



MVR



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

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ABOUT ECE 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: To The graduates will turn out to be expert in the principles and practices of computer science, mathematics and science, enabling them to resolve a broad variety of computing related issues Knowledge.

PEO 2: To organize and inspire graduates with interdisciplinary domains like manufacturing, finance, etc and contemporary technological trends related to core subjects like programming, databases, design of compilers, network security features and future technologies.

PEO 3: The graduates will excel in team work, ethics and communication skills which will make contributions for the improvement of the society.

PROGRAM SPECIFIC OUTCOMES

PSO1: Ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data and networking for efficient design of computer based system of varying complexity basic engineering sciences and Computer fundamentals.

PSO2: The ability to apply standard practices and strategies in software project development using open ended programming environments to deliver a quality product for business success.
Program outcomes (POs)

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: Identify, formulates, 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	75
II	51
III	53
IV	40

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,

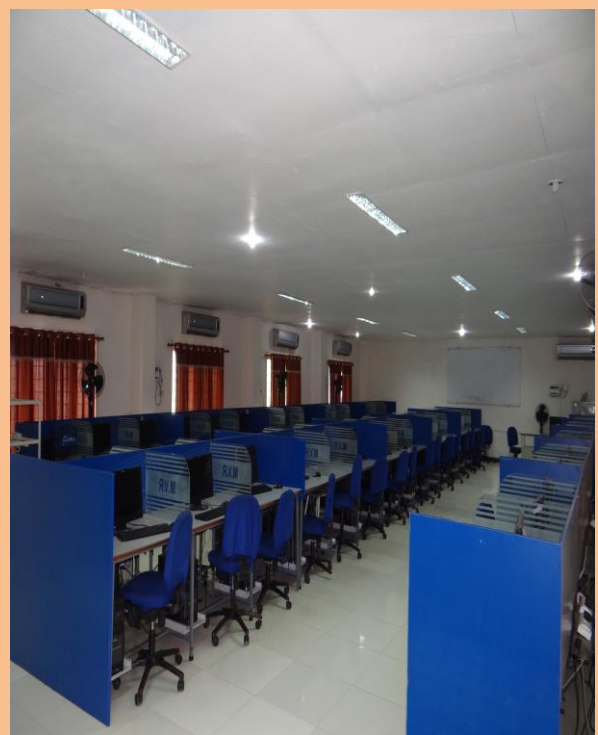
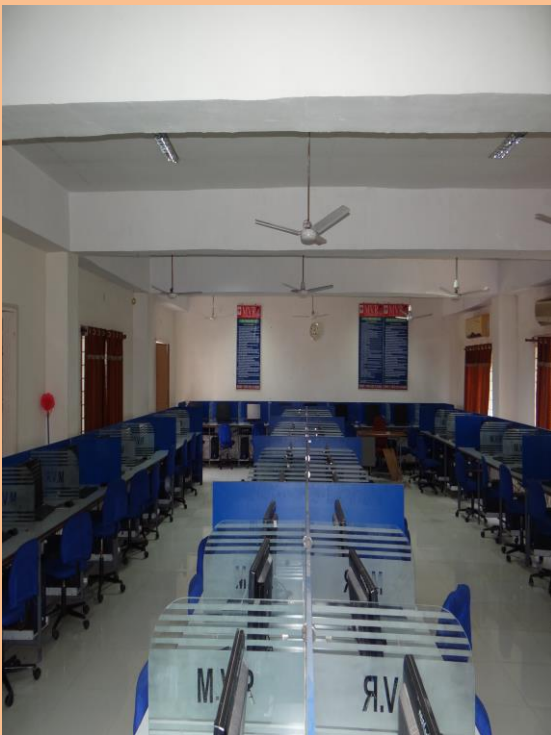
Computer LAB-2 ZEBRONICS Computers with LAB-2 Core I5 Processor, 8 GB RAM, SSD 256, Windows-10 64 Bit.

