

Report on

A 3-DAY WORKSHOP ON IoT

ORGANIZED BY MITS INNOVATION SOCIETY IN ASSOCIATION WITH AP INNOVATION SOCIETY

ON

MARCH 22-24 2018



Resource person addressing session on IoT

Student participants from MITS and outside posing the banner

Submitted by: Mr. K. Chokkanathan, Co-coordinator and Rahim Bakshi, Programmer, MITS Innovation and Incubation Center.

Day 1:-

Dr. Jagadeesh Babu B, Secretary of MITS Innovation Society, Mr. Prashanth N, Consultant of AP Innovation Society, Ms. Kavya D, Director of iB Hubs and Dr. Yuvaraj C, Principal & President of MITS Innovation Society inaugurated the workshop by lighting the candles along with other delegates.

Dr. Jagadeesh Babu B, Co-ordinator - MITS Innovation and Incubation Center, gave the welcome address and welcomed all the participants and delegates. He also appreciated all the students for their interest in this workshop and encouraged them to come up with novel projects to address the social problems.

Mr. Prashanth N, consultant of AP Innovation Society delivered his keynote address and discussed the IoT series workshop initiated by AP State Government to improve the skills among students. He also said that he had received 750 applications from MITS which is the highest in this series.

Ms. Kavya D, Director of iB Hubs gave her opening remarks on the workshop and elaborated the activities taken up by them related IoT. She motivated the students to take part in the workshop actively for all the three days.

Dr. Yuvaraj C, Principal & President of MITS Innovation Society delivered inaugural address and explicated the importance of IoT in future. He extended his complete support for the workshop and congratulated the students. He also touched upon about recent events organized at MITS related to IoT.

Ms. Tanmai G, iB Hubs and her team took over the workshop. She explained the importance of IoT and the current technologies existing in India. iB Hubs team distributed kits to the participants and explained the major components of the kit. They also told the students how to connect with computer/ laptops. Students were educated about writing the code and dumping the code in to IC's.

Day 2: -

Ms. Tanmai G explained the code for controlling lights using Adurino kit and some other small programs such as Blink the Light, Flash the Light, etc. Participants participated actively in hands-on experience. The rest of iB Hubs team gave their support to clarify the doubts of the participants.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC - AUTONOMOUS)

Day 3: -

Ms. Tanmai G explained how Alexa (Amazon Personal Assistant) works and how to control devices with voice on the last day of workshop. Importance of converting voices to voice commands was also detailed. iB Hubs team motivated participants to come up with new start-ups. They also called students to showcase their ideas in Ideathon session. Students presented their innovative and new ideas which were appreciated by technical team and others. Next, the experts explained how to register the start-ups legally, how and where to start. That was very helpful to the participants. iB Hubs team collected feedback and two teams among 25 teams won iB Hubs' T-shirts and pens.

In total, 117 students received hands-on experience on IoT and download their participation certificates through online. Out of 117 participants, 82 were from MITS and the rest from other institutes in and around Madanapalle.

Dr. Jagadeesh Babu B felicitated resource persons and thanked them for executing the three- day workshop successfully at MITS.

Paper Clips:



3-day workshop inaugurated at MITS

Hyderabad: With an aim to create a vibrant Internet of Things (IoT) ecosystem in Andhra Pradesh, AP Innovation Society iBootup IoT Series, in association with iB hubs, a pan-India startup hub, is conducting a three-day workshop at Madanapalle Institute of Technology & Science (MITS), Madanapalle on Thursday.

Students will gain insights into the fundamentals of IoT and its applications in various sectors like Healthcare, Education, Agriculture and Retail. The students will experience live demos of IoT product prototypes, and using Octabrix - iB Hubs Hardware Development Kit, they will have a great hands-on experience building prototypes.

Speaking about the vision of iBootup IoT Series, Prashanth Nimmagadda, Consultant, AP Innovation Society said, "With iBootup, we are promoting a culture of entrepreneurship in advanced technologies throughout the state and equipping students with all the resources they require to develop themselves.

Andhra Pradesh should become a pioneer in advanced technologies."

Talking about the initiative, Kavaya Dommeti, Director iBuild Innovations India Ltd (iB Hubs), said, "iBootup IoT Series is much more than just introducing Internet of Things to students. It equips them to build their careers in IoT domain and become the pillars of innovation in the Indian IoT ecosystem." Her team Ms.Thanmai and Mr.Harendra from iB Hubs Bangalore were a part of delivering the training.

Addressing the students Principal Dr C Yuvaraj said, "MITS is happy to host such workshops and also thanked AP Innovation Society and iB Hubs." He urged students to make use of this opportunity. He also reminded of the importance of IoT in the future and the opportunities that come along in this field.

About 114 students attended the workshop. Dr Jagadeesh Babu, Secretary, MITS Innovation Society K Chokkanathan and Rahim Bakash K were present.

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