Name :- Sakshi Anil Pokane class: - TE-A -ROIINO: 42 (000) Assignment No:-6 Understanding & connectivity of Rasphe-Mry-Pil Beagle board with a zigbee Module-write a network application for Communication between two devices Wing zigbee. is a communication device used for the data transfer between the Controller Computers, Systems, really anything with a serial port. As sit works with low power consumptions, the transmission distances is limited to 10-100 meters line of sight- zigbee devices can transmit date over long distances by passing data through & i mesh network of intermedicate dewices to reach more distant ones. zigbee is typically used in low data rake applications that require long battery life. and secure networking gr main applications are in the field of mireless sensor network based on industries as it requires Short-range low-rate wireless data transfer The technology: defined by the zigBee specification is

Page No. and less expensive than networks. Here we make of zigbee with Raspberery mireless communication got four USB parks, so it ZigBee Dongle for this want to check the between the two paveld intended to be simpler other nurelless use of an interface Pi2 for a proper Raspberry Pi2 has is better to use a interferce. Now me Communication ZigBee modules. AND THE PARTY OF T Python swipt to perform zigbee communication: Import serial # Enable USB Communication Sex = Serial - Serial ('/deu/tty USBD', 9600, TEMED = .5) while True: ser-write ('Hello User/r/n') # write a Data incoming = ser-readline ()-ship () print 'Received Data: 'tincoming Conclusion: Thus, rue have done zigbee Comm-unication between two Raspherery Pi Dellices.