->Set the connections for AT command Mode:

- Baud Rate to communicate with the Bluetooth during AT command mode is 38400/9600.
- Serial monitor mode= Both NL and CR
- UNO – SoftwareSerial mySerial(10,11) //Rx,Tx
    - Vcc ->Vcc
    - Gnd ->Gnd
    - Rx -> 11
    - Tx -> 10
    - Wakeup -> 13(HIGH)
- MEGA – Serial1
    - Vcc ->Vcc
    - Gnd ->Gnd
    - Rx -> Tx1
    - Tx -> Rx1
    - Wakeup -> 13(HIGH)

+ADDR:13:12:115611

AT COMMANDS:

Command	Operation
AT	Tells connection is OK or not
AT+NAME	Device Name
AT+ROLE	Role=0(Slave) Role=1(Master)
AT+UART	Communication UART values (9600,0,0) [baud rate set to 38400,0,0]
AT+BIND	Address of device to bind with if found
AT+CMODE	Cmode=1 to set BIND address
AT+PSWD	To view/change the pairing key
	To set new values simply command followed by '=' and the new value(s)

Note: With CMODE=1, the master can connect to any device in its transmission range, so it is a much less secure configuration.

Configure SLAVE:

AT

-OK

Address->

Device Name	Marking	Address	Role	UART	CMODE	BIND Address					
HC-05	IM	3014:10:270574	1	38400,0,0	1	3014:10:270810					
HC-05	IS	3014:10:270810	0	38400,0,0	1	-					

HC-05	IIM	3014:10:270076	1	38400,0,0	1	3014:10:271010					
HC-05	IIS	3014:10:271010	0	38400,0,0	1	-					

2014:15:101700

SLAVE Mode Configuration:

```
AT+ADDR?
+ADDR:11:3:252002
OK
AT+UART?
+UART:9600,0,0
OK
AT+ROLE?
+ROLE:0
OK
```

MASTER Mode Configuration:

```
AT+UART?
+UART:115200,0,0
OK
AT+UART=9600,0,0
OK
AT+UART?
+UART:9600,0,0
OK
AT+ROLE?
+ROLE:0
OK
AT+ROLE=1
+ROLE:1
OK
AT+ROLE?
+ROLE:1
OK
```

Establish Connections set MASTER

```
AT+CMODE?
+CMOD:0
OK
AT+BIND=11,3,252002
OK
AT+BIND?
+BIND:11:3:252002
OK
```

BAUD RATE: 9600

CMOD = 0 (SO VISIBLE TO ALL THE DEVICES)

ROLE = 0