



**RAMCO INSTITUTE OF TECHNOLOGY**

Approved by AICTE, New Delhi & Affiliated to Anna University

Accredited by NAAC & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

**Academic Year 2023-2024**

**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING**

**Value Added Course**

on

**Electronic Hobby Kits Making**

**Duration**

19.07.2023 to 21.07.2023

**Co-ordinator**

**Dr.R.Rajalakshmi**

Assistant Professor  
Department of ECE

**Convenor**

**Dr.C.Arunachalaperumal**

Professor & Head  
Department of ECE

**PATRONS**

**Dr.L.Ganesan**

Principal, RIT

**Dr.S.Rajakarunakaran**

Vice-Principal, RIT



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## **RESOURCE PERSONS:**

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- 3) Dr.S.Vairaprakash, Associate Professor/ECE
- 4) Dr.A.Lakshmi, Associate Professor/ECE
- 5) Mr.B.Kannan ,AP(SG)/ECE
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- 12) Mr.P.Gunasekaran, AP/ECE
- 13) Mr.R.Deiva Nayagam, AP/ECE
- 14) Mr.G.Sivakumar, AP/ECE
- 15) Mr.P.Venkatesh, AP/ECE
- 16) Ms.S.Harini Shriram, AP/ECE
- 17) Dr.R.Rajalakshmi, AP/ECE
- 18) Mrs.G.Subhashini, AP/ECE
- 19) Ms.L.Krishna Kumari ,AP/ECE
- 20) Ms. R. Chandralekha ,AP/ECE

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# REPORT

## **VALUE ADDED COURSE “ELECTRONIC HOBBY KITS MAKING”**

**Duration:19.07.23-21.07.23**

The Department of Electronics and Communication Engineering, Ramco Institute of Technology, organized a Value Added Course titled “**Electronic Hobby Kits Making**” for **II Year B.E. Electronics and Communication Engineering students** during the academic year **2023–2024**. The program was conducted for three days from **19 July 2023 to 21 July 2023** in the ECE laboratories of the institute.

The course was coordinated by **Dr. R. Rajalakshmi, Assistant Professor, ECE**, under the guidance of **Dr. C. Arunachalaperumal, Professor and Head, ECE**. The sessions were handled by **faculty members of the Department of Electronics and Communication Engineering**, who served as resource persons and provided comprehensive guidance to the students throughout the program.

The objective of the course was to strengthen the fundamentals of electronics and to provide early hands-on exposure to hardware implementation for II Year ECE students. The program focused on practical learning through the design, assembly, and testing of various electronic hobby kits related to basic electronics, sensor-based applications, automation systems, and Arduino-based projects.



During the sessions, students were trained in component identification, circuit operation, and troubleshooting techniques. The faculty members actively mentored the students, enabling them to understand the practical relevance of theoretical concepts. The hands-on training encouraged active participation, teamwork, and problem-solving skills among the students.

The course enabled students to successfully implement working prototypes and improved their confidence in handling electronic components and laboratory equipment. Overall, the Value Added Course proved to be highly beneficial in enhancing the technical skills and practical knowledge of II Year ECE students and contributed positively to their academic development.



Training sessions were conducted for the students for making Electronic hobby kits.



Demo sessions also conducted for the students for making Electronic hobby kits.