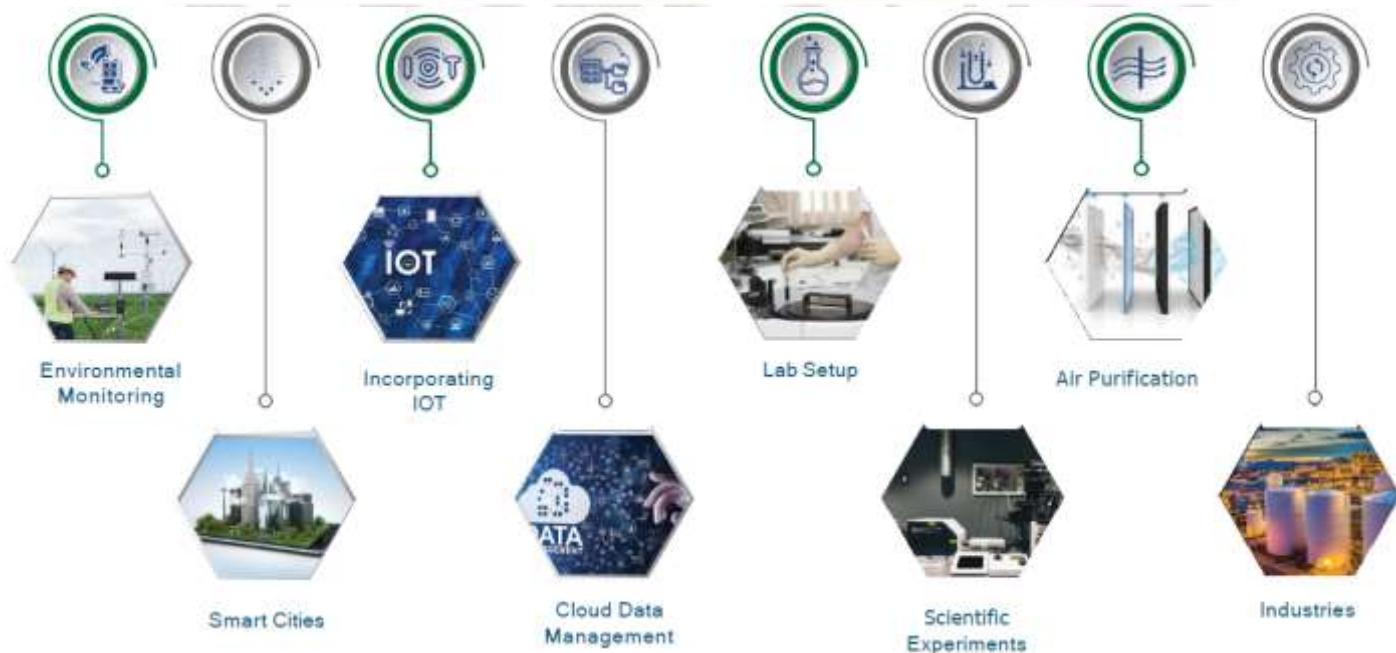


AN ISO 9001:2015 CERTIFIED COMPANY
MANUFACTURER ENVIRONMENTAL SOLUTIONS



Applications



INDUSTRIES WE SERVED



SUGAR
INDUSTRIES

PAPER & PULP
INDUSTRIES

CEMENT
INDUSTRIES

CHEMICAL
INDUSTRIES

STEEL
INDUSTRIES

OIL & GAS
INDUSTRIES

TEXTILE
INDUSTRIES

TYRE
MANUFACTURING

PHARMACEUTICALS

TILE
INDUSTRIES

WATER
TREATMENT
PLANT

EFFLUENT
TREATMENT
PLANT

FOOD
INDUSTRY

ABOUT US:

SA ELECTRONICS is a Leading Manufacturer and Developer of Industrial Products at **Pune (Maharashtra, India)**, consists of engineers and developer with up to **17 years** of experience in the industry.

