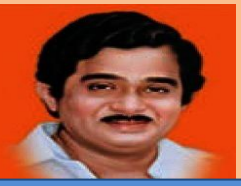
MVR



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

Volume: 1 Issue: 1 Academic Year: 2020-2021

Chairman:

Mr.M.Srinivas Babu

Principal:

Dr.B.Suresh Babu

HOD:

Mr.D.Srinivas

Staff Co-ordinator:

Miss.P.Jyosthna Kumari

Staff Co-ordinator:

Mrs.A.Sri Chaitanya

Student Co-ordinator

K.Likhitha

CONTENTS

ABOUT CSE DEPARTMENT

The Department of Computer Science and Engineering (CSE) was established in 2008 to run the four year undergraduate programme in Computer Science and Engineering discipline. The curriculum of these courses is meticulously designed by the members of board of studies, JNTU, Kakinada. The syllabus for the said courses is being constantly modified to update the latest developments in the market fields. Up to 2009 the annual student intake at UG level of the CSE department was only 60; in 2022 the intake was enhanced to 120.

Vision

To create innovative and moral pioneers in the area of Computer Sciences and Engineering.

Mission

1.. To impart high quality education with modern state of art Laboratories.

2. To improve continuously the technical and communication skills with ethics.

3. To Train in basic and advanced Technologies in Computer Science to give their best in Competitive Environment.

PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1: Have successful **careers in Industry.**

PEO 2: Show excellence in **higher studies/ Research.**

PEO 3: Show good competency towards **Entrepreneurship**.

PROGRAM SPECIFIC OUTCOMEs

PSO1:Analyze and design analog & digital circuits or systems for a given specification and function

PSO2: Implement functional blocks of hardware-software co-designs for signal processing and communication applications

PROGRAM OUTCOMES

PO1: Engineering Knowledge: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems

PO2: Problem Analysis: Identity, formulate, research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

PO3: Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data and synthesis of information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO7: Environment and Sustainability Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

PO8 : Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

PO11: Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long Learning: Recognize the need for and have the preparation and ability to Engage in independent and lifelong learning in the broadest context of Technological Change

COURSES OFFERED

1. B.Tech. (Computer Science and Engineering) – 60

FACULTY DETAILS

Teaching Staff	21
Non-Teaching Staff	05
No. of Faculty with Ph.D.	05

STUDENT STRENGTH PARTICULARS

B.Tech

Year	Strength
I	51
II	53
III	40
IV	29

LABORATORY DETAILS

Lab Facilities

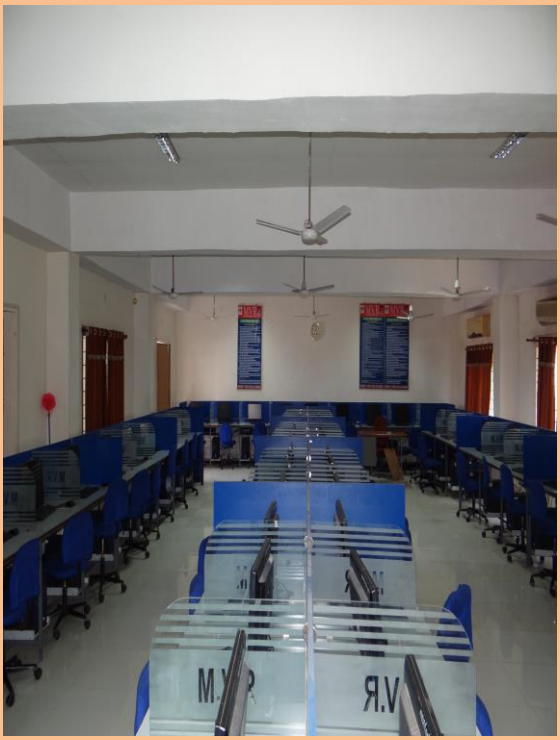
The Department of ECE is now housed with a carpet area of 1980 Square Meters. It has well-established infrastructural facilities. The ECE department has 6 laboratories each housed in an area of 154 Sq.m, Viz Computer LAB-I HCL Computers with Dual Core, 1 FB RAM, 160 GB Hard Disk, Windows 8.1 32 bit,

Computer LAB-2 ZEBRONICS Computers with LAB-2 Core I5 Processor, 8 GB RAM, SSD 256, Windows-10 64 Bit.

Internet facility is made available to all the students with free access through 12Mbps fiber optic backbone network-establishing connectivity to all computer centers of the college.

