MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

ELECTRONICS COMMUNICATION AND ENGINEERING DEPARTMENT

Memorandum of Understanding between Electronics and Communication Engineering Department and Industry

S.No	Name of the Organization	Dignitaries Present	Date of Event
1.	Tech Next lab (TNL)	Dr. Basheer Ahmed, Advisor cum Director of MJCET, CEO of Tech Next lab (TNL) Dr Mohammed Arifuddin Sohel Head, ECE Dept, Dr. Pankaj Shrivastav Chief Product Officer Tech Next lab (TNL)	20th January 2020- till date
2.	Entuple technologies (P) ltd, Bengaluru	Dr. Basheer Ahmed, Advisor cum Director of MJCET, Dr. Mohammed Arifuddin Sohel Head, ECE Dept, Mr. JohnSon Peter Business Manager University Program Entuple technologies (P) ltd, Bengaluru	2nd December 2022- till date.
3.	IPSS skill academy Pvt Limited	Dr. Mohammed Arifuddin Sohel Head, ECE Dept, Mr. Kushal Vijay Wargi, Director IPSS skill academy Pvt Ltd Mrs Ayesha Naaz, Professor ECE Dept, Ms Fatima Begum IPSS skill academy Pvt	6th January 2023- till date
4.	AutoIDTrac solutions and services	Dr. Mohammed Arifuddin Sohel Head, ECE Dept, Mr. Babu PN, Director Operations, Mr J.K Nag, Associate Head Ramesh Babu, Implementation	20th December 2023- till date

		head AutoIDTrac solutions	
5.	Vector India Private Ltd	Dr. Mohammed Arifuddin Sohel Head, ECE Dept, Ms. Jala Mercy Malathi, Manager HR	24th May 2022 till date
6.	Delta sigma Technologies	Dr. Mohammed Arifuddin Sohel Head, ECE Dept, Mrs. Salma Khan Director of Delta sigma Technologies	6th January 2023-till date
7.	AMD Private Limited	Dr. Basheer Ahmed, Advisor cum Director of MJCET, Ms. Fathima Farouk HR	25/05/2018
8.	Redpine Signals Hyderabad India	Dr. Basheer Ahmed, Advisor cum Director of MJCET, Mr N. Venkatesh Sr Vice-President Redpine Signals	6th April 2016
9.	IMEC Euro-Practice IC Services I14550	Dr. Kaleem Fatima, Head, ECE Dept, Luc C Van Den Hove, CEO	28-08-2014
10.	TI University India Program	Mr. Mohammed Arifuddin Sohel Associate Professor MJCET Cranes Software, Ms Ume Habeeba	10th July 2012
11.	Circuits Multi Projects France	Mr. Mohammed Arifuddin Sohel Associate Professor, MJCET Visa du, Director du CMP Mr. Benard Courtius	16th March 2012

FDP was technically supported by IEEE Circuits and Systems Society, MJCET and Entuple Technologies Bangalore

The Department of E.C.E, MJCET conducted a One Week Faculty Development Program on Analog VLSI Design from 2nd - 7th Dec 2019 in the ECED Research Lab (Room No.1107). The FDP was technically supported by IEEE Circuits and Systems Society, MJCET and Entuple Technologies Bangalore. The department signed an MoU with Entuple Technologies, Bangalore on 2nd Dec 2019. Entuple Technologies, Bangalore supported the successful accomplishment of the FDP by providing 10 User Licences of Cadence software and one speaker for the technical talk on Op-amp design.

28 participants registered online for the FDP, out of which only 12 were shortlisted. The participants were from Universities & colleges in and around AP &Telangana. The FDP was attended by 11 participants.

The Faculty Development Program was designed to cover both technical talks and hands on Lab Session. The talks were delivered by eminent persons from both Industry and Academia. Dr. Mohammed ArifuddinSohel, Faculty Co-ordinator, introduced the participants with the flow of Analog IC Design and conducted theory sessions.The lab sessions were monitored by Mr.Mohammed Abdul Raheem and Ms.MalihaNaaz, Faculty Co-cordinators, along with their team of 5 teaching assistants Ms. Maryam, Ms.AmenaNajeeb, Ms.Sheema, Ms.Naheed Fatima and Ms. AnjumAra.

