

## **MHRD- IIC Hackathon on Artificial Intelligence**

1. Objective of the Event: The main objective of this event is to bring out the innovative ideas from the young minds to solve the problems related to various domains of the society and to develop sustainable, innovative and technologically-enabled solutions to address various challenges using Artificial Intelligence techniques.
2. About the Program/Event: Thirty Six hours Hackathon on Artificial Intelligence for III CSE students by the Department of CSE at KKR & KSR Institute of Technology & Science, by madBlocks Pvt Ltd.
3. Details of External Participants: NIL
4. Details of Resource Person1 :
  - a. Name: Madhu Parvathaneni
  - b. Address: 256P/2, Pragathi Nagar, Kukatpally, Hyderabad-82
  - c. Qualification: M. Tech
  - d. Designation: Director, madBlocks Technologies Pvt Ltd
  - e. No of Patents:
  - f. No of Publications:
  - g. Years of Experience:10
  - h. Awards: Intel award for promoting technology in higher education
- Details of Resource Person 2:
  - a. Name: M Sairam
  - b. Address: 256P/2, Pragathi Nagar, Kukatpally, Hyderabad-82
  - c. Qualification: M.Tech
  - d. Designation: Developer, madBlocks Pvt Ltd
  - e. No of Patents: NIL
  - f. No of Publications:
  - g. Years of Experience:7
  - h. Awards:
5. Venue of the Event: Seminar Hall, KKR & KSR Institute of Technology & Sciences
6. Date & Time of the Event:23-9-19 to 24-9-19
7. No of Students Participated: 185
8. Year, Branch & Section of Students: III Year, CSE A, B, & C
9. No of Faculties Participated: 35
10. One Student Member Feed Back:

I am B. Tanmai ( 17JR1A0514) of III CSE – Section I and I am very happy to share my experience of the Hackathon on Artificial Intelligence. First of all I would like to thank our management and Department of CSE for arranging such a wonderful Hackathon on one of the latest areas of technology. Resource persons Madhu Parvathaneni and Archana Begari gave their best and helped the students to develop, model and build prototypes, implement solutions using AI techniques to solve various real life problems in and around the society related to the areas of Agriculture, Road safety, medical and health etc. This Hackathon provided the right platform for the students to explore their innate talents and show case them and got guidance to refine their ideas, improve the proposed solutions and to come up with amicable solutions.
11. Promotion of the Event on the Social Media Website: Yes
12. Promotion of the Event on the University/College Website: Yes
13. Event Photographs:



14. 1-2 minutes video of the Event:

<https://drive.google.com/open?id=1u7eWKLG7vklCFm41jsPKBpSjRAGYYqsj>

15. Benefit in terms of learning/Skill/Knowledge obtained:

This Hackathon promoted awareness on the applications of AI and lead the students to develop solutions to support meaningful social, economic and technological advancements directed at making people's lives better and to help bring the benefits of innovation in AI to various communities in our country.”

Some of the projects which were developed by the students are *virtual dietician, find aptitude for child, online diagnostic lab reporting system, human*

*emotion analysis and design, attendee alarm, pest detector, hunt the cure, sensor locker, medical assistance, AI smart system, herbi, health care, eye detection, aqua monitoring, blind-o-blue, insect hackers, agro saver, price prediction analysis, haemo sapingines, the mind crusaders, harvester, spark lights, farm stead and test the best etc.*

16. Expenditure Amount: 50,000/-

17. Remarks: This Hackathon on Artificial Intelligence was completed successfully and all the students participated enthusiastically and built prototypes, partial/full implementations, simulations of the proposed solutions to the problems they have identified.

18. Experiences and Output of the Session:

Students exhibited prototypes, simulations and implementations as solutions for their selected problems. They provided solutions using AI techniques to solve various real life problems in and around the society related to the areas of Agriculture, Road safety, medical and health, railways, home automation and safety, security systems etc. virtual dietician, find aptitude for child, online diagnostic lab reporting system, human emotion analysis and design, attendee alarm, pest detector, hunt the cure, sensor locker, medical assistance, AI smart system, herbi, health care, eye detection, aqua monitoring, blind-o-blue, insect hackers, agro saver, price prediction analysis, haemo sapingines, the mind crusaders, harvester, spark lights, farm stead and test the best etc. All the faculty members assigned to mentor the students took active role and continuously supported the students and gave useful suggestions and made suggestions to improve their projects.