time, the terms for the same will be discussed as and when required and mutually agree upon the terms and the commercials in writing.

4.2 Both the Parties shall explore to work on specific ICT related research areas as per the industry requirements and agreed upon by both the parties.

5 Operation of this MoU

5.1 Upon execution of this MoU, ICT ACADEMY shall communicate to the Vaagdevi College of Engineering the training schedules. Thereupon, the Parties shall mutually discuss and agree on the operational terms based on which ICT ACADEMY would offer its various other services.

6 Validity of this MoU

6.1 The validity of this MoU is continued until the terms are mutually agreed between the parties.

7 CONFIDENTIALITY

7.1 The Parties shall treat all information, documents, contents and materials pertaining to ICT ACADEMY or Vaagdevi College of Engineering provided under this MoU as confidential.

7.2 ICT ACADEMY or Vaagdevi College of Engineering shall not disclose any aspect of any confidential information to any third party in any manner whatsoever other than in the normal course of agreed terms under this MoU.

7.3 The confidentiality of information shall survive the termination of this Agreement.

8 INTELLECTUAL PROPERTY

8.1 All the intellectual property rights with respect to the programs, contents provided by ICT ACADEMY shall vest with ICT ACADEMY. Vaagdevi College of Engineering shall not infringe the intellectual property rights of ICT ACADEMY and shall duly intimate of any such infringement by any third parties.

In witness whereof the Parties have executed this MoU on this the 20th (Monday) of November, 2017

For ICT Academy

Authorised Signatory

For Vaagdevi College of Engineering

Authorised Signatory

J. J. R. N. Jadhav

Witness 1

Witness 2

ICT Academy to collaborate with Vaagdevi Engineering College

THE HANS INDIA | Nov 21, 2017 | 03:05 AM IST

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ICT Academy to collaborate with Vaagdevi Engineering College

Warangal: The city-based Vaagdevi Engineering College has entered into collaboration with the ICT Academy towards advanced technical training and skill development of students.

An agreement in this connection was signed at the College at Bollikunta on the outskirts of Warangal on Monday. The ICT Academy Telangana Head N Amarnath and the college authorities have exchanged the documents of collaboration.

ICT Academy, not-for-profit society and an initiative of union government in collaboration with the State governments and industries endeavours to train the higher education teachers and students on developing the next generation teachers and industry ready students, Amarnath said.

The Academy was launched to meet the skill requirements of the industry and generate more employment by means of faculty development, student skill development, entrepreneurship development, youth empowerment, industry-institute interaction and digital empowerment and research, he added.

The college principals K Prakash and P Prasada Rao informed that the membership offered by the ICT Academy as part of the Central governments' initiatives like Skill India and Make In India would boost the employment opportunities of the students.

As part of the collaboration, the students of the college would be trained by MNCs like Microsoft, TCS, Oracle Cognizant and others, they said. Deans SSVN Sharma and P Venkat Reddy Industry Institute Interaction Cell coordinator Ch Raju and others were present.

ఆధునిక పరిజ్ఞానానికి ఐసీఐ దోహదం



వాగ్దేవిలో ఐసీఐతో అనుసంధానం ఒప్పంద పత్రాలను మార్చుకుంటున్న ప్రతినిధులు

మామునూరు: విద్యార్థుల్లో పారిశ్రామిక నిర్వహణకు కావలసిన ఆధునిక పరిజ్ఞానం పెంపొందించేందుకు ఐసీఐ ఊహద పదు తుందిని తెలంగాణ ఐసీఐ అకాడమీ అధిపతి అమర్ నాథ్ అన్నారు. బొల్లికుంట వాగ్దేవి ఇంజనీరింగ్ విద్యా సంస్థలలో భారత ప్రభుత్వ నీతి ఆయోగ్ అనుబంధ సంస్థ ఐసీఐ (ఇన్ఫర్మేషన్ కమ్యూనికేషన్ టెక్నాలజీ) అనుసంధానం జరిగింది. వాగ్దేవి పారిశ్రామిక విభాగం అధ్యక్షులలో నిర్వహించిన నమావే

శంలో ఇరుసంస్థల ప్రతినిధులు సోమవారం సమావేశమై ఒప్పంద పత్రాలు రాసుకొని సంతకాలు చేశారు. వాగ్దేవి విద్యా సంస్థలను ఐసీఐతో అనుసంధానం చేస్తూ అనేక తీర్మానాలను అంగీకరిస్తూ ఒప్పంద పత్రాలు రాసుకున్నారు. ఈ సందర్భంగా ఏర్పాటు చేసిన సమావేశంలో అమర్ నాథ్ మాట్లాడుతూ విద్యార్థుల ప్రతిభను మెరుగు పర్చడానికి ఒప్పందం చేసుకున్నట్లు తెలిపారు. కళాశాలల పీన్సిపాల్స్ కెప్రకాష్ పిప్రసాదరావు

- అకాడమీ అధిపతి అమర్ నాథ్
 - బొల్లికుంట 'వాగ్దేవి'తో ఒప్పందం
- మాట్లాడుతూ అనుసంధానం కారణంగా కేంద్ర ప్రభుత్వ ప్రవేశపెట్టిన పథకాలను సర్దునియోగం చేయడానికి వీలుంటుందన్నారు. స్పీల్ ఇండియా, మెకిన్ ఇండియాలో భాగంగా ఐసీఐ అందించే మెంబర్ షిప్ సర్టిఫికేషన్స్ ఉద్యోగ ఉపాధి అవకాశాలకు ఉపయోగపడుతాయన్నారు. అనుసంధానం వల్ల బహుళ జాతి కంపనీలైన మైక్రోసాఫ్ట్, టీసీఎస్, ఒరకుల్, కాగ్నిజెంట్, ఆటోడెస్కో, వంటి సంస్థల నిష్పాతులచేత శిక్షణ ఉంటుందన్నారు. ప్రభుత్వ అనుబంధ సంస్థతో కీలక నిర్ణయాలు తీసుకొని పరస్పర సహకారాన్ని పెంపొందించుకోవడం ఇదే ప్రాథమని ఇరు సంస్థల ప్రతినిధులు హర్షం వ్యక్తం చేశారు. కార్యక్రమంలో వాగ్దేవి విద్యా సంస్థల డీన్ ప్రొఫెసర్లు ఎస్ఎస్వీఎస్ శర్మ, పి.వెంటక రెడ్డి, పారిశ్రామిక అనుసంధానం విభాగం కోఆర్డినేటర్ సీహెచ్. రాజు, విభాగాల ప్రతినిధులు, అధ్యాపకులు పాల్గొన్నారు.



SAKSHI 21-11-17 మార్గేషితో నీతి ఆయోగ్ అనుసంధానం

న్యాయంపేట: బొర్లికుంటలోని వాగ్దేవి ఇంజనీరింగ్ విద్యాసంస్థలో భారత ప్రభుత్వ నీతి ఆయోగ్ అనుబంధ సంస్థ(ఐసీటీ-ఇన్స్ట్రక్చర్స్ కమ్యూనికేషన్ టెక్నాలజీ) సంస్థ వివిధ అంశాల్లో సహకారం అందించేందుకు ఇరువర్గాల ప్రతినిధులు సోమవారం ఉప్పంద పత్రాలపై సంతకాలు చేశారు. వాగ్దేవి విద్యాసంస్థలను ఐసీటీతో అనుసంధానం చేస్తూ వలు టీచ్యాణాలు ఇరుసంస్థలు అంగీకరించినట్లు తెలంగాణ ఐసీటీ అకాడమీ అధిపతి ఎన్.అమర్నాథ్ తెలిపారు. ఒక ప్రభుత్వ రంగ అనుబంధ సంస్థలో కీలక నిర్ణయాలు తీసుకొని పరస్పర సహకారాన్ని పెంపొందించుకోవడం ఇదే ప్రథమమని అన్నారు. సంతకాలతో కూడిన పత్రాలను ఇరు సంస్థల ప్రతినిధులు మూర్ఖుకున్నారు. కళాశాల ప్రిన్సిపాల్స్ ప్రథామ్ ప్రసాద్, డిప్యూటీ చైర్మన్



ఉప్పంద పత్రాలు మూర్ఖకుంటున్న ఇరువురు ప్రతినిధులు రెడ్డి కో-ఆర్డినేటర్ రాజు అన్ని విభాగాల అధిపతులు, అధ్యాపకులు చదివారు పాల్గొన్నారు.

