

Fading Channels & Mobile Communications

IIT Kharagpur

Date: 26 Mar 2022

Exp 6B: Frequency Reuse

Name: SANJIT U19EC008

The screenshot displays the 'Exp6B Virtual Labs-FCMC IIT Kharagpur' interface. On the left, a control panel for 'SANJIT U19EC008' includes a 'Cell Radius' of 40 and a 'Reuse(N):' dropdown set to 12. Buttons for 'Show Cells', 'Clear', 'Check', and 'Report' are present. A text box contains instructions: 'been identified and shown on screen.', '2. Click on remaining cells of the cluster.', and '3. Click on CHECK button.' Below this is a legend with four items: 'Center Cell' (pink square), 'Cluster Cells' (blue triangle), 'User Selected Cells' (orange square), and 'Correct' (green square). The main area shows a 10x10 grid of hexagonal cells, each labeled with a number from 00 to 99. A central cluster of cells, including 40, 41, 42, 43, 44, 45, 46, 47, 50, 51, 52, 53, 54, 55, 56, 57, 60, 61, 62, 63, 64, 65, 66, 67, 70, 71, 72, 73, 74, 75, 76, 77, 80, 81, 82, 83, 84, 85, 86, 87, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, is highlighted in green. A 'Discussion:' text box is at the bottom left, and a 'SUBMIT' button is at the bottom right. The footer indicates 'Developed by Virtual labs, IIT-Kharagpur.' and includes an 'Activate Windows' watermark.

Discussion:

(Signature of SANJIT U19EC008)

(Signature of Faculty)