

School of Computer, Information and Mathematical Sciences

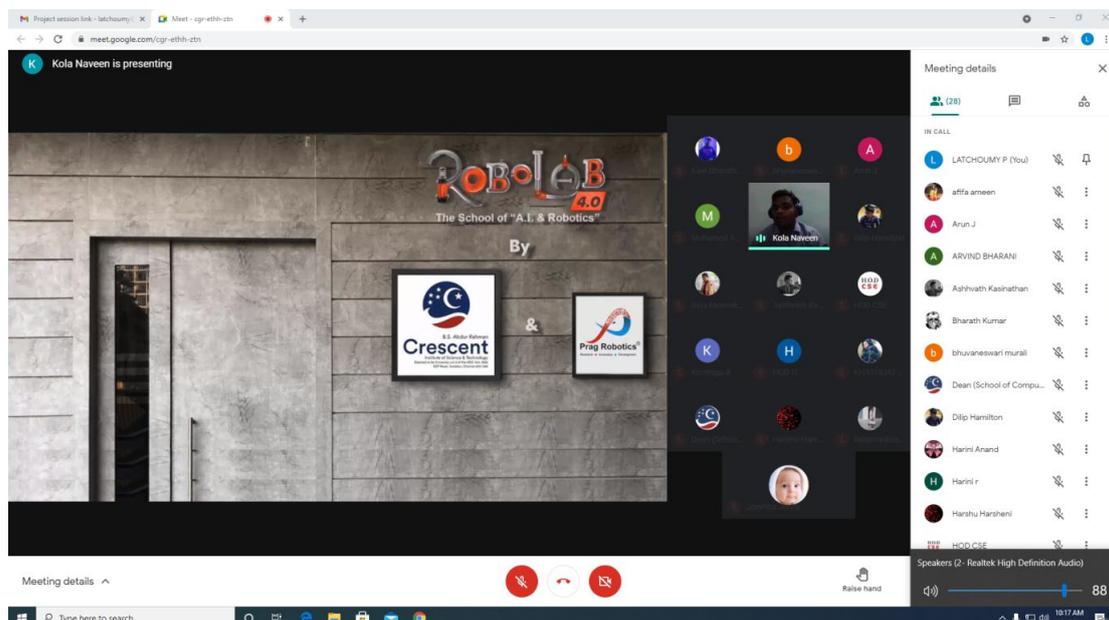
DEPARTMENT OF INFORMATION TECHNOLOGY

Report of Webinar on “Prag Robotics” - 01.04.2021

The School of Computer, Information and Mathematical Sciences organized a Webinar on “Prag Robotics” for the final year B.Tech. (IT & CSE) students on 01.04.2021 through Google Meet. The Resource Person for the webinar is Mr. Kola Naveen, Robotics & A.I. Architect, Prag Robotics, Chennai. The main objective of the webinar is to impart the knowledge in the field of AI, Machine Learning and Robotics.

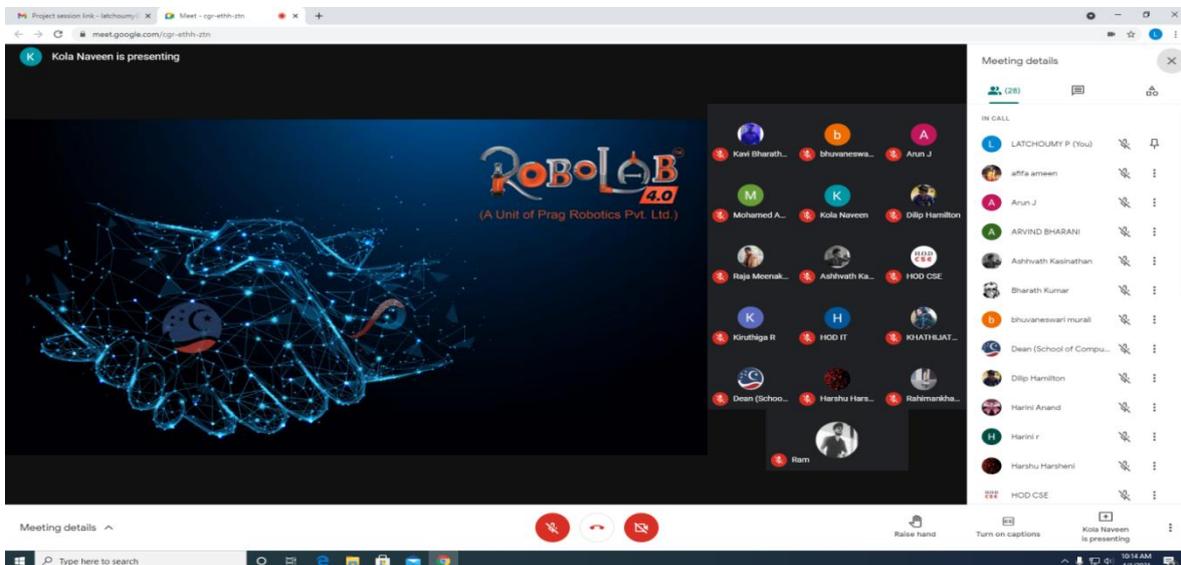
Dr. Venkatesan Selvam, Dean (SCIMS) welcomed the Resource Person and Participants. Dr. I. Sathik Ali, HOD/IT and Dr. E. Syed Mohamed, HOD/CSE offered felicitation. Dr. P. Latchoumy, Associate Professor/IT coordinated the webinar.

