1. **OBJECTIVES:**

   i. To improve farmer irrigation economy & Indian agriculture economy.
   
   ii. To design & implement GSM wireless automation system for irrigation.
   
   iii. To study & implement GSM fundamentals.
   
   iv. To study & implement programming of PIC microcontroller.
   
   v. To make system cost effective.
   
   vi. To provide various intelligent protections for enhancement of automation.
   
   vii. To provide a manual control also under faulty condition of control section.
   
   viii. To provide secure automation system by making registration of selected cell phone numbers with the proposed system.