



**Industry Institute Interaction Cell (2023-24)**

**List of MoUs**

S. No	Name of the Industry/Institute/Organization	Title/Purpose	Beneficiaries	Date	Duration	Status	Faculty-in-charge	Industry/Institute/Training Centre	National/International
1	SmartBridge Educational Services Pvt Ltd, Hyderabad	Online Internship in the form of Externship	CSE-DS/Collage	19-03-2024	1 Year	Active	Dr C Yuvaraj/Dr Kusuma	Training Centre	National
2	Government Tool room and Training	Intership , Traning, Project, Research, Startup	Mech	05-03-2024	3 Years	Active	Dr C Yuvaraj/Dr Kusuma	Industry	National
3	Ravuru Tech Pvt Ltd, Bangalore	Intership , Traning, Project, Researchh, Startup	CSE-DS	25-01-2024	2Years	Active	Dr Kusuma	Industry	National
4	Computational Intelligence Research Foundation – CIRF, Chennai	Seminar/Guest Lecture/Workshop/Industrial Visit/Internships	CSE-CS	21.02.2024	2Years	Active	Dr. S. V. S. Ganga Devi	Industry	National
5	Corizo Edutech Private Limited, Bangalore	Placement Training/Internships	CSE-CS	30.01.2024	1Year	Active	Dr. S. V. S. Ganga Devi	Industry	National
6	Csuite Tech Labs, Coimbatore	Seminar/Guest Lecture/Workshop/Industrial Visit/Internships/Placement	CSE-CS	20.01.2024	10Years	Active	Dr. S. V. S. Ganga Devi	Industry	National
7	Gyaanatrix Technologies Pvt Ltd	Intership , Traning, Project, Researchh, Startup	CSE-CS	06-01-2024	2 Years	Active	Dr. SVS Ganga Devi	Industry	National
8	Mirthbees Technology Solutions, Chennai	Intership , Traning, Project, Researchh, Startup	CSE-DS	18-11-2023	2 Years	Active	Dr Kusuma	Industry	National
9	ACIC Kalasalingam Innovation Foundation	Research, Training, Placement, Capacity Building Programs, Entrepreneurship and Innovation	All Departments	15-11-2023	5 Years	Active	Prof C Yuvaraj	Institute	National
10	ExcelR Edtch Pvt Ltd	Skill Development and Internship, Projects & Expert Lecture	CST	12-10-2023	2 Years	Active	Dr M Sree Devi	Training Centre	National
11	Altsense Technology Services, Chennai	Training, Project works, Internship, Product development	CSE-DS	09-10-2023	2 Years	Active	Dr Kusuma	Institute	National
12	ASIA University, Taiwan	Expertise sharing, Skil training,	All departments	07-07-2023	5 Years	Active	Prof C Yuvaraj	Institute	International
13	Asia Management Collage, Asia University	Expertise sharing, Skil training,	MBA	07-07-2023	5 Years	Active	Prof. Sreemanth Basu	Institute	International
14	Decibels	Training, Lectures, Skill Development	EEE	03-07-2023	5 Years	Active	Dr A V Pavan Kumar	Industry	National

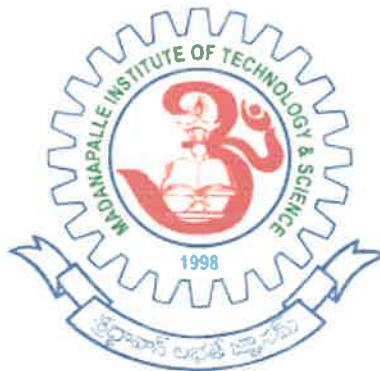
# **MEMORANDUM OF UNDERSTANDING**

**BETWEEN**



**SmartBridge Educational Services Pvt. Ltd.  
("SmartBridge")**

**AND**



**Madanapalle Institute of Technology and Science  
(UGC – Autonomous Institution)**

**FOR IMPLEMENTING CAREER READINESS  
PROGRAMS**



This Memorandum of Understanding ("MOU") is effective from the date of signatures below ("19-Mar-2024"); hereinafter, each a "Party" or together, "the Parties". **SmartBridge Educational Services Pvt Ltd** will be referred as 'First party' and **Madanapalle Institute of Technology and Science** will be referred as 'Second party'.

The Parties have been discussing a proposed collaboration for implementing "**Career Readiness Programs**" ("Collaboration Areas").

#### **WHEREAS:**

A. SmartBridge Educational Services Pvt Ltd is an EdTech company which offers outcome based experiential learning programs on emerging technologies for building skills for students bringing academia (faculty), technology partners and students together through career readiness programs (technology bootcamps, hands on training programs etc.) for students by partnering with institutions.

B. SmartBridge Educational Services Pvt Ltd also represents that it has necessary skills, technology, infrastructure and partner engagement with leading technology industry partners (viz., IBM and Google through training and certification among other partners) that offer Externship Programs (defined later), though experiential learning to Students which provide them direct experience through which students can use analytical skills and apply new ideas from their experience in their classroom learning. These experiential learning includes externships, guided projects, build-a-thons and provides practicum opportunities to the students.

C. Madanapalle Institute of Technology and Science based on the aforesaid representations of the First party, has expressed its interest as an institution to avail the career readiness programs for the students.

D. The Parties now wish to collaborate with each other, to equip Students of college, with skills through externships & guided projects in leading technology areas offered by industry partnerships facilitated by the First party, as per the terms and conditions mentioned herein.

NOW, THEREFORE, in consideration of the foregoing, benefits and covenant contained herein and for other good and valuable considerations, the Parties, intending to be legally bound, hereby agree as follows:

#### **A. SCOPE OF WORK.**

Both the Parties are desirous to collaborate with each other to prepare the students as per the industry requirements and enhance their employability. The First party will organize the job preparedness programs indicated below for college students and assist them in obtaining internships and placements.

**Externship Programs:** Externship program is an industry-approved, hands-on learning opportunity for students to gain employment skills. Hands-on training, guided projects, and mentor assistance are all included in the curriculum to help students comprehend technology and apply it to real-world use cases. The following are a few examples of externships.

<b>Externship Program</b>	<b>Industry Partner</b>
Artificial Intelligence Developer	Google
Machine Learning Engineer	Google
Android Application Developer	Google
Data Analyst	IBM
Cyber Security Analyst	IBM
Cloud Application Developer	IBM
Full-stack Developer	MongoDB
MongoDB Admin / Developer	MongoDB
Salesforce Platform Developer	Salesforce
Salesforce Platform Administrator	Salesforce
Backend Developer	VMware
Software Tester	Katalon

Externship programs are suitable for the students in their early years of graduation to choose right career path and to build their profile. Any externship to start there should be minimum of 60 students

More details are available at: <https://smartinternz.com/externship>

a. **Guided Projects:** Guided projects are hands-on project exercises to learn & apply technology concepts. Guided projects include the step-by-step instructions in text or video format to follow and develop the entire project. Guided projects are real-world usecases from various business domains such as healthcare, finance, retail, supply chain, energy etc. and they are also categorized based on complexity (i.e., Basic, Intermediate, Advanced)

Refer the link for more details: <https://smartinternz.com/guided-projects>

b. **Challenges / Project Build-a-Thons:** Challenges or Project build-a-thons are industry sponsored programs to upskill the students in emerging technologies. These programs are organized in partnership with companies like IBM, Google, VMware, Tableau, MongoDB etc. The build-a-thon includes e-learning, hands-on bootcamps and mentor guided project development.

Find more details about build-a-thons at: <https://smartinternz.com/challenges>

Both the parties agree to execute above programs for the students of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year of graduation during the respective academic year. The First party provides internship / placements support to the top performing students as per the First party's policy.

## **B. ROLES & RESPONSIBILITIES:**

### **A. FIRST PARTY'S ROLE & RESPONSIBILITIES:**

- a. Sign MoU with college to implement the career readiness programs
- b. Organize orientation session of SmartBridge's offering to Students & Faculty
- c. Create a college workspace on SmartInternz platform to on-board the students
- d. Enrolling the students to the platform
- e. Enrolling students to Academic Initiatives of companies
- f. Extend the company sponsored project build-a-thons to students & faculty
- g. Organize externship programs for the students
- h. Assign expert mentors to guide the students
- i. Share the latest industry trends with students
- j. Create awareness on industry certifications
- k. Extend the internship opportunities to the students
- l. Mentor the students participating in national & global hackathons

### **B. COLLEGE'S ROLE & RESPONSIBILITIES**

- a. Sign the MoU with First party to implement the career readiness programs
- b. Assign a SPOC to drive the SmartBridge programs in the campus
- c. If possible, Include Externship program as part of curriculum / credit framework
- d. Facilitate the orientation sessions for students & faculty
- e. Enroll the students in Academic Initiatives of companies
- f. Enroll the students in industry sponsored build-a-thons
- g. Support the First party in organizing the Internship drives

### **C. COMMERCIALS & PAYMENT TERMS:**

There is no financial commitment on the part of the Madanapalle Institute of Technology and Science, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately

### **D. TERM & TERMINATION OF AGREEMENT:**

This agreement will be reviewed, and may be modified or amended, through the mutual agreement of the signatory parties, as may be necessary to clarify and formalize roles, responsibilities, timelines, and assurances regarding the scope of work.

The agreement can be dissolved at any time after one year from the date of entering into this agreement by mutual consent of the parties, in which event the parties shall proceed with reasonable promptness to settle the accounts of the partnership as per the outlined guidelines.

### **E. GENERAL**

#### **a) Title headings, Complete and Amendments:**

This Agreement (together with annexures) sets out the complete and entire understanding between the Parties regarding the subject matter contained herein and supersedes all prior proposals, understandings, or other agreements, oral and written, between the Parties regarding the subject matter contained herein, and may only be modified or amended by written agreement of the Parties. The title headings used in this Agreement are for reference purposes only and shall not be deemed to be part of this Agreement.

#### **b) Assignment**

The College cannot assign all or part of its obligations under this Agreement except to affiliate entities without the prior written consent from First party. Unless otherwise stated, this Agreement will continue in full force during the Term of the Agreement. Any attempted assignment in violation of this clause shall be void. Subject to the foregoing, this Agreement shall be binding upon and shall inure to the benefit of both Parties, their successors, administrators, legal heirs and assigns.

#### **c) Waiver:**

Waiver of any breach of this Agreement is not a waiver of any other or subsequent breach of this Agreement. No waiver of any provision of this Agreement by a Party shall be effective unless it is in writing and signed by such Party.

#### **d) Severability:**

If any provision of this Agreement shall be found to be illegal or unenforceable by a court of competent jurisdiction, such term or provision of this Agreement will be amended to give effect to the eliminated provision to the maximum extent possible. If the court determines such action is not feasible, then any such provision shall be severable, and the remainder of this Agreement shall continue to be given full force and effect. The rest of the Agreement will remain in effect and this

#### **e) Notices:**

All notices, requests, consents and other communications hereunder shall be in writing and shall be delivered in person or by registered or certified mail, return receipt requested, postage and fees prepaid, or by overnight courier, receipt signature required, or by electronic mail addressed to the designed email ID's or by telex transmission, with verification of the transmission received by the sender, to the Parties as set forth below or at such other place as either Party may, by written notice to the others.

#### **f) Publicity.** College acknowledges and agrees that during and after the term of this Agreement, College's name, logo, URL, web site screen captures, and description in the First party's marketing, publicity, and promotional activities and materials, including, but not limited to, press releases, marketing collateral, and print, radio and television advertisements or any media whatsoever.

- g) **Governing Law and Dispute Resolution.** This Agreement shall be governed by and construed in accordance with the Indian laws. Any dispute, or disagreement arising out of this Agreement, and obligations thereunder (each a "Dispute") shall be communicated in writing to the other party within ten (10) days of the occurrence of the event giving rise to such dispute. The Parties shall first settle such Dispute, if any between its senior management team in good faith within fifteen (15) days from date of receipt of notice relating to the Dispute. If the senior management team is unable to settle the Dispute, the Parties would refer to the competent courts of Telangana, India.
- h) **Counterparts:** This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF through their authorized representatives executed these presents and affixed Common Seals of their companies, on the day, month and year first mentioned above.

Signed for and on behalf of <b>SmartBridge Educational Services Pvt Ltd</b>	Signed for and on behalf of <b>Madanapalle Institute of Technology and Science</b>
By:  	By:  
Authorized Signatory	Authorized Signatory
Mr. Amarendar Katkam	Dr C Yuvraj
Name	Name
Founder & Chief Executive Officer	Principal
Designation	Designation
19 <sup>th</sup> Mar 2024	19 <sup>th</sup> Mar 2024
Date	Date
<b>Address for communication:</b> 6th floor, Sundarayya Vignana Kendram, Technical Block, Madhava Reddy Colony, Gachibowli, Hyderabad, Telangana 500032  Email: <a href="mailto:info@thesmartbridge.com">info@thesmartbridge.com</a>	<b>Address for communication:</b> Kadiri Road Angallu Village, Madanapalle, Andhra Pradesh, 517325  Email: <a href="mailto:principal@mits.ac.in">principal@mits.ac.in</a>

## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



**Madanapalle Institute of Technology & Science (MITS)**  
AND  
**Government Tool Room and Training Centre, Bangalore**



This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 05<sup>th</sup> day of March Month, 2024 by and between.

**Madanapalle Institute of Technology & Science (MITS)**, the First Party represented herein by its Principal, Dr. C. Yuvaraj and **Government Tool Room and Training Centre, Bangalore**, the Second party, and represented herein by its **Deputy General Manager - Training**.

WHEREAS:

**A) First Party is a Higher Educational Institution named: Madanapalle Institute of Technology & Science (MITS),**

**B) 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.**

**C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Assist in Placement, Industrial Visit, Expert Lecture.**

**D) Government Tool Room and Training Centre, Bangalore, - the Second Party is engaged in Training activities.**

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 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and assist in 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 **Madanapalle Institute of Technology & Science (MITS)**, 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

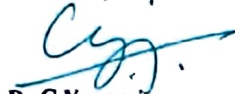
3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

### CLAUSE 4

### RELATIONSHIP BETWEEN THE PARTIES

5.1 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



**Dr C Yuvaraj**  
Principal

Madanapalle Institute of Technology &  
Science (MITS)  
Post Box No: 14, Kadiri Road  
Angallu (V), Madanapalle-517325  
Annamayya District, Andhra Pradesh, India



  
T. G. Ravi Kumar

Second Party



**Dr. Ramesh N.**

**Deputy General Manager - Training**  
Govt. Tool Room & Training Centre  
Rajajinagar Industrial Estate,  
Bengaluru-560010



1)

  
Ashok Walikar  
Nodal Officer.  
GTTC



**Ravuru Tech Pvt Ltd**

#212, Adithya Lujoso, Varthur, Bangalore, Karnataka, India – 560087

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# **MEMORANDUM OF UNDERSTANDING (MOU)**

**BETWEEN**

**Madanapalle Institute of Technology and Science  
(Autonomous)**

**Department of Computer Science and Engineering  
(Data Science)**

**AND**

**RAVURU TECH PRIVATE LIMITED, Bengaluru**



**Ravuru Tech Pvt Ltd**

#212, Adithya Lujoso, Varthur, Bangalore, Karnataka, India – 560087  
Office Phone: +91 8985077766  
Mail Us: ravurutech@outlook.com

## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this **25.01.2024**.

### **BETWEEN**

**Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)), the First Party** represented herein by **Dr. S. Kusuma, Head of the Department - CSE - Data Science** (hereinafter referred as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

### **AND**

**Ravuru Tech Pvt Ltd, Bengaluru, the Second Party**, and represented herein by its Manager, (herein after referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).  
(First Party and Second Party are hereinafter jointly referred to as '**Parties**' and individually as '**Party**' )

### **WHEREAS:**

- A) First Party is a Higher Educational Institution named, Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)**
- B) 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.**
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training and Education.**
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing**





## **Ravuru Tech Pvt Ltd**

#212, Adithya Lujoso, Varthur, Bangalore, Karnataka, India – 560087

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their mutual interests.

- E) **Ravuru Tech Pvt Ltd, Bengaluru** - The Second Party specializes in providing engineering consultancy services, collaboratively conducting training programs for faculty and students, undertaking various project works, developing innovative products, and offering internship opportunities.

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 channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

### **CLAUSE 2 SCOPE OF THE MoU**

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness in core industry. Both parties believe that

**PRIVATE AND CONFIDENTIAL**

**Ravuru Tech Pvt Ltd – January 2024**



**Ravuru Tech Pvt Ltd**

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close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

- 2.2 **Industrial Training & Visits:** Industry and Institution interaction will give 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. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Seminar / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.3 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.4 **Internships and Projects:** It will be carried over.
- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.6 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.
- 2.7 **Faculty Sabbatical Programs:** Second Party to allow the faculty members of First Party for working alongside the engineers in the plant or company for a minimum period of three months for exposure to industrial practices so they will be able train the students better as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.8 If industry rejects there will be a change in visiting according to company norms.



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- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein

### CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, estoppel or otherwise, create in either party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

### CLAUSE 4 VALIDITY

- 4.1 This MOU will be valid for at least **Two years** from the date of signing.
- 4.2 Both Parties may terminate this MOU upon two years in calendar notice in writing. In the event of termination, both parties have to discharge their obligations

### CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

- 5.1 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. Neither party is authorized to use the other party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other party, without the prior written consent of the other party. Neither party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other party, to pledge the other Party's credit, or to extend credit on behalf of the other party.

*Karuna*  
First Party

*J. S. J. Choudhury*  
Second Party



## Ravuru Tech Pvt Ltd

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Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of law.

### AGREED:

Madanapalle Institute of Technology and Science  
(Autonomous) Department of Computer Science  
and Engineering (Data Science)

Ravuru Tech Pvt Ltd, Bengaluru

*Kuruma S. KUSUM A*  
Authorized Signatory  
Department of CSE - Data Science  
Madanapalle Institute of Technology  
(MADANAPALLE - 517 520)  
(M. Ramnathan)

Witness:

*J. D. Jay*  
(CEO)

Authorized Signatory



# **MEMORANDUM OF UNDERSTANDING**

## **BETWEEN**

**COMPUTATIONAL INTELLIGENCE RESEARCH FOUNDATION - CIRF**

## **AND**

**DEPARTMENT of C.S.E. (CYBER SECURITY),  
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE,  
MADANAPALLE**

### **M1. MEMORANDUM of UNDERSTANDING**

**M1.1** This MEMORANDUM of UNDERSTANDING (MoU) is made and entered into force this **DEPARTMENT OF C.S.E. (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE** between **COMPUTATIONAL INTELLIGENCE RESEARCH FOUNDATION** having its office at 13, Ayanavaram Road, Venkatesapuram Colony, Ayanavaram, Chennai, TamilNadu – 600023. India, (Here in after called CIRF which expression shall where the context so admits include its successors and permitted assigns) as one part.

**M1.2.** MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE located at Madanapalle, Andhra Pradesh, represented by The HoD, Department of Computer Science & Engineering (Cyber Security), here in after referred to as the MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, which expression shall include its successors, legal heirs and assigns on the other part.

### **M.2. CIRF - COMPANY PROFILE**

#### **About Us**

Computational Intelligence Research Foundation (CIRF) is aim to be at the forefront of academic research, education and innovation, established in the year 2017, our corporate business office is located in No.13, Ayanavaram Road, Venkatesapuram Colony, Ayanavaram, Chennai, TamilNadu – 600023, CIRF is a Section 8 Company (Registered under Ministry of Corporate Affairs, Government of India). We're a 12A and NGO Darpan certified company. We have expertise who are all highly qualified and technically proficient staff to deliver the expected solution. Software development is carried out with a range of development methods, like Software Development, Mobile App Development, AI-based web application development, Web Design and Development, Knowledge Management Databases, Follow Agile Software Development Process, Extreme Programming that has helped reduce the development time significantly. We continue working on industry-university joint development with various engineering colleges and other prestigious universities at our development center in Chennai, India.

#### **Our Vision**

To contribute nation building through mentoring and innovation.





## **Our Values and Principles**

- Undertake product development activities in emerging thrust areas.
- Support higher education institutions to establish Innovation Ecosystem
- Introduce courses based on the Industry & Societal demands
- Collaborate with Institutions, research and development organizations and Industries.

**M2.1 Madanapalle Institute of Technology & Science** is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle. MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of Late Sri. N. Krishna Kumar M.S. (U.S.A), the then President and Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent of the Academy. MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The Institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the students' fraternity. MITS enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology. The primary **vision** of the college is to become a globally recognized research and academic institution and thereby contribute to technological and socio-economic development of the nation. The **mission** is to foster a culture of excellence in research, innovation, entrepreneurship, rational thinking and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice-based learning to the youth for success in their careers.