'వార్గేవి'తో నీతి ఆయోగ్ అనుసంధానం

భీలాపరంగల్, నవంబర్ 20: బొల్లికుంటలోని వార్గేవి ఇంజనీరింగ్ విద్యాసంస్థలతో భారత ప్రభుత్వ నీతి ఆయోగ్ అనుబంధ సంస్థ ఐసీటీ (ఇన్ఫర్మేషన్ కమ్యూనికేషన్ టెక్నాలజీ) ప్రతినిధులు వివిధ అంశాల్లో సహకారం అందించేందుకు ఒప్పందం కుదుర్చుకున్నారు. సోమవారం కళాశాల ప్రాంగణంలో ఏర్పాటు చేసిన వేదికలో ఇరువర్గాల ప్రతినిధులు ఒప్పంద పత్రాలపై సంతకాలు చేశారు.

ఈ సందర్భంగా ఐసీటీ అకాడమీ అధిపతి ఆమర్ నాథ్ మాట్లాడుతూ ప్రభుత్వ అనుబంధ సంస్థతో పరస్పర సహకారం కోసం ఒప్పందం కుదుర్చుకోవడం ఇదే ప్రథమమన్నారు. కార్యక్రమంలో కళాశాల ప్రెసిపాల్ డాక్టర్ పీ ప్రసాద రావు, డీన్ ప్రొఫెసర్ ఎన్ఎస్ఎమ్ఎన్ శర్మ, ప్రొఫెసర్ పీ వెంకటరెడ్డి, కోఆర్డినేటర్ సీహెచ్ రాజు తదితరులు పాల్గొన్నారు.



ఒప్పంద పత్రాలను చూపుతున్న ఇరు వర్గాల ప్రతినిధులు

Namasthe Telangana 21-11-17

Memorandum of Understanding

Between

Vaagdevi College of Engineering (Autonomous), Warangal, India

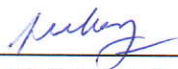
and

Rowan University, Glassboro, New Jersey, USA

Vaagdevi College of Engineering (Autonomous) and Rowan University, hereafter called "Parties" agree to sign the following "Memorandum of Understanding" to mutually further the interests of their students, faculty at international level in academic and research pursuits.

- 1) Student exchange programs where either institute can send the students for short-term and long-term courses including the transfer credits basis where the host institute awards relevant degree certificate as per the prevalent rules and regulations;
- 2) Promoting PhD scholars to take up research activities as per the departmental objectives
- 3) Faculty Exchange Programs where either institute can send Faculty for short-term and long-term professional development and/or research programs of various departmental objectives mutually agreed;
- 4) On mutual agreement and commitment, faculty can offer courses to students at the receiving institute
- 5) For both student and faculty programs, the financial commitments will be agreed and committed before the students / faculty take up the actual program. Host institute will consider various infrastructure facilities, scholarships, fellowships, and discounts to finalize the financial commitments;
- 6) It is understood that the implementation of this Memorandum of Understanding will commence on the day the last signature is put to paper, and will continue thereafter for three years, subject to revision or modification by mutual agreement.

Date: 16/11/18



Dr. Prakash Kamiseti
Principal

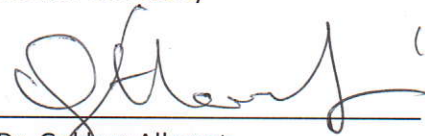
Vaagdevi College of Engineering



Date: 11/1/18



Dr. James A. Newell,
Provost and Senior Vice President
for Academic Affairs
Rowan University



Dr. Gokhan Alkanat
Director of the International Center
Rowan University

11-16-18



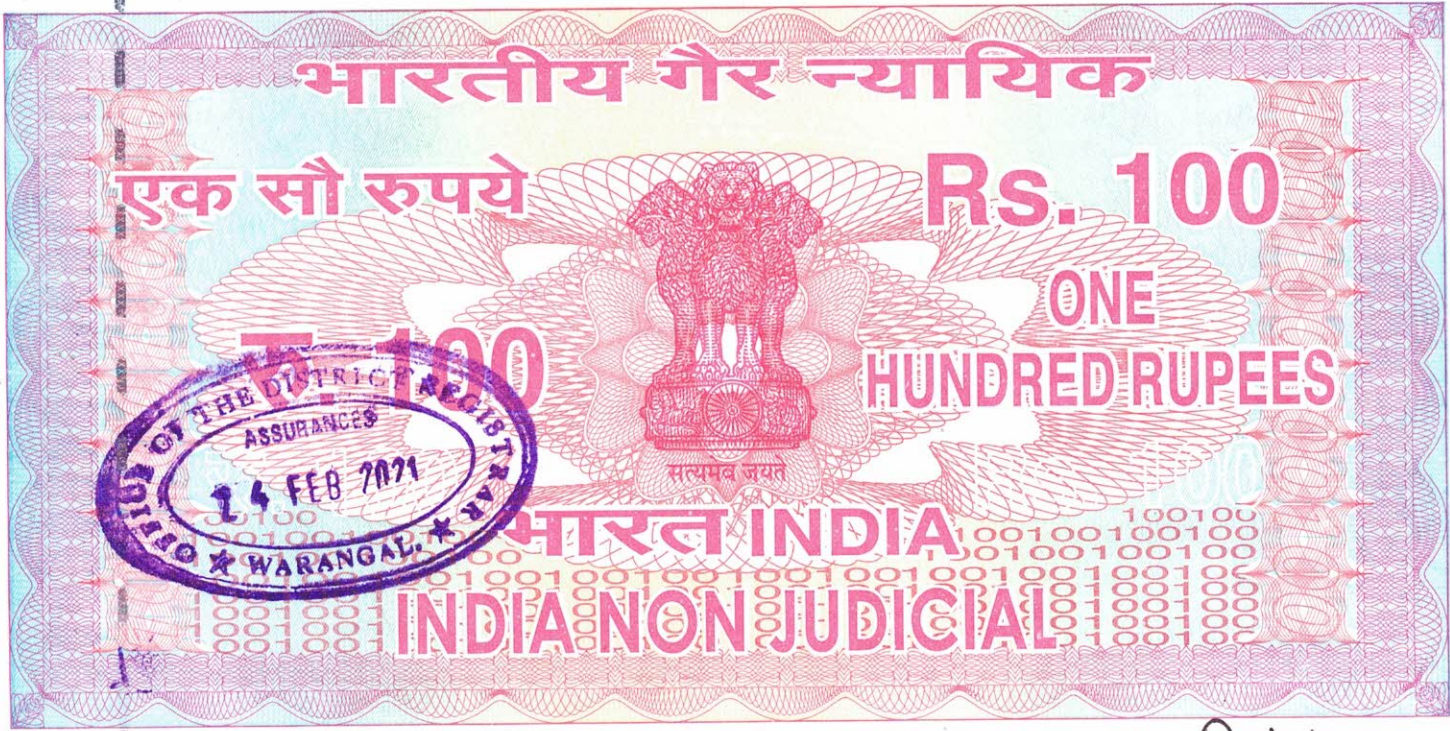
MEMORANDUM OF UNDERSTANDING

BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

AND

VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL



తెలంగాణ తెలంగాణ TELANGANA

Sl. No. 20224, Dated: 21-08-2021, Rs. 100/-
Sold to: K. Prakash, S/o. Srinivasulu
R/o. Warangal.
For whom: Vaagdevi College of Engineering, Warangal.

