

Fr. Conceicao Rodrigues College of Engineering
Fr. Agnel Ashram , Bandstand Bandra (west)

Class: T.E Computer Sem -VI

Subject: Mobile Computing

Practical No:	6
Title:	File Transfer using bluetooth
Date of Performance:	24/03/2025
Date of Submission:	27/04/2025
Roll No:	9913
Name of the Student:	Mark Lopes

Evaluation:

Sr. No	Rubric	Grade
1	On time Completion & Submission (2)	
2	Output (3)	
3	Code Optimization (3)	
4	Knowledge of the topic (2)	
5	Total (10)	

Signature of the Teacher:

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Experiment No.:

Aim: To implement a Bluetooth network with application as transfer of a file from one device to another.

Theory:

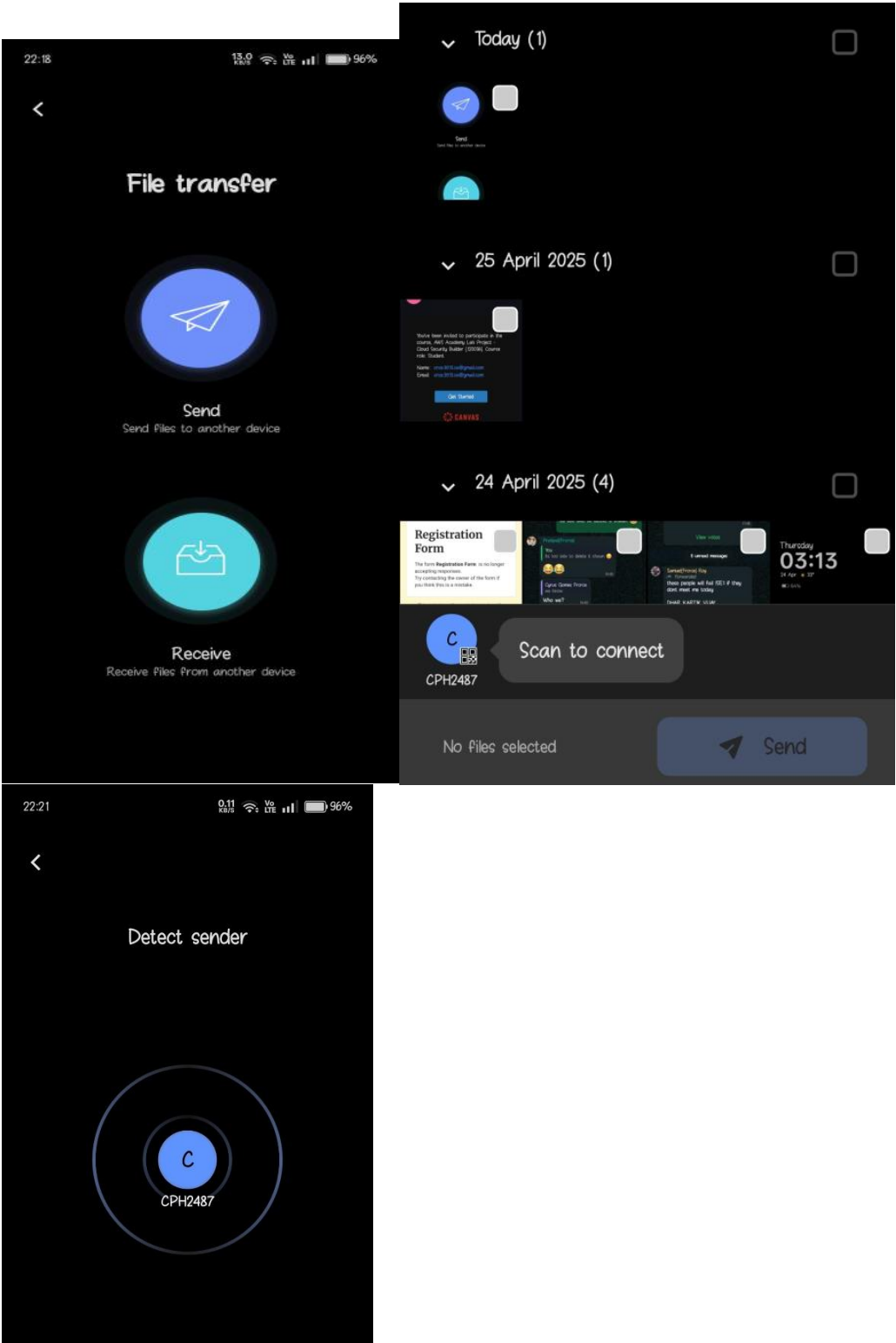
Bluetooth is a wireless technology standard used for exchanging data between fixed and mobile devices over short distances using UHF radio waves in the industrial, scientific and medical radio bands, from 2.402 GHz to 2.480 GHz, and building Personal Area Networks (PANs). It was originally conceived as a wireless alternative to RS-232 data cables.

Bluetooth is managed by the Bluetooth Special Interest Group (SIG), which has more than 35,000 member companies in the areas of telecommunication, computing, networking, and consumer electronics. The IEEE standardized Bluetooth as IEEE 802.15.1, but no longer maintains the standard. The Bluetooth SIG oversees development of the specification, manages the qualification program, and protects the trademarks. A manufacturer must meet Bluetooth SIG standards to market it as a Bluetooth device.

Transfer of words between two phones using Bluetooth is done below.

<https://www.youtube.com/watch?v=5M4o5dGigbY>

OUTPUT:



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CONCLUSION

Thus, we have performed successfully the experiment of transferring data between two mobile phone using Bluetooth network.