**Features of GPS Module V-1.0**

The features of current GPS module of version 1.0 are listed below according to the PCB designed as well as on the basic conceptualization of enclosure –

* This version of GPS module comprised wih 4G bandwidth.
* Module has power indicator LED on top surface and power button. Long press of power button to turn on and off the module makes it safer from accidental or by chance single press actuation.
* The module comprised of 5000mAh rechargable battery that can run the module upto 25 hours on single charge and a type-C port for charging.
* Module has a dedicated low battery indicator LED for battery running below 20% and the module will automatically shut down in case battery goes below 8%.
* The module has two decicated indicator LED on top surface; one for network indicator which remains steady ON as long as the network is available and second is Tx/Rx indicator which changes its blinking frequency at the time of data transmit or receive.
* Module comprised of a strong magnet inside the enclosure which ensures firm attachment with any metal as well as it has the feature of generating notification at the time of attachment & deattachment from metal in the user interface as well as keep the data logged.
* The module has a status indicator LED on top surface which has four stages depending upon blinking frequency; Initialization state, health OK state, GPS network down state and GSM/GPRS network down state. User can easily understand about the current status of the module from the blinking frequency of the status LED.
* Module has a RESET button. For any extreme condition user can easily reset the device.
* This version of the module ensures 6-8 meters accuracy in X-Y direction and 3 meters accuracy in Z direction.