**M.3 MoU between CIRF and DEPARTMENT OF C.S.E. (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE.** After studying the strengths and objectives, CIRF and DEPARTMENT OF C.S.E. (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE agreed that they can share the expertise available at both ends for mutual benefits in the field of Placement, Internship, Industrial Visit, training, scientific and industrial research and enter in MoU. Based on the discussion held among the faculty of the DEPARTMENT OF C.S.E. (CYBER SECURITY) certain thematic areas/programmes have been identified for mutual collaboration.

The Memorandum of Understanding envisages the following:

**M.3.1 Collaborative technical and development activities in the fields of education and training are listed below.** The following activities will be carried out between CIRF and the DEPARTMENT OF C.S.E. (CYBER SECURITY).

1. To conduct a Seminar/ Guest Lecture/Workshop.
2. Industrial Visit
3. Training and Placement
4. Internships



**M.3.2** Industrial visits and project work for the students to be carried out at CIRF, if the training projects and infra- structure facilities available at CIRF, fits the requirement of the students of **DEPARTMENT OF C.S.E. (CYBER SECURITY)**.

**M.3.3.** CIRF and **DEPARTMENT OF C.S.E. (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE** shall share facilities such as computers, sophisticated equipment, instrument etc and library facilities according to rules and regulations of each institution. CIRF will not share computers or any other premises remotely with students or any member from Thiruthangal Nadar College.

**M.3.4** Organizing of conferences, Seminars, Symposia, Workshop and refresher courses for the students as collaborative effort at either CIRF, CHENNAI or at **DEPARTMENT OF C.S.E. (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE** based on availability of associate bandwidth.

#### **M.4 AMENDMENTS**

No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modification/changes shall be effective from the date on which they are made or executed, unless otherwise agree to.

#### **M.5 DURATION OF MoU**

The duration of this MoU shall be for **TWO YEARS** from the date of signing of the MoU. The MoU shall stand renewed automatically unless desired otherwise by either party.

IN WITNESS OF THE UNDERSIGNED, duly authorized there to, have signed this memorandum of understanding on **21-02-2024** in two originals.

#### **Contact Us**

Computational Intelligence Research Foundation (CIRF),  
No.13, Ayanavaram Rd,  
Venkatesapuram Colony,  
Ayanavaram,  
Chennai, Tamil Nadu - 600023

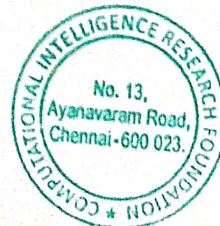
*S.V. S. Wj*

**HEAD OF THE DEPARTMENT  
DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING (CYBER SECURITY),  
MADANAPALLE INSTITUTE OF  
TECHNOLOGY & SCIENCE,  
ANGALLU, MADANAPALLE,  
ANNAMAYYA - 517325,  
ANDHRA PRADESH.**

Department of C.S.E. (Cyber Security)  
Madanapalle Institute of Technology & Science  
**MADANAPALLE - 517 325**

*[Signature]*  
**21 February 2024**

**DIRECTOR  
COMPUTATIONAL INTELLIGENCE  
RESEARCH FOUNDATION (CIRF),  
NO. 13, AYANAVARAM ROAD,  
VENKATESAPURAM COLONY,  
AYANAVARAM,  
CHENNAI - 600023,  
TAMILNADU.**



**Dr. D. DCREEN HEPHIZIBAH MIRIAM, M.E., Ph.D.,  
DIRECTOR**

**COMPUTATIONAL INTELLIGENCE RESEARCH FOUNDATION  
AYANAVARAM, CHENNAI-600 023.**







**CORIZO**

Empowering Tomorrow's Leaders

## MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of understanding (MoU) is drawn on 30-01-2024, between **CORIZO EDUTECH PRIVATE LIMITED**, there in after referred as the **FIRST PARTY** represented by Himanshu Singh at **CORIZO EDUTECH PRIVATE LIMITED**.

AND

**COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE** herein after referred as the **SECOND PARTY** represented by at **COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE** to jointly enter into an agreement for Placement, Recruitment & Internship Cooperation.

**CORIZO EDUTECH** and **COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY), MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE** are individually referred to as "Party" and collectively as the "Parties"

### PURPOSE OF MoU:

In particular, this MoU is intended to

- Conduct Personality Development Program. The major objective of campus placement is to identify the talented and qualified professionals before they complete their education. This process reduces the time for an industry to pick the candidates according to their need.
- Organize various Placement drives on building an opportunity to get placed.
- To prepare the students for different levels of selection process such as group discussions and one-to-one interviews
- To ensure that all eligible students are employed by the end of the final year of study a team of Placement.
- **CORIZO EDUTECH PRIVATE LIMITED** Start-up cell access to all the students at the said department, to start their entrepreneurial journey.

support@corizo.in

5th floor, VMF2+7FJ Classic Arena,  
Hosur Rd, AECS Layout - A Block,  
Singasandra, Bengaluru, Karnataka 560068.







**CORIZO**  
Empowering Tomorrow's Leaders

- **CORIZO EDUTECH PRIVATE LIMITED** will also provide the members for the start-up cell with a dream team to guarantee their success.
- Giving access to students' databases for RECRUITMENT usage.
- Students are offered the option to apply for campus placement at the end of the third year, while the other options are advancement to higher studies / becoming an entrepreneur. Its preference fast lines the student into his potential.
- The Rigorous placement preparation is given only to those who have chosen for campus recruitment.
- This is worth noting that all students attend the same training courses, irrespective of the choices they may select, before the third year. Such an approach to the training programs ensures that all students are to some extent whipped into employability".

**NOW THEREFORE, IN CONSIDERATION OF THE  
MUTUAL PROMISES SETFORTH 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 channels of communication and co-operation that will promote and advance their respective operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The co-operation between First Party and Second Party will facilitate effective utilization of the intellectual capabilities of the Second Party providing significant inputs to them in developing suitable teaching/ training systems, keeping in mind the needs of the First Party.

support@corizo.in

5th floor, VMF2+7FJ Classic Arena,  
Hosur Rd, AECS Layout - A Block,  
Singasandra, Bengaluru, Karnataka 560068.







## Clause 2

### SCOPE OF THE MoU:

- 2.1 Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge.
- 2.2 The Second Party will give valuable inputs to the First Party in teaching/ training methodology so that the students fit into the industrial scenario meaningfully.
- 2.3 The interaction between Industry and Community College Centre will give 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. The industrial training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs/ Workshops/ Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 The Second Party will train the students of the First Party on the emerging technologies in order to bridge the gap in skill and make them ready for industry.
- 2.5 The Second Party will extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.6 The Second Party will actively engage to help the delivery of the training and placement of students of the First Party into internships/jobs.

support@corizo.in

5th floor, VMF2+7FJ Classic Arena,  
Hosur Rd, AECS Layout - A Block,  
Singasandra, Bengaluru, Karnataka 560068.





**CORIZO**  
Empowering Tomorrow's Leaders

### Clause 3

#### **VALIDITY:**

- 3.1 The validity of the agreement is one year from the date of agreement.
- 3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

#### **AGREED:**

For CORIZO EDUTECH PRIVATE LIMITED

For COMPUTER SCIENCE AND  
ENGINEERING (CYBER SECURITY),  
MADANAPALLE INSTITUTE  
OF TECHNOLOGY & SCIENCE.

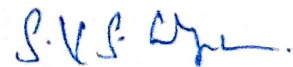


Authorized Signatory

Name: HIMANSHU SINGH  
Designation: CMO  
Date: 30-01-2024.

support@corizo.in

5th floor, VMF2+7FJ Classic Arena,  
Hosur Rd, AECS Layout - A Block,  
Singasandra, Bengaluru, Karnataka 560088.



**HEAD**

Department of C.S.E. (Cyber Security)  
Madanapalle Institute of Technology & Science  
MADANAPALLE - 517 325  
Authorized Signatory

Name: Dr. S. V. S. GangaDevi  
Designation: HoD, C.S.E.(CS)  
Date: 30.01.2024



# **MEMORANDUM OF UNDERSTANDING (MoU)**

**BETWEEN**

**Department of C.S.E (Cyber Security)  
Madanapalle Institute of Technology & Science,  
Madanapalle**

**&**

**CSUITE TECH LABS, Coimbatore**



## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this 20<sup>th</sup> January, 2024 (20.01.2024)

### **BETWEEN**

Department of Computer Science and Engineering(Cyber Security), Madanapalle Institute of Technology & Science, Angallu, Madanapalle – 517325, Andhra Pradesh , the First Party represented herein by its Head of Department, Computer Science and Engineering (Cyber Security) Dr. S. V. S. Ganga Devi ,(hereinafter referred as 'First Party (Madanapalle Institute of Technology & Science)', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

### **AND**

CSUITE TECH LABS., Plot.66, Kumaragam, Srivari Gardens, SS Palayam, Kurumbapalayam, Coimbatore, Tamilnadu - 641107 the Second Party, and represented herein by its Founder Mr. Mani Bharathi Karunakaran, (here in after referred to as "Second Party (CSUITE TECH LABS)", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in- office, administrators and assigns).

(First Party and Second Party are herein after jointly referred to as 'Parties' and individually as 'Party')



## WHEREAS:

- A) First Party is a Higher Educational Affiliation Institution named:
  - (i) **Department of Computer Science and Engineering  
Madanapalle Institute of Technology & Science**
- B) 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.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MoU for advancing their mutual interest;
- E) **CSUITE TECH LABS.,** the Second Party is engaged in IT consulting, web applications and outsourcing services through an optimized technique. It focuses on delivering business solution by modernizing, consolidating the critical applications that support client business processes.
- F) Give related information, its branches, and dimensional information about the industry concerned with whom the MoU is sworn.

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

## CLAUSE 1 CO-OPERATION

Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.

The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.



## CLAUSE 2 SCOPE OF THE MoU

### PREAMBLE

**CSUITE TECH LABS** and the **Department of Computer Science and Engineering (Cyber Security)**, **Madanapalle Institute of Technology & Science** which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefits and growth, on the areas specified here under:

1. Curriculum Design
2. Industrial Training & Visits
3. Internships and Placement of Students
4. Research and Development
5. Skill Development Programs
6. Guest Lectures
7. Faculty Development Programmes
8. Technical Session
9. Project Work
10. Sponsored Projects
11. Problem Solving and Consultancy
12. Studies and Surveys
13. Industry Driven One Credit Courses
14. Placement Assistance

### Terms Agreed

The budding graduates from the institutions could play a key role in technological upgradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

**Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum of Department of Information Technology so that the students fit into the industrial scenario meaningfully.

**Industrial Training & Visits:** Industry and Institution interaction will give 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. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.

**Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of IT students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.



**Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of – Cyber Security, Digital Forensics, AI-ML, Data Science, Block Chain, Quantum Computing, Disruptive Technologies, IoT, FinTech, Digital Marketing, Business Intelligence Analytics, VAPT, Technical Programming, SQL, Hadoop, Python Automations, Web Apps etc.,

Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science shall take the skills, expertise from CSUITE TECH LABS if necessary for carrying out various technical requirements while implementing state of the art technology projects in the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science campus. The cost of consultation will be decided based on Software Technologies Projects taken up from the external agencies or the development of new state-of-the-art technology missions.

**Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.

**Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.

**Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.

**Technical Sessions:** CSUITE TECH LABS will facilitate and arrange technical sessions and guest lectures on mutual consent, to students periodically to get them motivated to become successful IT professionals and vice versa; the Institution will provide expertise and its facilities to CSUITE TECH LABS.

**Project Work:** CSUITE TECH LABS may allow students of the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment. CSUITE TECH LABS shall offer research projects to the Under Graduate students of Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science for a period agreed upon every year. Technical Personal each from CSUITE TECH LABS and Madanapalle Institute of Technology & Science shall guide their research projects as and when required.

**Sponsored Projects :** Apart from providing training to the students, CSUITE TECH LABS shall sponsor projects to the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science based on the research requirements of students. The cost will be decided at the time of project being sponsored by both the parties.

**Problem Solving and Consultancy:** Problems identified in thrust areas during the course of interaction between the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science and CSUITE TECH LABS, will be addressed through collaborative work between the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science and CSUITE TECH LABS for further research and consultancy. The cost of consultation can be decided at the time of work or project being taken mutually by both parties and in consultation with Principal.



**Studies and Survey:** CSUITE TECH LABS may provide opportunities and inputs to the students of the Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science to undertake field studies and provide inputs for surveys related to the field of information technology development, designing and digital marketing.

**Industry driven One Credit Courses:** CSUITE TECH LABS may depute senior experts to offer one credit courses for the students of Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science. The Experts will be involved in develop in the syllabus and conducting the coursed to the students in the advanced technologies.

**Placement Assistance :** As and when deemed necessary, CSUITE TECH LABS may provide placement opportunities to the students of Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science. Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein.

**Miscellaneous:** In addition to the tasks discussed above, the collaboration shall also include the following:

Interaction with working groups of the industry so as to increase the student as well as Staff knowledge and skill level.

Offering Technical expert lectures from one side to the other.

Offering valuable inputs to the institution as feedback from the Industrial sector in respect of latest Technological development in the area of interaction.

Offering guidance for suitable placement for students.

**Exchange of Information and Documents:** Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science and CSUITE TECH LABS shall arrange for the exchange of information and documents concerning matters of common interest.

**Technical Co-Operation:** Whenever desirable, Department of Computer Science and Engineering (Cyber Security), Madanapalle Institute of Technology & Science and CSUITE TECH LABS may seek each other's technical co- operation with a view to promoting the development of collaborative activities in field of common interest.

**Amendments:** Both parties may request the present Memorandum of Understanding be amended. Any such amendments shall be adopted by mutual consent. Whenever required, an exchange of letters will detail the implementation of the article.

### **CLAUSE 3 INTELLECTUAL PROPERTY**

3.1 Nothing contained in this MoU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

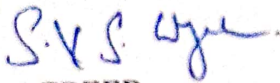
### **CLAUSE 4 VALIDITY**

This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period CSUITE TECH LABS., the Second Party, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of CSUITE TECH LABS., the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU. Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.



## CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 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. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.



AGREED

Department of C.S.E. (Cyber  
Security)

Madanapalle Institute of  
Technology & Science



AGREED

CSUITETECHLABS  
COIMBATORE



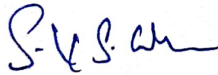
Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Trichy.

**AGREED**

For and Behalf of  
Department of C.S.E (Cyber Security)  
Madanapalle Institute of  
Technology and Science,  
Madanapalle, Annamayya  
Andhra Pradesh - 517325

**AGREED**

For and Behalf of  
CSUITE TECH LABS  
Plot.66, Kumaragam,  
Srivari Gardens, SS Palayam,  
Kurumbapalayam, Coimbatore,  
Tamilnadu - 641107



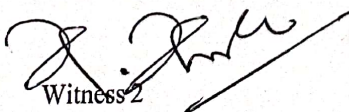
Dr. S. V. S.  
Gangadevi  
HoD/C.S.E.(CS)

**HEAD**

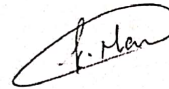
Department of C.S.E. (Cyber Security)  
Madanapalle Institute of Technology & Science  
**MADANAPALLE - 517 325**



Witness 1



Witness 2



Mr. Mani Bharathi Karunakaran  
Founder & CEO



Witness 1



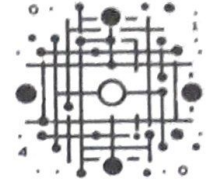
Witness 2

# Gyaantrix Technologies Private Limited

CIN: U62011AP2023PTC112954

2-F-250 Dwaraswami row  
house Madanapalle, AP.517325  
IN.

Contact: 9346977071



## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Gyaantrix Technologies Private Limited**  
**AND**

**Department of Computer Science & Engineering (Cyber Security), MITS**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 6<sup>th</sup> day of January 2024 by and between Gyaantrix Technologies Private Limited and Department of Computer Science & Engineering (Cyber Security), MITS Madanapalle.

**Gyaantrix Technologies Private Limited**, engaged in **IT Services & Products** the First Party, herein represented by Desai Rohith Reddy, Founder.

**Department of Computer Science & Engineering( Cyber Security ) of Madanapalle Institute of Technology & Science** The Second Party , herein represented by Dr. S.V. S. Ganga Devi, Head of the Department of Computer Science & Engineering (Cyber Security).

WHEREAS:

A) First party is engaged in IT Services and Products named **Gyaantrix Technologies Private Limited**

B) 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.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D **Madanapalle Institute Of Technology & Science** – the second Party is engaged in Higher Education

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 First party to permit the Faculty and Students of the Second Party to visit its group companies and also involve in Industrial Training Programs for the Second Party. This will provide confidence & smooth transition for students work. Also the first party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: First Party to extend the necessary support to deliver guest lecturers to the students of the Second Party on the technology trends and in house requirements.

2.3 Internship and Placement of trained students: First party will actively engage to help the delivery of the internship, training and placement of the students of the Second Party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Gyaantrix Technologies Private Limited**, 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

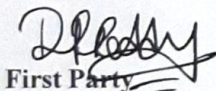
## VALIDITY

3.1 This Agreement will be valid for the duration of two years and may be terminated at any time before its conclusion upon mutual agreement by either party.

## CLAUSE 4

## RELATIONSHIP BETWEEN THE PARTIES

5.1 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

Desai Rohith Reddy

Founder

Gyaantrix Technologies Private Limited

  
Second Party

Dr.S.V.S. Ganga Devi

Head of the Department

(Computer Science & Engineering – Cyber Security)

Madanapalle Institute of Technology & Science

  
Principal  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE



**MEMORANDUM OF  
UNDERSTANDING (MOU)**

**BETWEEN**

**Madanapalle Institute of Technology and Science  
(Autonomous)**

**Department of Computer Science and Engineering (Data  
Science)**

**&**

**Mirthbees Technology Solutions, Chennai**

## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (hereinafter called as the 'MoU') was entered into on **18.11.2023**.

### **BETWEEN**

**Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)), the First Party** represented herein by **Dr. S. Kusuma, Head of the Department - CSE - Data Science** (hereinafter referred to as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

### **AND**

**Mirthbees Technology Solutions, Chennai, the Second Party**, and represented herein by its Manager, (hereinafter referred to as "**Second Party**", company whose expression, unless excluded by or repugnant to the subject or context shall include its successors in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as '**Parties**' and individually as '**Party**')

### **WHEREAS:**

- A) First Party is a Higher Educational Institution named, Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)**
- B) First Party and Second Party believe that collaboration and cooperation between themselves will promote more effective use of each of their resources and provide each of them with enhanced opportunities.**
- C) The Parties intend to cooperate and focus their efforts on cooperation within the area of Skill Based Training and Education.**
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.**

- E) **Mirthbees Technology Solutions, Chennai** - The Second Party specializes in providing engineering consultancy services, collaboratively conducting training programs for faculty and students, undertaking various project works, developing innovative products, and offering internship opportunities.

**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 channels of communication and cooperation that will promote and advance their respective operations within the institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

**CLAUSE 2 SCOPE OF THE MoU**

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness in the core industry. Both parties believe that close cooperation between the two would be of major benefit to the student community to enhance their skills and knowledge.



- 2.2 **Industrial Training & Visits:** Industry and Institution interaction will give 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 be involved in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working careers. The Second Party will provide its Seminar / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.3 **Internships and Placement of Students:** The Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on the AICTE Internship Policy Portal to disseminate the Internship opportunities available to them.
- 2.4 **Internships and Projects:** It will be carried over.
- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on emerging technologies in order to bridge the skill gap and make them industry-ready.
- 2.6 **Guest Lectures:** The Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in-house requirements.
- 2.7 **Faculty Sabbatical Programs:** Second Party to allow the Faculty members of First Party to work alongside the engineers in the plant or company for a minimum period of three months for exposure to industrial practices so they will be able to train the students better as per the industrial requirement considering the National Occupational Standards in the concerned sector, if available.
- 2.8 Both Parties are to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein

### **CLAUSE 3 INTELLECTUAL PROPERTY**

- 3.1 Nothing contained in this MOU shall, by express grant, implication, estoppel, or otherwise, create in either party any right, title, interest, or license in or to

the intellectual property (including but not limited to know-how, inventions, patents, copyrights and designs) of the other Party.

