

Topic: Extrinsic Materials:-n-type and p-type

Modules:

a. Objectives:

Some points about learning about extrinsic materials and their types, applications.

b. Subject Mapping:

Introduction about the topic, their types, essential equations and diagrams about different types such as n type and p type.

c. Summary:

The whole subjective matters will be summarized here within 5-6 sentences in text format.

d. Text

- **Case studies:** Some problems and their solutions regarding to the different semiconductors and their equations.
- **FAQ's:** The most common questions regarding this content will be placed here in this section, such as:-
 - Why we need these extrinsic materials in our life?
 - In which field this materials are applied? Etc...

e. Video and audio:

Some video links about n-type and p- type semiconductors, some audio clips on its applications and also some lectures of different professors on this topic can be played.

f. Assignments:

Some sample problems and exercise questions on this topic will be provided at the end.

- **Quiz:** Some sample tests on this topic provided here for the students.
- **Tutorial:** Some tutorial links on how n-type and p-type works, their mechanism.

g. References:

- **Glossary:** Subjects regarding this topic will be listed alphabetically here, such as,

F:

Forward biased semiconductor

T:

Temperature Effects

Z:

Zener region

Etc.

- **Links:** Youtube video links, audio links will be attached in the section.

h. Download: Pdf documents, codes, and video files download links are enlisted in this section.

i. Contact: Authors' contacts (e.g mail id, phone number etc.).

Project Proposal

Course Code: CSE-456

Course Title: Multimedia & Animation Technique Laboratory

Submitted To:

Dr. Mohammad Zahidur Rahman

Professor,

Jahangirnagar University

Submitted By:

Roll	Name	Semester
04	Jannatul Ferdous	4-2
06	Mahmuda Naznin Eva	4-2
11	Rehnuma Reza Deepty	4-2
15	Albina Alam	4-2