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Warangal-506001. Cell No:9849585605

This memorandum of understanding entered into on 23rd August 2021 between the National Institute of Technology Warangal 506004, Telangana, an autonomous institute under the Ministry of Human Resource Development (MHRD), Government of India, with its registered office at Warangal 506004, Telangana (hereafter referred to as NITW) of the first part

AND

Vaagdevi College of Engineering (VCE), Warangal, Telangana 506005, was established in 1998 with the permission of the All India Council, for Technical Education (AICTE), New Delhi, and the Government of Andhra Pradesh. VCE is an Autonomous Institute under UGC conferred in 2014 and recognized under Section 2(f) and Section 12(B) of UGC Act, 1956, Accredited by NAAC with Grade 'A' (hereafter referred to as VCE, Warangal) of the second part.

N.V.

K. Prakash

1.0 INTRODUCTION

In order to facilitate collaborative research work, establish academic and scientific relationships, promote joint Research and Consultancy activities, and extend mutual support in Postgraduate and Doctoral programs, NITW and VCE, Warangal agrees to establish this Memorandum of Understanding (MOU).

2.0 PREAMBLE

NITW has been recognized as Institute of National Importance by the Government of India. Formerly NITW was well known as Regional Engineering College (REC), Warangal first institutes established in 1959. In 2002, the College was renamed as National Institute of Technology Warangal, and in 2007 it was given the status of Institute of National Importance. NITW offers graduate, postgraduate and doctoral programs in different disciplines, contributing to the nation by developing qualified human resources.

'Vaagdevi College of Engineering' is a non-profit organization founded by a group of Industrialists, Academicians, and Professionals with the idea of imparting purposeful education to youth. Vaagdevi College of Engineering, Warangal, Telangana, sponsored by the Viswambhara Educational Society, was established in 1998 with the permission of All India Council for Technical Education (AICTE), New Delhi, and the Government of Andhra Pradesh. The Institute offers 07 UG-B.Tech programs and 08 PG-M.Tech Programs, 01 PG-MBA, and 02 Ph.D. Programs.

3.0: THE SCOPE OF MOU

The scope of the collaboration in academic and research activities in this MOU include the following categories

- a) Academic and research collaborations in the mutually interested areas.
- b) Academic interactions and support leading to higher qualifications.
- c) Exchange of academic and scientific information.
- d) Joint Project proposals to be submitted to various funding agencies.
- e) Joint Publications in various Scopus/SC Indexed Journals.

N.V. 



- f) Use of Laboratory facilities at NIT Warangal for the conduct of combined research.
- g) Sharing of Knowledge by organizing Workshops/ Seminars/ Faculty Development Programs in advanced technology areas.
- h) Allowing the faculty to do a Ph.D. Program on a part-time basis/external mode/full-time basis at NITW.
- i) Students of VCE, Warangal, do a summer internship with faculty at NITW and remote internships and support for Technology Competition.
- j) Faculty Summer Research Fellowship – Faculty of VCE, Warangal to work with the faculty of NIT Warangal campus.
- k) To develop Joint Societal Impact Projects.

4.0: ACADEMIC AND RESEARCH COLLABORATIONS IN THE MUTUALLY INTERESTED AREAS

- a) Faculty from NITW and VCE, Warangal, can engage in collaborative research work, support and help each other in carrying research projects and Joint publications/ patents, etc.
- b) Joint project proposals can be developed by the faculty members from NITW and VCE, Warangal to submit to funding agencies such as DST, DBT, UGC, AICTE, SERB, DRDO, etc.
- c) Any intellectual property rights (IPR) in connection with the joint projects shall belong to both institutions.
- d) The visible output in the form of conference proceedings, journal publications, and book chapters which resulted from the collaborative research work, joint projects, and research work that leads to a Ph.D. degree, shall belong to the faculty members, and credentials shall be given to them who involved and executed the work as per the research and publishing ethics.
- e) The research facilities at NITW can be utilized by the students and faculty of VCE, Warangal, as per institute norms with the applicable fee. Similarly, the research facilities at VCE, Warangal campuses can be utilized by the students and faculty of NITW as per Institute norms.

N.V. [Signature]

[Signature]

- f) Faculty of NITW and VCE, Warangal will develop joint societal impact projects and collaborations with other external agencies/ R&D organizations/ Indian and overseas Educational Institutions.

5.0: ACADEMIC INTERACTIONS AND SUPPORT LEADING TO HIGHER QUALIFICATIONS

- a) As VCE, Warangal is well established autonomous Institute, and the majority of faculty members in VCE, Warangal are postgraduates and doctorates from premier institutes such as IITs, NITs, and Central Universities; NITW shall allow faculty members of VCE, Warangal to register for Ph.D. on part-time/external mode/full-time subject to their meeting the admission criteria and based on interview performance.
- b) The faculty can complete the required courses by self-study and can appear for the examinations. VCE, Warangal shall grant permission to the faculty members who register for Ph.D. at NITW to write those examinations.
- c) If a faculty member of VCE, Warangal, registers for a Part-time Ph.D. degree at NITW, he shall have one guide at VCE, Warangal, and one at NITW.
- d) If a guide is not available in the parent department from VCE, Warangal, or NITW in the proposed research area, eligible faculty who belong to allied departments can act as one of the guides. However, in such cases, one guide must be from the parent department either at VCE, Warangal, or NITW.
- e) The remaining Ph.D. guidelines, rules, and regulations as per the NITW shall be followed.
- f) As per institute norms, the faculty members can utilize the instruments, equipment, and other research facilities at NITW for their Ph.D. work.

6.0: EXCHANGE OF ACADEMIC AND SCIENTIFIC INFORMATION

- a) NITW and VCE, Warangal can support and help each other in the academic Programs by conducting a joint workshops, conferences, seminars, FDP by arranging short visits, guest lectures, and training programs for the faculty members and students.

N.V. 



- b) Faculty shall share articles, publications, scientific information, patents information, etc., for their academic needs and not for commercial purposes on mutual consent and case to case basis about revenue sharing and expenditure.

7.0: EXCHANGE OF STUDENTS AND FACULTY

- a) Students of VCE, Warangal campus can visit NITW for 6 to 8 Weeks to do summer internship work under the guidance of the NITW faculty based on the availability. Students of NITW can visit VCE, Warangal campuses for their internships/mini-projects/projects under the guidance of VCE, Warangal faculty.
- b) Students of VCE, Warangal, and NITW can do final year project work based on mutual interest under the joint guidance of the faculty members from VCE, Warangal, and NITW.
- c) Faculty from NITW can visit VCE, Warangal, to teach a part of any course of the B.Tech. Program with prior permission from NITW. Emoluments shall be paid to the faculty as per the VCE, Warangal norms.
- d) Faculty from VCE, Warangal, can visit NITW to teach a part of any course with prior permission from VCE, Warangal. Emoluments shall be paid to the faculty as per the NITW norms.
- e) Faculty from VCE, Warangal, may visit NITW for 6 to 8 Weeks as a summer research fellow to work on a project under the guidance of NITW faculty.

8.0: MOU MODALITIES

- a) This MOU shall be effective immediately as soon agreed and signed by both parties. This MOU shall be valid for five years from the date of signing and extendable for another five years on mutual agreement.
- b) Any party may terminate this MOU by giving written notice of termination at least three months in advance.



- c) In the event of termination of MOU, for whatever the reason, both parties agree to complete the committed joint projects, joint conferences, Ph.D. guidance, etc., during the notice period and beyond.

9.0: MOU MODIFICATION OR AMENDMENT

- a) Any article or clause of this MOU can be removed or modified, or any amendment can be included with the combined agreement from VCE, Warangal, and NITW.
- b) This MOU can be reviewed and revised by both parties at any point in time if required on mutual agreement.

10.0: SEPARATE AGREEMENTS

Each activity mentioned in this MOU is governed by terms and conditions agreed by both parties. If required, both parties can have an additional case-specific agreement by negotiating and mutual agreement by signing a separate agreement or amending a clause to the existing MOU.

