Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, **District**: Solapur (Maharashtra)
Tel.: (02186) 216063, 9503103757, **Toll Free No.:** 1800-3000-4131 **e-mail.:** coe@sveri.ac.in
Website.: www.sveri.ac.in (Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
NBA Accredited all eligible UG Programmes, **NAAC** Accreditated Institute,ISO 9001:2015 Certified Institute.
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune.

Ref.:- Date:- 06/07/2021

Criteria 7.1.4	Water conservation facilities available in the Institution: 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus
Findings of DVV	1) Provide bills for the purchase of equipments for the facilities created under this metric 2) Provide any other relevant evidences for the selected options 3) Provide Green audit reports on water conservation by recognized bodies
Responses of HEI	1) Bills/Invoice for the purchase of equipments for the facilities are attached as **Appendix-I** 2) Geo-tagged photographs and document on maintenance of water bodies and distribution system are attached as **Appendix-II** 3) Highlighted portion of Green audit reports on water conservation by recognized body is attached as **Appendix-III**

Coordinator
Internal Quality Assurance Cell (IQAC)
SVERI'S College of Engineering,
Pandharpur

COLLEGE OF ENGINEERING PANDHARPUR

PRINCIPAL,
College of Engineering,
PANDHARPUR.

Appendix-I

7.1.4

Bills/Invoice for the purchase of equipments for the Waste Water management System

Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B.No. 54, Gopalpur - Hanapni Road, Gopalpur, Pandharpur - 413 304, Dist. Solapur (Maharashtra) Tel.: 7755600201.
Tel Free No.: 1800-3000-4101, E-mail: coe@sveri.ac.in, Website: www.sveri.ac.in (Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
Accredited by The Indian Institution of Engineers (India), Kolkata and TCS, Pune. ISO 9001:2008 Certified Institute

Ref.:- No. COEPR/2015-16/1485

Date:- 10/12/2015

To,
Green Scientific Development (I) Pvt. Ltd.,
A/4, Building No. 23, Subhash Nagar,
Chembur, Mumbai-400071.

Sub.:- Purchase Order for 300 CMD STP.

Ref.:- Your quotation no. GSDIPL/SVERI COE/STP/2015-01 dated 05/06/2015 and further negotiation.

Dear Sir,

With above reference, we are pleased to place the order for purchase of 300 CMD STP required for our institute as per the details given in ANNEXURE – I enclosed herewith.

The order is subject to following terms and conditions:

1) Inclusive : Electromechanical work, interconnecting piping, erection, commissioning and training, loading and packaging.
2) Exclusion: All Civil work, electrical and accessories, energy meter and unloading.
3) Taxes : Extra ST – 14.5% on Item No. 3, VAT-12.5% / 5 % for Item No. 1 & 2 as applicable (Govt. Rules).
4) Transportation : Extra actual will be paid by our institute.
5) Acceptance of material is subject to prior inspection and approval from our side.
6) Delivery: Within 45 working days from confirm PO.
7) Payment: a) 80% of the total amount (max)/ Individual Items will be paid against receipt of each separate material.
   b) 10% after erection.
   c) 10% after commissioning.
8) Warrantee: Comprehensive onsite warrantee of 12 months on all parts from the date of satisfactory demonstration (Tear / Wear, Windings, etc. not inclusive).
9) Training : You will train to our manpower for 15 days.
10) Commissioning : One Month with bacteria.

Thank you,

Yours faithfully,

Received with thanks and Accepted.