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	27-07-2021 To 31-07-2021	Workshop on Python Programming	Mr.V.Siva Krishna, Associate Professor, LBRCE	5	24
2	02-08-2021 To 07-08-2021	Workshop on Robotics	Dr. D.V.V.Phani Kumar HOD Dept of CSE Rise Krishna Sai Praksam Group Of Instituions	6	25
3	20-09-2021 To 25-09-2021	Workshop on Cloud Computing	Puli. Vijay Pavan Airbaclabs Pvt Ltd	6	22
4	08-11-2021 To 13-11-2021	Workshop on Memory Management Creativity	Dr. G. Kishore Professor Dept of CSE Rise krishna sai praksam group of Instituions	6	28
5	13-12-2021 To 18-12-2021	Workshop on Open Source Software	Dr.Y.Vamsidhar Professor Dept of CSE Raghu Engineering college	6	27
6	24-01-2022 To 29-01-2022	Workshop on Big Data and Mobile Payments	Dr .N. Mini Professor Dept of CSE Nimra College of engineering and Technology	6	26
7	27-12-2021 To 31-12-2021	Seminar on Data Science	Dr.B.Asha Latha, Professor Dept of CSE SRK Engineering College Vijayawada	5	23
8	14-03-2022 To 19-03-2022	Seminar on IOT	Puli. Vijay Pavan Airbaclabs Pvt Ltd	6	21
9	04-10-2021 To 09-10-2021	Seminar on 5G Technology	Dr.K.Anaji Reddy Professor Dept of MCA VRSEC, Vijayawada	6	24
10	07-02-2022 To 12-02-2022	Seminar on Artificial Intelligence	Dr. M. Shamala Professor Dept of CSE KL University	6	26
11	11-04-2022 To 16-04-2022	Seminar on Crypto Currency	Mr.D.Srinivas Associate Professor, MVR CET	6	20

A FIVE DAY WORKSHOP ON IOT:

Department of CSE organized a 5-Day workshop on “**Internet of Things**”, conducted by MVR College of Engineering and Technology, during 14-03-2022 to 19-03-2022. The resource persons came from SRK Engineering College, Vijayawada namely Puli Vijay Kumar, briefly explain the importance of IOT, to the students. This workshop was conducted for III, year CSE students.



ONE DAY SEMINAR ON AI

Department of CSE organized a One-Day Seminar on “**Artificial Intelligence**”, conducted by MVR College of Engineering & Technology during 07-02-2022. AI 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 & 2021-2022

S.No	Student Name	Enrollment No	Employee Name
1	PYDIMARRI MOHANA DURGA BHAVANI	188H1A0530	HCL TECHNOLOGIES
2	DASARI VASTHAV	188H1A0504	TATA CONSULTANCY SERVICES
3	VANKADARI MAHESH	188H1A0537	KPIT
4	VEMULA SUVARNA REKHA	188H1A0539	KPIT
5	SUDALAGUNTA RAMYA	188H1A0535	HCL TECHNOLOGIES
6	SIVARAJU DEEPAK	188H1A0534	KPIT
7	SHAIK RUHI ANJUM	188H1A0533	HCL TECHNOLOGIES
8	ATLURI SANJANA	188H1A0501	SYNFOSYS
9	BALATHOTI PAVAN	188H1A0502	KPIT
10	BOYANAPALLI DIVYA	188H1A0503	KPIT
11	DEVULLA AJAY BHARGAV	188H1A0505	CAPGEMINI
12	INAMPUDI VENKATA DHARANI	188H1A0510	WIPRO
13	MUTHAVARAPU LAKSHMI NARASIMHA	188H1A0515	HCL
14	MADDA BLESSY	188H1A0516	KPIT
15	MANDADI GANESH	188H1A0518	HCL
16	ONTIPULI DIVYA NAGESWARI	188H1A0524	HCL
17	VEDAGIRI PAVAN KRISHNA	188H1A0538	SAVANT IS
18	KOMMINEEDI UDAYABHASKAR	198H5A0502	CAPGEMINI
19	NELLURI VISHNU	188H1A0522	WIPRO
20	POTNURI GEETA KUMARI	188H1A0528	TATA
21	JONNADULA PRIYANKA	188H1A0512	KPIT
22	PAPOLU BHUVANESWAR RAO	188H1A0526	HCL
23	INDURI GOPI REDDY	188H1A0511	TATA
24	PASUPULETI APARNA	188H1A0527	KPIT

STUDENT ACHIEVEMENTS

The following tables shows the information about the student participation in various institutes during the academic year 2021-22.

S.No.	Name of the event	No.of events	No.of participants	No of prize won/award/reward
1	Paper Presentation	11	40	5
2	Workshop	3	40	2
3	Quiz	7	39	3
4	Sports/Cultural	3	10	1

HIGHER STUDIES

The following tables shows the information about the student higher Studies in various institutes during the academic year 2021-22.

S.No	Student Name	Regd.No	Education	College/University	Specialization	H.NO
1	JAMPANA KRISHNA MURTHY	198H5A0501	MS	CBU	CSE	899490019
2	KUNAPAREDDY GREESHMA NAIDU	188H1A0514	MS	HUDDERSFIELD	CSE	2285174