11.0: ARBITRATION

- a) If any dispute arises from the agreement, the appropriate authorities from VCE, Warangal, and NITW can discuss and resolve the dispute in good faith
- b) If any dispute, issue, or controversy arising from this agreement is not resolved with discussions and mutual understanding within three months, an arbitrator can be appointed by mutual consent to solve the issue as per the governing Indian laws.

N.V.



12.0: GENERAL

- a) All activities developed under this MOU shall respect and uphold the corresponding norms, traditions, rules, and regulations of collaborating parties.
- b) The parties hereby agree to execute the MOU within the scope mentioned above of MOU.

Signed: N.V. Ramana Rao 23/8/24

Prof. N.V. Ramana Rao
Director,
National Institute of Technology,
Warangal, India

Signed: Prakash Kamiseti 23/8/24

Prof. Prakash Kamiseti
Principal,
Vaagdevi College of Engineering
Warangal, Telangana, India

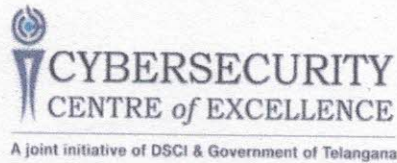
Witnesses from NIT Warangal

- 1. Prof. CSRK Prasad
Advisor CRRM 23/8/24
- 2. Sri S Goverdhana Rao
Registrar 23.8.24

Witnesses from VCE-Warangal

- 1. Prof. K. Somi Reddy
Dean, BSH KSR Reddy
23/08/24
- 2. Dr. M. Shastidhar
Dean, Administration 23/8/24

**MEMORANDUM OF UNDERSTANDING
(MoU)
Between**



**CYBERSECURITY CENTRE OF EXCELLENCE,
TELANGANA**

And



**VAAGDEVI COLLEGE OF ENGINEERING
AUTONOMOUS
Warangal, Telangana**



This Memorandum of Understanding ("MoU") is entered into and executed on this **06th Day of May 2022**, at Hyderabad.

By and between:

Data Security Council of India (DSCI), is a corporate body with CIN U74120DL2008NPL182363, having registered office at Plot No.62, Basement Pocket - 2, Jasola, New Delhi South Delhi having its offices at different places and **represented by the Cybersecurity Center of Excellence, Hyderabad**, having its office at CTRLS Data Centres, 4th Floor, Pioneer Towers, Inorbit Mall Road, Hi-tech City, Hyderabad, Telangana, 500081, India hereinafter referred to as "CCoE" which expression shall unless repugnant to the context or meaning thereof include its successors and permitted assignees and also referred as First Party,

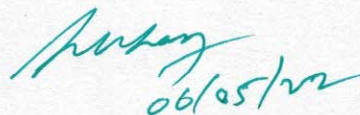
And

Vaagdevi College of Engineering, Warangal, Telangana, established in the year 1998, approved by AICTE, New Delhi, affiliated to Jawaharlal Nehru technological University Hyderabad, Awarded Autonomous status by UGC in the year 2014, Accredited by NBA and Accredited by NAAC with grade "A".

The CCoE and VCE Warangal shall be hereafter individually referred to as 'Party' and collectively as 'Parties'. This MoU is executed by its authorized representatives respectively.

Whereas CCoE is a joint initiative of DSCI and the Government of Telangana. The CCoE endeavors to build sustainable cybersecurity and privacy industry development by creating a conducive cybersecurity ecosystem that nurtures innovation, entrepreneurship, and capability building. The CCoE is a hive of activity for organizations, departments, entrepreneurs, professionals, and students engaged in this domain. The CCoE aims to provide secure and resilient cyberspace to fulfill the needs of the digital economy and society by creating a GLOCAL cluster of Cybersecurity organizations in Telangana. The CCoE fosters incubation, innovation, expertise, and collaboration in the twin areas of Cybersecurity and Privacy. DSCI is a not-for-profit company registered under Section 25 of the Companies Act 1956 (now section 8 of Companies Act 2013) and is an industry body on data protection in India, set up by NASSCOM®, committed to making cyberspace safe, secure, and trusted by establishing best practices, standards, and initiatives in cyber security and privacy.


06/05/22


06/05/22



Whereas Vaagdevi College of Engineering is a private and Self-financed, Autonomous Institution in Warangal district, Telangana State, India.

1. PURPOSE

The purpose of the MoU is to establish that CCoE and VCE Warangal will jointly collaborate for the mutual benefit of both organizations. The areas of collaboration will be research, innovation, incubation, marketing, hackathons, corporate innovation, and training programs. The scope of each activity under the identified areas of collaboration along with Roles & Responsibilities, Timelines, and Financial Commitment will be discussed and decided separately through a formal approval/acceptance to that effect for the works/services has been accorded through signed documents by VCE Warangal and DSCI prior to starting the work.

2. FINANCIAL ASPECTS

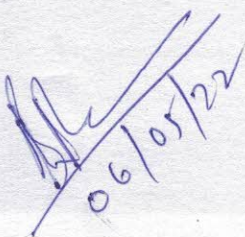
- 2.1. No financial commitment from any party will be assumed unless a formal approval/acceptance to that effect for the works/ services has been accorded through signed documents by VCE Warangal and CCoE prior to starting of work.
- 2.2. All payments will be made through mutually accepted mode.

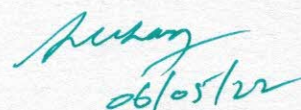
3. CONFIDENTIALITY AND NON-DISCLOSURE

- 3.1. Any software/hardware material, product specifications, designs, financials, information, documents shall be deemed to be in the private domain, and it shall not be made public or shared with any other party without the prior written consent of the party which owns it. The material shall be treated as confidential for a minimum period of two years after this MoU comes to an end or as agreed from time to time in writing.
- 3.2. In the event of any of the parties becoming legally compelled to disclose any confidential information, such party shall give sufficient notice to the other party to enable the other party to seek a timely protective order or any other as appropriate relief. If such order or other relief cannot be obtained, the party is required to make such a disclosure shall make the disclosure of the confidential information only to the extent that is legally required of it and no further.

4. TERM & TERMINATION

- 4.1. This MoU is valid for a period of 3 years from the date of signing of MoU. If further extensions are required, it shall be renewed by mutual consent of the parties in writing.
- 4.2. This MoU may be terminated by either party at any time by giving 10 days prior notice to the other party. Further, either party may also terminate this Agreement with immediate effect upon written notice to the other party if it reasonably believes that its performance, or any aspect of it, results, or might result in a breach or violation of any legal, regulatory, ethical or audit independence requirement in any jurisdiction.


06/05/22


06/05/22



5. DISPUTE Resolution

- 5.1. **Amicable Settlement:** This MoU is based on the immediate benefits and on developing and enduring relationships serving and safeguarding the commercial interests as well as the standing of the parties. Hence the Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Memorandum of Understanding or interpretation thereof.
- 5.2. **Dispute Settlement:** If any Dispute is not resolved by mutual negotiations within the period of 30 days, then the dispute shall be referred to the arbitrator mutually appointed by both parties. The arbitral award shall be in writing and shall be final and binding on each Party. The Arbitration Proceedings shall be held at Hyderabad. The Arbitration Proceedings shall be in the English language only. The Arbitration and Conciliation Act, 1996 and the rules thereunder or any statutory modification or reenactment thereto or thereof for the time being in force will be applicable to the proceedings. The Courts in Hyderabad shall only have jurisdiction to try, entertain and decide the litigation arising out of the MoU, which is not covered within the ambit of Arbitration.

6. ASSIGNMENT AND TRANSFER

All rights, duties, and obligations of the parties under this MoU shall not be transferred or assigned by either party to any third party without the prior written consent of the other party.

7. NON-WAIVER

The failure or neglect by either of the Parties to enforce any of the terms of this MoU shall not be construed as a waiver of its rights preventing subsequent enforcement of such provision or recovery of damages for breach thereof.

8. SEVERABILITY

The invalidity or unenforceability of any provision of this MoU shall not affect the validity or enforceability of any other provision of this MoU that shall continue in full force and effect except for any such invalid and unenforceable provision.

