
ACADEMY OF TECHNOLOGY

Department: ECE

Paper name: Internet of Things

Code: OE-EC 803A

Semester: 8

TECHNICAL REPORT WRITING

Topic: **IoT protocols: How IoT devices communicate with the network**

Learning outcome of technical report topic	Mapped to course outcome of paper	Bloom's Taxonomy level
To Understand how data from one device or sensor gets read and understood by another device, a gateway, a service in IoT system	CO3: Build knowledge about various types of communication protocol exist in IoT for creating network among different IoT modules.	BL2: Understanding

Relevant questions on Technical Report topic:

1. Define IoT protocols and their significance in IoT system. [5 marks, Remembering]
2. Briefly explain the role of application layer in IoT system architecture and briefly describe various IoT protocols those are used in application layer [5 marks, Understanding]
3. Briefly explain the role of transport layer in IoT system architecture and briefly describe various IoT protocols those are used in transport layer [5 marks, Understanding]
4. Briefly explain the role of network layer in IoT system architecture and briefly describe various IoT protocols those are used in network layer [5 marks, Understanding]
5. Briefly explain the role of data link layer in IoT system architecture and briefly describe various IoT protocols those are used in data link layer [5 marks, Understanding]
6. Briefly explain the role of physical layer in IoT system architecture and briefly describe various IoT protocols those are used in physical layer [5 marks, Understanding]

Submission Deadline: 28/02/2024

Instructions to write Technical Report

Prescribed format of Title Page

Technical Report Writing on

.....**Title**.....

Submitted by

Name:.....

Department:.....

Semester:

Roll Number:.....



Department of

Academy of Technology

Aedconagar, Hooghly-712121 West Bengal,
India

Note: Nothing else must be written on title page. Begin the rest of the report from next page

1 Abstract

(within 50 words) This section should give a true, brief description of the report's content.

2 Introduction

(within 150-200 words) This section introduces the topic of the report. It explains the problem. It indicates the purpose of the report. It briefly outlines the report structure.

3 Procedure and Discussion

The section contains the main content. We should introduce small subheadings here in order of importance. Include theory, methodology, findings, apparatus, derivations, analysis, comparisons, calculations, applications, and other details as needed for the report here. This section may also include tables, charts, graphs, diagrams and other relevant figures. All such figures must be properly numbered and labelled.

4 Conclusion

Conclusion should be within 50-100 words.

5 References

All books, articles and web pages referred to should be listed in alphabetical order in this section. A sample is given below. NOTE: Subject teachers should insert appropriate references as samples for students as relevant for topic given here.

1. Dynamic Programming, by E. V. Denardo, Dover Publications, 2003.
2. The construction of optimal binary search trees using dynamic programming is described in "The Art of Programming: Sorting and Searching", Vol.3, by D. E. Knuth, Second Edition, Addison Wesley, 1998.