#### CLAUSE 4 VALIDITY

- 4.1 This MOU will be valid for at least two years from the date of signing.
- 4.2 Both Parties may terminate this MOU upon two years in calendar notice in writing. In the event of termination, both parties have to discharge their obligations

#### CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

- 5.1 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. Neither party is authorized to use the other party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other party, without the prior written consent of the other party. Neither party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other party, to pledge the other Party's credit, or to extend credit on behalf of the other party.

*Kuruna*  
18/11/23  
First Party

*N.L.M.*  
18/11/2023  
Second Party

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of law.

AGREED:

**Madanapalle Institute of Technology and Science  
(Autonomous) Department of Computer Science and  
Engineering (Data Science)**

**Mirthbees Technology Solutions,  
Chennai**

*Kesuma*  
*18/11/23*  
Authorized Signatory

*N. L. S.*  
*18/11/2023*  
Authorized Signatory

**Witness:**

**Dr. S. KUSUMA**  
Department of CSE - Data Science  
Madanapalle Institute of Technology & Science  
MADANAPALLE - 517 325



## **MEMORANDUM OF UNDERSTANDING**

Between

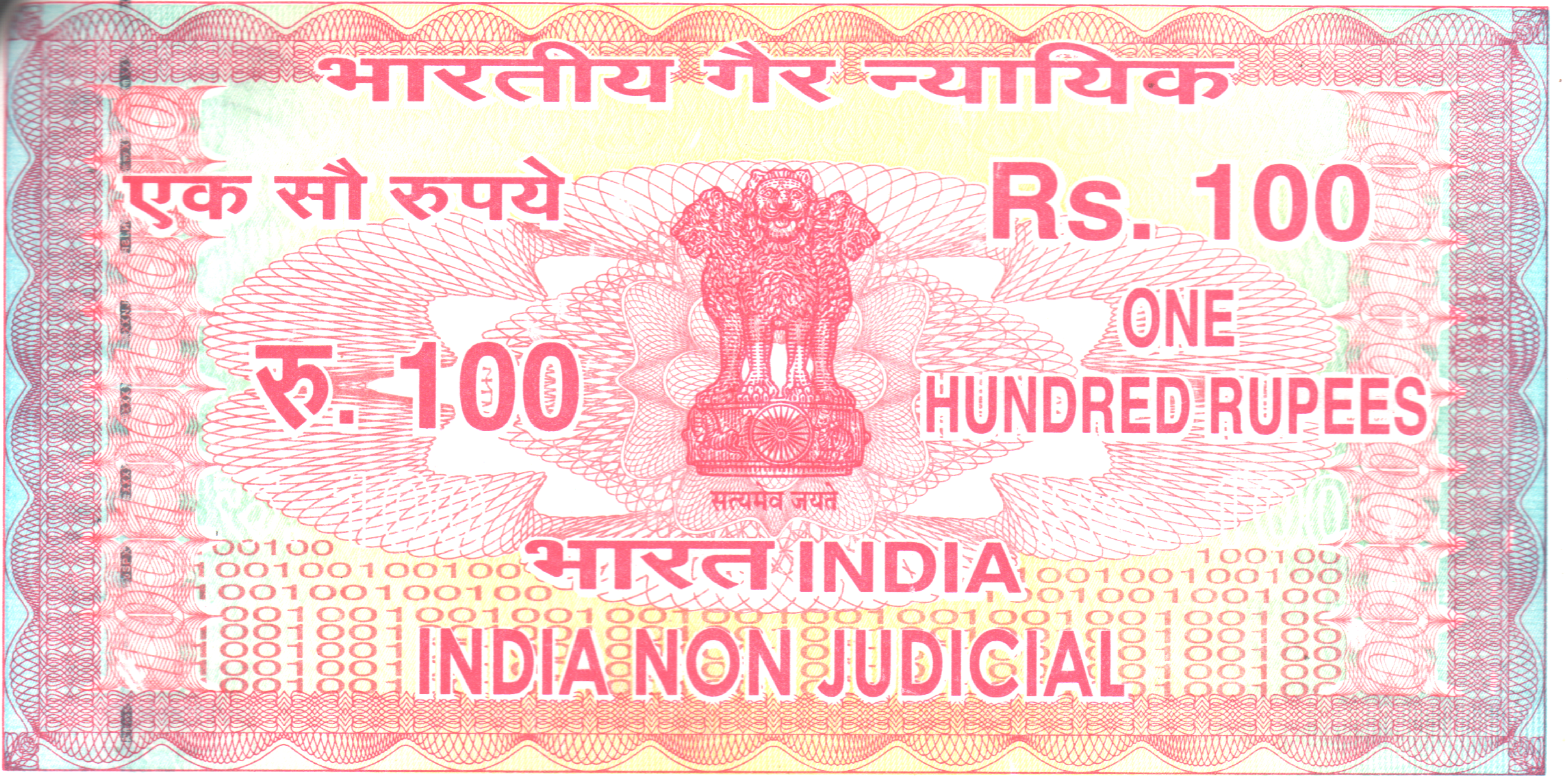
ACIC - Kalasalingam Innovation Foundation  
(An Atal Community Innovation Centre Initiative under Niti  
Aayog, Govt. of India)

And

Madanapalle Institute of Technology & Science  
14, Kadirj Road,  
Angallu Madanapalle-517325,  
Andhra Pradesh, India

15<sup>th</sup> November 2023





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

Serial No:4025

Denomination: 100

Date 01-07-2022

Stamp S. no CW 783532

Purchased By :

C YUVA RAJ

S/O CHINNAPPA

PRINCIPAL

MITS COLLEGE ANGALLU

For  
\*\*SELF\*\*

*M. S. Chinnappa*  
Sub Registrar

Ex. Office Stamp Vendor  
SRO Kalikiri

### MEMORANDUM OF UNDERSTANDING SCIENTIFIC RESEARCH COOPERATION

This Memorandum of Understanding  
(Here in after referred to as the Memorandum) is concluded on the  
15<sup>th</sup> November 2023

This Memorandum is made

**BETWEEN (1)**

ACIC - Kalasalingam Innovation Foundation

whose office is situated at:

Anand Nagar, Krishnankoil,

Srivilliputhur, Virudhunagar-626 126

(Here in after referred to as "ACIC - KIF")

**AND (2)**

Madanapalle Institute of Technology &

Science is situated at:

14, Kadiri Road,

Angallu Madanapalle-517325,

Andhra Pradesh, India.

(Here in after referred to as "MITS")



ACIC- KIF and MITS hereinafter referred to as the "Parties"

**WHEREAS** 'ACIC - KIF' is a Not-for-Profit Sec 8 Company registered under the Companies Act, 2013 under the "**Atal Community Innovative Centre**" initiative of Niti Aayog, Govt of India. Its purpose is to provide access to students / community to Advanced Tinkering Labs, extend prototyping support, conduct workshops / sensitization / awareness /capacity building programs on emerging technologies / patents / design thinking & such, encourage solutioning to community problems, hand hold innovations from ideation to prototyping, mentor start-ups, engage with local industries, MSME's , student & innovator communities – with the objective to Foster innovation and entrepreneurial spirit in the people towards building an innovation ecosystem

**WHEREAS** 'Madanapalle Institute of Technology & Science' (MITS) is established in 1998 in Madanapalle, Annamayya District of Andhra Pradesh. MITS is a NAAC A+ grade accredited Institution with NIRF ranking 2022 (251-300 band). The Institute has around 6500 students, 360+ teaching faculty among which 200+ are with Ph.D. qualification from renowned Indian and Foreign Universities. MITS offers 11 U.G Engineering courses, MBA and MCA programmes. Most of the programmes are accredited by NBA under Washington Accord. MITS has introduced summer internships, mini projects, full semester internships for the benefit of the students. MITS has entered into MoU's with 17 renowned Universities across the world and many students pursue their internships in Taiwan, Japan, Germany, Russia, Dubai and Singapore.

The parties understand the importance of science, technology and innovation in driving economic growth, and recognize their respective work / associations with centers of excellence / tinkering hubs, academic institutions, government departments, research institutes, commercialization hubs, industry and other organizations ("**Interested Stakeholders**"), and shall by this MoU serve to give impetus to the innovation & entrepreneurship eco-system and in advancing promotion of sciences & technology.

With such promotion of science, technology, stimulating innovation, demonstration including commercialization in new and emerging technologies, being of mutual interest to the Parties,

And recognizing their mutual wish to enhance and strengthen their efforts to promote prosperity through cooperation, the parties have arrived at the following understanding:



## **1. Purpose**

The purpose of this memorandum is to formalize the collaboration between ACIC-KIF and MITS (the Parties) with regard to cooperation projects with a view to converting advanced research into commercial applications leading to economic growth and job creation. This entails conceptualization and joint implementation of projects and programs, trainings, exchange visits, conducting outreach programmes, sharing leading practices and networking among others.

## **2. Forms of Cooperation and Collaboration**

The Parties understand that cooperation may include:

- a) The exchange of information, best practices, policies, laws and regulations related to research, technology, IP, patents, entrepreneurship and innovation;
- b) Joint seminars, symposia, conferences, trade fairs, exhibitions, workshops, capacity building programs & such other programs;
- c) Technology partnering missions, match making initiatives and the sharing of opportunities, Ideations, Fund raising events;
- d) Collaborative research and development initiatives,
- e) Facilitation of exchanges of researchers, academics, business professionals, students, technical experts and others as seen fit;
- f) Any other form of cooperation that the Parties may mutually agree.

## **3. Funding**

The parties shall agree on the activities and budget / resource allocations needed for the purposes of execution of this memorandum. The parties shall agree the modalities with regard to the expenses relating to their participation, taking into account alternative financial mechanisms that can be used for specific activities, as appropriate and as approved by their respective authorizing officers.



#### **4. Intellectual Property/Publishing Rights**

All intellectual property rights in all material (including but not limited to reports, data, designs whether or not electronically stored) produced by the parties pursuant to the performance of the services shall be the property of the respective party in the memorandum generating them unless otherwise agreed expressly in writing, and communicated to the parties in the memorandum.

#### **5. Exchange of Information**

Nothing in this MoU will be construed as requiring the Participants to disclose to one another any confidential or classified information generated or obtained.

#### **6. Designated Representatives**

The Participants designate the following representatives to administer this MoU:

For ACIC-KIF: Dr. B. Subathra  
Director,  
ACIC Kalasalingam Innovation Foundation,  
Anand Nagar, Krishnankoil, Srivilliputhur  
Virudhunagar Dist, TN - 626126

For MITS: The Principal  
Madanapalle Institute of Technology & Science,  
14, Kadiri Road,  
Angallu Madanapalle-517325,  
Andhra Pradesh, India

#### **7. Reporting requirements/Reporting provisions**

The CEO of ACIC-KIF and MITS will be responsible for assessing all the work done and completed as part of the MoU. Reporting shall be done at quarterly intervals or as shall be expressly agreed by both parties with regard to the modalities of the reporting procedures.



## 8. Final Dispositions

- This MoU serves only as a statement of intention of the Participants and is not intended to create any legally binding obligations nor be construed as agreement on any matters mentioned. This MoU does not create any relationship of employment, agency, partnership or joint venture between the Participants.
- The Participants understand that cooperation under this MoU is subject to the interest of the respective Parties and the availability of their respective resources.
- This MoU is effective on the date of signature by the Participants and will be in effect for 5 years from the date of signing.
- The Participants may extend the term or amend this MoU upon mutual written consent and with adequate prior express notice.
- A Participant may terminate this MoU by giving written notice of at least ninety (90) days to the other Participant.

This Memorandum of Understanding is signed by the Participants on this 15<sup>th</sup> day of November 2023.

**For ACIC – Kalasalingam  
Innovation Foundation**

**For Madanapalle Institute  
of Technology & Science**

*B. Subathra*



Dr. B. Subathra  
Director,  
ACIC Kalasalingam Innovation  
Foundation  
Virudhunagar Dist,  
TN – 626126

Date: 15/11/23

DIRECTOR  
ACIC - KALASALINGAM  
INNOVATION FOUNDATION  
Anand Nagar, Krishnankoil - 626 126.

*Cyja*

The Principal  
Madanapalle Institute of Technology  
& Science  
14, Kadiri Road,  
Angallu Madanapalle-517325  
Andhra Pradesh, India

Date: 15/11/23

*[Signature]*



Head of The Department  
Computer Science & Technology  
Madanapalle Institute of Technology & Science  
MADANAPALLE - 517 325



## **MEMORANDUM OF UNDERSTANDING**

**(MoU)**

**BETWEEN**



**ExcelR Edtech Pvt Ltd.**

**&**



**Madanapalle Institute of Technology & Science-(MITS)  
Madanapalle, Andhra Pradesh 517 325**

**Student Development Programs, Faculty  
Development Programs and Student Internships on  
Different Emerging Software Technologies**

## **MEMORANDUM OF UNDERSTANDING**

This **Memorandum of Understanding** (herein after called as the 'MOU') is entered into on this the 12<sup>th</sup> day of Oct Month 2023 (Date 12-10 -2023)

**ExcelR Edtech Pvt. Ltd**

**And**

**Madanapalle Institute of Technology & Science (MITS)**

### **WHEREAS:**

1. First Party is a EdTech company: **ExcelR Edtech Pvt Ltd.**
2. Second Party is Higher Educational Institution named: **Madanapalle Institute of Technology & Science (MITS)**
3. 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.
4. The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
5. Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.



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

**CLAUSE 1: CO-OPERATION**

6. Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings.
7. First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to the second party in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
8. The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds, and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.
9. ExcelR would be the training delivery partner for the second party on various trending technologies.
10. ExcelR would be the training delivery partner for the student internships of second party on various trending technologies of minimum four weeks duration.
11. ExcelR will reach out to students to communicate about course details, webinars, blogs, industry events etc., which will be informative or promotional in nature.
12. Training & Development and dissemination of knowledge for students of second party & affiliated colleges and employees of both the organizations.

13. ExcelR would work with incubation centers/ innovation cells of second party (Case to case basis), to formulate the business cases and data collection process from various industry and academic bodies that are associated with the second party
14. Cooperation between both parties would be extended to any other area which may be mutually beneficial to both the organizations.

## **CLAUSE 2: SCOPE OF THE MoU**

15. The budding graduates from the institutions could play a key role in technological up-gradation, innovation, and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
16. **Software Technologies Training:** The first party will provide the trainings to the students and Faculties of the second party on different technologies like Data Science, Data Analyst, Artificial Intelligence, Tableau, Python, etc., Research and Development
17. **Skill Development Programs:** First Party to train the students of second Party on the emerging technologies to bridge the skill gap and make them industry ready.
18. **Guest Lectures:** First Party to extend the necessary support to deliver guest lectures to the students of the second Party on the technology trends and in house requirements.
19. **Faculty Development Programs:** First Party to train the faculties of second Party for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
20. Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
21. There is no financial commitment on the part of the second party to enroll the students and faculties for the different free trainings run by the first party under Everyday Learning Initiation.



22. First party would extend the help in providing artifacts such as training records, certificates to the second party upon a written request from the second party. This information is limited to only the students of second party and at the discretion of first party.
23. In case, second party wants to conduct customized commercial trainings then this agreement can be amend/adding annexure with mutually agreed terms.

### **CLAUSE 3: INTELLECTUAL PROPERTY**

24. The first party will have the sole rights on the curriculum and related content provided in the trainings and it cannot be replicated or copied without the consent of the first party.
25. Confidentiality: Except as may otherwise be required by law, each party will hold confidential, during and after the term of this Agreement, any confidential information disclosed to it or its representatives, and will not disclose any such confidential information to any third party.

### **CLAUSE 4: VALIDITY**

26. The period of the agreement is valid for a period of 2 years from the date of signing of this agreement
27. This agreement will be valid only at the intentions of the parties involved therein, this MOU could be dissolved or cancelled by either party any time by giving 30 days' notice and shall not have any legal bindings in nature. should either or all the parties to it opt to not act upon, the MOU loses its validity.

### **CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES**

28. 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. Neither Party is authorized to use the other Party's name to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.






**AGREED:**

**For: ExcelR Edtech Pvt Ltd.**

**For: Madanapalle Institute of Technology & Science (MITS)**

  
**Authorized Signatory**  
**Mr. Shyam Narayan**  
**Director, HR, ExcelR.**



  
**Authorized Signatory**  
**Dr. M. Sree Devi**  
**Professor & HOD**  
**Dept. of Computer Science & Technology**

  
**Mr. Vineeth Perumalla**  
**Title: Manager-Business Development**  
**Mobile No: 92810 96182**  
[Vineeth.perumalla@excelr.com](mailto:Vineeth.perumalla@excelr.com)  
[www.excelr.com](http://www.excelr.com)



**Head of The Department**  
**Computer Science & Technology**  
**Madanapalle Institute of Technology & Science**  
**MADANAPALLE - 517 321**





AltSense Technology Services LLP  
678, Balajinagar 1<sup>st</sup> Main road,  
Ekkattudhangal,  
Chennai-32

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# MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

Madanapalle Institute of Technology and Science  
(Autonomous)

Department of Computer Science and Engineering (Data  
Science)

**AltSense**  
&

**Altsense Technology Services, Chennai**



## **MEMORANDUM OF UNDERSTANDING**

This **Memorandum of Understanding** (hereinafter called as the 'MoU') is entered into on this **09.10.2023**.

### **BETWEEN**

**Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)), the First Party** represented herein by **Dr. S. Kusuma, Head of the Department - CSE - Data Science** (hereinafter referred to as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

### **AND**

**Altsense Technology Services, Chennai, the Second Party**, and represented herein by its Manager, (herein after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

### **WHEREAS:**

- A) First Party is a Higher Educational Institution named, **Madanapalle Institute of Technology and Science (Autonomous), Department of Computer Science and Engineering (Data Science)**
- B) 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.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training and Education.



- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.
- E) **Altsense Technology Services, Chennai** - the Second Party is engaged in Engineering Consultancy, Mutual training programs for faculty and students, Project works, Product Development and Internships.

**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 channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MoU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MoU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MoU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.



## CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness in core industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Industrial Training & Visits:** Industry and Institution interaction will give 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. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Seminar / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.3 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.4 **Internships and Projects:** It will be carried over.
- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.6 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.



2.7 **Faculty Sabbatical Programs:** Second Party to allow the Faculty members of First Party for working alongside the engineers in the plant or company for a minimum period of three months for exposure to industrial practices so they will be able train the students better as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.

2.8.1 If industry rejects there will be a change in visiting according to company norms.

2.8 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein

### **CLAUSE 3 INTELLECTUAL PROPERTY**

3.1 Nothing contained in this MOU shall, by express grant, implication, estoppel or otherwise, create in either party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

### **CLAUSE 4 VALIDITY**

4.1 This MOU will be valid for atleast **two years** from the date of signing.

4.2 Both Parties may terminate this MOU upon two years in calendar notice in writing. In the event of termination, both parties have to discharge their obligations

### **CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES**

5.1 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. Neither party is authorized to use the other party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other party, without the prior written consent of the other party. Neither party shall have, nor represent itself as having, any authority under the terms of this MoU to



make agreements of any kind in the name of or binding upon the other party, to pledge the other Party's credit, or to extend credit on behalf of the other party.

*Kusuma S.*  
9/10/23  
**First Party**

*[Signature]*  
**Second Party**

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of law.

AGREED:

Madanapalle Institute of Technology and Science  
(Autonomous) Department of Computer Science  
and Engineering (Data Science)

Altsense Technology Services, Chennai

**Altsense**

*Kesava*  
9/10/23  
Authorized Signatory  
**Dr. S. KUSUMA**  
**HEAD**  
Department of CSE - Data Science  
Madanapalle Institute of Technology & Science  
MADANAPALLE - 517 323

Witness:

*[Signature]*  
Authorized Signatory





**MEMORANDUM OF AGREEMENT**

**BETWEEN**

**MADANAPALLE INSTITUTE OF**

**TECHNOLOGY & SCIENCE**

**&**

**ASIA UNIVERSITY**

**TOWARDS**

**MUTUAL COOPERATION IN**

**ACADEMIC & RESEARCH**

**WORK**

**FOR 1 YEAR at MITS+1 YEAR at AU MASTERS PROGRAM**



1. This Memorandum of Agreement (MoA) signed on the 7<sup>th</sup> day of the July month Two Thousand Twenty Three between Asia University, (represented by Prof. Ching-Hsien Hsu) Wufeng District of Taichung City, Taiwan (hereinafter referred to as AU) and Madanapalle Institute of Science & Technology (represented by Dr C. Yuvaraj), an Autonomous Institute and Affiliated to JNTU Anantapuram Madanapalle, Andhra Pradesh, India, (hereinafter referred to as MITS) for the purpose of synergizing the resources and the expertise of AU with MITS to create skilled workforce in the area of electronic design and manufacturing in line with India's focuses & scope for rapid development in the integrated chip manufacturing industry. This MoA also aims to promote the mutual cooperation between the two parties, with AU endeavouring to provide the best quality education & training services to students and faculty of MITS in areas of mutual interest and applications, with AU hosting MITS faculty & students at AU for joint research & development.

