SALIM HABIB UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE

ASSIGNMENT + PRESENTATION

Course Code: PHC-103/104 **Course Title:** Applied Physics

Group 01	Assignment Topic	Group Members
01	Explain the science of polarization and its role in sunglasses, cameras, and 3D movies.	F24CSC015 Ayesha F24BSE017 Mariyam F24CSC025 Nazil F24CSC010 AHMED ASIF BUTT F24CSC039 Muhammad Aaraaf F24CSC001 Syed Abdul Muiz
02	Explain electric field concepts with applications like photocopiers and capacitive touchscreens.	F24BSE016 Hafiz Abdullah F24CSC009 Mohsin Ahmed F24CSC019 Daniyal Ali F24CSC047 Dilawer Ali F24CSC029 Muhammad Saad Ali F24CSC038 Syed Saad Ali
03	Analyze how semiconductors are used in solar cells, LEDs, or modern devices.	F24CSC049 hasnain Ali F24CSC048 Amna Mustafa Alwani F24CSC050 Abdullah Amjad F24CSC026 Fatima Anis F24CSC016 Eiman binte rizwan Ashfaq F24BSE019 Anosh Ashraf
04	Explain the science of polarization and its role in sunglasses, cameras, and 3D movies.	F24CSC032 Muhammad Osama Athar F24CSC017 Syed Awais Ahmed F24CSC052 Muhammad Ayyan Amir F24CSC044 Muhammad Rashail Baig F24CSC041 Muhammad Bilal Ubaidullah F24BSE007 SYED FASIH ULLAH

05	Explain electric field concepts with applications like photocopiers and capacitive touchscreens.	Muhammad Furqan Faisal Muhammad Furqan Maheen Habib Muhammad Hamza Butt Vania Hanif Asna Hasan
06	Analyze how semiconductors are used in solar cells, LEDs, or modern devices.	Abdul Haseeb Muhammad Hassan Mirza Muhammad Hassan Nasir Hussain Muhammad Ahtesham Iqbal Muhammad Irfan
07	Explain the science of polarization and its role in sunglasses, cameras, and 3D movies.	ZOHAIB SALMAN KHALID CHAWLA Muhammad Kabeer Aiman Khalid Fabiha Khalid Waleed Khalid Abdul Ahad Khan
08	Explain electric field concepts with applications like photocopiers and capacitive touchscreens.	Bakhtawar Khan Manal Khan Ahsan Khursheed Manal Lodhi Abdul Moiz Muhammad Faizan Mughairi
09	Analyze how semiconductors are used in solar cells, LEDs, or modern devices.	Uzma Niaz Abdul Rafay Abdul Rafay Hashid Rasheed Iman Riaz Syed Ali Raza Rizvi
10	Explain the science of polarization and its role in sunglasses, cameras, and 3D movies.	Meshma Rozey MAYUR SHAHANI Muhammad Reyan Saifee Rida Saleem Omaima Sarfaraz Bulbul Shah

11	Explain electric field concepts with applications like photocopiers and capacitive touchscreens.	Mohammad Shehzar Sharif Shaheer Ahmed Siddiqui Ayesha Tahir Iqra Tariq Sheikh Waiz Usmani Muhammad Waqas
12	Analyze how semiconductors are used in solar cells, LEDs, or modern devices.	F24CSC030 Sani-E-Zehra F24CSC003 Aeliya haider F24BSE013 Muhmmad waqar kiyani S24CSC037 Abdul Hafeez Dashti S24CSC033 Abdul Haseeb Qazi S24CSC020 Ahsan Raza Shahid

Assignment Report Guidelines **(5 Marks)**

Each group must submit a detailed report on their assigned topic.

Report Structure:

1. Title Page:

- Group Name and Number
- Topic Title
- Names and Registration Numbers of Group Members

2. Introduction:

- Brief explanation of the topic.
- Why is the topic important?

3. Main Content:

- Explain the concept in detail.
- Relate it to real-life applications.
- Provide relevant examples, diagrams, or calculations.

4. Conclusion:

- Highlight the significance of the topic in the modern world.

5. References:

- Include all sources used (books, articles, websites, etc.).
- Use proper citation format.

Formatting:

Font: Times New Roman, Size: 12

Line Spacing: 1.5

Presentation Guidelines **(10 Marks)**

Each group will give a presentation to the class based on their assigned topic. Presentations must be interactive and engaging.

Presentation Structure:

1. Introduction:

- Introduce the topic and its importance.

2. Main Content:

- Explain the concept in simple terms.
- Relate it to real-world applications.
- Use diagrams, charts, or demonstrations to enhance understanding.

3. Conclusion:

- Summarize key points.
- Discuss the significance of the topic.

Q&A Session:

- Respond to questions from the audience or instructor.

Presentation Tools:

- Use PowerPoint slides.
- Include visuals like diagrams, charts, or pictures.
- Hands-on demonstrations are highly encouraged (if feasible).

Submission and Presentation Schedule

Assignment Report Deadline: 31-01-25

Presentation Dates: 31-01-25

Important Notes

- Plagiarism will result in a deduction of marks. Ensure originality in both the report and presentation.
- Practice teamwork! Every group member must contribute equally to the assignment and presentation.
- Use credible sources for research and provide proper citations.