Annexure-I

1. Electromechanical Work (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications		Unit	Amount in Rs.
1.	Bar Screen	Type	With Graded holes	2 No.	30,000/-
		MOC	MS Epoxy/PP		
2.	Equalization Tank Air Grid	Type	Grid Type	1 No.	65,000/-
		MOC	HDPE		
3.	Sewage Transfer Pumps	Capacity	15 m³/hr	2 No.	65,000/-
		Type	Centrifugal		
		HP	5 HP		
		Make	Kirloskar		
4.	SBR Air Grid	Type	Grid Type	2 No.	1,25,000/-
		MOC	HDPE with EPDM Defuser		
5.	Air Blower	HP	15 HP	2 No.	3,00,000/-
		MOC	CI		
		Make	Crompton		
6.	Filter Feed Pump	Capacity	15 m³/hr	2 No.	55,000/-
		Type	Centrifugal		
		HP	3 HP		
		Make	Kirloskar		
7.	Pressure Sand Filter	Capacity	For Treating 300 CMD	1 No.	1,95,000/-
		Filter Media	1, 2 nos. of gravel		
8.	Activated Carbon Filter	Capacity	For Treating 300 CMD	1 No.	2,25,000/-
		Filter Media	Activated Carbon + Gravels + Pebbles		
9.	Flow Meter	Capacity	0 to 20 cum/hr Digital Std. Make	1 No.	85,000/-
10.	Decant System for SBR	Type	Movable	2 No.	1,35,000/-
		MOC	HDPE/Plastic		
				Total Item No. 1 :-	12,80,000/-
				Add VAT 12.5% on Sr. No. 1, 2, 4, 5, 7, 8, 9 & 10 :-	1,45,000/-
				Add VAT 5% on Sr. No. 3 & 6 :-	6,000/-
				Sub Total Item No. 1 :-	14,31,000/-

SVERI's College of Engineering, Pandharpur

Section Break(Next Page)

2. Interconnecting Piping (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications	Unit	Amount in Rs.
1.	Interconnecting Piping of HDPE	a) Bar Screen to Equalization Tank b) Equalization Tank to Sewage Transfer Pump c) Sewage Transfer Pump to SBR Tank d) SBR tank to intermediate tank. e) Intermediate Tank to Filter Feed Pump f) Filter Feed Pump to Pressure Sand Filter g) Pressure Sand Filter to Activated Carbon Filter h) PSF & ACF to Equalization Tank i) SBR to Sludge Decant Tank j) Leachate chamber to Equalization Tank	Lumsum	1,25,000/-
			Total Item No. 2 :-	1,25,000/-
			Add VAT 12.5% :-	15,625/-
			Sub Total Item No. 2 :-	1,40,625/-

3. Erection, Commissioning, consultancy and training (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications	Unit	Amount in Rs.
1.	Erection of Equipment	Will erect the supply material to achieve designing parameters.	No.	45,000/-
2.	Commissioning	Will commission the plant for one month with Bacteria.	No.	1,25,000/-
3.	Consultancy & Training	Will Provide Consultancy for construction, erection & one year onsite comprehensive warranty except tear and wear commissioning phase. Will provide training for 15 days.	No.	75,000/-
			Total Item No. 3 :-	2,45,000/-
			Add Service Tax 14.5% :-	35,525/-
			Sub Total Item No. 3 :-	2,80,525/-

Grand Total Item Nos. 1 + 2 + 3 :-	18,52,150/-

SVERI's College of Engineering, Pandharpur

Comparative Statement for 300 CMD SBR Sewage Treatment Plant

1. Electromechanical Work (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications		Unit	Party No. 1 Green Scientific Development, Mumbai	Party No. 2 Fibre Tech., Thane	Party No. 3 S.S.Eco Enviro., Navi Mumbai	Party No. 4 Ecosys Total Environmental Solution, Pune
					Amount in Rs.			
1.	Bar Screen	Type	With Graded holes	2 No.	30,000/-	40,000/-	47,000/-	Specifications are not as per our requirement
		MOC	MS Epoxy/PP					
2.	Equalization Tank Air Grid	Type	Grid Type	1 No.	65,000/-	80,000/-	80,000/-	
		MOC	HDPE					
3.	Sewage Transfer Pumps	Capacity	15 m³/hr	2 No.	65,000/-	75,000/-	80,000/-	
		Type	Centrifugal					
		HP	5 HP					
		Make	Kirloskar					
4.	SBR Air Grid	Type	Grid Type	2 No.	1,25,000/-	1,50,000/-	1,50,000/-	
		MOC	HDPE/EPDM					
5.	Air Blower	HP	15 HP	2 No.	3,00,000/-	3,40,000/-	3,50,000/-	
		MOC	CI					
		Make	Crompton					
6.	Filter Feed Pump	Capacity	15 m³/hr	2 No.	55,000/-	65,000/-	70,000/-	
		Type	Centrifugal					
		HP	3 HP					
		Make	Kirloskar					
7.	Pressure Sand Filter	Capacity	For Treating 300 CMD	1 No.	1,95,000/-	2,15,000/-	2,00,000/-	
		Filter Media	1, 2 nos. of gravel					

H.O.D.