9. MODIFICATION

No modification to this MoU will be effective unless agreed to in writing by both Parties and duly signed by the authorized signatories of the Parties.

10. NOTICES

All notices required or permitted to be given hereunder shall be in writing, shall refer to this MoU, and shall be delivered by hand, or dispatched by prepaid air courier or by registered or certified airmail, postage prepaid, addressed to the other Party's address as stipulated on the first page of this MoU.

The address for notices to the respective parties shall be:


06/05/22


06/05/22



| | |
|--|--|
| For CCoE: Cybersecurity Centre of Excellence, DSCI, CTRLS Data Centres, 4th Floor, Pioneer Towers, Inorbit Mall Road, Hi-tech City, Hyderabad, Telangana, 500081 | For Vaagdevi College of Engineering: Khammam Road Bollikunta, Khila Warangal (Mandal) Warangal Telangana State – 506 005 |
|--|--|

11. COUNTERPARTS:

This MoU may be executed in two counterparts, and each counterpart shall constitute an original instrument, and both the counterparts together shall constitute the same instrument.

12. LIMITATION OF LIABILITY

In no event will VCE Warangal or CCoE be liable to the other party for any incidental, consequential, special, and exemplary or direct or indirect damages, or for lost profits, lost revenues, or loss of business arising out of the subject matter of this MoU, regardless of the cause of action, even if the party has been advised of the likelihood of damages if it is unintentional and beyond reasonable control.

13. NO PARTNERSHIP

Nothing in this MoU shall be deemed to either constitute or create an association, trust, partnership, or joint venture between the Parties nor constitute either party the agent of the other party for any purpose.

14. HEADINGS

The headings shall not limit, alter, or affect the meaning of the Clauses headed by them and are solely for the purpose of easy reference.

15. ENTIRE AGREEMENT

This MoU constitutes the entire understanding between the parties. All written or oral agreements, representations, or understandings of any kind that may have been made prior to the date hereof shall be deemed to have been superseded by terms of this MoU.

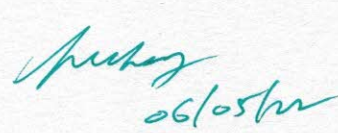
16. GOVERNED BY THE LAW

This MoU shall be governed by the laws of India.

17. INDEMNIFICATION

Either party shall keep other party, its affiliates, shareholders, officers, directors, employees, agents, representatives, and customers indemnified and harmless from and against any and all costs, liabilities, losses, and expenses (including, but not limited to, reasonable fees of attorney arising out of any claim, suit, action or proceeding (each, an "Action"), for any act(s) and omissions of such party under any proposal(s) to Prospective client(s) or any resulting contract(s) therefrom or any incidental matter or in any way arising therefrom.


06/05/22


06/05/22



IN WITNESS WHEREOF, the parties hereto have caused this MoU to be signed in their respective names on this date

**Cybersecurity Centre of Excellence,
 Telangana**

Authorized Signatory

Name: Dr. Sriram Birudavolu

Designation: Chief Executive Officer,
 CCoE

Date: 06/05/22

Vaagdevi College of Engineering,

Authorized Signatory

Name: Dr. K. Prakash

Designation: Principal

Date: 06/05/22

Witnesses

Signature:

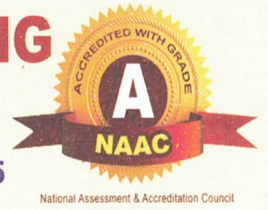
Name: U. Harshith

Designation: Associate Marketing

Signature:

Name: (J. SREENIVAS)

Designation: CHAIR (2021), IEBE HYD SECTION



MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL

AND

SURYATECH SOLUTIONS, HYDERABAD



This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the **22nd December, 2021** by and between.

VAAGDEVI COLLEGE OF ENGINEERING , WARANGAL, the First Party represented herein by its Principal **Dr. K Prakash, VAAGDEVI COLLEGE OF ENGINEERING , WARANGAL**, and **SURYATECH SOLUTIONS, HYDERABAD**. The second party and represented herein by its Director **Mr. A. Satish Kumar**.

WHEREAS:

- First Party is a Higher Educational Institution named: **VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL**,
- First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Internship & Placement.
- SURYATECH SOLUTIONS** - the Second Party is engaged in design and development telecommunication and Electronics products.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



CLAUSE 1 :: CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 :: SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Internship: Second Party to extend the necessary support students of the First Party on the technology trends and in house internship.
- 2.3 Placement: Second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 :: VALIDITY

- 3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4 :: RELATIONSHIP BETWEEN THE PARTIES

- 4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party: VAAGDEVI COLLEGE OF ENGINEERING, Second Party: SuryaTech Solutions



PRINCIPAL
Dr. K Prakash



Witness 1: 


DIRECTOR
Mr. A. Satish Kumar



Witness 2: 



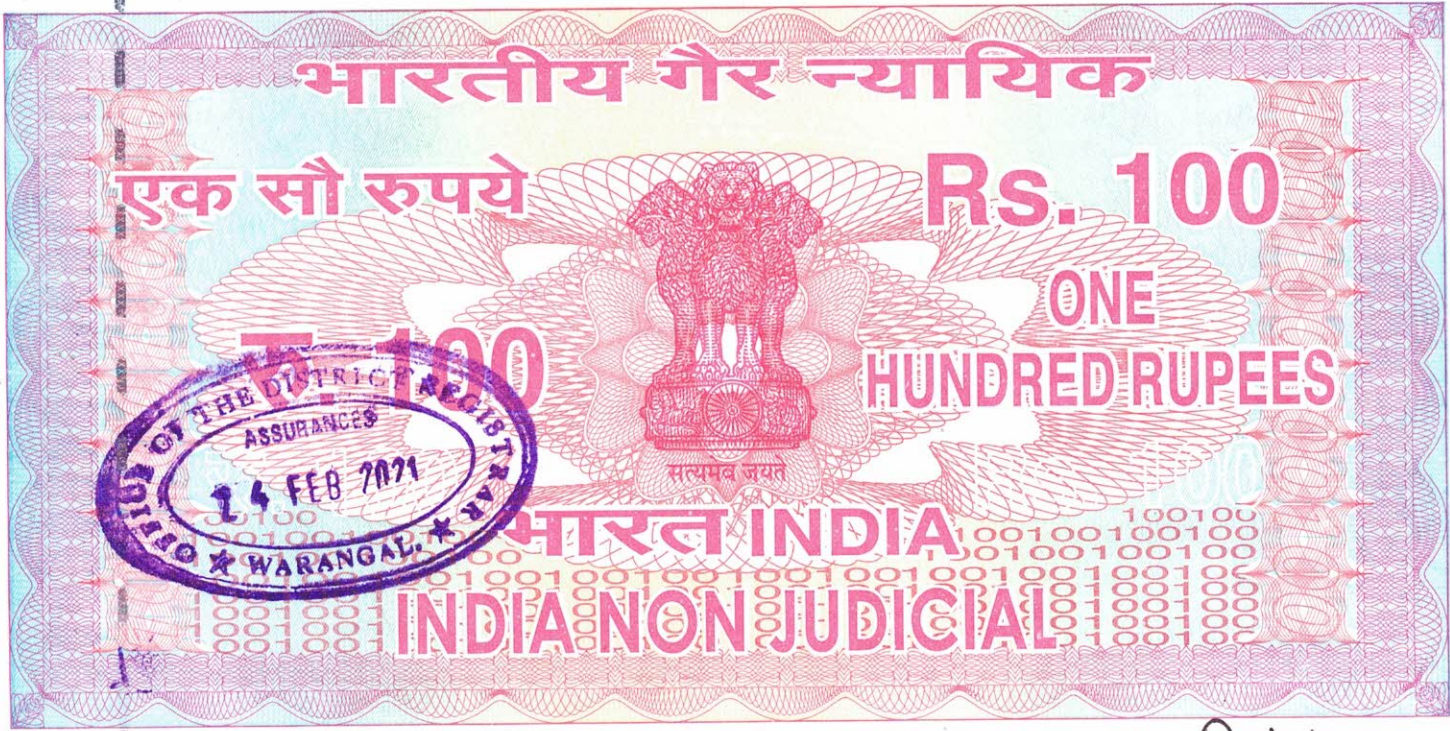
MEMORANDUM OF UNDERSTANDING

BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

AND

VAAGDEVI COLLEGE OF ENGINEERING, WARANGAL



తెలంగాణ తెలంగాణ TELANGANA

Sl. No. 20224, Dated: 21-08-2021, Rs. 100/-
Sold to: K. Prakash, S/o. Srinivasulu
R/o. Warangal.
For whom: Vaagdevi College of Engineering, Warangal.

