



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B. Reddy Nagar, Mylavaram, NTR District, Andhra Pradesh - 521230

DEPARTMENT OF MECHANICAL ENGINEERING



In Association with The Robotics Club Organized

Two-day Offline Student workshop on

“Robotics and Arduino Programming”

Date / Duration: 06th to 07th March 2023



Event Type	: Two days Student Certification Program
Date / Duration	: 06-03-2023 to 07-03-2023
Name of the event	: Robotics and Arduino Programming
Resource Person	: Dr. B.K.C Ganesh, CEO & Founder, Print 3D Technologies, Tirupathi.
Name of the Coordinator(s)	: Dr.Ch.Siva Sankara Babu, Sr.Assistant Professor Mr. K.Venkateswara Reddy, Assistant Professor Mr. A.Pratyush , Assistant Professor
Target Audience	: B.Tech-VI Semester
Total Number of students	: 106
Objective of the event	: To get Robotics and Arduino Programming skills.
Outcome of event	: Students acquired more knowledge on Robotics and Arduino Programming and applied to core related examples.
Description / Report on Event:	The Mechanical Engineering Department conducted two days student certification program on Robotics and Arduino Programming for VI Semester Students from 06-03-2023 to 07-03-2023 in association with Robotics club, Department of Mechanical Engineering. During the training sessions, the students got the knowledge on the following topics.

- Arduino language
- Arduino.h library
- Setup and loop function
- Variable initialization with the Arduino language
- Automatic prototype generation
- Boolean, byte, and other specific Arduino types

Feed back/ Suggestions : Overall students are satisfied with this training program.

Hearty Welcome
Resource Person and Participants

Two days Hands on practice on
“Robotics and Arduino Programming”

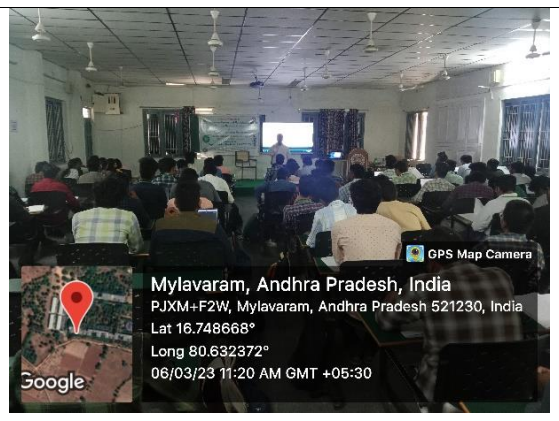
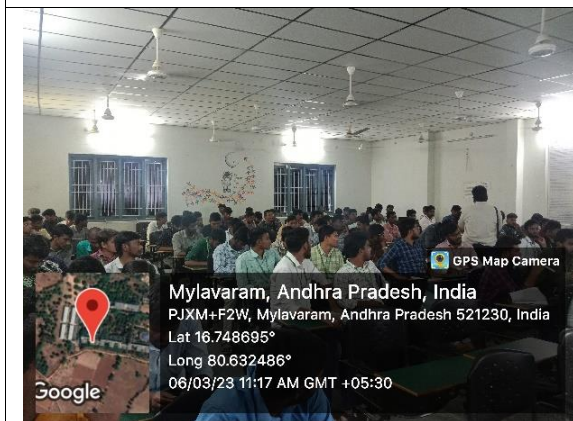
In association with Robotics Club
(06th – 7th March, 2023)
Organized by
Department of Mechanical Engineering

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)
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L.B. Reddy Nagar, Mylavaram-521 230, Andhra Pradesh, INDIA.