(Dr.B.P.Ronge)
PRINCIPAL,
College of Engineering,
Pandharpur

COLLEGE OF ENGINEERING PANDHARPUR

Section Break(Next Page)

Sr. No.	Unit Name	Specifications		Unit	Party No. 1 Green Scientific Development, Mumbai	Party No. 2 Fibre Tech., Thane	Party No. 3 S.S.Eco Enviro., Navi Mumbai	Party No. 4 Ecosys Total Environmental Solution, Pune
					Amount in Rs.			
8.	Activated Carbon Filter	Capacity	For Treating 300 CMD	1 No.	2,25,000/-	2,50,000/-	3,00,000/-	Specifications are not as per our requirement
		Filter Media	Activated Carbon + Gravels + Pebbles					
9.	Flow Meter	Capacity	0 to 20 cum/hr Digital Std. Make	1 No.	85,000/-	90,000/-	95,000/-	
10.	Decant System for SBR	Type	Movable	2 No.	1,35,000/-	1,45,000/-	1,50,000/-	
		MOC	HDPE/Plastic					

2. Interconnecting Piping (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications	Unit	Party No. 1 Green Scientific Development, Mumbai	Party No. 2 Fibre Tech., Thane	Party No. 3 S.S.Eco Enviro., Navi Mumbai	Party No. 4 Ecosys Total Environmental Solution, Pune
				Amount in Rs.			
1.	Interconnecting Piping of HDPE	a) Bar Screen to Equalization Tank b) Equalization Tank to Sewage Transfer Pump c) Sewage Transfer Pump to SBR Tank d) SBR tank to intermediate tank. e) Intermediate Tank to Filter Feed Pump f) Filter Feed Pump to Pressure Sand Filter g) Pressure Sand Filter to Activated Carbon Filter h) PSF & ACF to Equalization Tank i) SBR to Sludge Decant Tank j) Leachate chamber to Equalization Tank	Lumsum	1,25,000/-	1,75,000/-	2,25,000/-	Specifications are not as per our requirement

(Dr. PRINCIPAL
College of Engineering,
PANDHARPUR

COLLEGE OF ENGINEERING PANDHARPUR

3. Erection, Commissioning, consultancy and training (Supplier Scope of Work)

Sr. No.	Unit Name	Specifications	Unit	Party No. 1	Party No. 2	Party No. 3	Party No. 4
				Green Scientific Development, Mumbai	Fibre Tech., Thane	S.S.Eco Enviro., Navi Mumbai	Ecosys Total Environmental Solution, Pune
				Amount in Rs.			
1.	Erection of Equipment	Will erect the supply material to achieve designing parameters.	No.	45,000/-	60,000/-	75,000/-	Specifications are not as per our requirement
2.	Commissioning	Will commission the plant for one month with Bacteria.	No.	1,25,000/-	1,50,000/-	1,75,000/-	
3.	Consultancy & Training	Will Provide Consultancy for construction, erection & one year onsite comprehensive warranty except tear and wear commissioning phase. Will provide training for 15 days.	No.	75,000/-	1,00,000/-	1,25,000/-	

The rates quoted by Party No. 1 Green Scientific Development, Mumbai are lowest. This is put up for your kind information.

