

Report On

Two Days Workshop on “Smart Agriculture Robot” – 24-03-2023&25-03-2023

(Organized by IEEE Hyderabad Section in association with IEEE student branches GPCET&RCEW)

Day-1 Report:

The workshop on Smart Agriculture Robot (SAR) was organized by the IEEE student branch (GPCET&RCEW) in association with IEEE RAS (Robotics and Automation Society) conducted on 24th of March, 2023. The inauguration of the workshop was held in the seminar hall of GPCET with Students Participants of 61 (II B.Tech students) and by lightning the lamp by respected dignitaries the program had it beginning. Soon, after that the chief guest of honour Dr.J.Sudharsan (Chairman IEEE – Robotics and Automation Society) gave a speech on how developing robotics technology is, it has been widely used in neighbouring countries and soon-to-be-developed humanoids in our country, Dr. J. Sudharsan has also shared his experience on how research and publishing helped him to showcase innovative ideas and added on coming up with students to help them and support them for their research and the session continued by Smt.Mounika Sakhineti on how interesting and helpful the workshop is going to be and the zeal to make them realize out of academics how this workshop makes them boost confidence and the following speeches by Dr.Y.Pandurangaiah, Special Officer, GPCET and Dr.C.Srinivasa Rao, Principal, GPCET gave the keynote on how important is to participate in such workshops and the creativity, adaptability comes out from a students and the entire program is coordinated by Dr.M.Rama Prasad Reddy, Program Coordinator and also Dr.G.Pandu Ranga Reddy, IEEE SB Counselor@GPCET, Mrs.M.Jayalakshmi, IEEE SB Counselor@RCEW attended for inaugural function.

Photo Gallery:

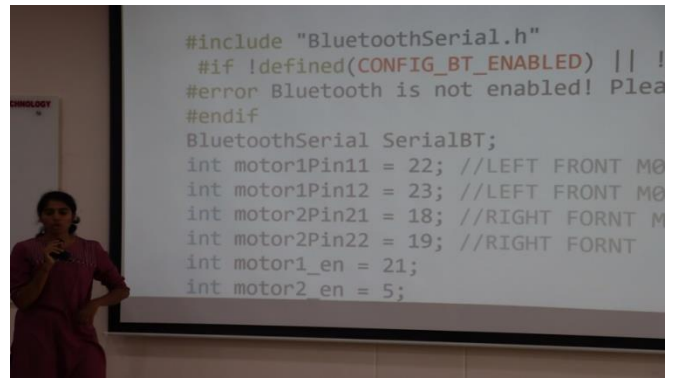


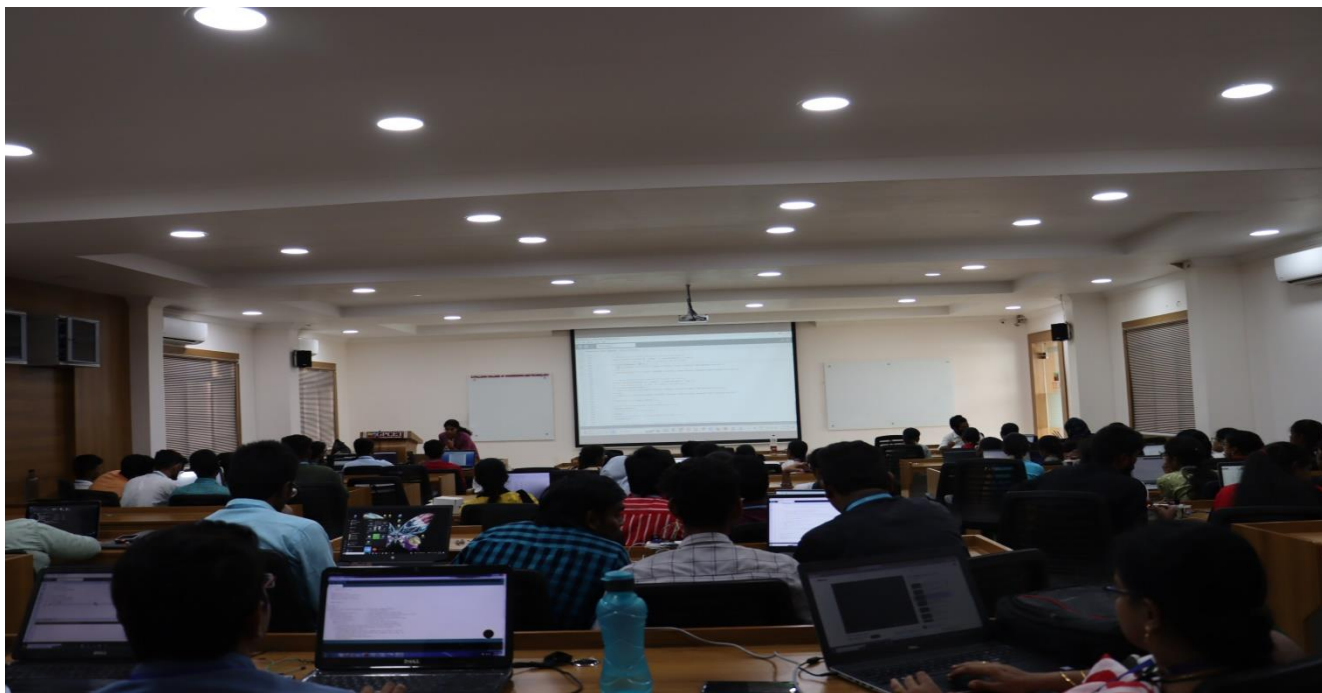


Day-2 Report:

On the second day of the workshop i.e 25th of March, 2023. The respected Mrs. Mounika Sakhineti continued with the first part as installation, building, and development of the MIT Android app. the app had been a major key to making students show enthusiasm and idea on how the development of apps is done, the research and working of app and models on robotics and automation and the starting of how to build a model and the making of structured model was practically visualized by robot models and the continuation with, how does a robot work! was done at the morning session of the DAY 2 workshop and soon after the break the virtual mode which combined of educating students on concepts of electrical and electronic installation of how the internal system of the robot is built, the afternoon session continued by showing the practical robot model to the students and the combination of robotics virtual and practical mode was presented and also educating students about the mechanics by way of the motion of robots and different parts of it. The workshop made awareness of the mathematical concepts of robotics installation and in the evening, the end part of the workshop continued with the meeting of respected dignitaries and students. where students shared their experiences and also the feedback from students were taken viva voce at the same with a hard copy in a view of taking every student feedback with a overview of how helpful and productive the workshop was and they learned how to build robots and how to code and grasp a solid foundation of math and science ending part with the vote of thanks by Mrs.S.Fowzia Sultana, Assistant Professor, GPCET on how encouraging are the higher officials for conducting such workshop and the productive workshop ended with the photo Session where the respected Dr. J.Sudharsan joined with the participants of the workshop.

Photo Gallery:





Report Prepared by
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