DAY TO DAY REPORT

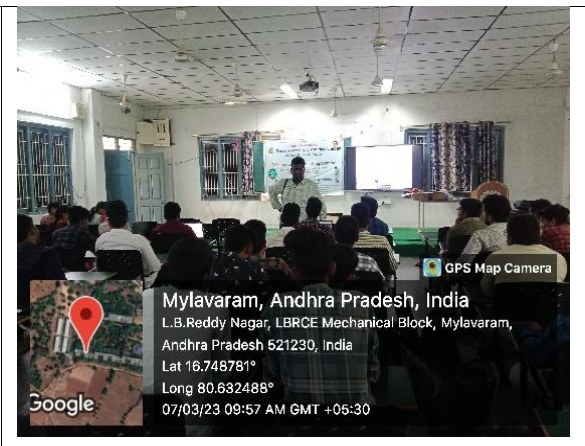
06/03/2023: 09:00 AM – 04:00 PM

Topics Covered: Arduino language, Arduino.h library, Setup and loop function & Hands on Practice on Arduino



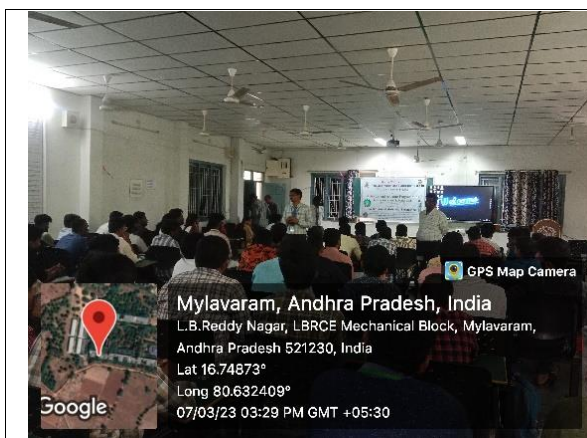
07/03/2023: 09:00 AM – 03:30 PM

Topics Covered: Variable initialization with the Arduino language, Automatic prototype generation, Boolean, byte, and other specific Arduino types & Hands on Practice on Arduino





07/03/2023: Valedictory (03:30 PM – 04:00 PM)



Feedback / Suggestions:

1. To conduct advanced topics on Arduino Programming.
2. Conduct more workshops on Arduino Programming.

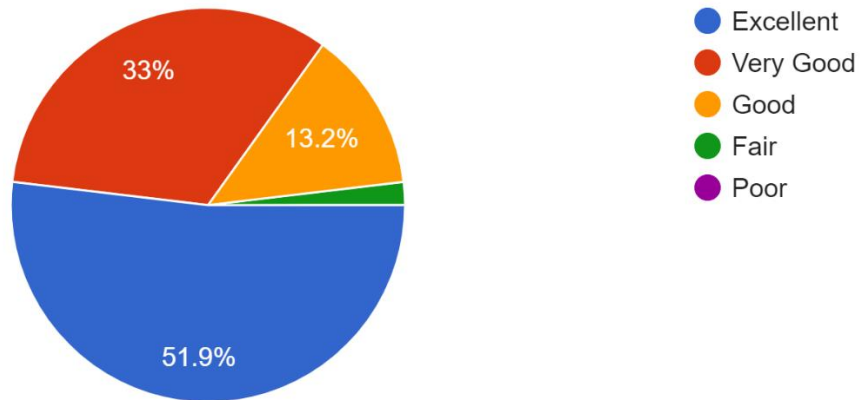
Feedback Report:

The student participants gave their feedback on the two days offline workshop and the responses were shown in the form of graph given below.

Feedback from the participants:

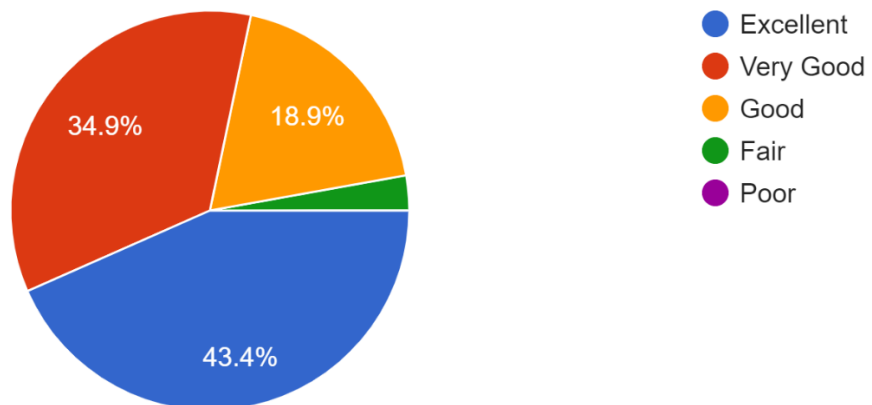
1. How were the sessions?