SA ELECTRONICS Established in the year **2022** are a widely recognized and renowned manufacturer, wholesaler and supplier of Automation and Instrumentation Products such as **Electromagnetic Flow Meter, Online Effluent Quality Monitoring System (COD BOD TSS PH), Online Stack Monitoring System, Online PH Meter, Conductivity Meter, TDS Meter, Galvanic-Maintenance Free DO2 Electrode, pH Electrode, Conductivity/TDS Electrode, Dissolved Oxygen Meter, Dissolved Oxygen Meter (Portable), Laboratory pH, Conductivity, TDS, Dissolved Oxygen, Multiparameter Measurements Instruments, Turbidity Meter, Magnetic Stirrer, Spectrophotometer, Moisture Analyser, Cellular and Ethernet Based IOT gateway, GSM GPRS IOT Modules, industrial Wireless Gateway, Wireless Automation , IOT Based Cloud Server etc..**

Using the latest technology, these products are highly essential for various automation and instrumentation operations and processes and are widely used by our clients. Our state-of-the-art manufacturing facility is equipped with the latest machines and equipment and thus, we are able to provide our clients with a range of advanced and durable products that address their automation and instrumentation product requirements and specifications with performance assurance. Our team of highly proficient technicians and innovative designers, with their combined efforts create the most widely demanded industrial products. Moreover, our rigid quality procedures and processes ensure a high quality in all our operations. All these factors have contributed to our success in both domestic and international markets in the Indian Subcontinent, East Asia, Middle East and South East Asia. Also, in our range of products,

Management System in accordance with the latest International Standard ISO 9001:2015"

Our Mission

To make a better world with better beings, perpetuate the balance between them. Make the planet Earth an incredible one, worth being stared in wonder from the other galaxies.

OUR SERVICES

- ◆ TUBEWELL AUTOMATION SYSTEM
- ◆ GSM/RF BASED PUMP MONITORING SYSTEM
- ◆ SMART WATER MONITORING SYSTEM
- ◆ CLORINATION PLANT AUTOMATION
- ◆ ENERGY MONITORING SYSTEM
- ◆ INDUSTRIAL AUTOMATION SOLUTION
- ◆ WTP & STP AUTOMATION

OUR DEVELOPMENT TEAM EXPERT IN

- HARDWARE : PCB DESIGNING, EMBEDDED DEVELOPMENT
- SERVER : APACHE, TOMCAT
- LANGUAGES : EMBEDDED C, JAVA, PHP, . NET, ANDROID & IOS App.
- DATABASES : MYSQL, MS SQL etc.

Client Satisfaction:

Being a Professional organization, we focus our energies and competencies towards satisfying our clients with the most advanced **Automation, Instrumentation** and **Cellular and Ethernet Based IOT gateway** Products that are fabricated as per the requirements and needs of the clients and match the specifications of their operations and processes. Moreover, our quality assurance policy ensures that all the products conform to the highest standards of performance and durability to provide ultimate satisfaction to our clients across both domestic and international markets.

