

Fading Channels & Mobile Communications

IIT Kharagpur

Date: 26 Mar 2022

Exp 6A: Frequency Reuse

Name: SANJIT U19EC008

The screenshot displays the 'Exp6A Virtual Labs-FCMC IIT Kharagpur' interface. On the left, a control panel for 'SANJIT U19EC008' includes a 'Cell Radius' of 20, frequency selection 'f: 3' and 'j: 3', and a 'N: 27' indicator. Buttons for 'Show Cells', 'Clear', 'Check', and 'Report' are present. A 'Help' section explains the process of selecting co-channel cells. A legend identifies 'Center Cell' (pink), 'Co Channel Cells' (blue), 'User Selected Cells' (orange), and 'Correct' (green). The main area shows a hexagonal grid of cells numbered 01 to 204. Several cells are highlighted in green, indicating correct frequency reuse. A 'Discussion:' text box is at the bottom left, and a 'SUBMIT' button is at the bottom right. The footer includes 'Developed by Virtual labs, IIT-Kharagpur.' and a Windows taskbar with various application icons and system information.

Discussion:

(Signature of SANJIT U19EC008)

(Signature of Faculty)