106 responses



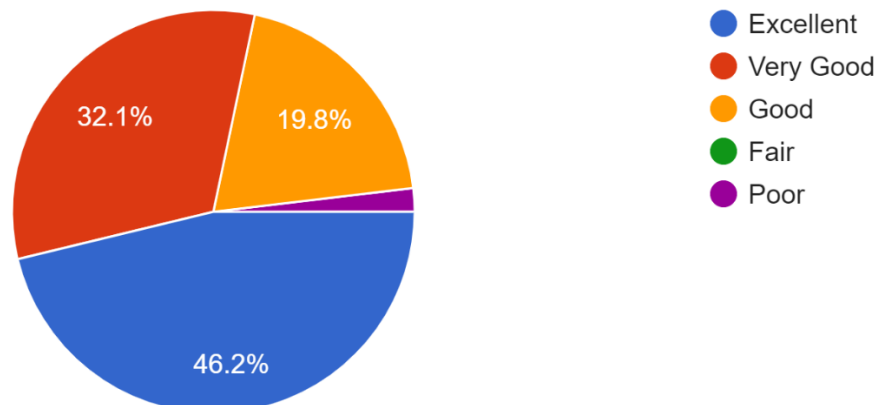
2. Delivery content of the speaker?

106 responses



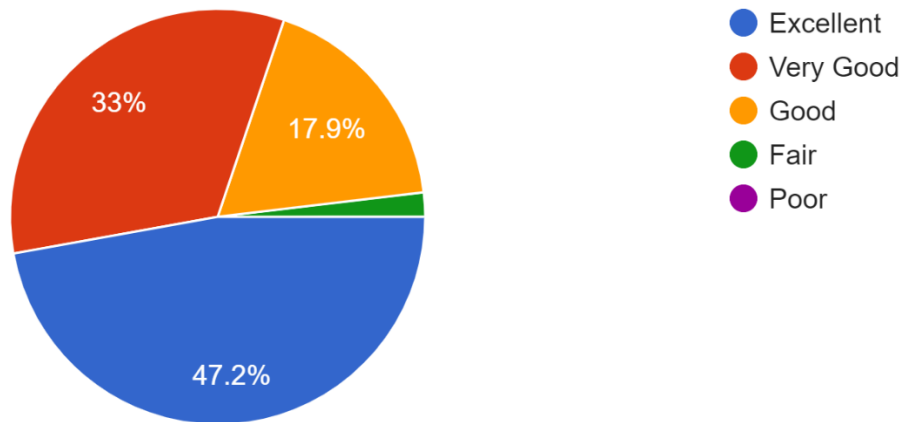
3. Teaching skills of the speaker?

106 responses



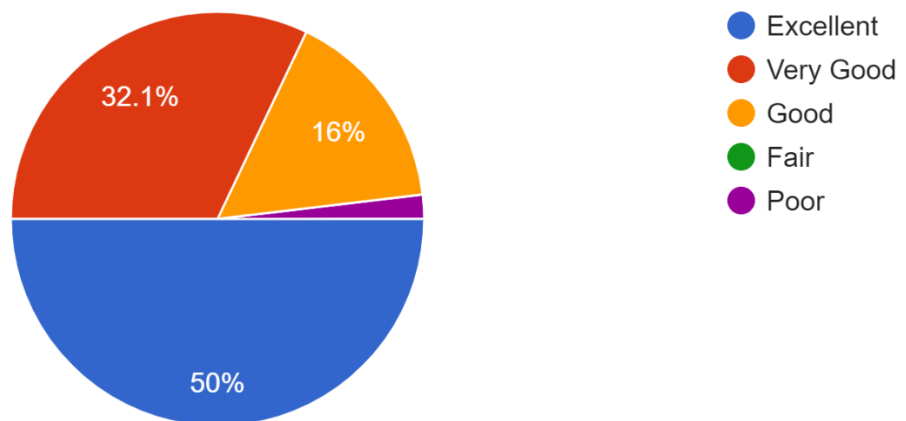
4. Clarification of doubts by the speaker?

