LESSON PLAN:			
Discipline:	Semester:	Name of the Teaching Faculty:	
CSE	6th	Mrs. Nishita Kindo	
Subject:	No. Of Days/per week class	From Date:14-02-2023 To Date:23-05-2023	
IOT	allotted: 4 periods per		
	week (Mon. Wed. Thu &		
	Fri-1 period each)		
WEEK	CLASS DAY	THEORY /PRACTICAL TOPICS	
1 st	16.02.2022	Syllabus Discussion	
	17 02 2023	1.1 Introduction	
	17-02-2023	1.2 Characteristics of IoT	
		1.3 Applications of IoT	
	18-02-2023	1.4 IoT Categories	
	10 02 2025	1.5 IoT Enablers and connectivity layers	
2 nd	20-02-2023	1.6 Baseline Technologies	
	22-02-2023	1.7 Sensor	
		1.8 Actuator	
	23-02-2023	1.9 IoT components and implementation	
		1.10 Challenges for IoT	
	24-02-2023	2.1 Terminologies	
		2.2 Gateway Prefix allotment	
3 rd	27-02-2023	2.3 Impact of mobility on Addressing	
3	27 02 2025	2.4 Multihoming	
	01-03-2023	2.5 Deviation from regular Web	
		2.6 IoT identification and Data protocols	
		Assignment Cum Revision	
	02-03-2023	3.1 Introduction	
		3.2 IEEE 802.15.4	
	03-03-2023	3.3 ZigBee, 6LoWPAN	
		3.4 RFID, Bluetooth	
⊿th	06-03-2023	Class Tost 1	
4	00-03-2023	Class Test I	
	09-03-2023	3.5 NEC 7 wave	
	10-03-2023	3.5 ISA100 11 A	
	10 03 2023		
5 th	13-03-2023	4.1 Introduction	
		4.2 Components of a sensor node	
	15-03-2023	4.3 Modes of Detection	
		4.4 Challenges in WSN	
	16-03-2023	4.5 Sensor Web	
		4.6 Cooperation and Behaviour of Nodes in WSN	
		4.7 Self-Management of WSN	
	17-03-2023	4.8 Social sensing WSN	
		4.9 Application of WSN	
6 th	20-03-2023	4.10 Wireless Multimedia sensor network	
-		4.11 Wireless Nano-sensor Networks	
	22-03-2023	4.12 Underwater acoustic sensor networks	

Assignment Cum Revision	
23-03-2023 5.1 M2M communication	
24-03-2023 5.2 M2M Ecosystem	
zth 27.02.2022	
Z7-03-2023 5.3 M/2/M Service Platform 20.02.2022 5.4 latence certifies	
29-03-2023 5.4 Interoperability	
31-03-2023 6.1 Features of Arduino	
6.2 components of Arduno Board	
8 th 03-04-2023 6.3 Arduino IDE	
05-04-2023 6.4 Case Studies	
06-04-2023 Class Test 2	
oth 7.1 Ambitrature and Din Configuration	
9 ^{ch} 10-04-2023 7.1 Architecture and Pin Conliguration	
12-04-2023 7.2 Case studies	;
12.04.2022 8 1 Limitation of current network	I
8.2 Origin of SDN	
10 th 17-04-2023 8.3 SDN Architecture	
8.4 Rule Placement, Open flow Protocol	
19-04-20238.5 Controller placement	
20-04-2023 8.6 Security in SDN	
21-04-2023 8.7 Integrating SDN in IoT	
11 th 24-04-2023 to 29-04-2023 Internal Assessment	
12 th 01-05-2023 9.1 Origin and example of Smart Home Tech	nologies
03-05-2023 9.2 Smart Home Implementation	
04-05-2023 9.3 Home Area Networks(HAN)	
9.4 Smart Home benefits and issues	
13	
10.1 Characteristics of Smart Cities	
11-05-2023 10.3 Challenges in Smart cities 10.4 Data Fi	usion
12-05-2023 10.5 Smart Parking	
10.6 Energy Management in Smart cities	
14 th 15-05-2023 11.1 lloT requirements	
11.2 Design considerations	
Assignment Cum Revision	
17-05-2023 11.3 Applications of IIO1	
18-05-2023 11.4 Benefits of IIoT	