

Approved by AICTE, New Delhi

Affiliated to the Visvesvaraya Technological University, Belagavi





2.3.1. Student centric methods, such as experiential learning, participativelearning and problem solving methodologies are used for enhancing learning Experiences.

1. Lecture Method:

Criterion: 2.3.1

a.Lesson plan:



RajaRajeswariCollegeofEngineering No.14, 2nd Floor,

Ramohalli Cross Kumbalgodu, Mysore Road Bangalore-560074

Report Date: 21/03/2024 4:43 PM

Staff Name Subject Name

SI.No

6

: DINESH KUMAR M : INTERNET OF THINGS

Day

Monday

Tuesday

Tuesday

Thursday

Thursday

Friday

Friday

Subject Code Combine ID

: 18CS81 : 18CSE81-ISE-A

Semester

Date

23/09/2023

24/09/2023

24/09/2023

26/09/2023

26/09/2023

27/09/2023

27/09/2023

Period

2

1

4

2 3

2

1

Section

	Tag Id	Absents	Lesson Details			
2357 16		16	Discussed evolution of IoT			
	2486	26	Discussed Enabling of IoT			
	5100	14	Characteristics of IOT, Different enabled technology			
	2683	9	contdEnablingloTtechnologies&Complex interdependencies			
	2685	9	Discussed the IoT Networking components			
	2775	30	Explained Addressing strategies in IoT			
	3200	30	Introduction to Addressing Strategy in IOT			
	3201	31	Contd Addressing Strategy			

27/09/2023 3 Activate Window 9 01/10/2023 Tuesday 4 3290 11 Module 2: Introduction Sensing activ 3424 10 04/10/2023 Friday 18 Module 2 : Introduction - Sensing 04/10/2023 Friday 3545 11 3 Explained various Sensors & its characterstics

12	08/10/2023	Tuesday	4	4027	11	Explained Sensorial Deviations, Sensing considerations
13	18/10/2023	Friday	1	4686	32	Actuators-Introduction
14	18/10/2023	Friday	3	4726	22	Contd Actuators intro
15	19/10/2023	Saturday	2	4910	51	Discussed actuator types & Its characteritics
16	22/10/2023	Tuesday	4	5911	10	Problemsolving&IdeationsessionconductedbyDept.of ISE
17	24/10/2023	Thursday	2	6427	12	Module 3 : IoT Processing Topologies - Introduction
18	25/10/2023	Friday	1	6667	27	Discussed the importance of Processing in IoT
19	25/10/2024	Friday	3	6714	16	Explained IoT Topology and Design IoT
20	29/10/2023	Tuesday	4	7474	23	Talento -24 event conducted by Department
21	05/11/2023	Tuesday	4	8141	17	Processing Offloading.
22	07/11/2023	Thursday	2	8554	13	contd Processing offloading
23	08/11/2024	Friday	1	8747	20	Module 4: Introduction
24	08/11/2023	Friday	3	8813	16	Min. Char 10^Y
25	12/11/2023	Tuesday	4	9344	12	explained the format of IEEE 802.15.4,, Zigbee
26	14/11/2023	Thursday	2	9747	25	Explained on Thread, ISA100.11A
27	15/11/2023	Friday	1	9949	21	explained the WirelessHART
28	15/11/2023	Friday	3	9953	21	continued WirelessHART



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Criterion: 2.3.1

2. Classroom with Blackboard and ICT Tools (LCD Screen, Projector, Audio System



Class room with projector, wifi and LAN connection .



Air conditioned Class room with projector, wifi and LAN connection



Individual Departments seminar Hall with Wifi and LAN connection



wifi facility and internet connection in individual classroom.



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Criterion: 2.3.1





2. Interactive Method:



Technical Seminar on Introduction to ML and case study with linear regression



Career Awareness Talk on "Preparing for placements and Higher Studies abroad"



Technical Talk on Data Science and machine learning



Career Guidance program on "Stepping inside into the IoT World."



TECHNICAL TALK [Transistor Revolution and Cutting edge technology for future of semiconductor world]



A Talk on "Overview of VLSI"



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Criterion: 2.3.1





3. Participtive Learning





SCR ACTIVITY OF PLANTATION

STUDENT SKILL ENHANCEMENT ACTIVITIY BY STUDENTS OF ROBOTICS AND AUTOMATION ENGG





Mini Project Expo Exhibition by Department of CSE

Technical club event "Max Out Motors" by ECE Department



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Criterion: 2.3.1





4. Experimental Learning

a) Practical Skill through Industry linked Laboratories:





M/s Bharath Arts and Crafts, Channapatna, Ramanagara (Dt) by Department of Ai& ML

Visit to Pi-Square Technologies, Bangalore by students of CSE Department





Visit to VIHAAN TECHNOLOGY by students of Department of ECE

visit to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) by students of EEE Department





Industrial visit to ISRO Bangalore Campus by Department of MCA

Industrial Visit to BAMUL (nandini Dairy) by Department of MBA



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Criterion: 2.3.1

Industrial visit- Carl Zeiss plant in Bengaluru

5. Project based Learning





Innovate 2024- Prototype Project Exhibition by ISE

Mini Project Expo-24 by Deaprtment of CSE





Techno Project Expo 2K24 by Dept of EEE



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Criterion: 2.3.1





6. Problem Solving Methodology:

a. Tutorial Classes



Special Classes conducted for the subject Electromagnetics Waves



Special Classes conducted for the subject Data Structures

b.Guest Lecture by Industry experts on problem solving



Career Guidance program on "Enhancement of Productivity Through Automation and Robotics by Mr. Rajashekara H V Advisor and Head IMTMA Design Institute (BIEC) organized in Department of R& A



Career Pathway Discovery Program by Mrs.
Vijayalakshmi Mentor at T.I.M.E Institute T.I.M.E.
Pvt. Ltd. Bengaluru organized by Department of CSE



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Logical Thinking and Problem Solving Dr.S R Subramanya, President and CEO, Exskillence, San Diego, USA organized in Department of ECE Career Guidance Program On "Industrial Internships And Emerging Technolgies by **Mr.Shankarling Kalashetty**Founder, Devminds,Bengaluru.





Expert Lecture on "Innovative Applications of Artificial Intelligence for Sentimental Analysis" – 2024 by Dr.Vegi Fernando A, M.E., Ph.D, Designation: Associate Professor, Dept. of CSE (AIML), Dayananda Sagar University, Bangalore

Funding opportunities for Startups **Dr. G.Vinoth,** M.S., Ph.D (USA)
Chief Start up Venture Designer,Pongu Ventures
Private Ltd, Chennai



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c. Hands on workshops, Conference, for augmenting learning skill:

Criterion: 2.3.1





