Site Incharge

H.O.D Civil

Accountant

COLLEGE OF ENGINEERING PANDHARPUR

(Dr. B. P. Ronge)
PRINCIPAL
Principal
College of Engineering
PANDHARPUR

7.1.4

Bills/Invoice for the purchase of equipments for the Rain water harvesting & Maintenance of water bodies and distribution system in the campus

Shri Vithal Education & Research Institute, Pandharpur
Regd.No.: Maharashtra/5131/94/Solapur[1960(21)]dated 28/12/1994, F-4371Solapur (1950 Mumbai-29)dated 06/03/1995
Gopalpur -Ranjani Road, Gopalpur, P.B. No. 54, Gopalpur, Tal - Pandharpur- 413 304, Dist. Solapur (Maharashtra)
Tel : 9545553888,9545553855, E-Mail : coe@sveri.ac.in, Website : www.sveri.ac.in
SVERI

(C)

Ref .No: SVERI/Store/2019-20/ 52(C)

Date:- 24/09/2019

To,
Rameshchandra D. Kotadiya,
Navi Peth, Main Road,
Pandharpur 413 304.

Sub:- Rate Contract Order for Plumbing Material.

Ref:- 1. Order no. SVERI/Store/2018-2019/47(A) dated 03/08/2018
2. Your letter dated 01/09/2019.

Dear Sir,
With above reference, we are pleased to place the order on Rate Contract basis for the purchase of plumbing materials as per the details given in **Annexure-I**, attached herewith.

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 01/09/2019 to 31/08/2020.
2. You shall have to supply the material as per our requirement, as and when required, during the Contract period as per the rates mentioned in Annexure-I.
3. Acceptance of material is subject to prior inspection and approval from our side.
4. GST at actual.
5. Delivery at our campus.
6. Payment against the delivery.

Thank you,

Yours faithfully,

B.P.Ronge

(Dr. B.P.Ronge)
SECRETARY

TAX-INVOICE(Page 2)

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21] Company's GSTIN/UIN : 27AABFK5263G1ZE	Invoice No. RDK/20-21/0014	Dated 16-Apr-2020
	Delivery Note 21855	Mode/Terms of Payment
	Supplier's Ref. RDK/20-21/0014	Other Reference(s)
Buyer Shri Vithal Education & Research Institute,Gopalpur Gopalpur- Ranjani Road, Post Box No. 54, Gopalpur, Pandharpur- 413 304. Dist. Solapur (Maharashtra) State Name : Maharashtra, Code : 27	Buyer's Order No.	Dated
	Despatch Document No. 21855	Delivery Note Date 2-Apr-2020
	Despatched through	Destination
	Bill of Lading/LR-RR No.	Motor Vehicle No. PARDESHI
	Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Sale Price	Rate	per	Disc. %	Amount
13	**4" Rubber Packing (100mm)** *SER NO -850*	40169350	**4.00 Nos.** *(0.33 Doz.)*		20.00	Nos.		**80.00**
14	**Nut Bolt Kg** *SER NO -632*	7318	**5.10 Kg**		113.00	Kg		**576.30**
15	**110mmx4kg Pvc Pipe** *SER - 557*	3917	**65.00 Nos.** *(390.00 Mtr.)*		788.00	Nos.		**51,220.00**
								63,357.30
	SGST							**5,702.16**
	CGST							**5,702.16**
	Rounding							**0.38**
	Total							**₹ 74,762.00**

Amount Chargeable (in words)

INR Seventy Four Thousand Seven Hundred Sixty Two Only

E. & O.E

Prev Balance :	2,38,857.14 Dr
Bill Value :	74,762.00 Dr
Net Balance :	3,13,619.14 Dr

Company's GSTIN/UIN : **27AABFK5263G1ZE**
Company's PAN : **AABFK5263G**

Declaration
I/We hereby certify that my/our registration certificate under the GST Act-2017 is in force on the date on which the sale of
the goods specified in this Tax Invoice is made by me/us
and that the transactions of sales covered by this Tax Invoice has been effected by sale has been paid or shall be

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA (2020-21)

Authorised Signatory

M/S. R. D. KOTHADIYA PANDHARPUR

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

TAX-INVOICE

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA (2020-21)
Company's GSTIN/UIN : **27AABFK5263G1ZE**

Invoice No. **RDK/20-21/0089**	Dated **24-Apr-2020**
Delivery Note **21965**	Mode/Terms of Payment
Supplier's Ref. **RDK/20-21/0089**	Other Reference(s)
Buyer's Order No.	Dated
Despatch Document No. **21965**	Delivery Note Date **24-Apr-2020**
Despatched through **4442**	Destination .
Terms of Delivery	