A. Susmitha
AB 077526
A. SUSMITHA
Licenced Stamp Vendor
L.No:21-11-19/2011, RL.No:21-11-11/2020
#1-8-610, Mayuri Complex, Balasamudram,
Beside Mangalya Shopping Mall, Hanamkonda,
Warangal-506001. Cell No:9849585605

This memorandum of understanding entered into on 23rd August 2021 between the National Institute of Technology Warangal 506004, Telangana, an autonomous institute under the Ministry of Human Resource Development (MHRD), Government of India, with its registered office at Warangal 506004, Telangana (hereafter referred to as NITW) of the first part

AND

Vaagdevi College of Engineering (VCE), Warangal, Telangana 506005, was established in 1998 with the permission of the All India Council, for Technical Education (AICTE), New Delhi, and the Government of Andhra Pradesh. VCE is an Autonomous Institute under UGC conferred in 2014 and recognized under Section 2(f) and Section 12(B) of UGC Act, 1956, Accredited by NAAC with Grade 'A' (hereafter referred to as VCE, Warangal) of the second part.

N.V.

K. Prakash

1.0 INTRODUCTION

In order to facilitate collaborative research work, establish academic and scientific relationships, promote joint Research and Consultancy activities, and extend mutual support in Postgraduate and Doctoral programs, NITW and VCE, Warangal agrees to establish this Memorandum of Understanding (MOU).

2.0 PREAMBLE

NITW has been recognized as Institute of National Importance by the Government of India. Formerly NITW was well known as Regional Engineering College (REC), Warangal first institutes established in 1959. In 2002, the College was renamed as National Institute of Technology Warangal, and in 2007 it was given the status of Institute of National Importance. NITW offers graduate, postgraduate and doctoral programs in different disciplines, contributing to the nation by developing qualified human resources.

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The scope of the collaboration in academic and research activities in this MOU include the following categories

- a) Academic and research collaborations in the mutually interested areas.
- b) Academic interactions and support leading to higher qualifications.
- c) Exchange of academic and scientific information.
- d) Joint Project proposals to be submitted to various funding agencies.
- e) Joint Publications in various Scopus/SC Indexed Journals.

N.V. 



- f) Use of Laboratory facilities at NIT Warangal for the conduct of combined research.
- g) Sharing of Knowledge by organizing Workshops/ Seminars/ Faculty Development Programs in advanced technology areas.
- h) Allowing the faculty to do a Ph.D. Program on a part-time basis/external mode/full-time basis at NITW.
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- j) Faculty Summer Research Fellowship – Faculty of VCE, Warangal to work with the faculty of NIT Warangal campus.
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- c) Any intellectual property rights (IPR) in connection with the joint projects shall belong to both institutions.
- d) The visible output in the form of conference proceedings, journal publications, and book chapters which resulted from the collaborative research work, joint projects, and research work that leads to a Ph.D. degree, shall belong to the faculty members, and credentials shall be given to them who involved and executed the work as per the research and publishing ethics.
- e) The research facilities at NITW can be utilized by the students and faculty of VCE, Warangal, as per institute norms with the applicable fee. Similarly, the research facilities at VCE, Warangal campuses can be utilized by the students and faculty of NITW as per Institute norms.

N.V. [Signature]

[Signature]

- f) Faculty of NITW and VCE, Warangal will develop joint societal impact projects and collaborations with other external agencies/ R&D organizations/ Indian and overseas Educational Institutions.

5.0: ACADEMIC INTERACTIONS AND SUPPORT LEADING TO HIGHER QUALIFICATIONS

- a) As VCE, Warangal is well established autonomous Institute, and the majority of faculty members in VCE, Warangal are postgraduates and doctorates from premier institutes such as IITs, NITs, and Central Universities; NITW shall allow faculty members of VCE, Warangal to register for Ph.D. on part-time/external mode/full-time subject to their meeting the admission criteria and based on interview performance.
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- d) If a guide is not available in the parent department from VCE, Warangal, or NITW in the proposed research area, eligible faculty who belong to allied departments can act as one of the guides. However, in such cases, one guide must be from the parent department either at VCE, Warangal, or NITW.
- e) The remaining Ph.D. guidelines, rules, and regulations as per the NITW shall be followed.
- f) As per institute norms, the faculty members can utilize the instruments, equipment, and other research facilities at NITW for their Ph.D. work.

6.0: EXCHANGE OF ACADEMIC AND SCIENTIFIC INFORMATION

- a) NITW and VCE, Warangal can support and help each other in the academic Programs by conducting a joint workshops, conferences, seminars, FDP by arranging short visits, guest lectures, and training programs for the faculty members and students.

N.V. 



- b) Faculty shall share articles, publications, scientific information, patents information, etc., for their academic needs and not for commercial purposes on mutual consent and case to case basis about revenue sharing and expenditure.

7.0: EXCHANGE OF STUDENTS AND FACULTY

- a) Students of VCE, Warangal campus can visit NITW for 6 to 8 Weeks to do summer internship work under the guidance of the NITW faculty based on the availability. Students of NITW can visit VCE, Warangal campuses for their internships/mini-projects/projects under the guidance of VCE, Warangal faculty.
- b) Students of VCE, Warangal, and NITW can do final year project work based on mutual interest under the joint guidance of the faculty members from VCE, Warangal, and NITW.
- c) Faculty from NITW can visit VCE, Warangal, to teach a part of any course of the B.Tech. Program with prior permission from NITW. Emoluments shall be paid to the faculty as per the VCE, Warangal norms.
- d) Faculty from VCE, Warangal, can visit NITW to teach a part of any course with prior permission from VCE, Warangal. Emoluments shall be paid to the faculty as per the NITW norms.
- e) Faculty from VCE, Warangal, may visit NITW for 6 to 8 Weeks as a summer research fellow to work on a project under the guidance of NITW faculty.

8.0: MOU MODALITIES

- a) This MOU shall be effective immediately as soon agreed and signed by both parties. This MOU shall be valid for five years from the date of signing and extendable for another five years on mutual agreement.
- b) Any party may terminate this MOU by giving written notice of termination at least three months in advance.



- c) In the event of termination of MOU, for whatever the reason, both parties agree to complete the committed joint projects, joint conferences, Ph.D. guidance, etc., during the notice period and beyond.

9.0: MOU MODIFICATION OR AMENDMENT

- a) Any article or clause of this MOU can be removed or modified, or any amendment can be included with the combined agreement from VCE, Warangal, and NITW.
- b) This MOU can be reviewed and revised by both parties at any point in time if required on mutual agreement.

10.0: SEPARATE AGREEMENTS

Each activity mentioned in this MOU is governed by terms and conditions agreed by both parties. If required, both parties can have an additional case-specific agreement by negotiating and mutual agreement by signing a separate agreement or amending a clause to the existing MOU.

11.0: ARBITRATION

- a) If any dispute arises from the agreement, the appropriate authorities from VCE, Warangal, and NITW can discuss and resolve the dispute in good faith
- b) If any dispute, issue, or controversy arising from this agreement is not resolved with discussions and mutual understanding within three months, an arbitrator can be appointed by mutual consent to solve the issue as per the governing Indian laws.

N.V.



12.0: GENERAL

- a) All activities developed under this MOU shall respect and uphold the corresponding norms, traditions, rules, and regulations of collaborating parties.
- b) The parties hereby agree to execute the MOU within the scope mentioned above of MOU.

