

MOU REF.:MOU-2018101A Rev 1

MOU Date 29th August, 2019

MEMORANDUM OF UNDERSTANDING

Between

MVSR Engineering College

Address:

Nadergul, Hyderabad 501510

And

MEPAC3 Engineering Solutions Pvt. Ltd.

Address:

Riviera Apartments, Flat No 302, 3rd Floor, Dwarakapuri Colony
Punjagutta, Hyderabad

THIS MEMORANDUM OF UNDERSTANDING (hereinafter referred to as “MOU”) is made and entered into by and between the MVSR Engineering College (hereinafter referred to as “College”), located at Nadergul, Hyderabad, Telangana.

And

MEPAC3 Engineering Solutions Pvt. Ltd., (hereinafter referred to as Institute), MEPAC3 Engineering Solutions Private Limited is an ISO 9001:2015 Certified Organization, Accredited by International Accreditation Organization (IAO of USA) and Affiliated with NIESBUD (National Institute of Entrepreneurship and Small Business Development), Ministry of Skill Development, Govt. of India providing a World Class Technical Training in various engineering disciplines to meet the current industry demand. MEPAC3 has expertise on almost all types of Micro Controllers, Leading Brands of Automation Devices which includes PLC, HMI, SCADA and Drives from SIEMENS, ALLEN BRADLEY, MITSUBISHI and SCHNIEDER.

WHEREAS, the parties to this MOU desire to establish a collaboration to conduct various technical trainings, seminars, workshops for students pursuing their Diploma/Graduate engineering courses in various streams in the College.



ARTICLES OF THIS MOU

1. Objectives of cooperation:

1.1 Institute:

- To provide training to the students, staff and faculty of college
- To conduct paid and free workshops and seminars
- To provide internship oriented long term courses to students
- Guidance and assistance on mini and major project developments
- Training on Soft Skills and Personality Development
- Resume Building and Assistance on Placement
- Supply and maintenance of Lab Infrastructure against separate agreement of supply and service. Rates for supply and services should be mutually agreed prior to any such services.
- Refurbishment and up-gradation of existing lab infrastructure against separated agreement of sales and service. Rates shall be mutually agreed prior to any such services.
- Award Participation Certificates to students upon successful completion of any paid workshop or training.

1.2 College:

- Provide infrastructure to conduct workshops and seminars in college
- Ensure necessary auditorium / seminar hall with working public address system
- Encourage and motivate students for their active participation into all such seminars and workshops
- Ensure payment in advance for all prior agreed paid workshops and programs.
- Ensure payment on time for all paid services which are prior agreed
- College motivates and ensures that minimum **50 Students per each workshops.**
- Total no of workshops per year 6-8 are guaranteed at agreed rate within this MOU.
- 3-4 workshops for III Year students and 3-4 Workshops for IV Year at above rate is ensured.
- College has to ensure any benefits of trainings/ workshops/seminars etc... are strictly limited to registered students of this college.



2. Rate Card for Workshops:

No	Workshop /Training Course Name	Duration	Eligibility	Fee / Student / participant
1	Technical Workshop on VFD (Variable Frequency Drive / AC Drives) and HMI (Human Machine Interface)-Siemens	3 Days (6 Hrs / day)	EEE, ECE & EIE	Rs. 750/-
2	Technical Workshop on Industrial Automation using PLC & SCADA – Siemens	3 Days (6 Hrs / Day)	EEE, ECE & EIE	Rs. 750/-
3	Technical Workshop on PCB Designing and Testing	2 Days (6 Hrs / Day)	EEE, ECE & EIE	Rs. 750/-
4	Technical Workshop on Robotics with Micro Controller	3 Days (6 Hrs / Day)	EEE, ECE & EIE	Rs. 750/-
5	Technical Workshop on Embedded Systems with 8051 Micro Controller	3 Days (6 Hrs / Day)	EEE, ECE & EIE	Rs. 750/-
6	Technical Workshop on Embedded Systems with Arduino Controller	3 Days (6 Hrs / Day)	EEE, ECE & EIE	Rs. 750/-

Rates for any other services not mentioned above will be agreed mutually before commencement of any such supply and/or services.

Any changes to above rates or this MOU has to be mutually agreed and signed by both the parties in agreeable manner or formal accepted letter by both the parties.

