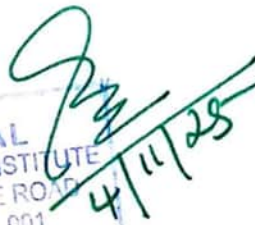


Report On Robotics Boot Camp


FOSS ADVISOR
BJI

ICFOSS, sportshub,
Green field, Kariavattom
15th to 18th Dec. 2025

Submitted by
Mehrin . S
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PORT ON ICFOSS ROBOTICS BOOT CAMP

NAMES:- Mehruin . S
Elizabeth Mathew
Delshana Dileepsha

DEPARTMENT:- Computer Science and Engineering.

COLLEGE:- Bishop Jerome Institute of Technology, Kollam.

VENUE:- ICFOSS Campus, Karyavattom Trivandrum.

DURATION:- 16th to 18th October 2025.

INTRODUCTION

A Three day Robotics Boot Camp was organised by the International Centre for Free and Open Source Software (ICFOSS) at Karyavattom. The camp aimed to provide hands-on training in robotics, embedded systems, and open-source tools, helping us strengthen our technical and problem-solving skills.

SESSIONS AND ACTIVITIES

The program included interactive sessions led by ICFOSS mentors.

- DAY 1:- Basics of Robotics, electronics, and Arduino Programming.
- DAY 2:- Working with sensors, motors, and robot building
- DAY 3:- Line follower robot challenge and project demonstration.

Each day combined theory with practical experience, allowing participants to apply what they learned immediately.

OUTCOME

The camp enhanced our understanding of robotics, teamwork, and innovation. It provided valuable exposure to hardware components and open-source development, encouraging us to explore the field further.

CONCLUSION

The camp was an enriching experience that improved our technical knowledge and creativity. It was a great opportunity to learn from experts and gain real-world insights into robotics.

SUBMITTED BY

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ICFOSS

Gender and Technology Programme

Edray Residential Robotics Boot Camp

ICFOSS, Bangalore, 2005-2006, Kalyanaram, Thiruvananthapuram

18th Nov 2005



Row 1 (Left to Right): Niji G.S (Training Co-ordinator - ICFOSS), Hasiya U.N (Programme Co-ordinator - ICFOSS), Dr. Sunil T.T (Director - ICFOSS), Mr.Shibu V (Consultant - ICFOSS), Bilumon Joseph (Secretary & Registrar - ICFOSS),

Row 2 (Left to Right): Valsakh B (Lab Assistant - ICFOSS), Arsha Paul (Intern - ICFOSS), Sherin David (Engineer / Developer - ICFOSS), Sona S.T, Surabhi S, Bincy T Wilso

Mehrin S, Nanda Anandhan P, Farzana Shibu, Farzana Shibu, Aashika Sankar V.S, Asana S, Anamika L.R, Thejaswi K.P, Mythreyi Panachooran,

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Row 3 (Left to Right): Jusna J.S, Devika B, Rakshana R Nair, Abhirami A, Ann Maria Abhilash, Meenakshi Suresh, Avant Santhosh, Aswathy Santhosh, Keerthana Sas

Anjali K.K, Muhsina Feros Fazaludeen