DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 – 2022 ODD SEMESTER

BRIDGE COURSE REPORT

Department of Computer Science & Engineering organized bridge course on "An Introduction to 8085 Microprocessor" for III year Students and "An Introduction to Wireless Sensor Networks" for IV Year Students on 18.08.2021 through online mode.

OBJECTIVES

- To develop academic skills

- To raise the level of understanding of students in that subjects to improve themselves for further academic work.

- Applications based self-learning

- The students will be equipped with the knowledge and the confidence

RESOURCE PERSON DETAILS

Class	Timing	Topic	Resource Person
III CSE	12 pm - 2.45 pm	An Introduction to 8085 Microprocessor	Dr.S.M.Uma, HOD / CSE
IV CSE	9.30 am - 11.45 am	An Introduction to Wireless Sensor Networks	Ms.K.Abhirami, IQAC / Head, Dept of CSE
	12.00 pm - 1.00 pm	IoT & its Application	Mr.K.Arjun, Trainer Infosystems, Thanjavur

SESSION DETAILS

Dr.S.M.Uma, Head of the Department described briefly about the architecture of 8085 microprocessor to III Year students. She explained the functionalities of each component of 8085 processor and also described the difference between 8085 and 8086 microprocessor. she demonstrated the concept behind the simple 8-bit program of 8085 microprocessor. Totally 42 students actively participated.

Ms.K.Abhirami, IQAC / Head described the basics of wireless sensor networks and its architecture to IV Year students. She explained various routing protocols of wireless sensor networks. She discussed about various challenges and issues in this domain. Totally 36 students actively participated.

Mr.K.Arjun, Trainer, Infosystem described the basic concepts of IoT and its architecture. He explained the functionalities and specification of each sensors. He demonstrated one sample project using these sensors and showed the output. This session was helpful to the students to understand the subject and do their projects in this domain. Totally 36 students actively participated and got benefited.

OUTCOME:

- Students may understand the subject very well
- Helpful to determine the project domain
- Able to understand the programming concept of 8086 processor
- Have an exposure to new domain

 Co-ordinator   **HOD/CSE**   **Principal**
(Ms.S.Puvaneswari AP / CSE)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR 2021 – 2022 ODD SEMESTER

ORIENTATION REPORT

Department of Computer Science & Engineering organized Orientation programme on "GATE Awareness" for III year students and "Academic Aspects of CSE department & Importance of Professional Society" for II year students on 18.08.2021 through online mode.

OBJECTIVES

- To understand the importance of GATE exam
- To raise the level of participation to GATE exam
- To understand PEO, PSO and PO of curriculum
- To understand the importance of SWAYAM exam
- The students will be equipped with the knowledge and the confidence
- The students will become the member of any one professional society

RESOURCE PERSON DETAILS

Class	Timing	Topic	Resource Person
II CSE	10.45 am - 11.45 am	Academic Aspects of CSE Department	Dr.S.M.Uma HOD / CSE Ms.G.Chandra Praba AP / CSE
	12 pm - 1 pm	Current Opportunities in IT Industry	Mr.A.Karthik, Digital Marketer, Digital Ting, Chennai
	1.45 - 2.45	Importance of Professional Society	Ms.S.Puvaneswari AP / CSE
III CSE	9.30 am - 10.30 am	GATE Awareness	Ms.B.Sangeetha AP /CSE

SESSION DETAILS

Dr.S.M.Uma, Head of the Department elaborated the Academic aspects of Department of CSE to II Year Students. She also explained the activities to be done in the department and encouraged the students to participate in those events such as Student Change Club (SCC) activity, Student Seminar and so on. Ms.G.Chandra praba AP / CSE described the curriculum and syllabus of III semester subjects. She explained the basic concepts behind Programme Educational Objectives (PEO), Programme Specific Objectives (PSO), Programme Outcomes (PO). She also explained the importance of registration and completion of SWAYAM course. Ms.S.Puvaneswari AP / CSE, discussed about the importance of being a member in professional society. Mr.A.Karthik, Trainer described the various career opportunities available in IT industry and explained the roles and responsibilities of a software engineer. Totally 50 students actively participated.

Ms.B.Sangeetha AP / CSE addressed the importance of GATE exam to III Year students. She explained the syllabus of CSE department GATE exam. She discussed the weightage of curriculum subjects and had given the guidelines to crack the GATE exam . She described the benefits and importance of GATE score. She created the awareness about GATE exam. Totally 42 students actively participated.

OUTCOME:

- Understand the academic aspects of CSE department
- Understand the concept of PO, PEO, PSO
- Have an exposure about various opportunities in IT industry
- Effectively attend GATE class

 Co-ordinator   HOD/CSE   Principal
(Ms.S.Puvaneswari AP / CSE)