OUR STRENGTH

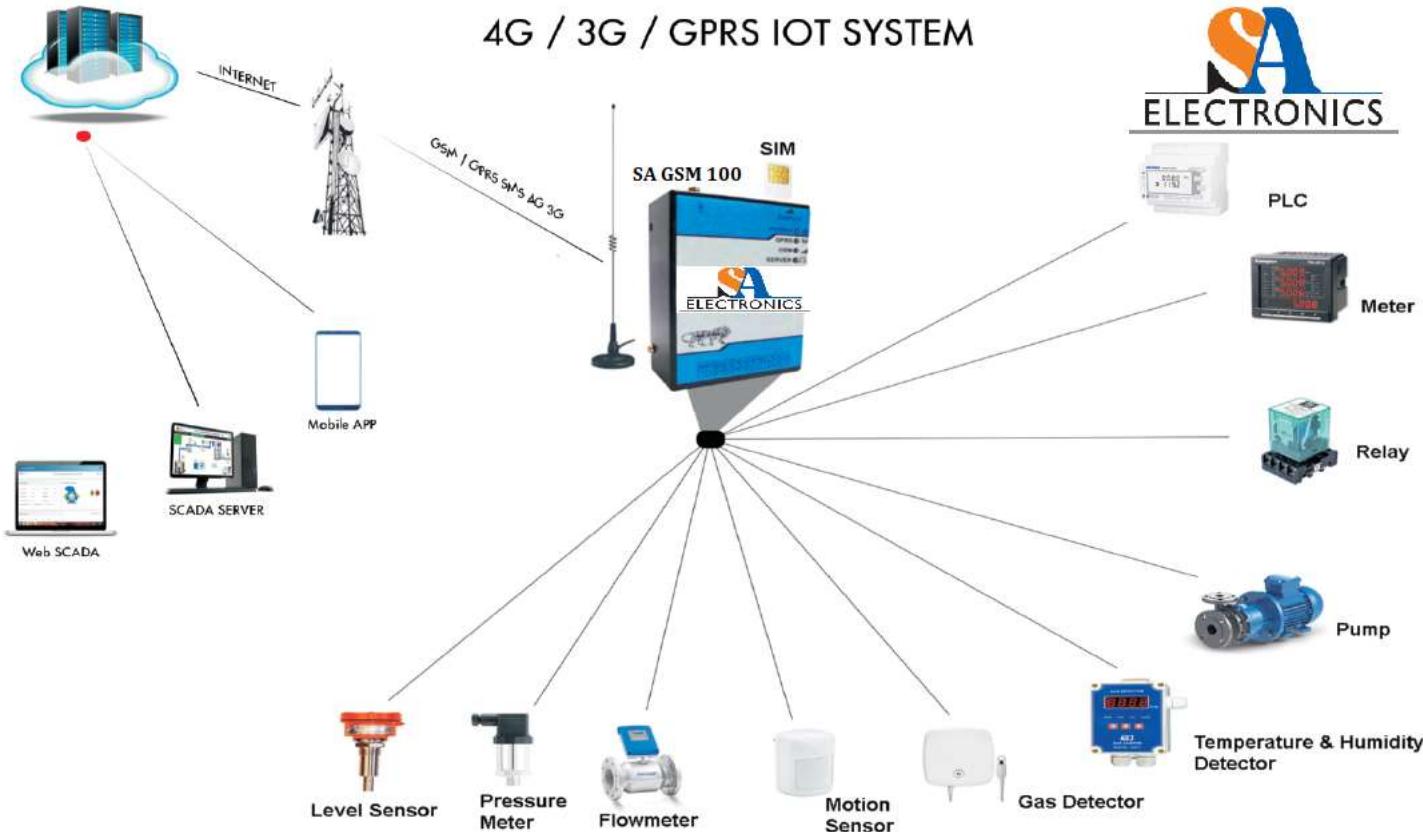
- ❖ Local Manufacturing facility for Indian market
- ❖ consists of engineers and developer with up to **17 years** of experience in the industry
- ❖ Potential for global customer base
- ❖ Manufacturing & production expertise
- ❖ Software development expertise
- ❖ Understanding of emerging technologies
- ❖ Understanding of target markets
- ❖ Competitive product pricing
- ❖ Exceptional quality and customer service
- ❖ Implementation of cost saving process



OUR PRODUCTS RANGE:

- EQMS (Effluent Quality Monitoring System)
- Electromagnetic Flow Meter
- pH Indicator/ Transmitter/ Controller
- Conductivity / TDS Indicator / Transmitter
- Dissolved Oxygen Meter
- pH, Conductivity, TDS, DO Sensor
- Multi range Conductivity/ TDS Meter
- Laboratory Instruments
- Thermal Mass Flow Meter
- Level Measurements
- Cellular IoT Gateway
- Cellular M2M RTU
- RF Gateway
- Remote IO Modules
- IoT Cloud Platform including web based Scada
- PLC, SCADA, HMI & BMS Automation Service
- RTU Panel
- 4G LTE Router
- Gas Monitoring / Detecting
- Stack Monitoring
- Turbine type Flow Meter