Signed: N.V. Ramana Rao 23/8/24

Prof. N.V. Ramana Rao
Director,
National Institute of Technology,
Warangal, India

Signed: Prakash Kamiseti 23/8/24

Prof. Prakash Kamiseti
Principal,
Vaagdevi College of Engineering
Warangal, Telangana, India

Witnesses from NIT Warangal

- 1. Prof. CSRK Prasad
Advisor CRRM CSRK Prasad 23/8/24
- 2. Sri S Goverdhana Rao
Registrar Sri S Goverdhana Rao 23.8.24

Witnesses from VCE-Warangal

- 1. Prof. K. Somi Reddy
Dean, BSH K S Reddy 23/08/24
- 2. Dr. M. Shastidhar
Dean, Administration Dr. M. Shastidhar 23/8/24



S.M. Technologies Pvt. Ltd.

SM Heights' A-2, Plot no 28, Shilpa society, Near Mamsh Nagar T-point, Somalwada, Nagpur. Pin code-440015
Contact:8485841789

Memorandum of Understanding (MOU)

For Strategic Industry-Academia Collaboration

Between

SM Technologies Pvt. Ltd., Nagpur
(A Sister Concern of RFIC Solutions Inc.USA)

And

Department of Electronics & Communication Engineering
Vaagdevi College of Engineering

Warangal, Telangana

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S.M. Technologies Pvt. Ltd.

SM Heights 'A-2, Plot no.28, Shilpa society, Near Manish Nagar T-point, Somalwada, Nagpur, Pin code-440015
Contact:8485841789

Memorandum of Understanding

Between

SM Technologies Pvt. Ltd., Nagpur

(A Sister Concern of RFIC Solutions Inc.USA)

And

Department of Electronics & Communication Engineering

Vaagdevi College of Engineering,

Warangal, Telangana

About SM Technologies:

SM Technologies Pvt. Ltd. is a sister concern of RFIC Solutions Inc., USA. SM Technologies Pvt. Ltd., is a fables semiconductor company focused exclusively on RF, Mixed Signal and Digital Chip/SoC Design services, established in June 2005. We use RF chip Design IPs to offer RF samples/Prototypes, acting as RF partner for companies to roll out RF chips for mass production to supply custom RF chips in million quantities.

We have completed many designs successfully with a number of semiconductor technologies via; GaAs pHEMT, InGaP HBT, SiGe CMOS, RFCMOS and BiCMOS Technologies provided by our Foundry partners like Triquint, GCS, WIN Semiconductors, Jazz and Tower Semiconductors. We use industry proven design tools like Agilent's-ADS, AWR's, Microwave/Analog Office, IC Editor, Cadence's RTL Compiler, NCSims, SockEncounter and Xilinx ISE Design Suite, Intel (Altera) Quartus II, Altium, Orcad, Spice, AutoCAD and Cadence IC Design tools.

About Vaagdevi College of Engineering:

Vaagdevi College of Engineering is NAAC 'A' accredited Institute and was established by the Viswambhara Educational Society in Warangal in 1998. It is an autonomous and accredited institution and also certified by ISO 9001:2020 encouraging creativity and quality in teaching and learning processes for the intellectual growth of its students. The college has five Engineering Departments EEE, ECE, CSE, ME & CIVIL. The college runs several PG programs in engineering apart from MBA and recently also got approval for Ph.D. programs. Special attention is given to interdisciplinary research. The institute has an excellent placement record with a number of top-ranking companies visiting the campus every year.



S.M. Technologies Pvt. Ltd.

SM Heights 'A-2, Plot no.28, Shilpa society, Near Manish Nagar T-point, Somalwada, Nagpur, Pin code-440015
Contact 8485841789

Electronics and Communication Engineering Department:

The department of Electronics and Communication Engineering at Vaagdevi College of Engineering College has a top-level quality assessment rating for teaching and reputation for research among the B.Tech colleges in Warangal. It is established since the inception of the VCE College with the avowed intent and creating highly qualified engineers and researchers who can give a substantial contribution to the field of electronics and communication engineering. This department has strength of around a thousand students guided by a team of devoted and diligent staff members. Several postgraduate programs are offered by the department. The PG program includes DSCE, VLSI system design and WMC. The laboratories are at par with top engineering colleges in regards to maintenance and include VLSI design lab, DSP lab, Microwave engineering lab, Communication systems lab, MP&MC lab, linear & digital IC lab and other basic electronics labs.

This Memorandum of Understanding entered into on dated 2/12/2020 between Department of Electronics & Communication Engineering of Vaagdevi College of Engineering and SM Technologies Pvt. Ltd., an organization imparting and offering educational courses, workshops & training to staffs and students.

Here are the proposed activities:

1. Workshops, Seminar & Guest Lectures.
2. Jointly submit the proposal to Govt. of India for funding of R & D projects.
3. Testing and Measurement of RF System and RF Blocks.
4. Project guidance to Polytechnic/ B.E or B.Tech./M.Tech /Ph.D students.
5. SMT will guide research fellows in their projects.
6. Provide industry focused Skill Development Programs for third and final year students.
7. Summer/Winter Internship.
8. Industrial Visit & Industrial Training.
9. Training and Placement.
10. Faculty Development Program.



S.M. Technologies Pvt. Ltd.

SM Heights 'A-2, Plot no.28, Shilpa society, Near Manish Nagar T-point, Somalwada, Nagpur, Pin code-440015
Contact:8485841789

Electronics & Communication Engineering Department, VCE Warangal and SM Technologies Pvt. Ltd., Nagpur are thankful to **Dr. Jitesh Shinde**, Assistant Professor, ECE, VCE Warangal for initiating and coordinating this MoU.

Term and Termination:

This MOU will become effective from the date of signature by both the parties and it will remain valid for period of **two years**. This agreement may be terminated by either party with advance written notice of **one month**.

Schedule & Payment Terms:

The schedule and fees will be mutually decided by both the parties, i.e., SM Technologies and Department of Electronics & Communication Engineering of Vaagdevi College of Engineering.

IN WITNESS WHEREOF, the parties here to have caused this agreement to be executed by their duly authorized representatives effective as of the effective date.

Signed and Dated on: 02/12/2020

For Vaagdevi College of Engineering

Prof. K. Prakash
Principal



03/12/2020

For SM Technologies Pvt. Ltd.

Ms. Neeta Hadke
HR Manager



Memorandum of Understanding
Between
Department of Electrical and Electronics Engineering
Vaagdevi College of Engineering (VCE)
&
Pantech ProEd Pvt Ltd

This Memorandum of Understanding (MOU) establishes a type of partnership between Pantech and VCE-EEE.

Pantech ProEd Pvt Ltd is best known for manufacturing and marketing of high-quality, state-of-the-art Engineering Lab Equipments and Electronic Hobby Kits. Its products are delivered across the globe and many satisfied customers are the best guarantee of its first-rate service.

VCE-EEE ensure high standards to educate enrich and excel in imparting professional education, by top quality faculty who endeavors to mould the students into socially responsible professionals through creative team work, innovation and research.

Together, we enter into this Memorandum of Understanding to promote Research, Workshops, Guest Lectures, Internships and Projects. Accordingly, Pantech and VCE-EEE operating under this MOU agree as follows:

PURPOSE AND SCOPE

Pantech and VCE describe the intended results or effects that the organizations hope to achieve, and the area(s) that the specific activities will cover.

Benefits to VCE:

- Job Oriented Training, Practical Oriented Sessions
- Real Time Projects and Guest Lectures
- Research Support and Internships

TERMS OF UNDERSTANDING

The term of this MOU is for a period of 5 years with effect from 17/12/2019. This MOU can be extended and cancelled upon written mutual agreement.