106 responses



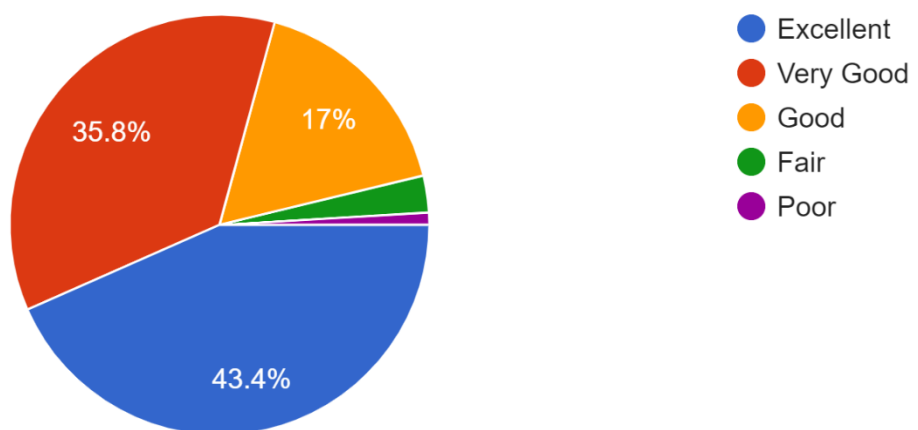
5. Is the workshop useful for the participants?

106 responses



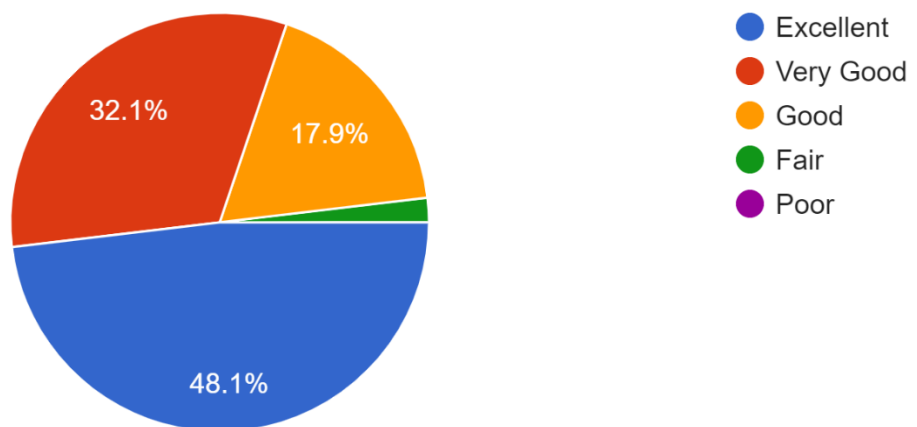
6. How would rate your overall experience?

106 responses



7. Are you likely participate in one of our events in future?

106 responses



8. Any other comments/suggestions

106 responses

Extend the timings

Great experience by participating in the workshop

Robotics workshop to improve the programming skills and how to write program

It was useful to us

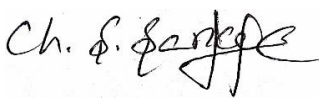



More outdoor practical sessions

It's an very interesting workshop

We would like to request management to conduct these kind of workshops as many as possible

Nothing

Very good

			
Dr.Ch.Siva Sankara Babu	Mr.K.Venkateswara Reddy	Mr.A.Pratyush	Dr.S.Pichi Reddy
Coordinator	Coordinator	Coordinator	Convener