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3. Recommendation for Industrial Automation LAB Setup

No	Description of Equipment	EEE Automtation LAB Equipment Recommendation			1st Year Purchase Recommendation		
		Qty	U/Price	Total Price	Qty	Price	
1	<p>PLC Trainer Prototypes consisting of below modules:</p> <p>i) Conveyor Belt System</p> <p>ii) Pick & Place Robotic Arm System</p> <p>iii Automatic Bottle Filling Plant</p> <p><u>Specifications:</u></p> <p>Heavy duty Aluminum Base Frame with high torque motors and different sensors and switches including water tank assembly with necessary valves. Sensors, switches, motor's, electromagnetic actuators etc. Including installation training</p>	1	Set	115,013	115,013	1	115,013
2	<p>Siemens S7-200SMART PLC Training Kit to control all above Prototype Modules</p> <p>Consisting of:</p> <p>SIMATIC S7-200SMART, CPU ST40, STANDARD CPU, DC/DC/DC, ONBOARD I/O: 24DI 24V DC, 16DO 24V DC; POWER SUPPLY: DC24.4 - 28.8 V DC, PROGRAM/DATA MEMORY: 40KB</p> <p>Power Supply</p> <p>Aluminium Enclosure (MS Enclosure Powder coated will have reduction in price by Rs. 7000/-)</p>	1	Set	66,822	66,822	1	66,822
3	<p>Allen Bradley PLC Trainer Kit</p> <p>Consisting of:</p> <p>Allen Bradley MICRO LOGIC Series 1400 (20 inputs 12 outputs)</p> <p>Power Supply</p> <p>PLC SOFTWARE</p> <p>Aluminium Enclosure (MS Enclosure Powder coated will have reduction in price by Rs. 7000/-)</p>	1	Set	86,822	86,822		
4	<p>Mitsubishi PLC Programing Training Kit</p> <p>Consisting of:</p> <p>Mitsubishi PLC</p> <p>Power Supply</p> <p>PLC SOFTWARE</p> <p>Simulation Control Panel MS Powder Coated</p>	4	Set	25,000	100,000		
4	<p>Siemens LOGO! Plc Training Kits</p> <p>Consisting of:</p> <p>SIEMENS LOGO! PLC</p> <p>PLC SOFTWARE</p> <p>Enclosure MS Powder coated</p> <p>Control Panel</p>	6	Sets	17,382	104,291	4	69,528
5	<p>ABB AC Drive Consisting of:</p> <p>ACS 150 AC Drive Three Phase</p> <p>Simulation Control Panel MS Powder Coated</p>	4	Sets	41,667	166,667	1	41,667
5	<p>Induction Motor 3 Phase</p>	4	Sets	7,500	30,000	1	7,500
6	<p>Human Machine Interface (HMI)</p> <p>SIMATIC HMI, KTP400 BASIC, BASIC PANEL, KEY/TOUCH OPERATION, 4" TFT DISPLAY, 65536 COLORS, PROFINLT INTERFACE, CONFIGURABLE FROM WINCC BASIC V13/ STEP 7 BASIC V13, CONTAINS OPEN-SOURCE SOFTWARE, WHICH IS PROVIDED FREE OF CHARGE</p> <p>With Base Frame MS Powder Coated</p>	4	Sets	36,617	146,467	1	36,617
			TOTAL		816,081		337,145

Specific Terms & Conditions applicable for LAB Setup

- 1 Equipment manufacture/fabrication in accordance to industry standard
- 2 All necessary quality assurances are done prior to delivery by our quality team
- 3 Payment terms has to be agreed
- 4 Training on equipment to two(2) Lab Supervisors Free of Charge
- 5 1.Year warranty included
- 7 Monthly "Preventive Maintenance" of all supplied equipment will be "Free of Charge" subject subject to agreement on MoU for at least 3 Years

4. Duration of this MOU:

This MOU shall be operational upon signing and will have an initial duration of 3 (Three) years effective from the date of signing of the MOU.

5. Confidentiality:

Both the parties shall maintain complete confidentiality of any information of the other, disclosed during the term of this M.O.U. In no event shall either party be liable for any indirect, incidental, special, consequential damages, including, but not limited to, loss of profits, revenue, data or use, incurred by the other party in connection with, arising out of or under this M.O.U.

Neither this M.O.U., nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship.

6. Amendment:

This M.O.U. may not be amended without the prior written consent of both the parties.

7. Effective date of this MOU:

This M.O.U. will be effective for year(s) from Date..... This Agreement can be renewed based on mutual convenience.

8. Indemnity:

Each of the parties shall defend, indemnify and hold the other party harmless from and against any claim, liability, loss, costs or expenses (including reasonable Attorney's fees) arising out of or resulting from the material breach of the provisions herein.

9. Assignment:

Neither party may assign their interest in this MOU without the written permission of the other party.

10. Jurisdictions:

Hyderabad, Telangana.

11. Conclusion:

This MOU consists of total 5 pages including this last page.

Signed by:
For MVSR Engineering College

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Name: C.V.G. Krishna Rao

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Designation: Asst. prof, H.E.E.D.

Signed by:
For MVSR Engineering College

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Name: Dr. G. KANAKA DURGA

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Designation: Principal

Signed by:
For MEPAC3 Engineering Solutions Pvt. Ltd

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Name: Obedulla Bin Abdulla

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Designation: Managing Director