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Sl No.	Description of Goods	HSN/SAC	Quantity	Sale Price	Rate	per	Disc. %	Amount
1	**Swr 110mm Door Bend 87.5 Dig. (Plug Bend)** *SER NO -225*	3917	**12.00 Nos.** *(0.60 Box.)*		125.00	Nos.		**1,500.00**
2	**Lubricant** *SER NO - 1017*	35061000	**2.00 Nos.**		48.00	Nos.		**96.00**
3	**Khile Kg** *SER NO - 633*	7318	**10.00 Kg** *(0.20 Bag.)*		104.00	Kg		**1,040.00**
4	**110mm Tee 6kg** *SER NO -320*	39174000	**2.00 Nos.** *(0.13 Bag.)*		214.00	Nos.		**428.00**
5	**110mm Elbow 6kg** *SER NO -318*	39174000	**6.00 Nos.** *(0.40 Bag.)*		170.00	Nos.		**1,020.00**
6	**Gasket Bottel** *SER NO -1024*	8409	**6.00 Nos.** *(0.30 Box.)*		19.00	Nos.		**114.00**
7	**2" Kothari Ball Valve** *SER NO -567*	3917	**6.00 Nos.**		294.00	Nos.		**1,764.00**
8	**Swr 110mm Single "Y" (Plain "Y")** *SER NO -226*	39172390	**9.00 Nos.** *(0.75 Box.)*		177.00	Nos.		**1,593.00**
9	**Swr 110mm Pipe Clip** *SER NO -235*	39172390	**200.00 Nos.** *(1.11 Box.)*		22.00	Nos.		**4,400.00**
10	**Tapariya Pakkad** *SER NO - -813*	8205	**2.00 Nos.**		274.00	Nos.		**548.00**
11	**90mmx6kg Pvc Pipe** *SER NO -556*	3917	**2.00 Nos.** *(12.00 Mtr.)*		856.00	Nos.		**1,712.00**
								14,215.00
	SGST							**1,279.35**
	CGST							**1,279.35**
	Rounding							**0.30**
	Total							**₹ 16,774.00**

E. & O.E

Amount Chargeable (in words)
INR Sixteen Thousand Seven Hundred Seventy Four Only

Prev Balance : 4,14,102.14 Dr
Bill Value : 16,774.00 Dr
Net Balance : 4,30,876.14 Dr

Company's GSTIN/UIN : **27AABFK5263G1ZE**
Company's PAN : **AABFK5263G**

Declaration
I/We hereby certify that my/our registration certificate under the GST Act-2017 is in force on the date on which the sale of
the goods specified in this Tax Invoice is made by me/us
and that the transactions of sales covered by this Tax Invoice has been effected by sale has been paid or shall be

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA (2020-21)