#### **PREAMBLE**

#### **2. ASIAUNIVERSITY(AU), TAIWAN**

ASIA UNIVERSITY (AU) is a private, comprehensive and research-intensive university, founded in Wufeng District, Taichung City, Taiwan, in 2001, with the goal of establishing a world-renowned university. According to Karl Jaspers, a German philosopher, an ideal university must have three features-- academic teaching, scientific research, and a creative cultural life, which are exactly what AU has been pursuing since its establishment.

Over the past 20 years, AU has demonstrated excellence in academic performance, and was ranked the first place in many of the higher education evaluations conducted by the Ministry of Education (MOE), Taiwan. AU was not only ranked one of the best among newly-established universities in Taiwan, but also granted with huge funding for the honored projects collectively called the Program for Promoting Teaching Excellence Universities from the MOE for 13 years consecutively. Meanwhile, AU has achieved international reputation and accolade by several world university rankings, including *Times Higher Education World University Rankings*, *Shanghai Academic Ranking of World Universities*, *USNews & World Report Global University Rankings*, and *QS Global University Rankings*. Based on the *Times Higher Education*, Asia University was one of the top 100 best universities in the world younger than 50 years.

#### **3. Madanapalle Institute of Technology & Science (MITS), Andhra Pradesh, India**

Madanapalle Institute of Technology & Science is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17-acre campus on Madanapalle - Ananthapuramu Highway (NH-205) near Angallu, about 10 km away from Madanapalle and 120 km from Bangalore Airport.



MIT, is an Academic Institute under the Trust of Ratakonda Ranga Reddy Educational Academy and the Founder is Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent of the Academy.

The Institute has around 7000 Students, 350+ Teaching Faculty, among which around 200 Faculty members are with Ph.D qualification from many renowned Indian and foreign Universities. It has bench-marked its curriculum and teaching methodologies with premier Indian Institutes to maintain academic excellence. MIT offers 11 Under Graduate Engg., MCA and MBA programmes. Most of the programs have been accredited by National Board of Accreditation under Washington Accord. MIT has also been accredited with A+ under National Assessment & Accreditation Council for its quality education.

MIT curriculum has introduced summer internships, Mini Projects, Full Semester Internships for the benefit of the students. 56 of our B. Tech students got selected for University Innovation Fellowship program (UIF) of Stanford University. MIT has **19 MoUs** of which, 8 MoUs with Taiwan Universities, 2 Japanese Universities, 3 South Korean Universities and 5 MoUs with European Universities and 1 Russian University,

MIT has grown over the years to become one of the premier institutions in Andhra Pradesh that students aspire to join. Governed by the progressive thoughts of the Management, MIT is always striving conscientiously to excel in various domains of Academics, Research, Contribution to Society by fostering collaborations with Global Academic and Industry. An excellent Academic atmosphere and hi-tech facilities are created for the Faculty and Students for pursuing their professional career and personal goals.

#### **PURPOSE**

4. MIT recognizes the importance of creating a talent pool of engineering graduates at the Post Graduate and Under Graduate level in the emerging discipline of electronics design and manufacturing. Such graduates have to be employable by the industry with the requisite skills to success in the integrated- circuit/semiconductor industry. The focus of the Indian Government has been to attract capital in this niche industry that can make India a global semiconductor manufacturing hub. To augment this, one of the main requirements is human capital and there is a huge need for well qualified workforce in this niche semiconductor design & manufacturing industry.

The purpose of this collaboration would be to synergize the expertise of AU to create a pool of qualified engineering professionals who can work in the Indian semiconductor design & manufacturing industry. The collaboration also aims to motivate the students to join the Master's Program VLSI Design Engineering and also to give an opportunity to the existing undergraduate MIT students of Electronics & Electrical Engineering to complete an intensive course work & internship at AU for a period of five/ six months respectively, as part of their final year full semester internship.

5. This MoU is subject to at all times to mutually applicable as rules as applicable to MIT & AU and any disputes shall be resolved by a mutually agreeable mediator/arbitrator and the location of dispute resolution shall be Bangalore, India.





6. NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both MITS & AU here by acknowledge, and further MITS & AU hereby agree to sign a Memorandum of Agreement (MoA).

**ARTICLE-I: SCOPE OF THE MoA**

7. This MoA details the modalities and general conditions regarding the collaboration between MITS & AU. To begin with, the following shall receive immediate focus from MITS & AU:

- i) Full-time course-work at AU as part of MITS's M.Tech programme in VLSI Design for the batch starting from 2024-25.
- ii) AU faculty mentoring in-school project work at AU advanced facilities
- i) AU faculty mentoring for 20-24 weeks' industry internship in semiconductor industry facilities.
- ii) Periodical industrial visit including the state of the art National Labs established by NSTC, Taiwan
- iii) Basic Orientation to the Mandarin Language

MITS shall admit students to its M.Tech. programme in VLSI Design beginning from the academic year 2024-26. Such students shall complete the requisite course and lab work during the 1<sup>st</sup> and 2<sup>nd</sup> semester of the programme in MITS. On completion of their first year, students shall be visiting AU for their 3<sup>rd</sup> & 4<sup>th</sup> semester. The 3<sup>rd</sup> semester shall comprise course-work as jointly prescribed by AU & MITS to be delivered on a full-time basis by AU faculty at their university campus. The 3<sup>rd</sup> semester shall also include a in-school project mentored by AU faculty using the advanced facilities in the AU departments related to VLSI Design & Applications. The 4<sup>th</sup> semester may be a 20 to 24-week **Industry Internship** to be arranged by AU for the students whom a work full-time to gain hands-on experience & learning at the semiconductor industry facilities. On successful completion of the course work and internship at AU, the AU credits earned shall be transferred to them to graduate with a M.Tech degree in VLSI Design of MITS/JNTUA.

The following are the major facilities with regard to the electronics design and manufacturing focused curriculum of the VLSI degree programme that AU shall provide access during their in-school project to the students from MITS:





### **Semiconductor thin films laboratory**

Spin coater : the deposition of thin films is carried out by spin coating at a high spinning speed.

Controlled-atmosphere furnace : the semiconductor films are annealed in a tubular atmosphere furnace filled with inert gas, and the partial pressure of oxygen in the tube is controllable.

Current–voltage (IV) measurement system : the instrument, which can be used on wafer and semiconductor thin film, serves as an effective identify tool.

Hall effect measurements instrument : this system can identify the electrical features of resistivity, carrier mobility, concentration, and Hall coefficient. The measured parameter of magnetic field is 0.6T at room temperature.

Hewlett Packard (Hp) - 4156A precision semiconductor parameter analyzer

Bausch & lomb, MicroZoom2, High performance microscope (Model:6100)

The following are the potential industry partners that AU shall coordinate with and ensure that the 20-24-week internship is arranged for the visiting students of MITS

Everlight Electronics Corporation, Taiwan

Vanguard Semiconductor, Taiwan

Nuvoton Technology Corporation, Taiwan

Channel Well Technologies, Taiwan

Taiwan Semiconductor Manufacturing Company, Taiwan

Micron Memory Taiwan Co., Taiwan

Macronix International Co., Taiwan

United Microelectronics Corp., Taiwan

Technology Bridge Corporation, Taiwan

Wistron, Taiwan

8. MITS shall do all the necessary for admitting students to the M.Tech. programme in India and shall jointly promote this as a MITS + AU initiative. There shall be no costs for AU towards the promotion & enrolment of students.





9.All the above will be done by both parties without any prejudice to prevailing rules and regulations in MITS and AU nor without any disregard to any mechanism evolved and approved by the competent authorities of MITS & AU.

The area of cooperation can be extended through mutual consent.

#### **ARTICLE-II: SCOPE AND TERMS OF INTERACTIONS**

10.Besides a continuous interaction between the faculty & students in the VLSI discipline, both MITS& AU shall encourage interactions between the faculty in various other disciplines of engineering, sciences, management, etc. through the following arrangements: -

- a. Faculty visits for identification of joint research projects
- b. Student visits for course work or internship and other areas of study
- c. Participation in conferences, seminars, workshops, academic discussions, etc.
- d. Joint development of online courses and such other matters of academic & research importance.

11.There is no limit with respect to the number of such interactions and the number of persons involved (unless agreed upon in advance). However, the modalities involved including costs, stay, etc, shall be worked out on a mutually agreeable basis.

12.MITS& AU may request to design and teach a course or courses which it deems fit to enhance quality and performance of its students. Such courses may be run at any mutually convenient premises.

(a) The representative shall meet as needed to discuss the programmes, changes to programmes and any other topics of interest to either party.

(b) Joint Research/ Development /Training projects. Technology transfer and help on specialized areas of mutual interest.

(c) Practical training of students using online/simulation tools where it is feasible.

(d) Joint guidance of student projects/ thesis in areas of mutual interest of MITS & AU on mutually agreeable terms.

€ MITS may showcase its activities at the seminar/ workshop/conference, etc. at MITS to attract students for other degree programmes at AU.

#### **ARTICLE-III: SHARING OF FACILITIES**

13.Both MITS & AU shall allow the sharing of facilities as per the following arrangements:

(a) MITS & AU shall make provisions to share their respective important facilities in order to promote academic and research interaction in the areas of co-operation.

(b) MITS& AU shall permit the sharing of software and other materials and components developed in-house in the areas of co-operations, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department / section.





(c) MITS & AU shall provide access to the library facilities, residential accommodation, dorm accommodation to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

#### **ARTICLE-IV CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS**

14.The collaborative programme between MITS & AU shall be coordinated by a coordination committee appointed by Directors /Heads of both Institutes.

15.Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both Institutions.

16.The candidates selected for course work & Internship in this specific M.Tech. VLSI would have to pay the tuition, hostel, participation and other fees as prescribed by AU from time to time for their 2<sup>nd</sup> year study at AU, Taiwan..

#### **ARTICLE-V: EFFECTIVE DATE AND DURATION OF MOU**

17.This MoU shall be effective from the date of its signing by the competent authorities of both parties.

18.The durations of the MoU shall be for a period of five years from the effective date unless terminated/ extended or updated prior to that date. An annual review will be conducted by both parties to verify accreditation status, update programme offerings and review programme delivery date.

19. During its tenancy, the MoU may be extended by a prior notice of not less than six months by either party. However, termination of the MoU will not in any manner affect the interests of the students / faculty / scientists who have been admitted to pursue a programme under the MoU.

20.In the event of noncompliance or breach by one of the parties of the obligations binding upon this MoU, the other party may terminate the agreement after giving a reasonable opportunity to explain their viewpoint.

21.Any clause or article of the MoU may be modified or amended by written mutual agreement of MITS&AU.

#### **ARTICLE-VI : INTELLECTUAL PROPERTYRIGHTS(IPR)**

**22. Applicability :** MITS & AU are individually referred to as the "Party" and collectively as the "Parties". The IPR is applicable to both Parties and their employees, students and representatives as well as personnel associated with any activity such as, but not limited to, Continuing Education Programme and covers different clauses of Intellectual Property viz Ownership, Copyright, Trade Mark, Service Mark, Design registration, Trade secret and Confidential Information.

**23. Ownership :** Intellectual Property (IP) of any kind created by visiting students /



faculty of MITS or AU during their period of study or work or collaborative engagement will be jointly owned by MITS & AU. However, if the IP was created with the significant use of funds or

Facilities administered by MITS or AU, then the IP ownership shall be shared on a pro-ratabasis based on mutual agreement.

#### **ARTICLE-VII: CONFIDENTIALITY**

24. During the tenure of the MoU both MITS & AU will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MoU for any purpose other than in accordance with this MoU and offer written consent of the parties.

25. Both MITS & AU shall bind their respective personnel who come into possession or knowledge in any manner of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or PROJECTS.

26. Further, both MITS & AU shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

#### **ARTICLE-VII: AMENDMENTS**

27. Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by the PARTIES here to and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

#### **ARTICLE-IX : RESOLUTION OF DISPUTES**

28. This agreement shall take effect in good faith & spirit and is constructed in accordance with best practices in collaborative academic programmes between Indian & foreign higher education institutions.

29. In case any dispute/ claim arises between the parties with respect to the MoA including its validity, interpretation, implementation, or alleged breach of any of its provisions or regarding a question, including the questions as to whether the termination of this MoA by one party hereto has been legitimate, both parties here shall endeavor to settle such dispute amicably. If the parties fail to bring about an amicable settlement within a period of 30 days, disputes shall be referred to the sole arbitrator appointed mutually by MITS & AU. Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and rules made there under, or any legislation amendment or modification made thereto.

The venue of arbitration shall be Bangalore, India. The award given by the arbitrator shall






be final and binding on the parties. The language of arbitration shall be English. The common cost of arbitration proceeding shall initially be borne equally by the parties. Any other costs or expenses incurred by a party in relation to the arbitration proceedings shall ultimately be borne by the party as the arbitrator may decide.

**IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.**

**For Madanapalle Institute  
of Technology & Science**

  
\_\_\_\_\_  
**Dr. C. Yuvaraj**      **Principal**  
**Madanapalle Institute of**  
**Technology & Science**  
**MADANAPALLE**

**Witness**

  
\_\_\_\_\_  
**Prof. Sremmant Basu**

**Dean Admin, International Relations &  
HoD- Management Studies**


**Madanapalle Institute of Technology  
& Science**

**Madanapalle, 517 325, Andhra Pradesh  
India**


**Official Seal**



**For ASIA UNIVERSITY**

  
\_\_\_\_\_  
**Dr. Ching-Hsien Hsu**  
**Dean of College of Information  
and Electrical Engineering**

**Witness**

  
\_\_\_\_\_  
**Prof. Yinghuei Chen**

**Dean International College,  
Chair Professor in Language &  
Literature**

**ASIA University**

**Taichung City, Taiwan**

**Official Seal**





## **MEMORANDUM OF AGREEMENT BETWEEN**

**Asia Management College**

**Asia University**

**AND**

**Department of Management Studies**

**Madanapalle Institute of Technology & Science**

Asia Management College of Asia University, Wufeng District of Taichung City, Taiwan Department and Department of Management Studies of Madanapalle Institute of Technology & Science, Kadiri Road Angallu, Madanapalle-517325, Annamayya District, Andhra Pradesh, India, hereby agree to foster academic exchange and cooperation between the two Institutions.

### **SCOPE OF COOPERATION**

Subject to mutual consent, the areas of cooperation will include any program offered by either institution as felt desirable and feasible on either side and that contributes to fostering and development of the cooperative relationship between the two Centers.

Cooperation may be carried out through such activities such as:

- Exchange of faculty and/or staff;
- Exchange of graduate and/or undergraduate students;
- Exchange of materials, publications, and information;
- Joint conferences and academic programs;
- Joint research activities and publications.

*Signature*  
07/07/2023

*Signature*




These activities are to be carried out after mutual consultation between the two institutions or the divisions concerned thereof. Normally, each Centre will sign a letter of agreement setting out the responsibilities of each institution for the agreed activity and such other matters, as the centers agree are necessary for the efficient achievement of the activity.

### **AMENDMENTS, RENEWAL, AND TERMINATION**

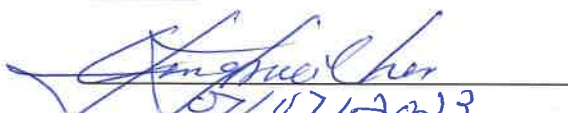
This Memorandum of Agreement may be modified through the mutual discussion and consent of the two centers, and shall remain in effect from the date of signature. However, after the initial period of five years either Centre may terminate the agreement by giving six months' written notice of such intent.

In witness of the terms of this agreement our signatures are affixed:


  
Prof. Chun-Wei Lin  
Dean- Asia Management College

  
Prof. Sremmant Basu  
Dean – Administration, International Relations  
& HoD of Management Studies

**Witness**

  
Dr. Yinghuei Chen  
Dean International College,  
Chair Professor in Language &  
Literature  
Asia University, Taichung  
Taiwan

**Witness**

  
Prof. Ramanathan  
Vice Principal Academics  
Madanapalle Institute of Technology & Science  
Madanapalle, 517325  
Andhra Pradesh, India



Date : 7<sup>th</sup> July, 2023

Date : 7<sup>th</sup> July, 2023





Decibels Lab Private Limited  
#2362, 24th main road  
1<sup>st</sup> sector, HSR layout  
Bangalore, Karnataka, 560102

CIN: U80904KA2019PTC126675  
+91 7411019255  
[contact@decibelslab.com](mailto:contact@decibelslab.com)

## MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Decibels Lab Pvt. Ltd., #2362, 24th Main Road, 1st Sector, HSR Layout, Bangalore, Karnataka, 560102**

AND

**Department of Electrical & Electronics Engineering, Madanapalle Institute of Technology & Science, Madanapalle – 517 325, Chittoor Dist. Andhra Pradesh**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 03<sup>rd</sup> day of July 2023 by and between.

**Decibels Lab Pvt. Ltd.**, the first party, and represented herein by its Centre Head / Director / Managing Director **Mr. Suraj S.D.**, Director, Decibels Lab Pvt. Ltd., Bangalore. CIN- U80904KA2019PTC126675 (Mobile: 7411019255; Email: [suraj@decibelslab.com](mailto:suraj@decibelslab.com)) and **Department of Electrical & Electronics Engineering, Madanapalle Institute of Technology & Science (UGC – Autonomous Institution), Madanapalle - 517325, Annamayya Dist., Andhra Pradesh**, the second Party represented herein by its Principal / Director / Head of Department **Dr. A. V. Pavan Kumar**, Professor & Head, Department of Electrical & Electronics Engineering, MITS, Madanapalle.

WHEREAS:

A) First Party is engaged in Training Services: **Decibels Lab Pvt. Ltd., New Delhi.**

B) 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 including support for research.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) **Department of Electrical & Electronics Engineering, Madanapalle Institute of Technology & Science, Angallu, Madanapalle - 517325** - the Second Party is a Higher Educational Institution named.

