Shield required supply between 6.5V to 30V.(but VIN pin of shield i.e. + pin is directly connected to VIN pin of Arduino) i.e. If you are using GSM shield with Arduino Uno or mega then use supply 6.5V to 12V otherwise at Higher voltage Arduino regulator will burn. Also do not use simultaneous Arduino 12V input and shield 6.5V to 30V supply.

6.5V to 30V Individual shield

6.5V to 12V with Arduino

Jumpers: There are Two Rx and TX jumpers On board. If both jumpers are connected i.e. RX and TX of shield are connected with TX (Arduino D2 pin) and RX (Arduino D3 pin) respectively. Use software serial library of Arduino.

Jumpers are connected:

RX of Shield 🡪 TX of Arduino (D2)

TX of Shield 🡪 RX of Arduino (D3)

Power pin of Shield 🡪 D7 of Arduino.

**For Arduino Mega:**

After fixing shield on mega, remove two jumpers from shield. There is 3 pin male header below the jumper - named as RX, TX and -.These pins are RX and TX pins of GSM chip. By connecting jumper wire on those pins we can communicate with GSM shield by using any other controller.

For Arduino Mega connect RX pin from shield to D2 pin of Mega and TX pin from shield to D10 of Mega. Change following line in sample code

SoftwareSerial mySerial(10, 2);