**PROPOSED PRJECTS**

**Water snake equations**

I will use snake to take data of **time period vs pressure** keeping the data of friction and other liquid constants same. Later I will try to map its trajectory and say make problems like when does the snake get straight and explain all its motion.



**Mathematics**

1. Bessel function
2. Fourier transform
3. Laplace transform
4. Numerical analysis

**Water tub problem**

Use of sound processing analyse that if there is a bucket or not and to turn the tap OFF after the bucket is full. Signals from microphones at all taps will be fed to a single MCU or processor that will process all signals and prevent water leakage.

**Library Book finder**

**OS development**

**Linux**

**Networks – protocols, LAN talking software for mobiles**

1. **Tcp/ip over laser**
2. **ccna**

**Laser emulated based game**

1. **Mobile based solution**
2. **Use ssh for matlab access**