Authorised Signatory

M/S. R. D. KOTHADIYA PANDHARPUR

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

TAX-INVOICE

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA (2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5263G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Invoice No. **RDK/20-21/00822**	Dated **18-Aug-2020**
Delivery Note **DC NO.22826 ORDER NO.4452**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00822**	Other Reference(s)
Buyer's Order No. **4452**	Dated **18-Aug-2020**
Despatch Document No. **RDK/20-21/00822**	Delivery Note Date **18-Aug-2020**
Despatched through	Destination **GOPALPUR**
Bill of Lading/LR-RR No.	Motor Vehicle No. **MH13AX9209**
Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	**Swr 110mm Bend 87.5 Dig. (Plain Bend)** *225*	3917	**6.00 Nos.** *(0.25 Box.)*	125.00	Nos.		**750.00**
2	**Astm 1" Pipe 40sch 3 Mtr** *530*	3917	**25.00 Nos.** *(75.00 Mtr.)*	231.00	Nos.		**5,775.00**
3	**Saddle Clip 1"** *821*	7307	**200.00 Nos.**	7.00	Nos.		**1,400.00**
4	**Astm 1" Tee** *662*	3917	**12.00 Nos.** *(0.24 Box.)*	35.00	Nos.		**420.00**
5	**Astm 1" Elbow** *661*	3917	**50.00 Nos.** *(0.67 Box.)*	27.00	Nos.		**1,350.00**
6	**Astm 1"x1/2" Reducer** *718*	3917	**25.00 Nos.** *(0.25 Box.)*	26.00	Nos.		**650.00**
7	**Astm 1/2" Elbow** *635*	3917	**50.00 Nos.** *(0.33 Box.)*	12.00	Nos.		**600.00**
8	**Astm 1/2" Brass Elbow** *754*	3917	**50.00 Nos.** *(0.83 Box.)*	116.00	Nos.		**5,800.00**
9	**Saddle Clip 1/2"** *819*	7307	**200.00 Nos.**	4.00	Nos.		**800.00**
10	**Khile Kg** *633*	7318	**10.00 Kg** *(0.20 Bag.)*	104.00	Kg		**1,040.00**
11	**Astm 1" Ball Valve** *779*	3917	**12.00 Nos.** *(0.17 Box.)*	185.00	Nos.		**2,220.00**
12	**110mmx4kg Pvc Pipe** *557*	3917	**25.00 Nos.** *(150.00 Mtr.)*	788.00	Nos.		**19,700.00**

continued ...

TAX-INVOICE(Page 2)

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5263G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Invoice No. **RDK/20-21/00822**	Dated **18-Aug-2020**
Delivery Note **DC NO.22826 ORDER NO.4452**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00822**	Other Reference(s)
Buyer's Order No. **4452**	Dated **18-Aug-2020**
Despatch Document No. **RDK/20-21/00822**	Delivery Note Date **18-Aug-2020**
Despatched through	Destination **GOPALPUR**
Bill of Lading/LR-RR No.	Motor Vehicle No. **MH13AX9209**
Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
							40,505.00
	SGST						**3,645.45**
	CGST						**3,645.45**
	Rounding						**0.10**
	Total						**₹ 47,796.00**

Amount Chargeable (in words) *E. & O.E*

INR Forty Seven Thousand Seven Hundred Ninety Six Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
3917	37,265.00	9%	3,353.85	9%	3,353.85	6,707.70
7307	2,200.00	9%	198.00	9%	198.00	396.00
7318	1,040.00	9%	93.60	9%	93.60	187.20
Total	**40,505.00**		**3,645.45**		**3,645.45**	**7,290.90**

Tax Amount (in words) : **INR Seven Thousand Two Hundred Ninety and Ninety paise Only**

Prev Balance : 1,71,702.14 Dr
Bill Value : 47,796.00 Dr
Net Balance : 2,19,498.14 Dr

Company's PAN : **AABFK5263G**

Declaration
I/We hereby certify that my/our registration certificate under the GST Act-2017 is in force on the date on which the sale of
the goods specified in this Tax Invoice is made by me/us
and that the transactions of sales covered by this Tax Invoice has been effected by sale has been paid or shall be

Company's Bank Details
Bank Name : **HDFC Current (50200044158042)**
A/c No. : **50200044158042**
Branch & IFS Code: **PANDHARPUR & HDFC0002803**

Customer's Seal and Signature

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)

Authorised Signatory

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

TAX-INVOICE

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5263G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Invoice No. **RDK/20-21/00847**	Dated **22-Aug-2020**
Delivery Note **DC NO.23302 ORDER NO.4456**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00847**	Other Reference(s)
Buyer's Order No. **4456**	Dated **22-Aug-2020**
Despatch Document No. **RDK/20-21/00847**	Delivery Note Date **22-Aug-2020**
Despatched through	Destination **GOPALPUR**
Bill of Lading/LR-RR No.	Motor Vehicle No. **MH133871**
Terms of Delivery	

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	**Swr 110mm Pipe Clip** *235*	39172390	**220.00 Nos.** *(1.22 Box.)*	22.00	Nos.		**4,840.00**
	SGST						**435.60**
	CGST						**435.60**
	Less : ***Rounding***						**(-)0.20**
	Total		**220.00 Nos.**				**₹ 5,711.00**