IOT Solutions



WIRELESS AUTOMATION WITH SCADA & PLC



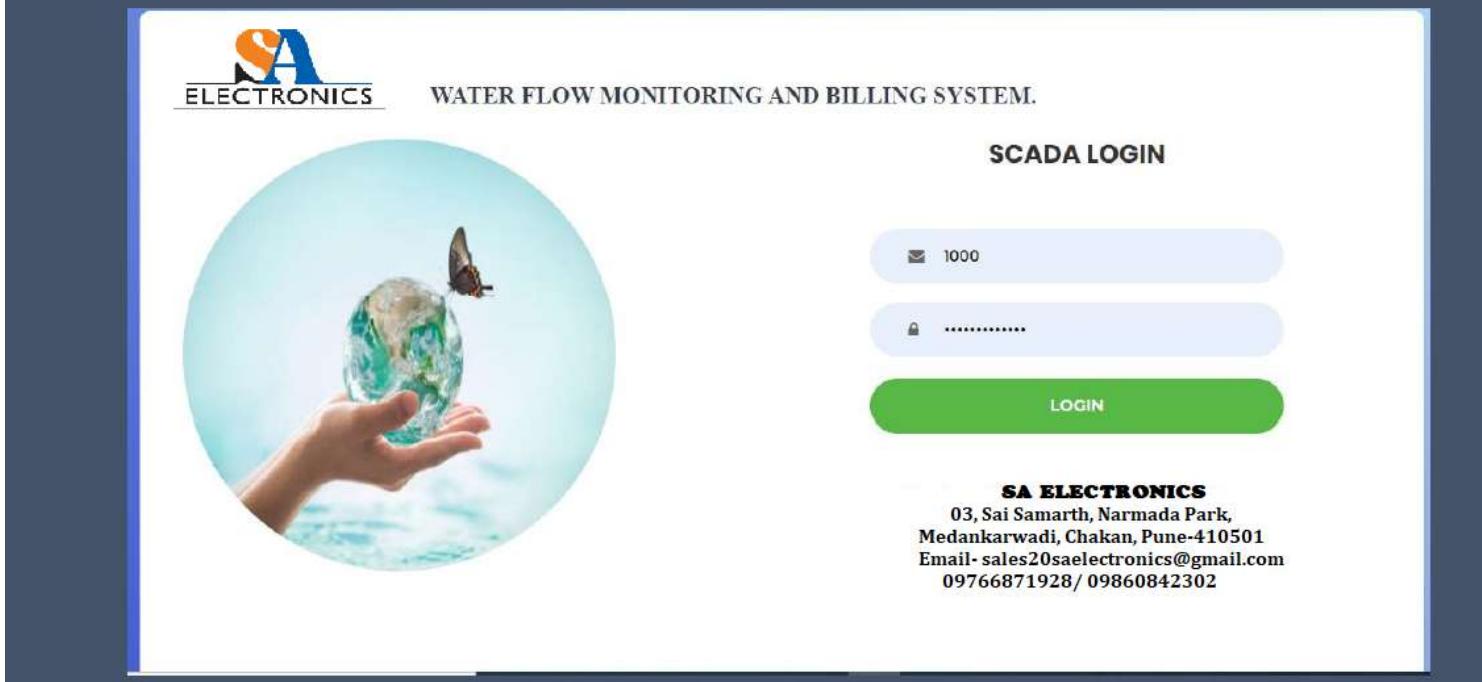
The left screenshot shows a "PUMP SCADA" interface with a pump control panel and a flow diagram. The right screenshot shows a "Real Time Smart Water Monitoring System" interface with a detailed piping network diagram and various monitoring parameters.

IoT BASED AUTOMATION WITH CLOUD SERVER



The left screenshot shows a "Water Supply Management System - Pithamur" with a detailed piping diagram. The middle screenshot shows a complex industrial control system for "GAMMON INDIA LTD. CHAKRI STATION". The right screenshot shows a "Cloud Based Web Based SCADA" interface with real-time monitoring and control panels.

WATER FLOW MONITORING AND BILLING SYSTEM for GIDC(Gujrat industrial Development Corporation)



The page features the SA ELECTRONICS logo at the top left. In the center, there is a large circular image of a hand holding a small globe with a butterfly on it. To the right of the image, the text "WATER FLOW MONITORING AND BILLING SYSTEM." is displayed above a "SCADA LOGIN" section. The login section includes fields for "Email" (containing "1000") and "Password" (containing "....."), and a green "LOGIN" button. At the bottom right, there is contact information for "SA ELECTRONICS": "03, Sai Samarth, Narmada Park, Medankarwadi, Chakan, Pune-410501 Email- sales20saelectronics@gmail.com 09766871928 / 09860842302".

