

USER MANUAL

Platform: **Linux (Developed and tested on Linux (suse))**

How to Use This System????...

Run the '**make**' command at the console to compile the source code.

Type "**./ce**" at the console to run the program

Ex:

```
xxx@linux> make
xxx@linux> ./ce
```

Once the above command is executed, the system queries for the following inputs

Enter the k and n values

--- Normally k value lies in the range of 1 to 7 and n value lies in the range of 2 to 8

Enter the constraint length K

--- Constraint length K is the length of the polynomial.

Enter the n polynomials

--- Enter the 'n' polynomials in binary

Enter the Packet size to send along the channel

--- This value should be a multiple of 'n'.

Enter the number of Packets to Transmit over the channel

--- Specify the number of packets to be transmitted over the channel.

The System now displays various things that are computed during the process of encoding, transmitting over the channel and decoding phase. Finally it displays the Bit error rate.

To view the complete details of last transmission view the "logfile.txt"

- vi logfile.txt or
- cat logfile.txt

Note: View and checkout the logfile.txt contents to understand how the system is interacting with the user and also to test for the cases already done.