TechnoPhilia

Create Stimulate Emulate

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Department of Computer Science and Engineering

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About the Department

The KKR & KSR Institute of Technology and Sciences was established computer science engineering stream in the year of 2008. The Department of Computer Science and Engineering educates knowledge of computer and it's engineering. Almost all fields are computerized to have an ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting. The B.Tech computer engineering program includes computer operations on different languages, data generation, collection and utilization of information. The Department is implementing OBE based education.

Vision	Mission
To become a reputed center in computer Science and systems engineering for quality, competency and social responsibility	1. Providing a strong theoretical and practical education in a congenial environment. 2. Providing additional skills and training to meet the current needs of the industry. 3. Inculcating ethical values to meet the challenges of life with courage and confidence.

DepartmentAchievements

GuestLectures/Seminars/Workshops/FDPs/Webinars/Conferences AttendedorOrganized

S.No	Name of the faculty	Type of Event Attende	Title of the Event	Venue of the Event	No of Days Attended
1	B.PRASANNA KUMAR	FDP	Current Trends in Literature and Language Studies	PB Siddhartha College of Arts & Science	6 (18/7/2022 to 23/7/2022)
2	B.PRASANNA KUMAR	SEMINAR	Research Conclave'22: Exchanging Futuristic Ideas for Innovative Research	Vignan's Foundation for Science Technology & Research (Deemed to be University)	2 (8/7/2022 to 9/7/2022)
3	M V SHEELA DEVI	SEMINAR	Research Conclave'22: Exchanging Futuristic Ideas for Innovative Research	Vignan's Foundation for Science Technology & Research (Deemed to be University)	2 (8/7/2022 to 9/7/2022)
4	Dr.A.SUNEETHA	SEMINAR	Research Conclave'22: Exchanging Futuristic Ideas for Innovative Research	Vignan's Foundation for Science Technology & Research (Deemed to be University)	2 (8/7/2022 to 9/7/2022)

S. No	Author's name	Patent Title	Patent Status:	Patent Application No:	Journal Number:	Date of publication:
1.	B. Prasanna Kumar	A deep learning model for vulnerability detection and smart protection of various transactions in financial institutions	Published	202241040650 A	29/2022	22-07-2022

Department of Computer Science and Engineering

AICTE – MIC – Innovation Cell, Govt. of India Sponsored
2 – Days Exposure Visit & Training Program at KITS – Guntur

1. Objective of the Event:

The main aim of the session is to conduct training and exposure visit to seven other colleges along with our students on innovation, cognitive innovation entrepreneurship, incubation, pre-incubation and start-up facilities practically with internal and external experts with the funding assistance sponsored by AICTE, MOE Government of India.

2. About the MadBlocks:

MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a private limited company based in Rangareddi, India and was incorporated on 08/05/2019. MADBLOCKS TECHNOLOGIES PRIVATE LIMITED is a mca provider company with the industrial and NIC code of 93090 as per the official records.

Mr. MadhuParvathaneni, CEO, madBlocks Academy

MadhuParvathaneni, the CEO of MadBlocks, has been in the market since 2010 and has developed a product called "Mad Makerspace" that is critical today since engineers are problem solvers. With initiatives like Learn on Campus, Innovate on Campus, and Start on Campus, we are continually competing with our competitors. MadBlocks' goal is to instill creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives.

3. Date &Venue of the Event:

The event is organized in KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur, Andhra Pradesh in Computer Proficiency Lab from 8.00 AM to 5:00 PM. From 30th July, 2022 to 31st July, 2022.

4. No. of Participants: 123

6. Event Photographs:

7. Benefits in terms of learning/Skill/Knowledge obtained.

Resource persons Madhu Parvathaneni and his Team gave their best to the students and enlightened students with their sound knowledge on the latest technologies. He explained that Internet of Things (IoT) is a research field that studies how to handle the things over the internet. The ultimate goal of IoT is to make the use of computer over internet to solve problems autonomously. However, we do have many successful applications.

In this mentor-mentee program, he discussed various topics like, problem solving, reasoning, planning, language understanding, computer vision, automatic programming, and machine learning, and so on. These topics are closely related with each other. For example, the knowledge acquired through learning can be used both for problem solving and for reasoning. In fact, the skill for problem solving itself should be acquired through learning. Also, methods for problem solving are useful both for reasoning and planning. Further, both natural language understanding and computer vision can be solved using methods developed in the field of pattern recognition.