COMPUTER LAB-I

COMPUTER LAB-II



FDP/Workshops/Seminars/Attended/Organized

S.No.	Date From - to	Topic of the event	Resource Person Details	No. of Days	Attended / conducted
1	16-08-2020 To 21-08-2020	Workshop on Ethical Hacking	Mr.V.Siva Krishna, Associate Professor, LBRCE	**6**	**conducted**
2	13-12-2020 To 18-12-2020	Seminar on Multi-Technologies	Dr. D.V.V.Phani Kumar HOD Dept of CSE Rise Krishna Sai Praksam Group Of Instituions	**6**	**conducted**
3	22-01-2021 To 27-01-2021	Workshop on Cyber Security	Puli. Vijay Pavan Airbaclabs Pvt Ltd		**conducted**
4	15-03-2021 To 20-03-2021	Seminar on Machine Learning	Dr. G. Kishore Professor Dept of CSE Rise krishna sai praksam group of Instituions	**6**	**conducted**
5	20-09-2020- To 25-09-2020	Workshop on Mobile application Development	Dr.Y.Vamsidhar Professor Dept of CSE Raghu Engineering college	**6**	**conducted**
6	25-10-2020 To 30-10-2020	Workshop on Skill Development in C Programming	Dr .N. Mini Professor Dept of CSE Nimra College of engineering and Technology	**6**	**conducted**
7	18-01-2021 To 22-01-2021	Workshop on Oracle Database Administration	Dr.B.Asha Latha, Professor Dept of CSE SRK Engineering College Vijayawada	**5**	**conducted**
8	22-03-2021 To 27-03-2021	Workshop on Cyber ESPIONAGE-Cyber threats beyond borders	Dr.K.Anaji Reddy Professor Dept of MCA VRSEC, Vijayawada	**6**	**conducted**
9	06-04-2021 To 10-04-2021	Workshop on Android Technology and Advanced Java Technologies	Mr.V.Siva Krishna, Associate Professor Dept of CSE , LBRCE	**5**	**conducted**

10	08-02-2021	Seminar on Big Data Analytics	Dr.P.G.Sastry IIT retired Professor	**1**	**conducted**
11	14-12-2020	Seminar on Human Values for Engineers	Dr. M. Shamala Professor Dept of CSE KL University	**1**	**conducted**
12	16-11-2020	Seminar on Java/J2EE Related technology and frame works	Dr.B.Asha Latha, Professor Dept of CSE SRK Engineering College Vijayawada	**1**	**conducted**
13	17-05-2021	Seminar on Computer Networks	Dr. D.V.V.S. Phani Kumar Professor Dept of CSE MVR College of Engineering & Technology professor	**1**	**conducted**

A SIX DAY WORKSHOP ON Mobile Application Development:

Department of CSE organized a 5-Day workshop on "**Mobile Application Development**", conducted by MVR College of Engineering and Technology, during 20-09-2020 to 25-09-2020. The resources persons came from Raghu Engineering College, Vijayawada namely Dr.Y.Vamsidhar, briefly explain the importance of Mobile Application Development, to the students. This workshop was conducted for III, year CSE students.

ONE DAY SEMINAR ON JAVA/J2EE Technologies

Department of CSE organized a One-Day Seminar on "**java/j2EE Technologies**", conducted by MVR College of Engineering &Technology during 16-11-2020. Java is everlasting and ever growing field of technology. Modern Robotics finds endless applications in present day lives. From educational institutions to industries, from commercial to defense, various types of robots are being deployed to handle several tasks where human can't reach or persist. Controlling such robots is a challenging task now-a-days This workshop was conducted for III-IV CSE students .

PLACEMENTS

Assessment Year: B.Tech & 2020-2021

S.No	Student Name	Enrollment No	Employee Name
1	APPALA ANITHA	178H1A0501	WIPRO
2	CHOPPARAPU MARY GRACE	178H1A0504	AMDOCS
3	KANAMALA HARSHITHA	178H1A0508	CIGNITI
4	KAPPAGANTHULA PADMA VASANTHI	178H1A0509	SMARTSOC
5	KILARU PRATHYUSHA	178H1A0510	WIPRO
6	KILARU RUSHITHA	178H1A0511	ADEPT TALENT
7	KURAVA RAMACHANDRA	178H1A0513	WIPRO
8	MANDADI BHANU TEJASWI	178H1A0514	WIPRO
9	PAIDIPALLI SPURTHI	178H1A0520	ITC INFOTECH
10	SANNIDHI RENU SUMANTH	178H1A0524	INFOSIS
11	SURA SIRISHA	178H1A0525	KPIT
12	TELUKUTLA NAGA VENKATA SAI LAKSHMI	178H1A0526	HCL SSB-
13	THIRUNAGIRI SUSHMA NARASAVENI	178H1A0527	HCL

STUDENT ACHIEVEMENTS

The following tables shows the information about the student participation in various institutes during the academic year 2020-21.

S.No.	Name of the event	No.of events	No.of participants	No of prize won/award/reward
1	Paper Presentation	10	28	4
2	Workshop	2	14	-
3	Quiz	7	18	6
4	Sports/Cultural	4	18	2

HIGHER STUDIES

The following tables shows the information about the student higher Studies in various institutes during the academic year 2020-21.

S.No	Student Name	Regd.No	Education	College/University	Specialization	H.NO
1	RAYIDI DHARANI	178H1A0523	MS	UNIVERSITY OF LEICESTER	CSE	219035678
2	CHANDIKA VAMSI KRISHNA	178H1A0502	MS	CBU	CSE	899490025