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 First Party to permit the Faculty and Students of the Second 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 First Party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: First Party to extend the necessary support to deliver guest lecturers to the students in the field of innovation & product related of the Second Party on the technology trends and in house requirements.
- 2.3 Skill based Training and Placement: The First Party will actively engage to help the delivery of the training and placement of the students of the Second Party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Decibels Lab Pvt. Ltd., Bangalore**, 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

- 5.1 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

  
Mr. Suraj S.D.  
Director  
Decibels Lab Pvt., Ltd.,

  
Dr. C. Yuvaraj  
Principal  
MITS, Madanapalle



Principal  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE

#### Second Party

  
Dr. A.V. Pavan Kumar  
Head of the Department  
Professor & Head  
Department of Electrical & Electronics Engineering  
MADANAPALLE - 517 325





# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Approved by AICTE, New Delhi and Affiliated to JNTUA, Ananthapuram

[www.mits.ac.in](http://www.mits.ac.in)



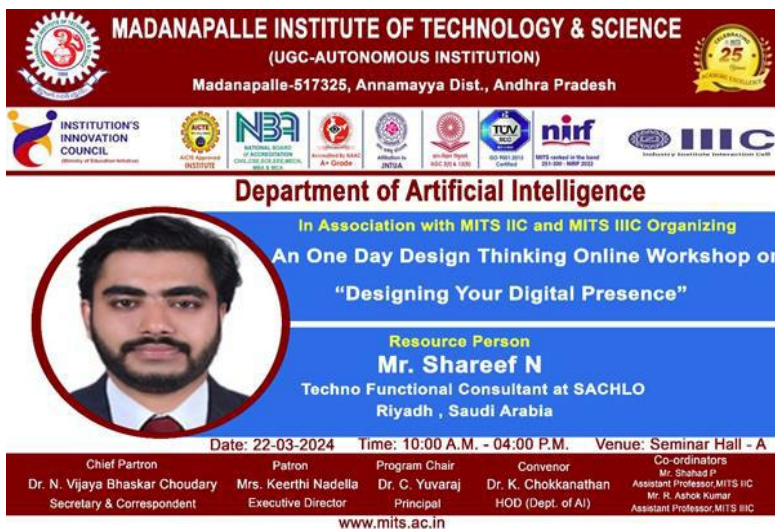
## Industry Institute Interaction Cell (2023-24)

### List of IIIC Events

S. No	Title of Event	Date of event	Type of event	Faculty-in-charge	Resource Person	No of beneficiaries	Department Collaboration
1	Designing Your Digital Presence" was organised By Department of Computer Science & Engineering -	22.03.2024	Workshop	Mr. Shahad. P, Assistant Professor, Dept. of CSE (AI) and Mr. R. Ashok Kumar, Assistant Professor, Department of CSE (AI)	Mr. Shareef. N, Techno Functional Consultant, Sachlo-Riyadh	60	AI
2	Spark for Data Analysts: Transforming Big Data into Actionable Insights	19.03.2024	Guest Lecture	Mr. V. Naveen, Assistant Professor, Department of CST; Mr. D. Suresh, Assistant Professor, Department of CST	Mr. Nethaji Muliki, Senior Consultant, Prolim Solutions India Pvt. Ltd, Bangalore	62	CST
3	Industrial Visit to Lepakshi Temple	02.03.2024	Industrial Visit	Dr. Swapneel Jaiswal, Sr. Assistant Professor, Department of Civil Engineering; Dr. Sudheer Kumar y, Sr. Assistant Professor, Department of Civil Engineering		110	Civil
4	Power BI End to End Project for Beginners	01.03.2024	Guest Lecture	Mr. K. Mahammad Assistant Professor, Dept. of CSE (AI) and Mr. R. Ashok Kumar, Assistant Professor, Department of CSE (AI), MITS	Mr. Parthiban Rajan, Senior Software Engineer, CGI Bengaluru	140	CSE-AI
5	Career Opportunities for Young Graduates in the Energy Sector	29.02.2024	Alumini Guest Lecture	Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EEE	Mr. Akkenaguntla Karthik	53	EEE
6	Sathanur Hydro-Electric Power Station	23.02.2024	Industrial Visit	Mr. Saravanan D, Assistant Professor, Dept. of EEE		53	EEE
7	SRE and Data Science Opportunities in USA	02.02.2024	Alumini Guest Lecture	Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EE	Mr. Manoj Kuppam, Sr Vice President SRE, JPMorgan Chase & Co, USA	60	EEE
8	Career Guidance to Core Opportunities	28.11.2023	Alumini Guest Lecture	Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EE	Mr. Sai Charan Reddy, Inverter Engineer, L&T Technology Service Ltd Bengaluru	65	EEE
9	Project Management office Toolkit in JIRA Environment	15.11.2023	Expert Lecture	Mr.V.Naveen, Assistant Professor, IIIC Coordinator, Department of CST Mr.D.Suresh, Assistant Professor, Department of CST	Mr.Mothadi Manoj kumar, Associate Software Engineer, Accenture Pvt. Ltd, Bengaluru	70	CST
10	Role of Performance tester: Sharing updates on current opportunities	26.10.2023	Alumini Guest Lecture	Mr. D. Suresh, Assistant Professor, Department of CST and Mr. V. Naveen, Assistant Professor, IIIC Coordinator, Department of CST	Ms. D. Reddy Sowmya, Program Analyst, Cognizant Technologies Solutions India Pvt. India, Bangalore	72	CST
11	Converting Innovation into a Startup	29.09.2023	Guest Lecture	Mr.V.Naveen, Assistant Professor, IIIC Coordinator, Department of CST	Mr.V.Yaswanth, Managing Director, Bright Geeks Technologies, Bengaluru, Karnataka	120	CST
12	Maximizing opportunities in Innovation Development	21.06.2023	Guest Lecture	Mr. D. Suresh, Assistant Professor, Department of CST Mr. V. Naveen, Assistant Professor, Department of CST	Mr. Dinakar Reddy, Chief Engineer, SAMSUNG R&D Institute, Bangalore	121	CST
13	Mastering Change from Campus to Workplace	17.06.2023	Guest Lecture	Mr. V. Naveen, Assistant Professor, Department of CST. Mr. D. Suresh, Assistant Professor, Department of CST	Mr.Ranjith Kumar Kopperla, Architect, SAMSUNG R&D Institute, Bangalore	130	CST



**A Report on Workshop on "Designing Your Digital Presence"**  
**Organised By Department of Computer Science & Engineering (Artificial Intelligence)**  
**in Association with IIC & IIIC - MITS**  
**Date: 22.03.2024**



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
Madanapalle-517325, Annamaya Dist., Andhra Pradesh

**Department of Artificial Intelligence**  
In Association with MITS IIC and MITS IIIC Organizing  
**An One Day Design Thinking Online Workshop on**  
**"Designing Your Digital Presence"**

**Resource Person**  
**Mr. Shareef N**  
Techno Functional Consultant at SACHLO  
Riyadh , Saudi Arabia

**Date:** 22-03-2024 **Time:** 10:00 A.M. - 04:00 P.M. **Venue:** Seminar Hall - A

Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C. Yuvaraj Principal	Convenor Dr. K. Chokkanathan HOD (Dept. of AI)	Co-ordinators Mr. Shahad P. Assistant Professor, MITS IIC Mr. R. Ashok Kumar Assistant Professor, MITS IIIC
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**Submitted by: Mr. Shahad. P, Assistant Professor, Dept. of CSE (AI) and Mr. R. Ashok Kumar, Assistant Professor, Department of CSE (AI), MITS.**

**Resource Person: Mr. Shareef. N, Techno Functional Consultant, Sachlo-Riyadh.**

**Venue: MITS Seminar Hall-B**

**Participants: II AI Students (60 – Students)**

**Date and Time: 22.03.2024, 10:00 A.M to 4:00 P.M**

**Mode of Conduct : Online**

**Report Received on 02.04.2024.**

Department of Artificial Intelligence in Association with Institution's Innovation Cell (IIC) and Industry-Institute Interaction Cell (IIIC) Organised a Workshop on **"Designing Your Digital Presence"** in MITS-Seminar Hall-B on March 22<sup>nd</sup>, 2024, from 10:00 A.M to 12:00 P.M. The workshop session started on 22.03.2024 at 10:00 A.M with welcome address given by Mr. R. Ashok Kumar, Assistant Professor Department of CSE(AI), followed by the introduction delivered by Dr. K. Chokkanathan, HoD & Associate Professor, Department of CSE(AI).

The resource person started the session by extending his hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on "WordPress".

The resource person shared and demonstrated the following topics as the agenda for the Workshop

- Introduction about WordPress
- Installation procedure for WordPress
- WAMP server configuration
- Database Creation
- Dashboard of WordPress
- Creating Page and Posts
- Adding Map
- Creating Blog
- Themes and Plugins
- The resource person started the session by introducing the basics of WordPress and how to use WordPress to design a webpage for individuals. He shared the importance of creating a webpage and even suggested the students to create their own WordPress webpage to highlight their profile, interests and other things. He demonstrated the process of installing WordPress from web and configuration of Wamp server. He elaborately illustrated every single step of configuring Wamp server. After configuration Wamp server, resource person gave a detailed demo on creating database, including adding records with many fields and setting up constraints etc.



- After creating the database, he explained and given a sample of dashboard of WordPress and explained how to effectively use the dashboard. Further he demonstrated all the steps involved on creating a new page and posts and how to add multiple posts to a page.
- He continued with integrating google map in a webpage and creating blogs. Finally, he ended the session by showcasing the aesthetical aspect of the webpage by designing user friendly and enchanting designs by use if themes and Plugins.

The webinar session ended by the vote of thanks delivered by Mr. Shahad P, Assistant Professor, Department of CSE(AI), MITS.

#### Outcome of the Webinar:

- Student participants gained knowledge on WordPress Basics
- Learned how to install, configure WordPress with Wamp server
- Gained hands on experience on creating database and dashboards, pages posts and blogs
- Practical exposure to designing aesthetical web page using various themes and plugins.

#### Photos:





**A Report on One Day Guest Lecture on**  
**“Spark for Data Analysts: Transforming Big Data into Actionable Insights”**  
**Organised by Department of Computer Science & Technology**  
**In association with IIIC**  
**19.03.2024 (Tuesday)**



**Organized by:** Mr. V. Naveen, Assistant Professor, Department of CST; Mr. D. Suresh, Assistant Professor, Department of CST

**Submitted by:** Mr. V. Naveen, Assistant Professor, Department of CST

**Resource Person:** Mr. Nethaji Muliki, Senior Consultant, Prolim Solutions India Pvt. Ltd, Bangalore.

**Participants:** II CST Department Students.

**Attendance:** 62 participants (Internal)

**Mode of conduct:** Offline

**Report Received on** 04.04.2024

Department of Computer Science & Technology, has organized One-Day industrial Lecture on “Spark For Data Analysts: Transforming Big Data into Actionable Insights” on 19.03.2024 (Tuesday) at MITS from 10:00 AM to 12:00 PM.

**Objective:**

The industrial Expert lecture on "Spark For Data Analysts: Transforming Big Data into Actionable Insights" was conducted with the aim of introducing participants to Apache Spark, a powerful framework for big data processing, and demonstrating its utility in deriving actionable insights from large datasets.

**Welcome Address:**

The event commenced promptly at 10:00 AM with a warm and engaging welcome address to all the audience by the **Mr. V. Naveen, Assistant Professor, Department of CST**, Madanapalle Institute of Technology & Science (MITS), Madanapalle. In his address, he highlighted the power of Spark for data analysis and decision-making in their respective domains.



**The resource person delivered lecture on the following topics:**

**Introduction to Apache Spark:**

The lecture commenced with an overview of Apache Spark, highlighting its significance in the realm of big data analytics. The speaker elucidated on Spark's capability to handle large-scale data processing tasks efficiently through its in-memory computing capabilities, fault tolerance, and support for various programming languages such as Scala, Java, and Python.

**Spark Architecture:**

The lecture was divided into the architecture of Apache Spark, elucidating its components such as Spark Core, Spark SQL, Spark Streaming, MLlib, and GraphX. The speaker provided insights into how these components work together to enable distributed data processing across clusters.

**Data Processing with Spark:**

The practical aspects of data processing with Spark were demonstrated through examples. Participants were guided through the process of loading data into Spark, performing transformations and actions, and leveraging Spark's APIs for data manipulation and analysis. The speaker showcased the versatility of Spark in handling structured and unstructured data formats.

**Spark for Data Analysis:**

The lecture emphasized Spark's role in facilitating data analysis tasks for data analysts. Participants learned about Spark SQL and DataFrame APIs, which enable SQL-like queries and data manipulation operations on distributed datasets. The speaker highlighted the advantages of using Spark for exploratory data analysis, data cleaning, and feature engineering tasks.

**Machine Learning with Spark:**

The lecture also touched upon Spark's capabilities in the domain of machine learning. Participants were introduced to MLlib, Spark's machine learning library, which offers a rich set of algorithms and tools for building and deploying machine learning models at scale. The speaker illustrated the process of training machine learning models using Spark, showcasing its efficiency in handling large datasets and model training workflows.

**Case Studies and Use Cases:**

To provide a real-world perspective, the lecture included case studies and use cases demonstrating the application of Spark in various industries such as e-commerce, finance, healthcare, and telecommunications. Participants gained insights into how organizations leverage Spark for tasks such as personalized recommendations, fraud detection, predictive analytics, and sentiment analysis.

**Vote of Thanks:**

At 12:00 PM, the guest lecture formally concluded with a vote of thanks delivered by **Mr. D.Suresh, Assistant Professor, Department of CST**. In his address, he expressed sincere gratitude to resource person for taking the time to share their expertise on enriching learning experience, equipping participants with the knowledge and skills to harness the power of Spark for data analysis and decision-making in their respective domains.

**Outcomes:**

At the end of the guest lecture, participants gained insights into:

- Comprehensive understanding of Apache Spark and its capabilities in enabling data analysts to derive actionable insights from large datasets.
- Through practical demonstrations, case studies, and use cases, participants gained valuable insights into the potential applications of Spark across diverse domains.



**A Report on Industrial Visit to Lepakshi Temple**  
**Organized by Department of Civil Engineering**  
**In association with Industry Institute Interaction Cell (IIC)**  
**02 March 2024**



**Submitted by: Dr. Swapneel Jaiswal, Sr. Assistant Professor, Department of Civil Engineering; Dr. Sudheer Kumar y, Sr. Assistant Professor, Department of Civil Engineering**

**Industrial Visit Information: (110 Students)**

**Report Received on 10.03.2024**

*Student's Visit to Lepakshi Temple to understand the Architectural Aspects of ancient structure and space planning*

*Students of Civil Department, MITS are ready to start travel for Industrial Visit at Lepakshi Temple*

**Background:**

The visit has planned with the core objective of understanding the concept of space planning and the applied principle under the specific purposes of development. With reference to this objective, the department of Civil Engineering, MITS, Madanapalle, organized an industrial visit for the B.Tech II and III year students to the Ancient Structures of Lepakshi Temple under ASCE Student Chapter and Industrial-Institute Interaction Cell to understand the concept of purpose based strategic planning for spaces. Total 110 Students from II and III year civil engineering from MITS, Madanapalle along with two faculty members have planned and visited the Ancient Structures of Lepakshi Temple for the purpose of Industrial Visit as part of the Skill Oriented Course - Architecture.

**Overall Program**

Lepakshi Temple, located in Andhra Pradesh, India, is renowned for its intricate architecture and rich cultural significance. Dating back to the 16th century, it is a marvel of Vijayanagara architecture, adorned with intricate carvings and sculptures. The temple is dedicated to Lord Veerabhadra, a fierce form of Shiva, and showcases exquisite craftsmanship in its pillars, ceilings, and walls. Visitors marvel at its iconic hanging pillar, which stands without any visible support.

The group left MITS college at 5 am and reached the destination at 10:00 AM. Dr. Swapneel Jaiswal, Sr. assistant Professor has discussed about the Building Architecture & it's various philosophy for ancient structures.

Dr. Swapneel Jaiswal has discussed about the civil and architectural concepts of the structure. The visit was more interactive with effective learning and the students were made to understand the theoretical concepts involved in a design and architecture of building structures and dams. The industrial visit finished at 5:00 PM and students returned back to MITS collage at 7:00 pm on same day.

We express our sincere regards to the Principal, the Management, HoD & Other faculty of Civil Engineering department, for their support and encouragement in organizing this visit.

**A Report on Webinar on**  
**"Power BI End to End Project for Beginners"**  
**Organised by Department of Computer Science & Engineering (Artificial Intelligence)**  
**in Association with IEEE & IIIC - MITS**  
**Date: 01.03.2024**



Submitted by: **Mr. K. Mahammad Assistant Professor, Dept. of CSE (AI) and Mr. R. Ashok Kumar, Assistant Professor, Department of CSE (AI), MITS.**

**Resource Person: Mr. Parthiban Rajan, Senior Software Engineer, CGI Bengaluru.**

**Venue: MITS Seminar Hall-B**

**Participants: II AI Students (140 – Students)**

**Date and Time: 01.03.2024, 10:00 A.M to 12:00 P.M**

**Mode of Conduct: Online**

**Report Received on 02.03.2024.**

Department of Artificial Intelligence in Association with Institute of Electrical and Electronics Engineers (IEEE) and Industry-Institute Interaction Cell (IIIC) Organised a Webinar on **"Power BI End to End Project for Beginners"** in MITS-Seminar Hall-B on March 1<sup>st</sup> 2024 from 10:00 A.M to 12:00 P.M.

The webinar session started on 01.03.2024 at 10:00 A.M with welcome address given by Mr. K. Mahammad, Assistant Professor Department of CSE(AI), followed by the introduction delivered by Dr. K. Chokkanathan, HoD & Associate Professor, Department of CSE(AI). Later Vice Principal Academics Dr. Ramanathan addressed the gathering and mentioned the importance of Power BI in his speech.

The resource person started the session by extending his hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on "Power BI".

The resource person shared the following topics as the agenda for the webinar

- What are Power BI Visuals
- Types of Visuals
- Positioning of Visuals
- Standard Power BI Visuals
- Custom Power BI Visuals
- Tips for Using Visuals in Power BI.

The resource person started the session by sharing the basics of Power BI and its uses in generating enticing visualization. He explained the importance of visualization that helps any organization to present any kind of data in a more meaningful and insightful way.

He demonstrated the process of importing data set in the form of excel into the Power BI application and creating various types of visualization. Further, he has given a detailed demo on creating various types of visualizations. Some of the visualization types he demonstrated are Bar chart, Grouped Bar, stacked bar, line chart, column line, donut chart, tree map and slicers.

After creating many visualizations, the resource person demonstrated how to synchronize the slicers and various charts and integrating many types of charts where change in one chart reflected in all other charts.

Finally, he concluded the session with the procedure to create a student Microsoft account and start using Power BI tools and shared the online resources to download various datasets to practice visualization as a beginner.

The webinar session ended by the vote of thanks delivered by Mr. R. Ashok Kumar, Assistant Professor, Department of CSE(AI), MITS.



### Outcome of the Webinar:

- Student participants gained knowledge on importance of Power BI and its basics
- Understood the steps in importing various datasets from various sources into Power BI
- Hands on experience on creating various types of visualisations
- Deep understanding on Integrating and synchronising different charts.

### Photos:





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## Report **Alumni Guest Lecture** on **“Career Opportunities for Young Graduates in the Energy Sector”** Organised by **Department of Electrical & Electronics Engineering**

**Date: 29.02.2024**

**Time: 1.20 PM**

**Venue: WB117**

**Organized in association with: Alumni Welfare Association & IIC, MITS-Madanapalle**

**Submitted by:** Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EEE

**Attendance: 57 participants including faculty.**

**Faculty attended:**

- |                           |                                |
|---------------------------|--------------------------------|
| 1. Dr A V Pavan Kumar     | - HoD/EEE                      |
| 2. Mr. M. Venkatesh       | - EEE Dept. Alumni Coordinator |
| 3. Dr.T.S.Balaji Damodhar | - Assistant Professor/EEE      |
| 4. Mr. D.Saravanan        | - Assistant Professor/EEE      |

**Students Attended: EEE: 53**

**Venue: WB117**

The program is started at 9:15 AM with a welcome address to all the Participants and the resource person **Mr. Akkenaguntla Karthik, 2016-2020, Cloud Administrator-TCS & PGDM, Energy Management, NSB-NTPC School of Business** by the Dr. A V Pavan Kumar, H.O.D, EEE, MITS, Madanapalle.

The resource person started the session at 1.30 PM by extending his hearty thanks to the participants, organizing members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on **“Energy Sector”**.

The following topics were interacted with students to update their basic skill sets to meet the corporate requirement.

**1. The evolving energy landscape:**

Discuss the current state of the energy sector, highlighting the shift towards renewable sources like solar, wind, and geothermal energy.

**2. Emerging career paths:**

Explored a range of exciting career opportunities available in various segments of the energy sector, including research and development, project management, policy analysis, and business development.

**3. Essential skills and knowledge:**

shared the crucial skills and knowledge needed to succeed in this dynamic field, covering technical expertise, problem-solving abilities, and communication skills.

**4. Strategies for building a successful career:**

Provided Valuable insights and practical tips to help you navigate the job market, build a strong network, and launch a fulfilling career in the energy sector.





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5. The Urgency to Act on Climate Change
6. Energy modeling software-GAMS, PLEXOS, PVSYST, TRANSYS18, MATLAB.
7. Discussed power exchanging companies in India-IEX, PXIL, HPX.
8. Carbon Capture, Utilization and Storage (GCT, CREW CARBON, ARBON EARTH, AIRBUILD)
9. Job Opportunities in Energy Sector.

## Program outcome:

1. Gain a deeper understanding of the current state and future trends within the energy sector.
2. Learn about diverse career paths and opportunities in the field of energy.
3. Identify the essential skills and knowledge required for success in the energy sector.

The session concluded with the vote of thanks given by **Mr.M. Venkatesh, AP/EEE**. I would like to take this opportunity to thank the Management, Principal, Vice-Principals, HOD and all the people who directly and indirectly involve in organizing this event.

