

DEPARTMENT OF MECHANICAL ENGINEERING

28 DECEMBER 2019

REPORT



PREPARED AND PRESENTED BY

MR. PRAVEEN B RONAD

ASSISTANT PROFESSOR , DEPARTMENT OF MECHANICAL ENGINEERING
AND FACULTY COORDINATOR OF ROBOTICS RESEARCH CENTER-
INNOVATIO HUB

ABOUT INNOVATIO HUB:ROBOTICS RESEARCH CENTER



A LITTLE BIT ABOUT OUR INNOVATIO HUB- ROBOTICS RESEARCH CENTER

Department of Mechanical Engineering of Sreyas Institute of Engineering and Technology had an MoU with the Robotics Startup Company Innovatio Drop Pvt Ltd. A Innovatio Hub: Robotics Research Center is established in order to promote interdisciplinary research and product developments in the field of robotics and its allied areas.

FINAL PROJECTS REVIEW

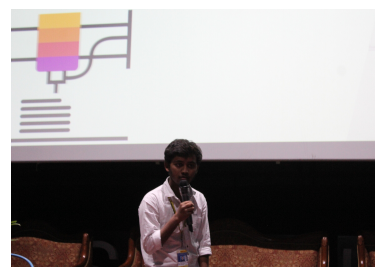
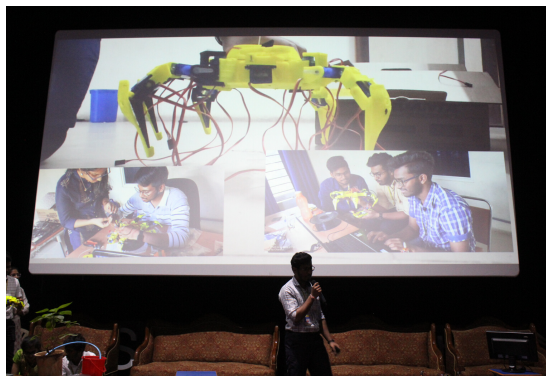
The total 135 students were registered for the training. 36 Students are selected through interview.

training covered a total of 19 session which included a basics of aurdino, electronic and mechanical components.

A special Sessions are also held on Additive Manufacturing , assembly of 3D Printer and PCB Designing.TQM Methods such as 5 S and Kanban Cards is introduced.

After Completion of training students were given a task to conduct Literature surveys in order to identify gaps in technology. the total five different areas has chosen for product development.

- 1.Industrial Application- Industrial Robotic Arm
- 2.Agriculture Application- Spider Robot (Hexapod)
- 3.Flying Area- Quad copter Drone
- 4.IoT Area- Smart Home Automation
5. Medical Area- Proshetic Robotic Arm



CERTIFICATE DISTRIBUTION



At the end of the product display and presentations. Training Certificates were given to all trainees. Shri Ch. Ravindranath Yadav, Secretary . Mr. Hriday Reddy, Vice-Chairman, Dr. Suresh Akella, Principal , Mr. Y. Krishnaiah HoD of Mechanical Engineering, Mr. Praveen B Ronad , Faculty Coordinator of RRC and staff and students were present in the event.

SREYAS & INNOVATIO DROP TEAM MEMBERS

THE AWESOME PEOPLE BEHIND THIS INITIATIVE



SHRI A. VINAY KUMAR REDDY
CHAIRMAN



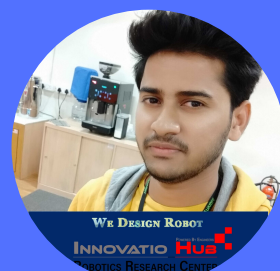
SHRI CH. RAVINDRANATH YADAV
SECRETARY



SHRI A. HRIDAY REDDY
VICE CHAIRMAN



SHRI DR. SURESH AKELLA
PRINCIPAL



MR. P. SHADRACH SUDERSHAN
FOUNDER
INNOVATIO DROP PVT LTD



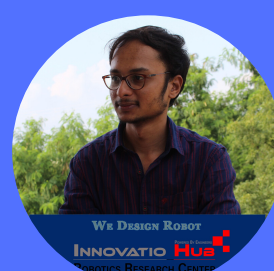
SHRI. Y. KRISHNA
HOD, MECHANICAL
ENGINEERING



MR. N. VINOD KUMAR REDDY
CO-FOUNDER INNOVATIO DROP
PVT LTD AND HEAD
INNOVATIO HUB

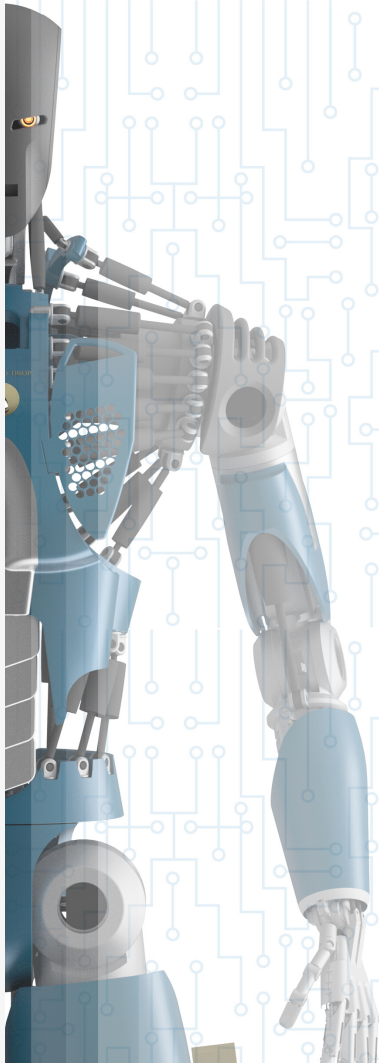


MR. PRAVEEN B RONAD
ASSISTANT PROFESSOR,
FACULTY COORDINATOR,
ROBOTICS RESEARCH CENTER



MR. SHASHIKANTH
TRAINER

ACKNOWLEDGEMENTS



First of all I would like to thank Sreyas Management Shri A Hriday Reddy Vice Chairman sir and Shri. Ch. Ravindranath Yadav, secretary for providing all necessary support and encouragement, without their support this work would not have been successful.

I extend my gratitude towards our beloved principal Dr. Suresh Akella sir for always encouraging me to take up difficult task and execute each and every time.

I personally thank my HoD Mr. Y. Krishna Sir for giving me the opportunity to work for the robotics research center.

I would like to extend my thanks to Mr. P. Shadrach , Founder of Innovatio Drop for having MoU with SREYAS

I would like to really appreciate and thank Mr. N. Vinod Kumar Reddy Head Innovatio Hub for his immense hard work and efforts towards students.

I thank Mr. Shashikanth, Trainer , Mr. Sainath, Technical, Mr. Rajshekar, Support Engineer/Networking for providing training and clarifying students queries in both online and offline.

I would like to extend my thanks to Mr. Mahendra Reddy sir for providing all infrastructure support to establish the hub. I also like to thank Mr. Suresh Babu sir of exam branch for helping us in designing and printing of hub banners.

I would also like to thank all department HoDs, staffs and students for cooperating with classes and timetables in order to conduct training.

Las but not least i would thank all my students for their decision to join robotics training and cooperating with all of us. you guys made us proud.

Praveen B Ronad
Assistant Professor
Faculty Coordinator, Innovatio
Hub RRC