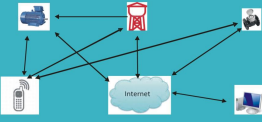
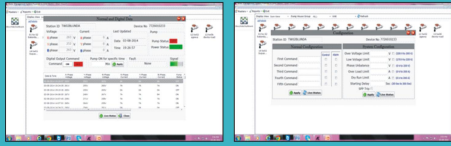


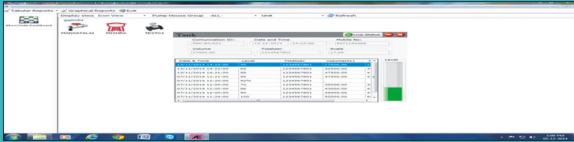
**SUPERVISORY CONTROL AND DATA ACQUISITION**



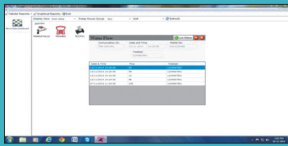
**PC BASED SOFTWARE FOR PUMP CONTROLLING AND DATA ACQUISITION**



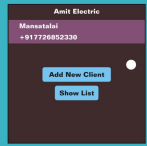
**PC BASED SOFTWARE FOR TANK LEVEL DATA ACQUISITION**



**PC BASED SOFTWARE FOR FLOW DATA ACQUISITION**



**ANDROID BASED APPLICATIONS**

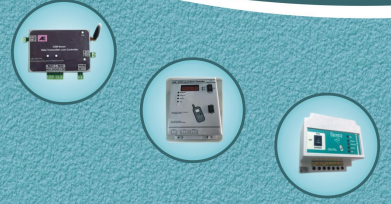


**OUR OTHER PRODUCT**

1. GSM based/without GSM streetlight controller.
2. APFC Panel.
3. VFD controller.
4. Control panel.
5. Centrifugal controller [with pressure and flow.]
6. Micro controller based star delta system with disply & protection.
7. Micro controller based over/under load controller.
8. CT coil with secondary 1,5A in abs enclosure.
9. SMPS.
10. Digital meters.

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# AMIT ELECTRIC



**DEAL IN**

**MANUFACTURE & SUPPLY AUTOMATION  
 GOVERNMENT CONTRACT**



**About Us :** We are established since 2000 and engage in private sector and P.H.E.D Rajasthan. Now we are working Power factor controlling in Ajmer, Jodhpur, Baran, Kota, Jhalawar, Jaisalmer, Nagour, Pali & Bharatpur circle of P.H.E.D. And O & M work at Ajmer and Falna division of P.H.E.D. We are also working in automation in Sojat and Falna division of P.H.E.D.

**GSM BASED DATA TRANSMITTER/MODEM**



**(MODEL : AE-GDT-1)**

**Specifications :** The AE-GDT is a cellular modem that operates over the GPRS/GSM network. It supports both the GPRS packet-switched and the GSM circuit switched data services. Can be used for the varying applications like Periodical/on demand message, data acquisition and controlling, data logging on android app/PC software/web.

S.NO.	FEATURES	AE-GDT-1	AE-GDT-2	AE-GDT-3
1	Relay output with no/nc	2	2	x
2	Relay Indicator	2	2	x
3	Signal LED	1	1	1
4	Rs 485	1	1	x
5	Pulse input	1	1	1
6	4-20mA input	x	4	4
7	Operating voltage	12vdc	12vdc	12vdc
8	Antenna	wired	wired	wired
9	Sleep mode	x	x	yes
10	Plastic enclosure	yes	yes	yes
11	Size in mm	115*80	115*80	115*80
12	Operating temperature	-20°C to + 55°C	-20°C to + 55°C	-20°C to + 55°C
13	Real time clock	yes	yes	yes

**MOBILE OPERATED SMART PUMP UNIT**

**(MODEL: AE-GPC2)**

**1. Introduction :** In our GSM/GPRS based product line, the GSM/GPRS Controllers are specifically designed to operate remote located submersible pumps or electric motors used in farms and industries. This has benefits for farmers, agriculture people and industry.

The pump controller system is designed to operate the remote located motors and pumps via user mobile phones by simple SMS commands or android/pc software. This is very robust in design and offers best features and functionality in affordable price. It is equipped with necessary protections, long battery life time, best connectivity with GSM network via antenna and flexible installation.

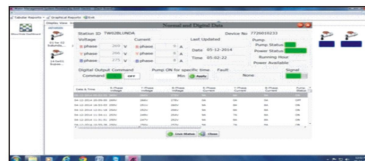
**2. Operation :** The operation of the device is simple to facilitate the users. After installation, the user has to first configure the mobile numbers from which the user want to control the gsm controller. The controller facilitate up to 3 mobile numbers. Then sending simple On or Off command will operate the gsm controller system accordingly. The controller is only operated by the user mobile number.



**FUNCTIONS**

- ON/OFF by missed call/android app/pc software.
- Power fail/recover message.
- Pump run hour on SMS.
- Line voltage & load current on SMS.
- Password protection.
- Over load protection.
- Under load protection.
- Single phase preventing.
- Unbalance balance voltage protection.
- Under voltage protection.
- Over voltage protection.
- Reverse phasing preventing.
- Data logging on android app /pc software/web.
- 3 mobile nos. can operate pump (programmable).
- LED indication for pump on/ power on/delay/power healthy and power fault.

**PC AND ANDROID SOFTWARE**



**Advantage :**

1. Saving man power
2. Energy saving due to Dry run protection.
3. Immediate intimation of power status.
4. Pump motor protection.
5. Supervisory controlling.

ON	OFF	STATUS	MANSATALAI
Amit Electric ID	Pump Status	Date/Time	
MANSATALAI	2014/12/04	5:49 PM	
MANSATALAI	2014/12/04	5:40 PM	
MANSATALAI	2014/12/04	4:7 PM	
MANSATALAI	2014/12/04	4:6 PM	
MANSATALAI	2014/12/04	3:5 PM	
MANSATALAI	2014/12/04	3:1 PM	
MANSATALAI	2014/12/04	1:11 PM	
MANSATALAI	2014/12/04	11:55 AM	
MANSATALAI	2014/12/04	3:47 AM	
MANSATALAI	2014/12/01	2:57 PM	
MANSATALAI	2014/12/01	2:56 PM	

**MOBILE OPERATED SMART PUMP UNIT**

**FUNCTIONS :**

- ON/OFF by missed call.
- Power fail/recover message.
- Pump run hour on SMS.
- Password protection.
- Single phase preventing.
- Reverse phasing preventing.
- Also available for single phase pump.
- LED indication for pump on/ power on/delay/power healthy and power fault.
- 3 mobile nos. can operate pump (programmable).



**MOTOR PROTECTION RELAY**

**PROTECTIONS :**

1. Overload current.
2. Under current (dry run).
3. Single phase preventing.
4. Reverse phasing.
5. Over voltage.
6. Under voltage.
7. Unbalance balance voltage CT coil programmable overload & underload programmable.
8. Led indicator for on / over and under load current/3ph ok.