## Photos:

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
Madanapalle-517325, Annamaya Dist., Andhra Pradesh

Organized by Dept. of EEE Association with MITSAWA and IIIC.  
Alumni Guest Lecture on  
**Career Opportunities for  
Young Graduates in the Energy Sector**

**Resource Person**  
**Mr. Akkenaguntla Karthik**  
Cloud Administrator-TCS & PGDM, Energy Management,  
NSB-NTPC School of Business - BATCH: 2016-2020

Date : 29.02.2024 Time : 1.20 PM Venue: WB117-VIRTUAL

Chief Patron: Dr. N. Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent  
Patron: Mrs. Keerthi Nadella, Executive Director  
Program Chair: Dr. C. Yuvaraj, Principal  
Chief Convener: Dr. A.V. Pavan Kumar, Professor, HoD EEE  
Convener: Mr. M. Venkatesh, Assistant professor/EEE

www.mits.ac.in

**The Urgency to Act on Climate Change**

**INDIA'S 'PANCHAMRIT' AT COP26**  
by Prime Minister Narendra Modi

India's Updated NDCs (Nationally Determined Contributions)

1. Reach non-fossil energy capacity to 500GW by 2030
2. Meet 50% energy requirements with RE by 2030
3. Reduce 1 bn carbon emissions by 2030
4. Reduce carbon intensity 45% by 2030
5. Achieve the target of Net-Zero by 2070

**Energy Modelling Software**

Logos: GAMS, TRANSYS18, PLEXOS, PVSYST

**Power Exchange Companies**

Logos: IEX, PXIL, HPX

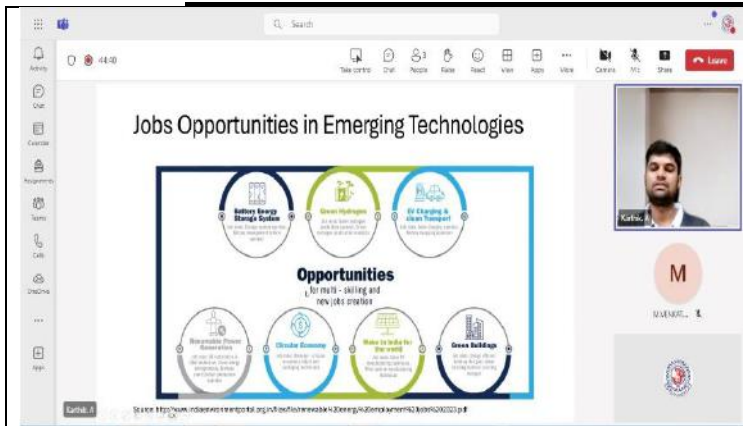
**Gas Exchange Companies**

Logo: IGX



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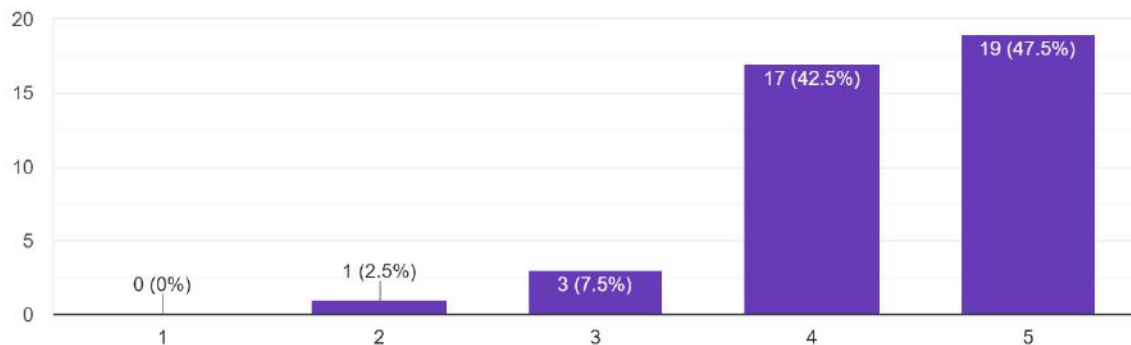
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## Feedback:

1. The interactive session was scheduled at a suitable time

40 responses







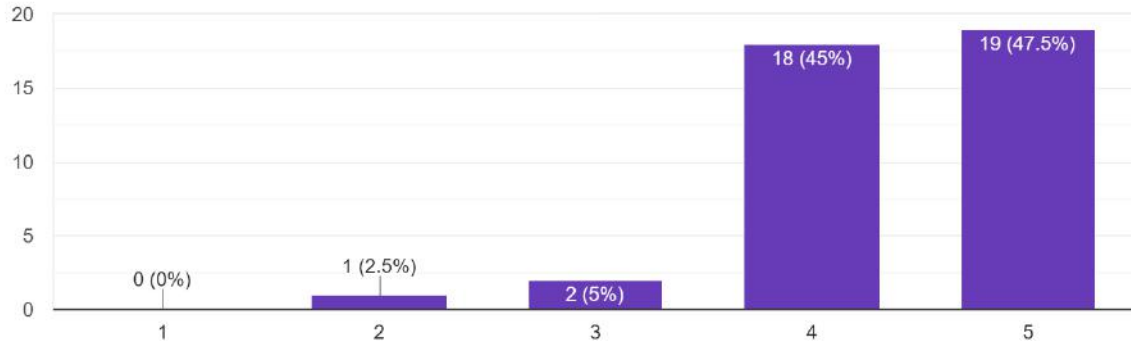
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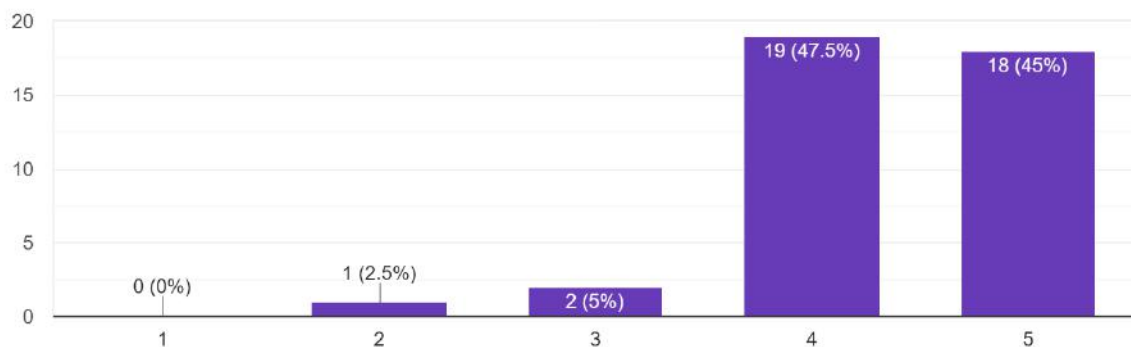
## 2. The interaction was useful and resource person explanation.

40 responses



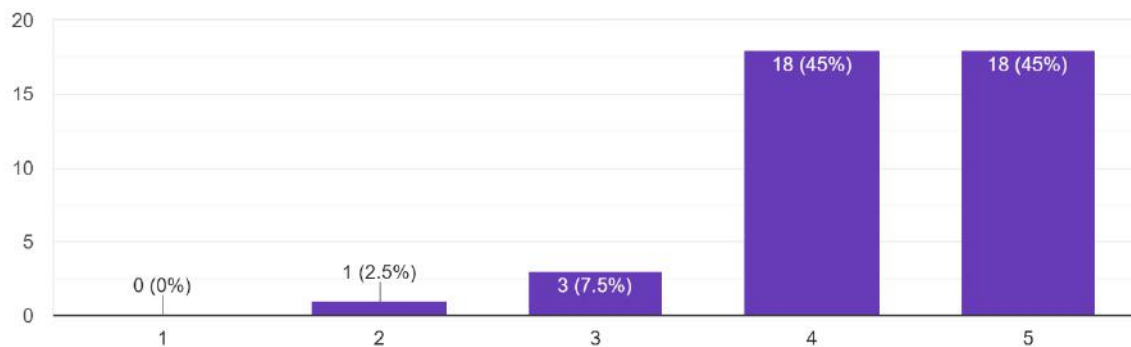
## 3. The information in the interaction was presented in a clear and organized manner.

40 responses



## 4. The presenter responded to questions an informative, appropriate and satisfactory manner.

40 responses





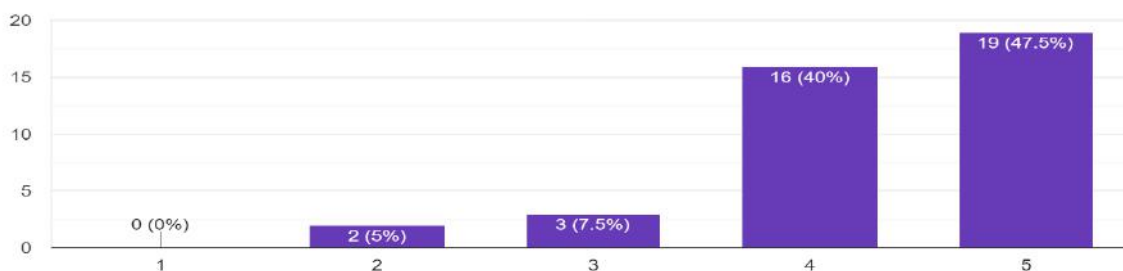
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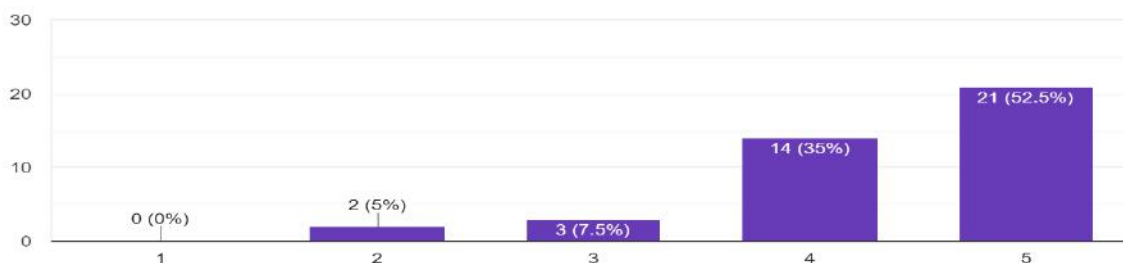
5. your impression of facilities provided by the institute for interaction.

40 responses



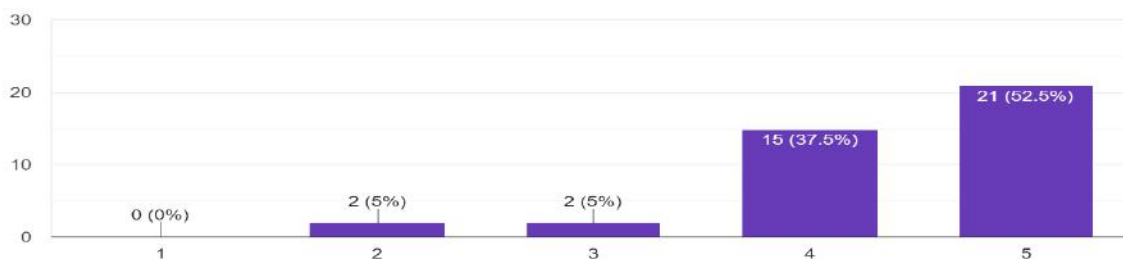
6. Overall, the session was informative and valuable.

40 responses



7. In what ways could this interaction have been improved to better suit your needs?

40 responses



Signature of the Coordinator

Signature of HoD, EEE





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**Report on**  
**Industrial Visit**  
**to**  
**“Sathanur Hydro-Electric Power Station”**  
**Organised by**  
**Department of Electrical & Electronics Engineering**  
**In Association with IIC, IEEE and ISTE Chapter, MITS**  
**Date: 23.02.2024**

**Coordinator: Dr. T S Balaji Damodhar**

**Submitted by: Mr. Saravanan D, Assistant Professor, Dept. of EEE**

**Participants: B. Tech-II Yr / II Sem-EEE Students**

**Total No of participants: 53**

**Faculties Accompanied:**

Dr. T S Balaji Damodhar

Mrs. K. Revathi

Mr. Syed Shahenshah

**Introduction:**

On 23 Feb 2024, a group of B.Tech. III Year/II Sem -EEE students from Madanapalle Institute of Technology, Madanapalle, Andhra Pradesh, embarked on an industrial visit to the Sathanur Hydro-Electric Power Station. The purpose of the visit was to provide students with practical insights into the operation, maintenance, and functioning of a hydro-electric power plant.

**Objectives of the Visit:**

- Gain practical knowledge about the generation of electricity through hydropower.
- Understand the components and working principles of a hydro-electric power station.
- Learn about the environmental impact and sustainability aspects of hydro-electric power generation.
- Explore career opportunities and potential roles in the field of hydro-electric power generation.
- Explore the Research Possibilities and the technical problems associated with the hydro-electric power plants.

**Overview of Sathanur Hydro-Electric Power Station:**



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Sathanur Hydroelectric Power Plant is located at Sathanur, Near Thiruvannamalai, Tamil Nadu, India. Location coordinates are: Latitude = 12.1833, Longitude = 78.8505. This infrastructure is Hydro Power Plant type with a design capacity of 7.5 MW. It has 1 unit.

The first unit was commissioned in 1999. It is operated by Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO).

## **Technical Details of Plant:**

### **PLANT FEATURES:**

Plant Capacity: 7.5 MW

Land for Plant: 17,750 acres

Type of plant: Vertical Kaplan

Length of penstock: 40m

Penstock (Internal diameter): 2.60m

Height of dam: 36.28m

### **Activities During the Visit:**

The visit commenced with a guided tour of the power station facilities. Students were accompanied by the team experienced engineers headed by Er. K Suresh, Assistant Executive Engineer, who provided detailed explanations about each stage of electricity generation.

Students attended informative presentations covering topics such as the working principle of hydro-electric turbines, control systems, and safety protocols implemented at the power station. Students were encouraged engage in discussions with the power station staff. This provided valuable insights into the practical challenges faced in hydro-electric power generation. Students had the opportunity to observe the functioning of turbines, generators, and other equipment firsthand.

An environmental impact of hydro-electric power generation was discussed, emphasizing the importance of sustainable practices and mitigating adverse effects on ecosystems.

## **Key Learnings:**

***Understanding of Hydro-Electric Power Generation:*** Students gained a comprehensive understanding of the principles underlying hydro-electric power generation, including water flow dynamics, turbine operation, and electricity generation.

***Technical Knowledge:*** Exposure to the equipment and control systems used in hydro-electric power stations enhanced students' technical knowledge and practical skills.





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**Environmental Awareness:** Students developed an awareness of the environmental impact of hydro-electric power generation and the importance of implementing eco-friendly practices.

**Career and Research Insights:** The visit provided students with valuable insights into potential career paths in the field of hydropower, including roles in design, operation, maintenance, and environmental management.



## Conclusion:

The Industrial Visit to the Sathanur Hydro Power Plant, Sathanur was highly successful. Students have received insight of the whole plant right from the technical details, processing, generation & transmission of electricity. The whole process was explained in detail by the Assistant Executive Engineer with detailed description about each equipment with their specifications. A doubt solving session and interactive was held in the Control Room. This kind of industrial exposure helps them to absorb the theoretical aspects of Power Plant and Power Electronics Engineering more efficiently.



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## Acknowledgments:

We thank our college management, the Principal, Vice-Principal-Academics, Vice-Principal-Administration and the HoD for giving us the permission to experience such an insightful Industrial visit to Sathanur Hydro-Electric Power Station. We extend our sincere thanks to the management and staff of the Sathanur Hydro-Electric Power Station for their hospitality and cooperation in organizing this Industrial visit.

*T. S. Balaji Ramothar*

**Coordinator**

*Paul*

**Head of the Department/ EEE**





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**Report Alumni Guest Lecture on  
“SRE and Data Science Opportunities in USA”  
Organised by Department of Electrical & Electronics Engineering  
Date: 02.02.2024  
Time: 9.15 AM  
Venue: WB117**

**Organized in association with: Alumni Welfare Association & IIC, MITS-Madanapalle**

**Submitted by: Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EEE**

**Attendance: 65 participants including faculty.**

**Faculty attended:**

- |                           |                                |
|---------------------------|--------------------------------|
| 1. Dr A V Pavan Kumar     | - HoD/EEE                      |
| 2. Mr. M. Venkatesh       | - EEE Dept. Alumni Coordinator |
| 3. Dr.T.S.Balaji Damodhar | - Assistant Professor/EEE      |
| 4. Mr. Ibrahim Zafar      | - Assistant Professor/EEE      |
| 5. Ch.Srinivas            | - Assistant Professor/EEE      |

**Students Attended: EEE: 60**

**Venue: WB117**

The program is started at 9:15 AM with a welcome address to all the Participants and the resource person **Mr. Manoj Kuppam, Sr Vice President SRE, JPMorgan Chase & Co, USA**, by the Dr. A V Pavan Kumar, H.O.D, EEE, MITS, Madanapalle.

The brief introduction to resource person was given by Dr. A V Pavan Kumar, H.O.D, EEE, after that session is handover to **Mr. Manoj Kuppam, Sr Vice President SRE, JPMorgan Chase & Co, USA**,

The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on “**SRE and Data Science Opportunities in USA**”.

The topics were covered by resource person are related to the career opportunities in software industry based on SRE, DevOps and acquire knowledge to meet the corporate industries. The session started from the basic needs for getting job in software industry and it gone so far how to sustain in that, field.

The following topics were interacted with students to update their basic skill sets to meet the corporate requirement.

1. Importance of IELTS, TOEFL, GRE,
2. Job Opportunities in SRE and Data Science
3. How to apply for job
4. How to apply for Intern in US
5. Visa Process to US
6. What is SRE.



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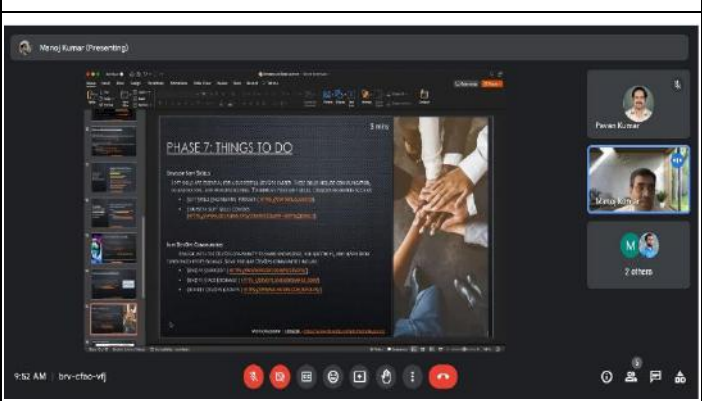
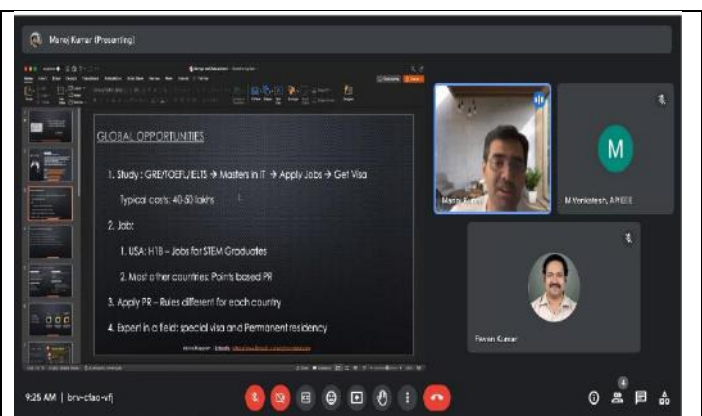
7. How SRE Works
8. How to be Data Science Engineer
9. A deeper understanding of the tools, process, and technologies.
10. Experience in operating SRE and infrastructure.
11. Maintenance and Troubleshooting techniques.
12. Opportunities in SRE.

## Program outcome:

1. Students gained knowledge of SRE.
2. Resource person explained skill sets required to get placed in Software companies that's very helpful to the students who thinks to select SRE opportunities.
3. The session is on SRE and Data Science Opportunities in USA was valuable to the students that created awareness among them to get job with Employment guarantee in USA.
4. Students Gained how to apply for visa and Intern opportunities in USA.
5. From this session students gained knowledge of Data Science.

The session concluded with the vote of thanks given by **Mr.M. Venkatesh, AP/EEE**. I would like to take this opportunity to thank the Management, Principal, Vice-Principals, HOD and all the people who directly and indirectly involve in organizing this event.

