




**Department of Electronics and Communication Engineering**  
**Innovative Teaching Methods**

Activity Title	Mind Map
Faculty Name/Department	Mrs.S.Sonadevi /ECE
Mapped Course Name & Code	Embedded and Real time Systems & EC8791
Date	16.08.2023
Benefitted Students (Year / Sem / Dept)	IV/VII/ECE
Topic	ARM processor & peripherals
Description	<p>Advanced RISC Machine (ARM) Processor is considered to be a family of Central Processing Units that are used in music players, smartphones, wearables, tablets, and other consumer electronic devices. Arm processors can execute many more millions of instructions per second than Intel processors.</p> <p>A peripheral device performs input and output functions for the chip by connecting to other devices or sensors that are off-chip. All ARM peripherals are memory mapped-the programming interface is a set of memory- addressed registers.</p>
Course Outcomes (CO)	CO2: Describe the architecture and programming of ARM processor.
Performance Indicator (PI)	1.4.1
Mail ID (for review)	ece.sonadevi@msajce-edu.in
Activity Photos	

**Topics/ Questions:**

ARM processor &amp; peripherals

**MARKS:**

Name	Reg No.	Topic	Marks		Total
			(10)	(10)	
Ahamed ali. H	311819106001	Arm processor & peripherals	8	9	17
Akshaya.k	311819106002	Arm processor & peripherals	9	8	17
Ashwini. A	311819106003	Arm processor & peripherals	8	7	15
Assifa.a	311819106004	Arm processor & peripherals	7	9	16
Avula suneel	311819106005	Arm processor & peripherals	9	8	17
Bheulah. G. L	311819106006	Arm processor & peripherals	8	8	16
Chemudugunta ajay kumar	311819106007	Arm processor & peripherals	8	9	17
Hashim aslam	311819106008	Arm processor & peripherals	9	8	17
Jahangeer nadir khan. P	311819106009	Arm processor & peripherals	8	7	15
Mohamed abdullah m	311819106010	Arm processor & peripherals	7	8	15
Mohamed salaudeen. R	311819106011	Arm processor & peripherals	8	8	16
Mohammed asif. A	311819106012	Arm processor & peripherals	8	9	17
Mohammed taheer	311819106013	Arm processor & peripherals	9	8	17
Mohsin khan. M	311819106014	Arm processor & peripherals	8	10	18
Pattapu prathyusha	311819106015	Arm processor & peripherals	10	9	19
Potu ganga manoj kumar	311819106016	Arm processor & peripherals	9	9	18
Resma. G	311819106017	Arm processor & peripherals	9	8	17
Rizwan ahamed. M	311819106018	Arm processor & peripherals	8	7	15
Navanish s	311819106301	Arm processor & peripherals	8	7	15
Sahath sufiyan s a	311819106302	Arm processor & peripherals	7	8	15
Salman s	311819106303	Arm processor & peripherals	8	8	16

**Outcome:**

Therefore, mind maps help students connect pieces of information and build an overview of the lesson. Here mind map helps to understand about Arm processor and its peripherals, Then mind map helps to increase the creative thinking as well student can easily remember the concepts of Arm Processor and peripherals.