

## **KKR&KSR Institute of Technology and Sciences (Autonomous)**

**Vinjanampadu, Guntur, Andhra Pradesh-522017**

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada  
Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

### **One week Boot Camp on Machine Learning /Artificial Intelligence from 8<sup>th</sup> to 13<sup>th</sup> January, 2022 By MadBlocks Team**

#### **1. Objective of the Event:**

Boot camps and interactive online platforms are fantastic resources for learning new skills. There are numerous options available when it comes to Machine Learning and Data Science. Some offer training on-site, while others offer it online. Some are more interested in video classes, while others are more interested in real-world coding assignments. To build innovative skills, the Department of Information Technology, KKR & KSR Institute of Technology and Sciences hosts a one-week ML/AI Boot Camp. The Boot Camp's major goal is to teach students how to write code and how to use sophisticated technologies to find appropriate solutions to specific challenges. Our main aim is to advance the candidate's abilities, competency, and technology by providing them with hands-on experience, real-life application skills, and simulations. As a result, the primary goal of this boot camp is to explain basic AI principles, methodologies, and applications, as well as to examine AI applications in intelligent agents, expert systems, artificial neural networks, and other machine learning models.

#### **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. Madhu Parvathaneni, CEO, madBlocks Academy**

Madhu Parvathaneni, 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 instil creativity on campus so that it becomes a culture. Opportunities abound wherever Innovation thrives.