## Photos:







# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)

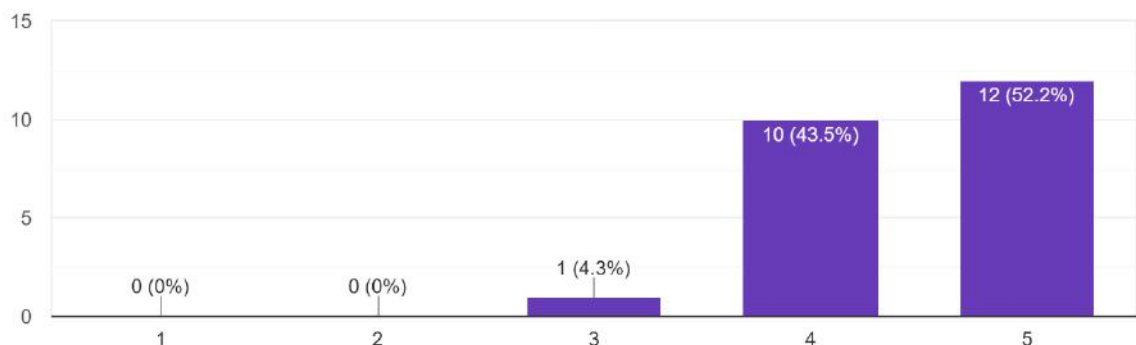


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## 1. The interactive session was scheduled at a suitable time

23 responses



Feedback:



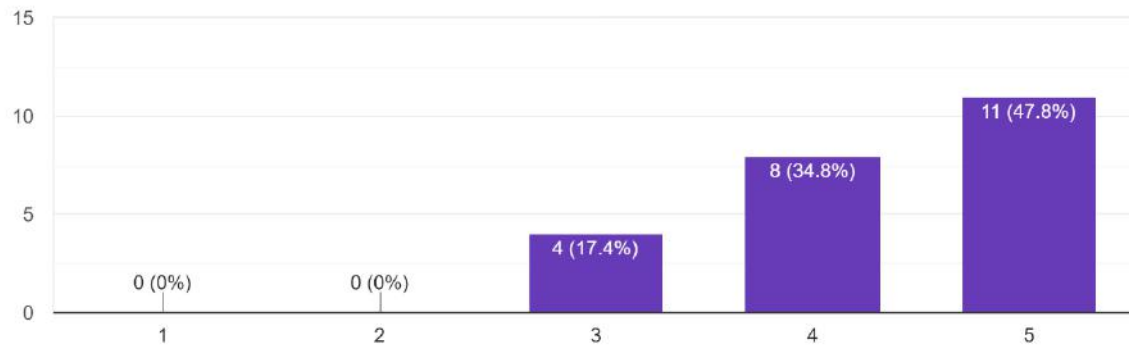
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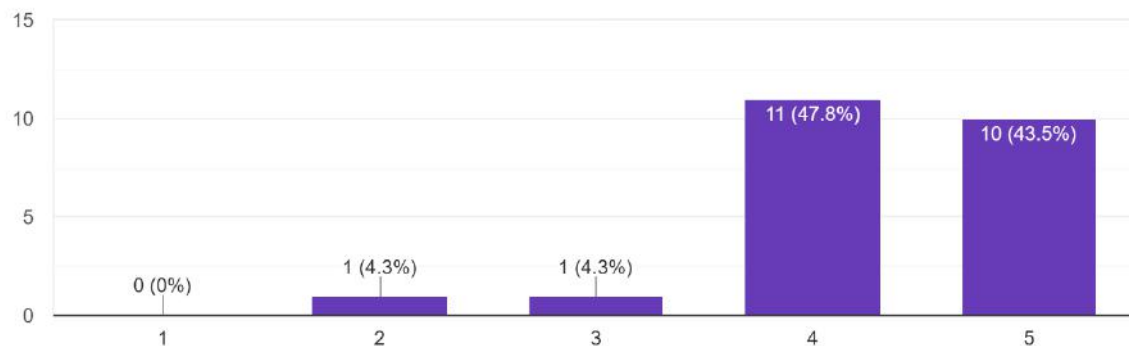
## 2. The interaction was useful and resource person explanation.

23 responses



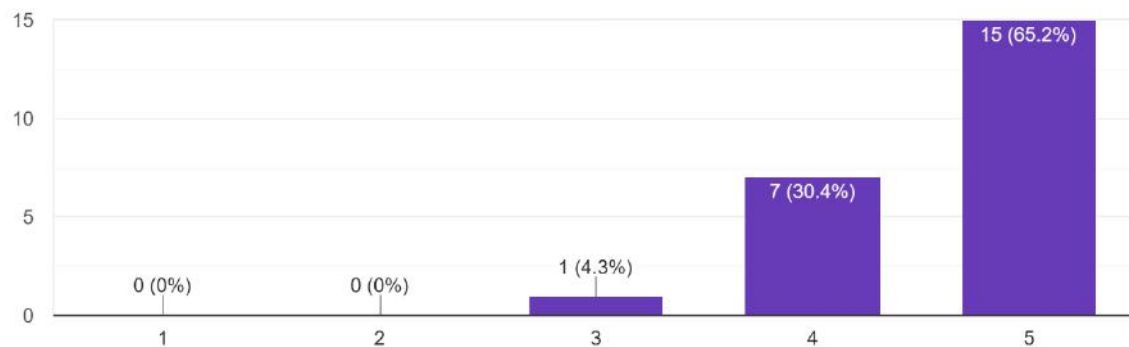
## 3. The information in the interaction was presented in a clear and organized manner.

23 responses



## 4. The presenter responded to questions an informative, appropriate and satisfactory manner.

23 responses







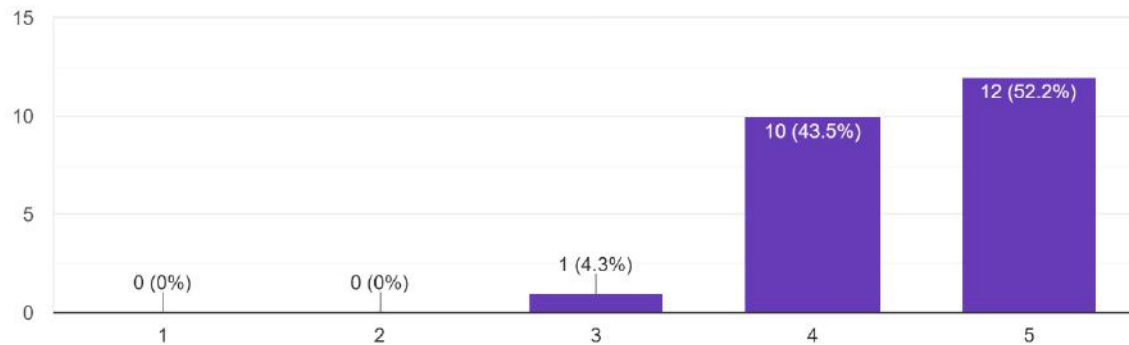
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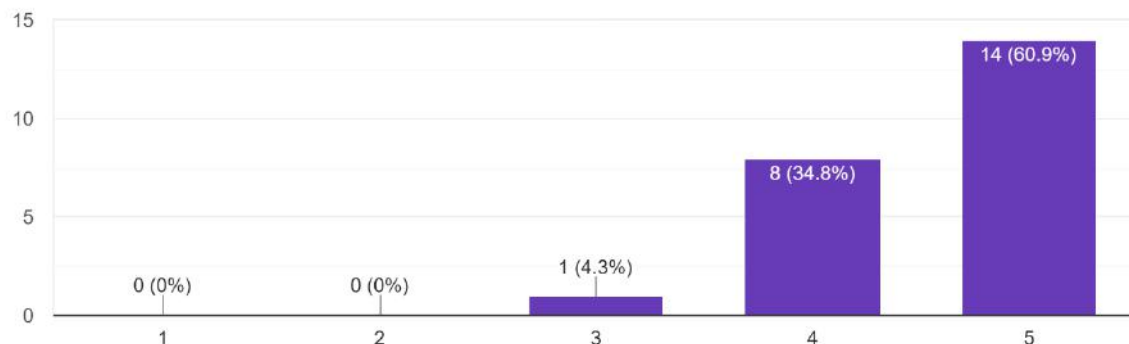
5. your impression of facilities provided by the institute for interaction.

23 responses



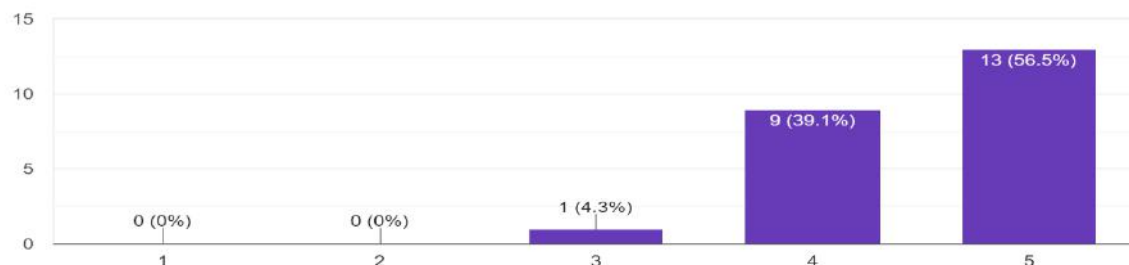
6. Overall, the session was informative and valuable.

23 responses



7. In what ways could this interaction have been improved to better suit your needs?

23 responses





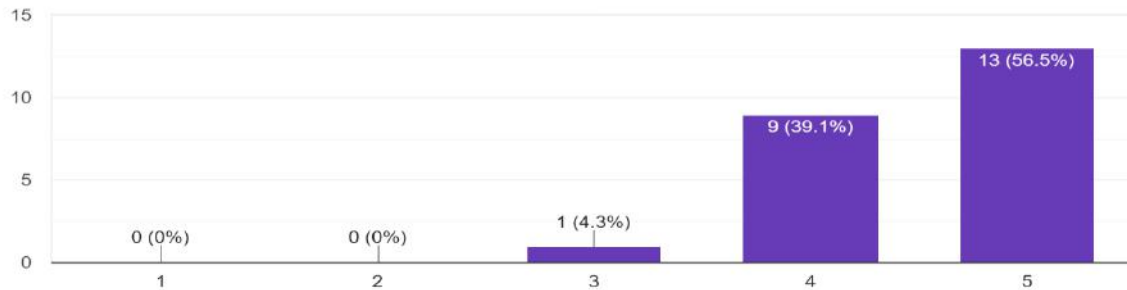
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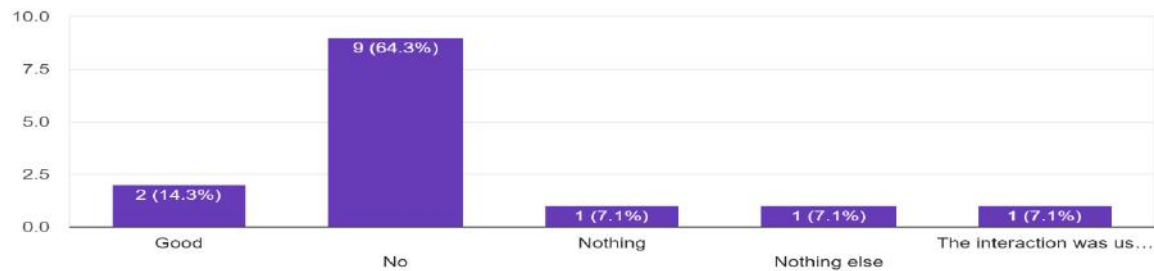
7. In what ways could this interaction have been improved to better suit your needs?

23 responses



8. Any Other Comments

14 responses



Signature of the Coordinator

Signature of HoD, EEE





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## **Report Alumni Guest Lecture On “Career Guidance to Core Opportunities” Organised by Department of Electrical & Electronics Engineering In Association with IIC & Alumni Welfare Association, MITS-Madanapalle**

**Date: 28.11.2023**

**Time: 1.00 PM**

**Venue: WB117**

**Submitted by:** Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EEE

**Attendance: 68 participants including faculty.**

**Faculty attended:**

- |                       |                                |
|-----------------------|--------------------------------|
| 1. Dr A V Pavan Kumar | - HoD/EEE                      |
| 2. Mr. M. Venkatesh   | - EEE Dept. Alumni Coordinator |
| 3. Mr. Ibrahim Zafar  | - Assistant Professor/EEE      |

**Students Attended: EEE: 65**

**Venue: WB117**

The Event is started at 1.00PM with a welcome address to all the Participants and the resource person **Mr. Sai Charan Reddy, Inverter Engineer, L&T Technology Service Ltd Bengaluru** by the Dr. A V Pavan Kumar, H.O.D, EEE, MITS, Madanapalle.

The brief introduction to resource person was given by Dr. A V Pavan Kumar, H.O.D, EEE, after that session is handover to **Mr. Sai Charan Reddy, Inverter Engineer, L&T Technology Service Ltd, Bengaluru.**

The resource person started the session by extending his hearty thanks to the participants, organising members, HoD, Principal and Management of MITS Madanapalle for giving opportunity to share his knowledge and experience on “**Career Guidance to Core Opportunities**”.

The topics were covered by resource person are related to the career opportunities in Core industry and skill sets to meet the needs of corporate industries. The session started from the basic needs for getting job in Core industry and it gone so far how to sustain in that, field.

The following topics were interacted with students to update their basic skill sets to meet the corporate requirement.

1. Advantages of choosing core jobs.
2. Skill sets for core jobs
3. Opportunities for EEE
4. List of Core private companies & government companies
5. Opportunities in R& D for EEE
6. Opportunities in Design oriented core jobs
7. How to get placed in L&T.
8. Importance of MATLAB & software's in Design Engineering jobs
9. Salary packages in core companies.



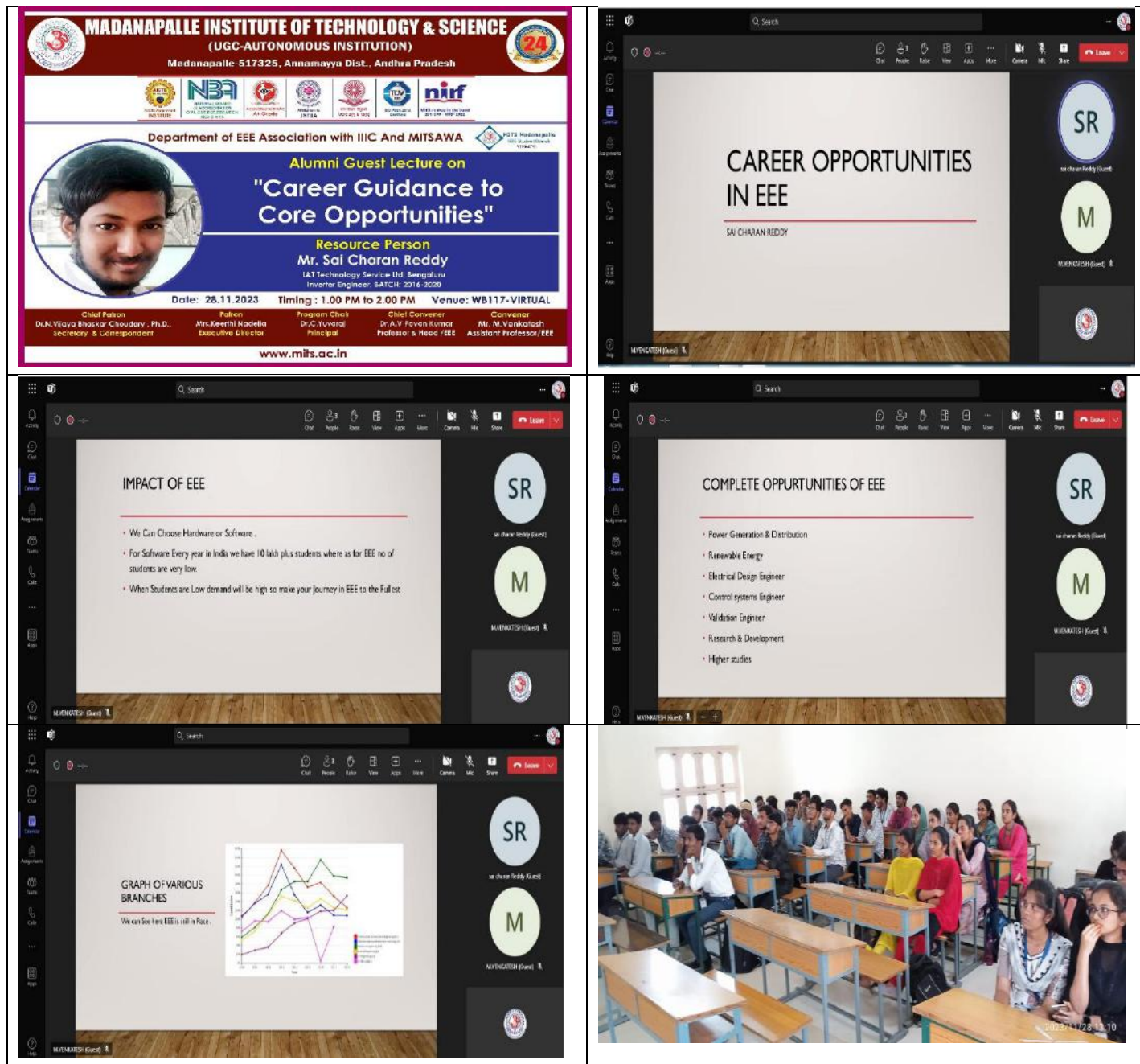
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The session concluded with the vote of thanks given by **Mr. M. Venkatesh, AP/EEE**. I would like to take this opportunity to thank the Management, Principal, Vice-Principals, HOD and all the people who directly and indirectly involve in organizing this event.

## Photos:







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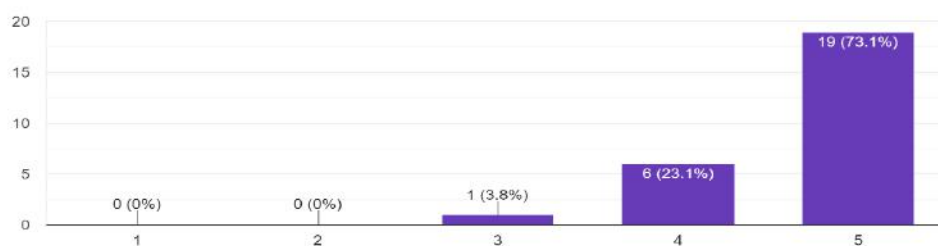
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## Feedback Analysis:

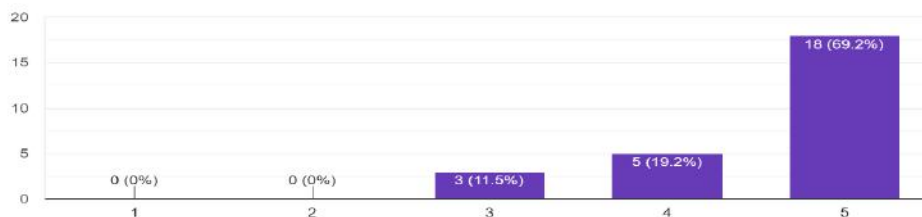
1. The interactive session was scheduled at a suitable time

26 responses



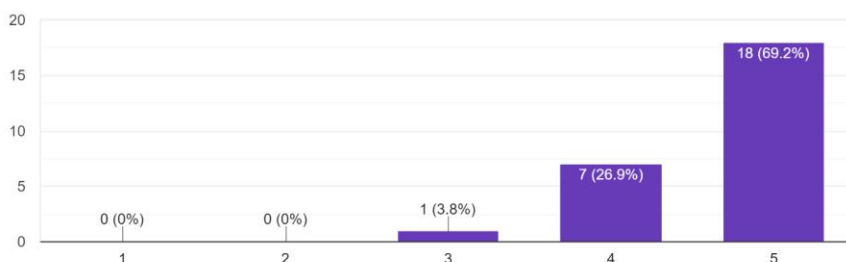
2. The interaction was useful and resource person explanation.

26 responses



3. The information in the interaction was presented in a clear and organized manner.

26 responses





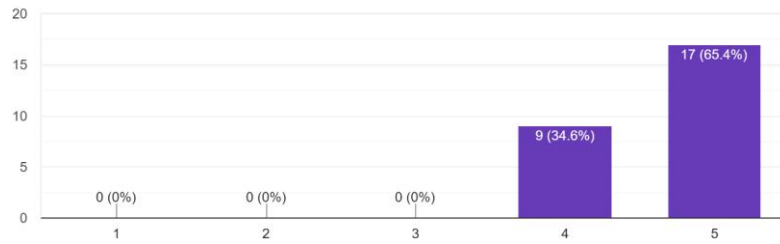
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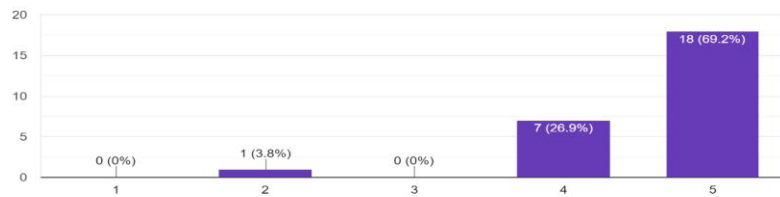
4. The presenter responded to questions in an informative, appropriate and satisfactory manner.