WATER FLOW MONITORING AND BILLING SYSTEM for GIDC(Gujrat industrial Development Corporation)



Gujarat Industrial Development Corporation

A Government of Gujarat Undertaking

GIDC

Home ▾ Dashboard ▾ Report ▾ Setting ▾ Logout ↗

Device Details : Meghmani Unichem Lip (INLET FM)

Live Data

Date Stamp	2021-12-14 16:26:30	Network	
Instantaneous Flow	10.700 m³/h	Monthly Totalizer	6082.100 m³
Today's Discharge	173.010 m³	Today's Billing	2535.150...
Battery Voltage	12.48 V	Power Status	

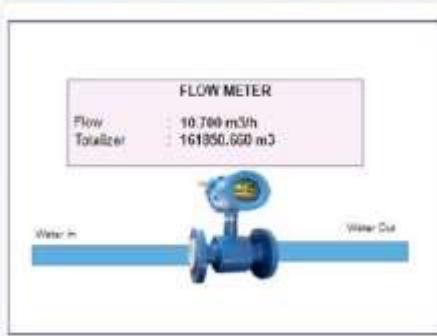
Connection Given Quantity : 1000.00

99.21% Current

Plant Information:

Company Name	Meghmani Unichem Lip	Plot No.	Z-34
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Flow Motor Status :



Real time SCADA monitoring of Pune city Water Supply system



Pune Municipal Corporation



LARSEN & TOUBROLIMITED

 Login ID

 Password

LOGIN

Real time SCADA monitoring of Pune city Water Supply system

PUNE MUNICIPAL CORPORATION WATER MONITORING SYSTEM

Dashboard Report Logout

IoT Modem Monitoring System

Active : 27 | In-Active : 7

Company: ALL

Package 1								
S.No	UID	IMEI Number	Location Name	Zone Code	Status	Data Stamp	Network	Action
1.	902	MCOMLT059	PARVATI MLR (PVT MLR)	L&T	In-Active	2021-08-04 15:16:19		
2.	903	868618059462184	Parvati WTP old 1 (PVT WTP O 1)	L&T	Active	2021-10-02 16:41:41		
3.	904	868618059458836	Parvati WTP old 2 (PVT WTP O 2)	L&T	Active	2021-10-02 16:41:21		
4.	931	868618059462218	Gotiram Bhaiya Chowk (Gotiram Bhaiya Chowk)	L&T	Active	2021-10-02 16:40:06		
5.	932	868618059373936	PMC Office (PMC)	L&T	In-Active	2021-09-11 18:34:33		
6.	933	868618059461905	Nava Vishnu Chowk (New_Vishnu)	L&T	Active	2021-10-02 16:40:30		

Package 2								
S.No	UID	IMEI Number	Location Name	Zone Code	Status	Data Stamp	Network	Action
1.	905	MCOMLT001	Ganesh Nagar Bopkhel DMA (Gan B DMA)	L&T	Active	2021-10-02 16:42:03		
2.	909	868626044453580	Thakarsi ESR Water Tank (THK ESR)	L&T	Active	2021-10-02 16:41:20		

Real time SCADA monitoring of Pune city Water Supply system

PUNE MUNICIPAL CORPORATION WATER MONITORING SYSTEM

Dashboard Report Logout

IoT Modem Monitoring System

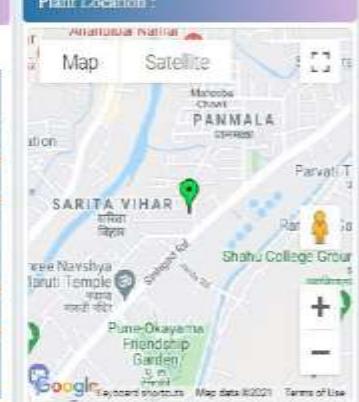
Company Name : Package 1 Location Name : Parvati WTP old 1 (PVT WTP O 1)

Live Data :

Last Data Stamp : 2021-10-02 16:42:37 Network:

