



Srishyla Educational Trust (R), Bheemasamudra
GM INSTITUTE OF TECHNOLOGY, DAVANGERE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Centre of Excellence (COE)



The Memorandum of understanding (MOU) signing ceremony and inauguration of Centre of Excellence (COE) was held at Dept of Electronics and communication Engineering.

GMIT and Applied Cognition (APCOG) Systems Pvt Ltd, Bengaluru signed MOU on **12.7.2016**. The MOU was exchanged between Sri. G.M. Prasanna Kumar our chairman and Dr. P S Ramkumar, Director of APCOG, Bengaluru. Dr. P. Prakash, Principal of our college presided during the MOU signing ceremony.



MOU and COE with APCOG

Following Table shows the various hardware and software modules used by UG and PG students for their academic projects and internship.

Sl. No	DESCRIPTION	QTY	RATE	AMOUNT in Rs.	PURPOSE
1	WiFi Module	6	1000.00	6000.00	For doing UG /PG student Project work and internship in association with APCOG at COE, Dept of ECE, GMIT Davangere.
2	802.15.3 Standard Communication Module	4	1000.00	4000.00	
3	802.15.4 Communication Module	4	2000.00	8000.00	
4	802.11 Communication Module	4	4000.00	16000.00	
5	APCOG Controller Module	8	6000.00	48000.00	
6	JTAG Adapter	4	6000.00	24000.00	
7	ECG Front End module - ADS 1298	1	25000.00	25000.00	
8	Data Acquisition Software	10 Licenses	2000.00	20000.00	
Total				159305.00	

Student projects conducted under APCOG for CAYm1 (2017-18)

Sl. No.	Student Name	Project Title	Place	Name of the Guide
1	Ranjitha K	Development of fall detection mechanism for geriatric care	APCOG CoE, Dept. of ECE, GMIT	Mrs. Venkatasumana C H & Ms. Vinutha L B
	Anusha N H			
	Leelavathi M			
	Anitha H M			
2	Vinay S M	Development of multiple arrhythmia classifier using MATLAB	APCOG CoE, Dept. of ECE, GMIT	Mr. Rajashekar Kunabeva & Ms. Vinutha L B
	Prutha S Bondade			
	Sonika Rachel K S			
	Shreya S K			

Student projects conducted under APCOG for CAYm2 (2016-17)

Sl. No.	Student Name	Project Title	Place	Name of the Guide
1	Apoorva K R	Implementation of SPO2 Sensor for Oxygen Saturation Level Detection in Blood and Validation of Results	APCOG CoE, Dept of ECE, GMIT	Mr. Arun Badiger and Mrs.Venkata Sumana C H
	Manjushree D K			
	Meghana Vishawanath			
	Navyashree K M			
2	Jyothi P	ECG Signal Acquisition using MPM module and compression using HARR wavelet transform in MATLAB	APCOG CoE, Dept of ECE, GMIT	Mr. Rajashekar Kunabeva
	Tanuja S P			
	Supriya R M			
	Vaishnavi K V			
3	Ashwini Betur	PWM for Speed Control of DC Motor using 8051 based Microcontroller	APCOG CoE, Dept of ECE, GMIT	Mr. Harisha G C
	Rakha P			
	Sunil Kumar N			
	Srinivas B K			
4	Pavan M	Statistical Analysis of Sensor	APCOG CoE,	Mr. Raghudathesh

	Pooja Hiremath	data	Dept of ECE, GMIT	G P
	Priyanka C			
	Rakshith B Y			

Table B.2.2.4.2c: Student projects conducted under APCOG for CAYm3 (2015-16)

Sl. No.	Student Name	Project Title	Place	Name of the Guide
1	Sharath B J	Soil Moisture and Humidity Sensing Based on IoT	Dept of ECE, GMIT	Mr. Rajashekar Kunabeva
	Vannalu Aruna			
	Vanitha P B			
	Sunil B N			
2	Mohammed Farooq	IoT based rainfall and temperature monitoring system	Dept of ECE, GMIT	Mrs. Latha B M
	Shankarachar P			
	Vinayaka M			

Workshops / FDPs and Technical talks by industry experts for CAYm2 (2016-17)

Sl. No	Activity	Date-month-year	Resource person with Designation	Target Participants
1	FDP on APCOG Performance Demo Kit FDP organized in association with Applied Cognition Systems, Pvt. Ltd., Bengaluru held at Dept. of ECE, GMIT, Davangere	27 th to 28 th February-2017	Dr. Ramkumar P S, Director, APCOG and Research Engineers Harsha and Rakesh	Faculty members