E. & O.E

Amount Chargeable (in words)
INR Five Thousand Seven Hundred Eleven Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
39172390	4,840.00	9%	435.60	9%	435.60	871.20
Total	**4,840.00**		**435.60**		**435.60**	**871.20**

Tax Amount (in words) : **INR Eight Hundred Seventy One and Twenty paise Only**

Prev Balance : 2,38,595.14 Dr
Bill Value : 5,711.00 Dr
Net Balance : 2,44,306.14 Dr

Company's PAN : **AABFK5263G**

Declaration
I/We hereby certify that my/our registration certificate under the GST Act-2017 is in force on the date on which the sale of
the goods specified in this Tax Invoice is made by me/us
and that the transactions of sales covered by this Tax Invoice has been effected by sale has been paid or shall be

Company's Bank Details
Bank Name : **HDFC Current (50200044168042)**
A/c No. : **50200044168042**
Branch & IFS Code: **PANDHARPUR & HDFC0002803**

Customer's Seal and Signature

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21]

Authorised Signatory

R. D. KOTHADIYA PANDHARPUR

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

TAX-INVOICE

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5283G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Invoice No. **RDK/20-21/00902**	Dated **31-Aug-2020**
Delivery Note **DC NO.23109 ORDER NO.4453**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00902**	Other Reference(s)
Buyer's Order No. **4453**	Dated **31-Aug-2020**
Despatch Document No. **RDK/20-21/00902**	Delivery Note Date **31-Aug-2020**
Despatched through	Destination **GOPALPUR**
Terms of Delivery	

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	**Swr 110mm Pipe 3 Mtr A Type** 527	39172390	**30.00 Nos.** *(90.00 Mtr.)*	404.00	Nos.		**12,120.00**
2	**Swr 75mm Pipe 3mtr A Type** 526	39172390	**20.00 Nos.** *(60.00 Mtr.)*	227.00	Nos.		4,540.00
							16,660.00
	SGST						**1,499.40**
	CGST						**1,499.40**
	Rounding						**0.20**
	Total		**50.00 Nos.**				**₹ 19,659.00**

E. & O.E

Amount Chargeable (in words)
INR Nineteen Thousand Six Hundred Fifty Nine Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
39172390	16,660.00	9%	1,499.40	9%	1,499.40	2,998.80
Total	16,660.00		1,499.40		1,499.40	2,998.80

Tax Amount (in words) : **INR Two Thousand Nine Hundred Ninety Eight and Eighty paise Only**

Prev Balance : 4,24,314.14 Dr
Bill Value : 19,659.00 Dr
Net Balance : 4,43,973.14 Dr

Company's PAN : **AABFK5283G**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
Bank Name : **HDFC Current (50200014168042)**
A/c No. : **50200044168042**
Branch & IFS Code : **PANDHARPUR & HDFC0002800**

Customer's Seal and Signature

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21]

Authorised Signatory

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

TAX-INVOICE

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5263G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Invoice No. **RDK/20-21/00904**	Dated **31-Aug-2020**
Delivery Note **DC NO.23098 ORDER NO.4455**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00904**	Other Reference(s)
Buyer's Order No. **4455**	Dated **31-Aug-2020**
Despatch Document No. **RDK/20-21/00904**	Delivery Note Date **31-Aug-2020**
Despatched through	Destination **GOPALPUR**
Bill of Lading/LR-RR No.	Motor Vehicle No. **MH13AX9209**
Terms of Delivery	