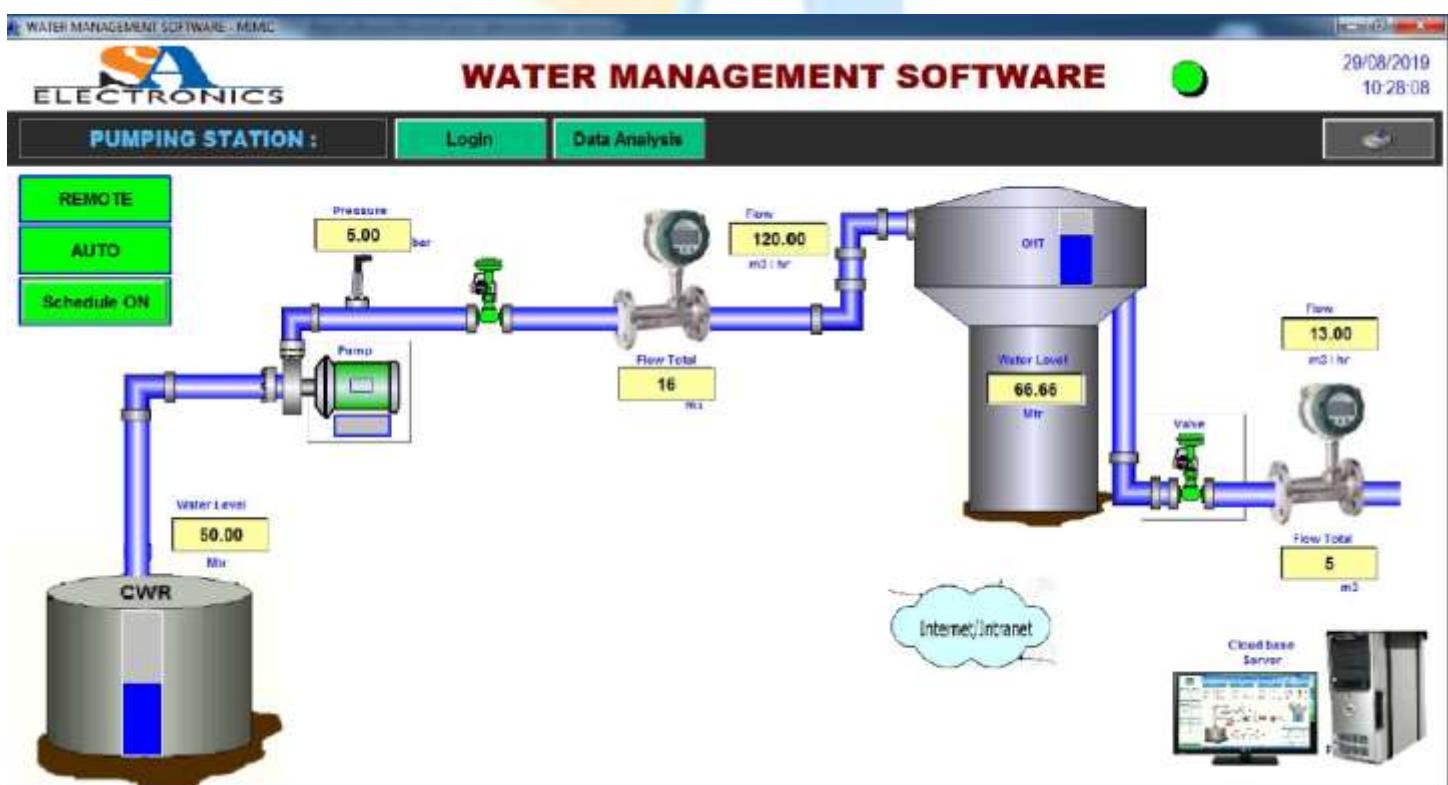
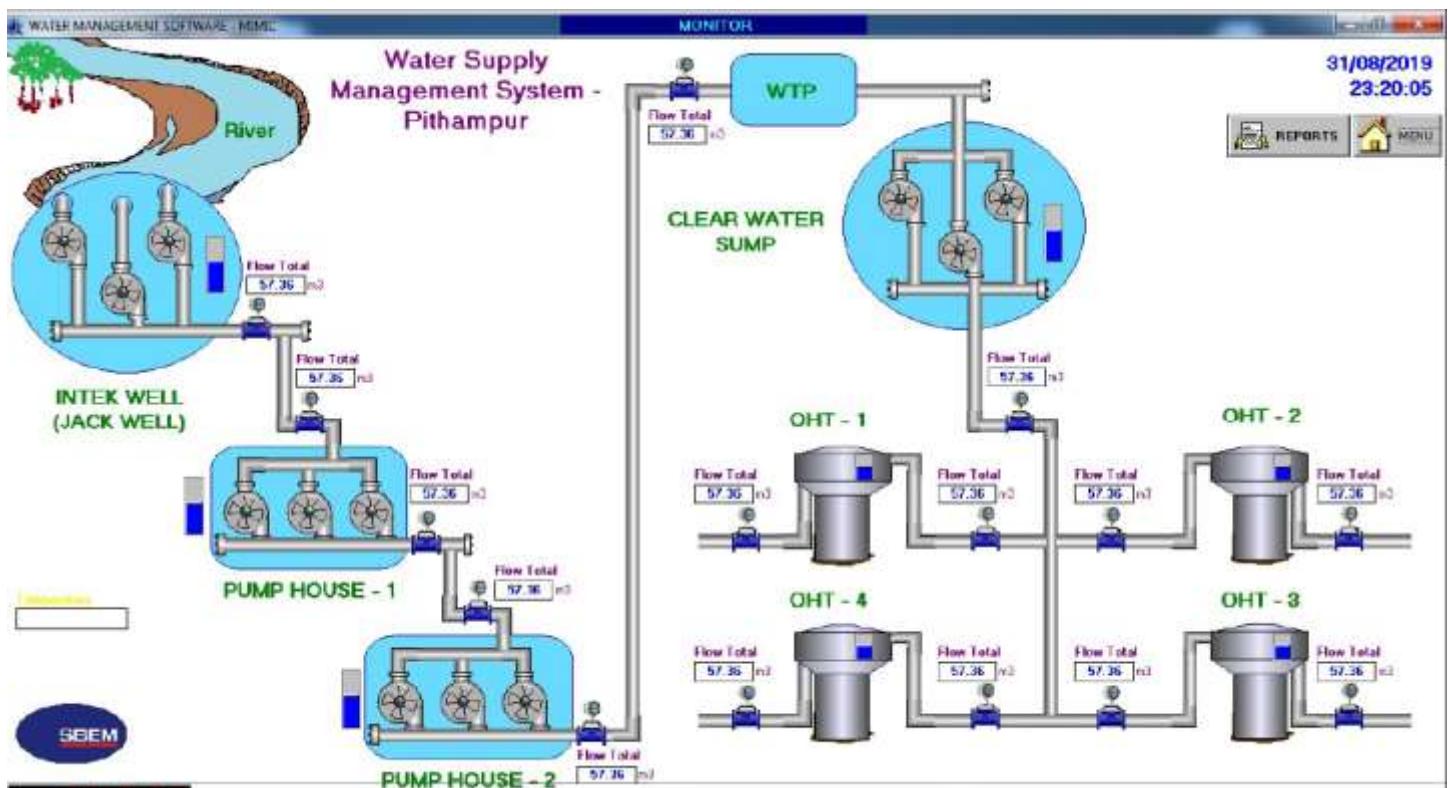
S.No	Parameter	Live Value	Unit	Range
1.	Voltage	23.938	V	0~30
2.	Flow HLR	2993.966	m ³ /h	0~10000
3.	Total HLR	20800.640	ml	0~99999999
	Day Start Consumption	10800.640	ml	—
	Consumption	0.000	ml	—
4.	Flow MLR	2290.847	m ³ /h	0~10000
5.	Total MLR	105991.760	ml	0~99999999
	Day Start	105932.512	ml	—