Mr. Kola Naveen started his presentation with an introduction about Prag Robotics, what they are, what they do, what services they are offering to the students’ community. Prag Robotics is a team of expert professionals combined with its judicious engineering workforce, providing techno education to schools and colleges and process enhancement solutions and technological services to industries. With the help of our Management, they have constructed it in our campus, which is in Mechanical Science Block named as Robo4.0. Mr. Kola Naveen discussed about the services provided by his team to the students’ community.



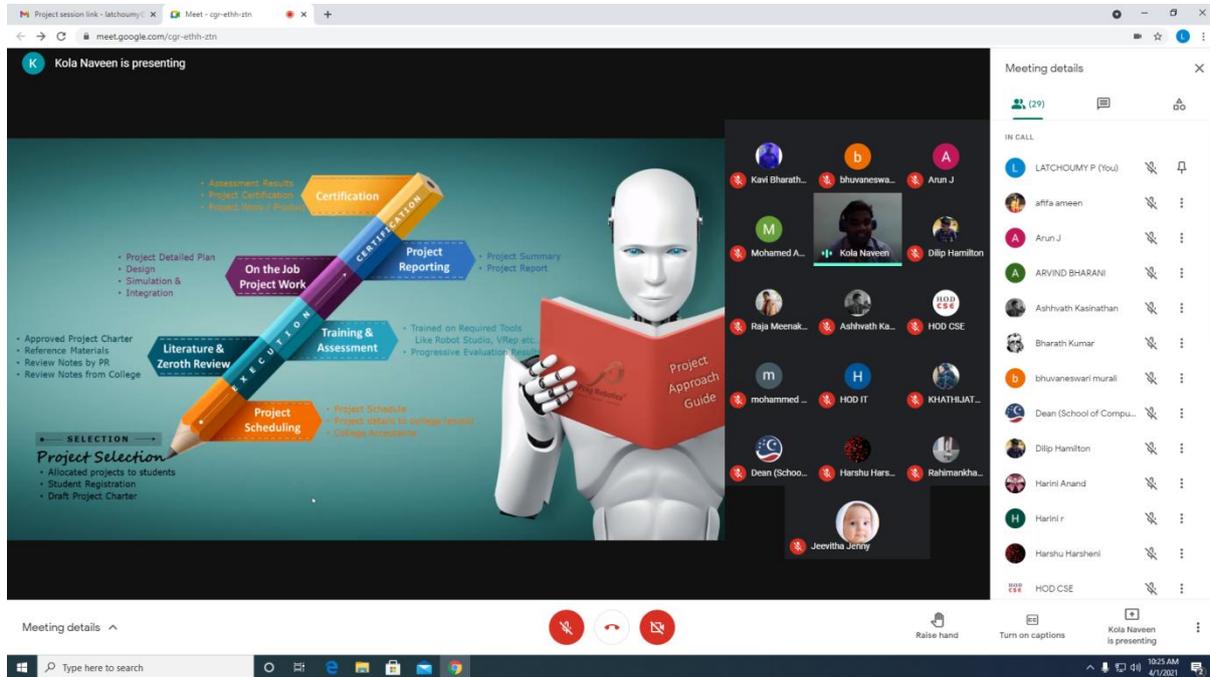
The speaker also gave us a clear idea about the steps involved in presenting, developing & implementing a final year project. He also gave us the idea about the project that can be developed under his supervision. This session helped students to figure out new ideas for their final year projects, where they would be guiding the students on how to do the project and also make them learn the same. Some of the project ideas given by them are:

- Health monitoring system -IoT
- Vision based Automation System-IoT
- Temperature monitoring-IoT
- Detect Mechanical defects on Microscopic images- DL
- Interpret Braille Language-ML
- Automated Attendance-DL
- Garbage Detection System-AI
- Voice mood recognition - AI, ML, DL
- Smart irrigation system - IoT
- Water purity checker - IoT



The above topics were briefly discussed by Mr. Kola Naveen which was very helpful to the students. After listing the projects, an interactive session held between students and Mr. Kola Naveen. Many students came forth with their doubts and ideas. This session was completely interactive as students gained more knowledge regarding Robotics and various tools & techniques. The meeting proved to give an

insight to students for selecting final year projects and also gave a clear idea on future development of Robotics. The contact details of Prag Robotics was shared by the resource person with Faculty Members and Students. Finally, the session ended with Vote of Thanks.



The webinar has provided the participants with a deep understanding of industrial robotics & service robotics and the implementation of the same in final year project. The information and knowledge shared by the resource person was very helpful for the students in choosing their project work in modern technologies like, AI, Machine Learning, Deep Learning & Robotics. Overall it was very useful to the students as it gave awareness about the latest technology.

Convenors

Dr. Venkatesan Selvam, Dean (SCIMS)

Dr. I. Sathik Ali, HOD (IT)

Dr. E. Syed Mohamed, HOD (CSE)

Coordinator

Dr. P. Latchoumy