Authorization:

Department of Electrical & Electronics Engineering at Vaagdevi College of Engineering

Name and Signature: *Dr. Y. Harish Kumar* *Harish* **Head of the Department**
ELECTRICAL & ELECTRONICS ENGINEERING
Vaagdevi College of Engineering,
Bollikunta, Warangal (U) T.S. 506005

Partnering Organization: **Pantech ProEd Pvt Ltd**

Name and Signature: *J. Jay (SRINIVASAN)*
Director

Pantech ProEd Private Ltd

4th Floor, Delta Chambers, Ameerpet Circle, Near J.C. Brothers, Ameerpet, Hyderabad - 500 016. Phone : 040 - 40077960
E-mail : hyd@pantechmail.com www.pantechproed.com Tamilnadu | Andra Pradesh | Kerala | Maharashtra



**MEMORANDUM OF UNDERSTANDING
BETWEEN
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VAAGDEVI COLLEGE OF ENGINEERING (VCE)
&
VVE TRANSFORMERS PVT. LTD.**

This Memorandum of Understanding (MOU) establishes a type of partnership between VVE and VCE-EEE.

VVE has been standing out among its competitors by transcending beyond the expectations of the market under the able guidance of Mr I.Narayana Rao who has served the industrial sector with his prowess expertise in Design, Manufacture and testing of transformers and his undying spirit to work towards a better change has helped the organization and the industry to set new benchmark standards.

VCE-EEE ensure high standards to educate enrich and excel in imparting professional education, by top quality faculty who endeavors to mould the students into socially responsible professionals through creative team work, innovation and research.

Together, we enter into this Memorandum of Understanding to promote Industrial Visits, Internships and Projects. Accordingly, VVE and VCE-EEE operating under this MOU agree as follows:

PURPOSE AND SCOPE

VVE and VCE describe the intended results or effects that the organizations hope to achieve, and the area(s) that the specific activities will cover.

Benefits to VCE:

- Job oriented training, Practical Oriented Sessions
- Real time projects and Industry Visits

TERMS OF UNDERSTANDING

The term of this MOU is for a period of 5years with effect from 17/12/2019. This MOU can be extended & cancel upon written mutual agreement.

Authorization:

Department of Electrical & Electronics Engineering at Vaagdevi College of Engineering

Name and Signature: *Dr. Y. Haneeb Kumar Haneeb*
Designation: *Assoc. Prof & Head - EEE*
Partnering Organization: **VVE Transformers Private Limited.**

Name and Signature: *I. Vinod Kumar, G.C.O*
Designation:



MEMORANDUM OF UNDERSTANDING (MoU)
BETWEEN



CHANDRADEEP SOLAR RESEARCH INSTITUTE
(Registered under NITI Aayog, Govt. of India)
(Recognised by Ministry of Science & Technology, Govt. of India)
(Recognised Research Institute under Dept. of Mass Education, Govt. of West Bengal)
(Registered under 80G & 12AA of the Income Tax Act, 1961)

Head Office: Kolkata, India
Ph. No.: +91 9330280381
Email: chandradeepsolar2005@gmail.com
Web: www.csrinstitute.co.in

Regional Office: S Family Residency, Kakatiya Colony, Hanamkonda, Warangal,
Telangana
Ph. No.: +91 9330280381

AND



VAAGDEVI COLLEGE OF ENGINEERING

Autonomous
Bollikunta, Khammam Road, Warangal Urban
Telangana State, INDIA

FOR

**ENTREPRENEURSHIP DEVELOPMENT, INTERSHIPS,
TRAININGS & PLACEMENTS
MEMORANDUM OF UNDERSTANDING**

**BETWEEN
VAAGDEVI COLLEGE OF ENGINEERING
AND
CHANDRADEEP SOLAR RESEARCH INSTITUTE**

THE AGREEMENT

This AGREEMENT made and entered into 15-December-2020 between M/s. **Vaagdevi College of Engineering**, located at **Bollikunta, Warangal**. (hereinafter referred to as the "INSTITUTION" which expression shall where the context so admits include its successors and permitted assigns) of one part

And

Chandradeep Solar Research Institute having its Head Office at Kolkata, West Bengal and Regional Office at Hanamkonda, Warangal, Telangana (hereinafter referred to as "ASSOCIATE" which expression shall where the context so admits include its successors and permitted assigns) of the other part.

The agreement is operated through The Principal of The INSTITUTION and Director of the ASSOCIATE. This proposal can be started at M/s. **Vaagdevi College of Engineering**, by the **Chandradeep Solar Research Institute**.

Terms & Conditions:

1. Nature of Relationship

- 1.1. This MOU is for collaboration between both parties, for mutual benefit, for many purposes set out in Annexure-I to enhance the quality of the educational experience for B. Tech Civil, Electrical, Mechanical and ECE Final Year students of the INSTITUTION.
- 1.2. This MOU shall be valid till the tenure of Internship, Training and Placement. Each party shall be at full liberty to terminate the collaboration with a notice period of ONE month.
- 1.3. Both parties shall take all reasonable steps to ensure successful completion of the collaboration and cooperate with each other duly carrying out the obligation agreed upon.

ANNEXURE- I

PURPOSE/ SCOPE OF THE COLLABORATION:

1. ASSOCIATE will undertake Internship, Training & Placement pertaining to the Solar Industry for Final Year B. Tech students under the joint guidance of INSTITUTE and ASSOCIATE.
2. ASSOCIATE will provide 100% of placement to all the trained students.
3. INSTITUTE will extend the services of their laboratories with Computers, Internet facilities for training on various Solar Technologies in view of training and placement.

EXECUTION TERMS:

- INSTITUTE will provide basic amenities like class room and computer laboratories for the training.
- ASSOCIATE will depute resource person to train the students at INSTITUTE premises.
- Resource person from the ASSOCIATE will provide the training for the students on various technologies pertaining to the Solar Industry.
- ASSOCIATE shall provide the 3 months internship to the students of INSTITUTE.
- ASSOCIATE shall divide the total allotted students in to two batches for effective training.
- ASSOCIATE will be responsible for 100% placement of the trained students.

PAYMENT TERMS:

Training services of ASSOCIATE would be compensated under these terms and conditions:

- 1) Training & Placement Charges per student:
 - (i) Rs.6,000/- (Rupees Six Thousand only) to conduct the Training & Placement.
 - (ii) A total of 40 (Forty only) students from Civil, Electrical, Mechanical and ECE of INSTITUTE will be a part of the training for the first batch.
 - (iii) The total amount to be paid for the first batch is Rs. 2,40,000 (Rupees Two Lakhs Forty Thousand only).
 - (iii) The number of students shall be increased for the subsequent years after successful training and placement of the first batch students.

- 2) Institute has to pay 25 % (i.e., Rs, 60,000) of the total amount as a First Instalment during the starting day of the training. The second instalment is 25 % (i.e., Rs, 60,000) of the total amount after Six Weeks of the Training. 50% payment (i.e., Rs, 1,20,000) will be done after successful completion of training and 100% placement of all the trained students. The same payment terms will be in force for the subsequent years based on the number of students.

**FOR CHANDRADEEP SOLAR
RESEARCH INSTITUTE**

Sandip Chattopadhyay

**Dr Sandip Chattopadhyay
Founder - Secretary
Chandradeep Solar Research Institute
Warangal 506011, Telangana**



**VAAGDEVI COLLEGE OF
ENGINEERING**

[Signature]

**PRINCIPAL
Vaagdevi College of Engineering,
Warangal, Telangana-506 005.**

| The ASSOCIATE | The INSTITUTION |
|---|---|
| CHANDRADEEP SOLAR RESEARCH INSTITUTE | VAAGDEVI COLLEGE OF ENGINEERING |
| Head Office: L-3/2, Regent Estate, Kolkata – 700092 Branch Office: Hanamkonda, Warangal 506011 | Bollikunta, Khammam Road Khila Warangal (Mandal) Warangal Urban-506005, Telangana |
| Contact detail: 9330280381 | Contact Details: 7799086969 |
| Email: chandradeepsolar2005@gmail.com | E-mails: principal@vaagdevi.edu. in info@vaagdevi.edu. in |
| www.csrinstitute.co.in | Web: www.vaagdevi.edu.in |