Dr. AsudebDutta IIT Hyderabad discussing Research problems

Ms. Ameena delivering technical talk on " Data Science using Python " Technical Director from Delta Sigma Technogies

On behalf of MJCET, The MoU was signed by Dr. Mohammed ArifuddinSohel and Head, ECE Department, MJCET. On behalf of Delta Sigma Technologies,Hyderabad the MoU was signed by Mrs Salma Khan, Director, As a part of this MoU, an industry driven course named Automation is being offered to Final year engineering students of ECE Department of MJCET. Dr. Mohammed ArifuddinSohel will be conducting classes of this course which is followed by students doing mini project in the summer vacations for free of cost.

Dr. Govindacharulu receiving the Technical Talk memento from Dr. Kaleem Fatima

FDP was technically supported by IEEE Circuits and Systems Society, Students Branch MJCET and Entuple Technologies Bangalore

This FDP aims at equipping the participants with necessary practical skills and encourages faculty and students to take up careers and research in this area. This FDP will cover SoC Design (RTL –to- GDSII) on Cadence Tools Implement the RTL of a design from its specification Use the Xcelium™ simulator to simulate the design Synthesize the design from RTL to Gates using the Genus™ Synthesis Solution the digital implementation flow with the Innovus™ Implementation

MoU with Redpine

On behalf of MJCET, The MoU was signed by Mr. ZafarJaweed, Hon Secretary, SultanUlUloom Education Society in presence of Dr. Basheer Ahmed, Advisor cum Director, MJCET and Dr. Kaleem Fatima, Professor and Head, ECE Department, MJCET. On behalf of Redpine Signals, the MoU was signed by Mr. N. Venkatesh, Sr. Vice President, As a part of this MoU, an industry driven course named IoT for Device Development is being offered to third year engineering students of ECE Department of MJCET. Dr. Mohammed ArifuddinSohel will be conducting classes of this course which is followed by students doing mini project in the summer vacations. The company will support by providing the required wyzbee kits to the students free of cost.

A technical talk on 'Chip Design in Practice" by Mrs. K. Srisubha, Chip Engineering Lead, Redpine Signals was organized by the IEEE Hyderabad Section and Joint Chapter of CAS/EDS in collaboration with MJCET on 31-10-2015 in the ECE Dept.

MoU with AMD

On behalf of MJCET, The MoU was signed by Dr. Mohammed ArifuddinSohel and Head, ECE Department, MJCET. On behalf of AMD Hyderabad, Bangalore the MoU was signed by Human Resouce, As a part of this MoU, an industry driven course named VLSI Design Technical Talk is being offered to Final year engineering students of ECE Department of MJCET. Mini project in the summer vacations for free of cost. The following talks are conducted.

MrFaheemSr MTS Engineer, from AMD deliver the technical talk on Performance analysis

MrFaheemSr STA Engineer, from AMD deliver the technical talk

MoU with Entuple Technologies

On behalf of MJCET, The MoU was signed by Dr. Mohammed ArifuddinSohel and Head, ECE Department, MJCET. On behalf of Entuple Technologies, Bangalore the MoU was signed by MrJohnson Peter, Sr. Vice President, As a part of this MoU, an industry driven course named VLSI Design EDA Tools is being offered to Final year engineering students of ECE Department of MJCET. Dr. Mohammed ArifuddinSohel will be conducting classes of this course which is followed by students doing mini project in the summer vacations for free of cost.

MoU with IPSS skill academy Pvt Limited

MoU with Cranes Software of Texas Instrument University Program

On behalf of MJCET, The MoU was signed by Dr. Kaleem Fatima, Professor and Head, ECE Department, MJCET. On behalf of TI University Program, the MoU was signed by Crane Software, As a part of this MoU, an industry driven course named Analog System Lab Starter Kit ASLKv2010 is being offered to third year engineering students of ECE Department of MJCET. Dr. Mohammed ArifuddinSohel will be conducting classes of this course which is followed by students doing mini project in the summer vacations. The company will support by providing the required analog kits to the students free of cost