Plant Location :



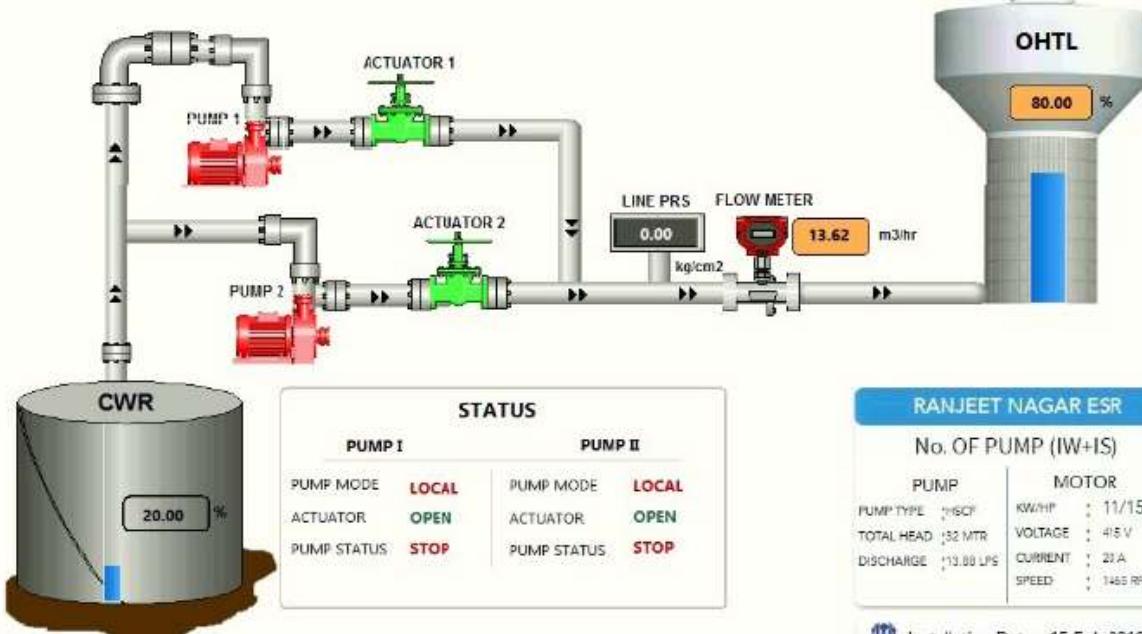
Device Details :

Command :



WELCOME:
RANJEET NAGAR PUMP HOUSE

INCOMER-1		PUMP-1		PUMP-2		INCOMER-2	
RY Voltage	426.70 V	RY Voltage	426.00 V	RY Voltage	427.30 V	RY Voltage	0.00 V
YB Voltage	428.40 V	YB Voltage	428.40 V	YB Voltage	430.40 V	YB Voltage	0.00 V
BR Voltage	425.80 V	BR Voltage	425.80 V	BR Voltage	427.60 V	BR Voltage	0.00 V
R Current	0.00 A	R Current	0.00 A	R Current	0.00 A	R Current	0.00 A
Y Current	0.30 A	Y Current	0.30 A	Y Current	0.20 A	Y Current	0.00 A
B Current	0.20 A	B Current	0.00 A	B Current	0.20 A	B Current	0.00 A
PF	-1.00	PF	1.00	PF	0.88	PF	0.00
Frequency	50.00 Hz	Frequency	50.00 Hz	Frequency	49.96 Hz	Frequency	0.00 Hz
KWH	2522.00 KWH	KWH	3669.00 KWH	KWH	1918.00 KWH	KWH	0.00 KWH



STATUS	
PUMP I	PUMP II
PUMP MODE : LOCAL	PUMP MODE : LOCAL
ACTUATOR : OPEN	ACTUATOR : OPEN
PUMP STATUS : STOP	PUMP STATUS : STOP

RANJEET NAGAR ESR	
No. OF PUMP (IW+IS)	
PUMP	MOTOR
PUMP TYPE : 1/2HP	KW/H.P. : 11/15
TOTAL HEAD : 32 MTR	VOLTAGE : 45V
DISCHARGE : 13.00 LPS	CURRENT : 21A
	SPEED : 1455 RPM

 Installation Date : 15 Feb 2019



03, Sai Samarth, Narmada Park, Medankarwadi,
Chakan, Pune-410501 Maharashtra India, PH. 9766871928
 Email: info@saelectronicsindia.com, sales@saelectronicsindia.com
 Web: www.saelectronicsindia.com
 GSTIN: 27CNIPD0563J2ZZ