26 responses



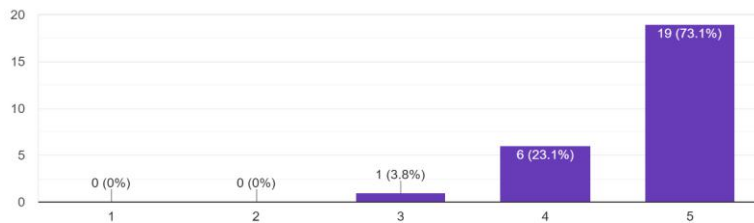
5. your impression of facilities provided by the institute for interaction.

26 responses



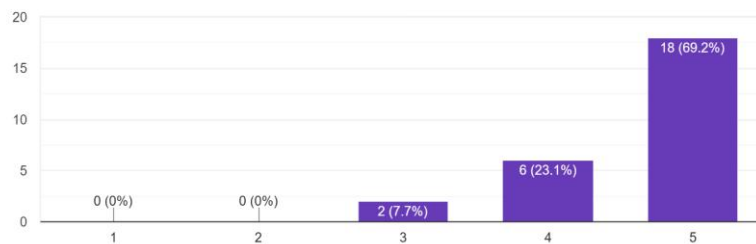
6. Overall, the session was informative and valuable.

26 responses



7. In what ways could this interaction have been improved to better suit your needs?

26 responses



Signature of the Coordinator

Signature of HoD, EEE





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## DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

**Report on**  
**Industrial Expert Lecture on**  
**“Project Management office Toolkit**  
**in JIRA Environment”**  
**In association with**  
**IIIC/MITS**  
**On**  
**15.11.2023**

**Organized by:**

1. Mr.V.Naveen, Assistant Professor, IIIC Coordinator, Department of CST
2. Mr.D.Suresh, Assistant Professor, Department of CST

**Submitted by:**

Mr.V.Naveen, Assistant Professor, IIIC Coordinator, Department of CST

**Resource Person Details:**

Mr.Mothadi Manoj kumar,  
Associate Software Engineer,  
Accenture Pvt. Ltd, Bengaluru

**Participants:** III Year CST Students

**Attendance:** 70 participants

**Venue:** CST Department

**Mode:** Offline

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
Madanapalle-517325, Annamayya Dist., Andhra Pradesh



**Organized by**  
Department of Computer Science & Technology

**Industrial Expert Lecture on**  
**‘Project Management office Toolkit**  
**in JIRA Environment’**  
**Mr.MOTHADI MANOJ KUMAR, ASSOCIATE SOFTWARE ENGINEER**  
**ACCENTURE PVT. LTD, Bengaluru**  
**DATE:15.11.2023**  
**VENUE:CST DEPARTMENT**  
**Convener**  
**Dr.M.SREEDEVI, HOD/CST**  
**Coordinators**  
**1.Mr.V.NAVEEN, AP/CST**  
**2.Mr. D.SURESH, AP/CST**

Department of Computer Science & Technology has organized “**An Industrial Expert Lecture on “Project Management office Toolkit in JIRA Environment”**” on **15.11.2023** (Wednesday) in association with IIIC, MITS from 10:00 AM to 12:00 PM.

### **WELCOME ADDRESS**

The event commenced promptly at 10:00 AM with a warm and engaging welcome address to all by **Mr. V.Naveen, Assistant Professor, Department of CST**, Madanapalle Institute of Technology & Science (MITS), Madanapalle. The main objective of an Industrial Expert Lecture on “Using Jira Work Management for project management frameworks” is it makes it easier to visualize the progress of tasks, establish priorities, and allow team members to provide updates and comments with greater autonomy.

### **Resource Person Lecture:**

Mr.Mothadi Manoj kumar, Associate Software Engineer, Accenture Pvt. Ltd, Bengaluru started to explain about PMO Toolkit,



Project Management Office, often referred to by its abbreviation **PMO**, is an organizational unit, which appears in a growing number of companies in Poland. Every company conducting a dozen simultaneous projects begins to identify the need to have a central unit, which **would help educate people, standardize processes and templates,**





- **Planning:** It enables teams to break ideas into manageable tasks.
- **Tracking:** It prioritizes and visualizes the entire project in one location.
- **Reporting:** It analyzes real-time visual data.
- **Automating:** It helps save time on repetitive tasks with automation.



Jira is most commonly known as a “bugtracker”, i.e. an instrument used for reporting errors in software. It was, in fact, its primary functionality for many years and thanks to it Jira was implemented in numerous companies. However, over the years, new functions were being added to it, which, in turn, made Jira evolve into a **multifunctional and flexible tool** capable of fulfilling the requirements of programming teams, IT, or business needs related to HR, sales and purchasing divisions, or PMO. Products which belong to the Atlassian family currently include a dozen of items almost all of which allow for the installation of extensions manufactured by third parties. As a result, we get a wide plethora of functionalities with nearly unlimited choice options.







**Toolset which meets the needs of the majority of our customers is:**

- **Jira by Atlassian** – software that ensures process, automation, possibility to register task, assignation of responsible persons, and registration of working time.
- **BigPicture by Software plant** – Jira add-on which provides the design layer, Gantt chart, task management in agile environment and SAFe (Scaled Agile Framework), resource management, and project risks management.
- **Confluence by Atlassian** – data repository, creation of project documentation, meeting notes, specifications, and requirement sets. Online collaboration among the team members.

This usually entails the need to buy the Big Picture license, as many companies are already using Jira and Confluence for units other than PMO.

### **Vote of thanks**

The industrial Expert lecture formally concluded with a vote of thanks delivered by **Mr.D.Suresh, Assistant Professor, Department of CST**. In his address, he expressed sincere gratitude to resource person for taking the time to share his expertise and inspire our students and promoting a culture of lifelong learning.

**Program Outcomes:**

**At the end of Program, Students can able to,**

1. Interpret the fundamentals of PMO toolkit.
2. Classify how Jira Software helps to track projects.
3. Infer products that belong to the Atlassian family.
4. Identify Toolset, which meets the needs of the majority of our customers
5. Analyze best possible implementation of the most important initiatives at the Organization.

**HOD/CST**



**A Report on Alumni Guest Lecture on**  
**“Role of Performance tester: Sharing updates on current opportunities”**  
**In association with IIIC/MITS on**  
**26.10.2023**



**Organized by:** Mr. D. Suresh, Assistant Professor, Department of CST and Mr. V. Naveen, Assistant Professor, IIIC Coordinator, Department of CST

**Submitted by:** Mr. D. Suresh, Assistant Professor, Department of CST

**Resource Person Details:** Ms. D. Reddy Sowmya, Program Analyst, Cognizant Technologies Solutions India Pvt. India, Bangalore

**Participants:** II Year CST Students

**Attendance:** 72 participants

**Venue:** CST Department

**Mode:** Offline

Department of Computer Science & Technology has organized an Alumni Guest Lecture on “Role of Performance tester: Sharing updates on current opportunities” on 26.10.2023(Thursday) in association with IIIC, MITS from 1:00 PM to 03:00 PM.

### WELCOME ADDRESS:

The event commenced promptly at 1:00 PM with a warm and engaging welcome address to all the audience by **Mr. D. Suresh, Assistant Professor, Department of CST**, Madanapalle Institute of Technology & Science (MITS), Madanapalle. The main objective of an alumni guest lecture on “**Role of Performance tester: Sharing updates on current opportunities**” is to enhance the testing skills of the students in the field of software testing.

In his address, he highlighted the significance of the alumni guest lecture on performance testing. It provides a unique opportunity for our current students to engage with a successful alumnus, learn from their experiences and consider potential career paths in testing related fields.



### Resource Person Lecture:

Ms. D. Reddy Sowmya, Program Analyst, Cognizant Technologies Solutions India Pvt. India, Bangalore started to explain about what is performance testing and she explained about the roles played by a tester in software development.

She added up with Performance tester does volume testing on large amounts of data to see how well the software performs with a high projected data volume. The purpose of volume testing is to evaluate system performance with huge data volume in the system.

Performance Tester or Performance Test Engineer is the critical resource for any performance testing projects. They are the building blocks for the project. Following are their responsibilities.

- Understanding the non-functional requirements from business
- Analysing the critical business scenarios
- Analysing the service level agreement objectives
- Developing the test scripts
- Enhancing the scripts by creating/implementing
  - Parameterization
  - Checkpoints
  - Transactions
  - Reusable functions
  - Correlations
  - Actions/Blocks
  - Iterations
  - Pacing
  - Think Time
- Designing workload model
- Test Execution
- Test Monitoring
- Analysing the test results
- Preparing the test report



Lead Performance Tester or Team Lead are the captain for the ship who ensures safe travel. They might not involve in scripting and execution, but they should lend their hands if the tester is facing any issue in scripting.

Following are their responsibilities:

1. Conduct meeting with the business or development team to identify the scope
2. Thorough understanding of business and the infrastructure
3. Preparing the performance test strategy
4. Analysing the tool capabilities
5. Securing the performance test environment
6. Communicating with business/development team manager regularly
7. Coordinating performance testers and monitoring their progress
8. Reviewing the test scripts
9. Reviewing the workload model
10. Reviewing the test execution results
11. Reviewing the final test results
12. Conducting defect triage meetings
13. Presenting the report to the development/business team
14. Securing the approvals from the architects

### Vote of Thanks:

The alumni guest lecture formally concluded with a vote of thanks delivered by **Mr. V. Naveen, Assistant Professor, Department of CST**. In his address, he expressed sincere gratitude to resource person for taking the time to share their expertise and inspire our students and promoting a culture of lifelong learning.





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## DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

### Report on

“One-Day Guest Lecture on Converting Innovation into a Startup”

In association with

IIIC/MITS

On

29.09.2023

### Organized & Submitted by:

Mr.V.Naveen, Assistant Professor, IIIC Coordinator, Department of CST

### Resource Person Details:

Mr.V.Yaswanth,  
Managing Director,  
Bright Geeks Technologies,  
Bengaluru, Karnataka.

**Participants:** III Year CST Students

**Attendance:** 120 participants

**Venue:** CST Department

**Mode:** Offline



## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Madanapalle-517325, Annamayya Dist., Andhra Pradesh



Organized by  
Department of Computer Science & Technology



**Yaswanth Varigonda**  
Managing Director

**One Day Guest Lecture on**  
**‘Converting Innovation into Startup’**

**Mr.V.Yaswanth,**  
Managing Director,  
Bright Geeks Technologies,  
Bengaluru, Karnataka.

**DATE:29.09.2023**

**VENUE:CST DEPARTMENT**

**Convener**  
**Dr.M.SREEDEVI, HOD/CST**

**Coordinators**  
**Mr.V.NAVEEN, AP/CST**

Department of Computer Science & Technology has organized “One-Day Guest Lecture on Converting Innovation into a Startup” on **29.09.2023** (Friday) in association with IIIC, MITS from 02:00 PM to 04:00 PM.

## **WELCOME ADDRESS**

The event commenced promptly at 10:00 AM with a warm and engaging welcome address to all by **Mr. V.Naveen, Assistant Professor, Department of CST, Madanapalle Institute of Technology & Science (MITS), Madanapalle**. The main objective of a guest Lecture on “Converting innovation into start up” is in a rapidly changing world, innovation is the key to survival for start-ups. In addition, it is about much more than developing the next game-changing idea; innovation is fundamental to problem solving, increased productivity and staying one-step ahead of the competition

## **Resource Person Lecture:**

Mr.V.Yaswanth, Managing Director, Bright Geeks Technologies, Bengaluru, Karnataka started to explain about converting innovation into start up,







## How to turn idea into Startup

For entrepreneurs, it is often easier to come up with a variety of ideas for new businesses and more difficult to actually implement those concepts. A business concept is a bridge between an idea and a business plan. It focuses one's thinking so that the entrepreneur can identify the specifics of his/her proposed venture.

Converting an idea into a business concept requires thinking about how the product or service will be sold and who will buy it, the benefits of the product or service, how it is differentiated from similar ones, and methods of delivery. Preparing a written concept statement helps unearth critical components of a venture and begins research into key factors that may be more thoroughly addressed in a business plan. As the business idea takes form as a concept statement, the entrepreneur can evaluate the business more effectively for potential challenges and pitfalls.

A clear business concept also enables the founder to succinctly describe the precise nature of the business to suppliers, customers, lenders, and resource team members; an important skill for entrepreneurial success.



He suggested that when describing his/her business idea, the entrepreneur should answer the following questions:

- a. What is my product/service?
- b. What does my product/service do?
- c. How is it different or better than other products/services?
- d. Who will buy the product/service?
- e. Why will they buy the product/service?
- f. How will the product/service be promoted and sold/offered?
- g. Who are my competitors?



In some cases, once the business concept statement is clearly defined, the more detailed work of business planning and implementation may begin.





### **Vote of thanks**

The guest lecture formally concluded with a vote of thanks delivered by **Mr.V.Naveen, Assistant Professor, Department of CST**. In his address, he expressed sincere gratitude to resource person for taking the time to share his expertise and inspire our students and promoting a culture of startups.

### **Outcomes:**

**At the end of Program, Students can able to,**

1. Infer creativity is the act of turning new and imaginative ideas into reality.
2. Focus on Hiring Creative Individuals.
3. Make moral oriented, capable and qualified skilled entrepreneurs.
4. Outline collaboration, ideation, implementation and value creation is needed for innovation.
5. Assess the degree of maturity of an idea or a startup.

**HOD/CST**



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## DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY IN ASSOCIATION WITH IIIC

Report on Guest Lecture on  
“Maximizing opportunities in Innovation Development”  
On 21.06.2023 (Wednesday)

Organized & submitted by:

1. Mr. D. Suresh, Assistant Professor, Department of CST
2. Mr. V. Naveen, Assistant Professor, Department of CST

Participants: I & II Year CST Department Students

Attendance: 121 participants (Internal)

Mode: Offline

Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Chief Patron Mrs. Keerthi Nadella Executive Director	Patron Dr. C. Yuvaraj Principal
Chair Dr. Basabi Chakraborty Professor & Dean / CST	Convener of the Event Dr. M. Sreedevi Professor & HoD/CST	Co-Ordinators Mr. V. Naveen Assistant Professor/CST, Coordinator/IIIC-CST Mr. D Suresh Assistant Professor

### WELCOME ADDRESS

The Coordinator of the Program **Mr. D.Suresh, AP/CST, MITS** gave the welcome address by stating as, **“Taking employment is common but providing employment is boundless”** we cordially invite guest on to the dais and gave brief introduction about the guest **Mr. Dinakar Reddy, Chief Engineer, SAMSUNG R&D Institute, Bangalore**. In addition, he welcomed the various department HOD's, faculties and the students of first and second year CST for the session.

### KEYNOTE ADDRESS

The Keynote about the guest lecture given by **Dr.M.Sreedevi, HOD/CST**, she heartly welcomed the resource person and she encouraged the students to utilize the today's session with the resource person by asking different queries that related to the technology changes and to know how to innovate new inventions with new updations as per corporate expectations and customer satisfaction.



## SESSION ABOUT MAXIMIZING OPPORTUNITIES IN INNOVATION DEVELOPMENT

The resource person started the session by extending his hearty thanks to the participants, organizing members, HOD, Principal and Management of MITS, Madanapalle for giving him opportunity to share his knowledge and experience in “**MAXIMIZING OPPORTUNITIES IN INNOVATION DEVELOPMENT**”.



The resource person interacted with students about his experience on career success on the following topics,

1. How to get leadership skills.
2. How to build a start-up.
3. Discussion regarding pre-requisites for a start-up.
4. Framework on planning, learning and executing it.
5. How to meet the expectations of the customer.
6. Find the solutions related to real-life problems.
7. How to grab the opportunities with the solutions.
8. Fixing employers' role is important.
9. What is the exact difference to campus and workplace.
10. If foundations are strong enough, which is needed for go through your career.



## Vote of thanks

The session was concluded at 12:00 PM followed by a vote of thanks, given by **Mr.V.Naveen, Assistant Professor/CST** by thanking our resource person **Mr. Dinakar Reddy, Chief Engineer, SAMSUNG R&D Institute, Bangalore** for making the session more interactive and eye opener session for making a successful career for students and he thanked **Dr.M.Sreedevi, HOD/CST** mam for continuously motivating us to organize such events.



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## DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY IN ASSOCIATION WITH IIIC

Report on **Guest Lecture on**  
**Mastering Change from Campus to Workplace**  
**On 17.06.2023 (Saturday)**

Organized & submitted by:

1. Mr. V. Naveen, Assistant Professor, Department of CST
2. Mr. D. Suresh, Assistant Professor, Department of CST

**Participants: I & II Year CST Department Students**

Attendance: 130 participants (Internal)

Mode: Offline

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
www.mits.ac.in Madanapalle-517325, Annamayya Dist., Andhra Pradesh

Organizing **One-day Guest Lecture on**  
**"Mastering change from Campus to Workplace"**  
In association with **IIIC**

**Resource Person**  
**Mr. RANJITH KUMAR KOPPERLA**  
Architect, Samsung R&D Institute, Bangalore.

**Participants:**  
**II year CST, CSE, CSE(DS), AI students**

**DATE**  
17.06.2023  
**Time**  
9.30AM to 12.00PM

**Venue:**  
Seminar Hall-A

**Chief Patron**  
Dr. N. Vijaya Bhaskar Choudary  
Secretary & Correspondent

**Patron**  
Mrs. N. Keerthi  
Executive Director

**Co-Patron**  
Dr. C. Yuvaraj  
Principal

**Chair**  
Dr. Basuli Chakraborty  
Professor & Dean / CST

**Convener of the Event**  
Dr. M. Sreedevi  
Professor & Head / CST

**Coordinators of the Event**  
**MR. V. NAVEEN**  
Assistant Professor / CST  
Coordinator / IIIC - CST

**Mr. D. Suresh**  
Assistant Professor / CST

**Department of Computer Science & Technology**

### WELCOME ADDRESS

The Coordinator of the Program **Mr. V. Naveen, AP/CST, MITS** gave the welcome address by stating, **"The success of any institution can be measured by the contribution the alumni make to our national life"** such a contributions given by our proud alumnus of 2007 batch from department of Computer science and Engineering of MITS are with us today. It is great pleasure to welcome **Mr. Ranjith Kumar Kopperla, Architect, SAMSUNG R&D Institute, Bangalore**. In addition, he welcomed the various department HOD's, faculties and the students of first and second year CST for the session.





### KEYNOTE ADDRESS

The Keynote about the guest lecture given by **Dr.M.Sreedevi,HOD/CST**, she shared her happiness about the student and teacher bonding inside the campus as well as once the completion of studies how it is retained. She remembered about her memories about the 2007 batch CSE students how they incorporate the campus and now how they are serving for the society. In addition, she encouraged the current students to utilize the session to know the root for success in their career. She requested all the students to have a great interactive session with our resource person.



### SESSION ABOUT MASTERING CHANGE FROM CAMPUS TO WORKPLACE

The resource person started the session by extending his hearty thanks to the participants, organizing members, HOD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in **“MASTERING CHANGE FROM CAMPUS TO WORKPLACE”**.



The resource person interacted with students about his experience on career success on the following topics,

1. Need of Communication Skills for Corporate.
2. How to manage a stress?
3. Discussion on choosing the path right now.
4. Framework on planning, learning and executing it.
5. How to meet the expectations of the company?
6. Identify which you cannot do it and start working on it.
7. How to grab the company's trainings and certifications?
8. Fixing every role is important.
9. What is the exact difference to campus and workplace?
10. If foundations are strong enough, which is needed for go through your career.
11. What is the expectations of product-based companies?



### Vote of thanks

The session was concluded at 12:00 PM followed by a vote of thanks, given by **Mr.D.Suresh, Assistant Professor/CST** by thanking our alumni come resource person **Mr.Ranjith Kumar Kopperla, Architect, SAMSUNG R&D Institute, Bangalore** for making the session more interactive and eye opener session for making a successful career for students and he thanked **Dr.M.Sreedevi, HOD/CST** mam for continuously motivating us to organize such events.