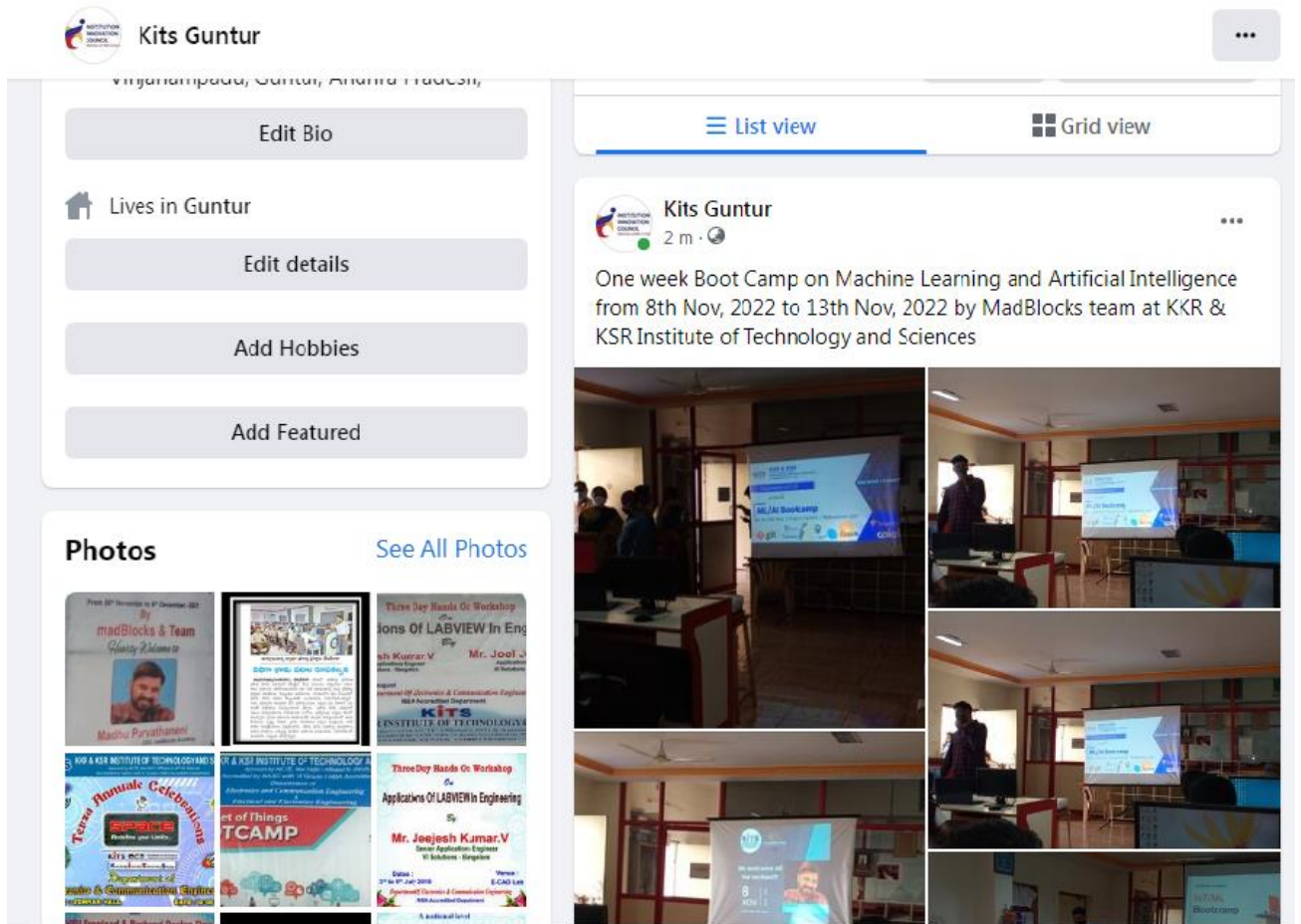
#### **3. Date & Venue of the Event:**

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 8<sup>th</sup> January,2022 to 13<sup>th</sup> January,2022.

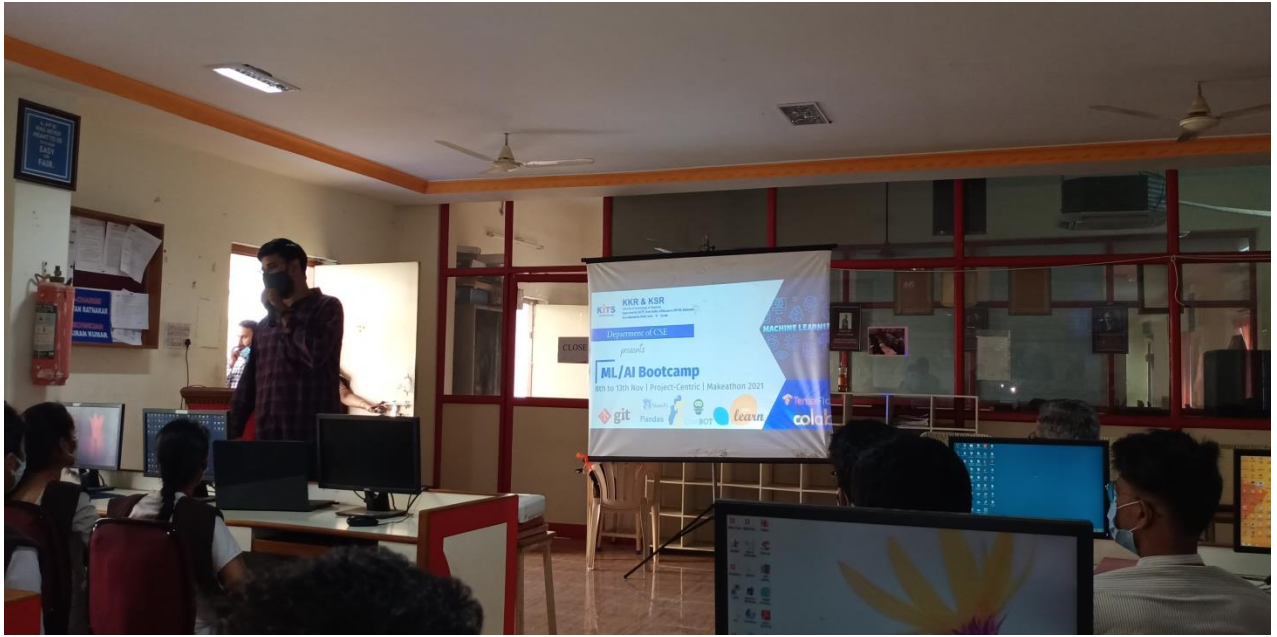
**6. No. of Participants: 406**

**6. Social Media Link:** <https://www.facebook.com/kits.guntur.18>



**7. Event Photographs:**









## 8. Benefits in terms of learning/Skill/Knowledge obtained.

A machine learning boot camp puts aspiring machine learning professionals through a comprehensive and rigorous machine learning course curriculum where they not only learn machine learning and its best practices, but also master real-life machine learning skills under the mentorship of an industry expert. Resource persons Madhu Parvathaneni and his Team gave their best to the students and enlightened students with their sound knowledge on Artificial Intelligence. He explained that Artificial intelligence (AI) is a research field that studies how to realize the intelligent human behaviors on a computer. The ultimate goal of AI is to make a computer that can learn, plan, and solve problems autonomously. Although AI has been studied for more than half a century, we still cannot make a computer that is as intelligent as a human in all aspects. However, we do have many successful applications. In some cases, the computer equipped with AI

technology can be even more intelligent than us. The Deep Blue system which defeated the world chess champion is a well-know example.

In this boot camp, he discussed various topics like are problem solving, reasoning, planning, natural 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. He and team added need and Importance of Machine Learning very clearly.

**9. Expenditure Amount ( If any):** 40000/-