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	**110mmx4kg Pvc Pipe** *557*	3917	**55.00 Nos.** *(330.00 Mtr.)*	788.00	Nos.		**43,340.00**
2	**110mm Tee 6kg** *320*	39174000	**12.00 Nos.** *(0.80 Bag.)*	214.00	Nos.		**2,568.00**
3	**Astm 11/2" Pipe 40sch 3 Mtr** *532*	3917	**23.00 Nos.** *(69.00 Mtr.)*	419.00	Nos.		**9,637.00**
4	**Astm 11/2" Coupler** *683*	3917	**30.00 Nos.** *(0.91 Box.)*	35.00	Nos.		**1,050.00**
5	**Khile Kg** *633*	7318	**10.00 Kg** *(0.20 Bag.)*	104.00	Kg		**1,040.00**
6	**100ml Solvent Bottle Pvc** *773*	35061000	**25.00 Nos.** *(0.13 Box.)*	171.00	Nos.		**4,275.00**
7	**Champion Taplone Tape** *621*	3920	**41.00 Nos.**	37.00	Nos.		**1,517.00**
8	**Swr 110mm Double Tee (Plain Tee)** *DOOR TEE* *230*	3917	**5.00 Nos.** *(0.42 Box.)*	159.00	Nos.		**795.00**
9	**Swr 110mm Double Tee (Plain Tee)** *229*	3917	**9.00 Nos.** *(0.75 Box.)*	139.00	Nos.		**1,251.00**
							65,473.00
	SGST						**5,892.57**
	CGST						**5,892.57**

continued ...

TAX-INVOICE(Page 2)

M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21)
4535/B/2, " MANORAMA"
KBP COLLEGE ROAD,NEAR MARKET YARD,
OPP CHANDRBHAGA ST STAND
PANDHARPUR
DIST- SOLAPUR
GSTIN/UIN: 27AABFK5263G1ZE
State Name : Maharashtra, Code : 27
E-Mail : acrdkppur@gmail.com

Invoice No. **RDK/20-21/00904**	Dated **31-Aug-2020**
Delivery Note **DC NO.23098 ORDER NO.4455**	Mode/Terms of Payment **30 DAY'S**
Supplier's Ref. **RDK/20-21/00904**	Other Reference(s)
Buyer's Order No. **4455**	Dated **31-Aug-2020**
Despatch Document No. **RDK/20-21/00904**	Delivery Note Date **31-Aug-2020**
Despatched through	Destination **GOPALPUR**
Bill of Lading/LR-RR No.	Motor Vehicle No. **MH13AX9209**
Terms of Delivery	

Buyer
Shri Vithal Education & Research Institute,Gopalpur
Gopalpur- Ranjani Road, Post Box No. 54,
Gopalpur, Pandharpur- 413 304.
Dist. Solapur (Maharashtra)
State Name : Maharashtra, Code : 27

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
	Less : ***Rounding***						**(-)0.14**
	Total						**₹ 77,258.00**

Amount Chargeable (in words) *E. & O.E*
INR Seventy Seven Thousand Two Hundred Fifty Eight Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
3917	56,073.00	9%	5,046.57	9%	5,046.57	10,093.14
39174000	2,568.00	9%	231.12	9%	231.12	462.24
7318	1,040.00	9%	93.60	9%	93.60	187.20
35061000	4,275.00	9%	384.75	9%	384.75	769.50
3920	1,517.00	9%	136.53	9%	136.53	273.06
Total	**65,473.00**		**5,892.57**		**5,892.57**	**11,785.14**

Tax Amount (in words) : **INR Eleven Thousand Seven Hundred Eighty Five and Fourteen paise Only**

Prev Balance : 3,66,715.14 Dr
Bill Value : 77,258.00 Dr
Net Balance : 4,43,973.14 Dr

Company's PAN : **AABFK5263G**

Declaration
I/We hereby certify that my/our registration certificate under the GST Act-2017 is in force on the date on which the sale of
the goods specified in this Tax Invoice is made by me/us
and that the transactions of sales covered by this Tax Invoice has been effected by sale has been paid or shall be

Company's Bank Details
Bank Name : **HDFC Current (50200044158042)**
A/c No. : **50200044158042**
Branch & IFS Code: **PANDHARPUR & HDFC0002803**

Customer's Seal and Signature

for M/S. RAMESHCHANDRA DHANYAKUMAR KOTHADIYA [2020-21]

Authorised Signatory

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

Shri Vithal Education & Research Institute, Pandharpur
Regd No. Maharashtra/513/94/Solapur(1960021)dated 28/12/1994, F-4371Solapur (1950 Mumbai-29)dated 06/03/1995
Gopalpur -Ranjani Road, Gopalpur, P.B. No. 54, Gopalpur, Tal - Pandharpur - 413 304, Dist. Solapur (Maharashtra)
Tel : 9545553888,9545553855, E-Mail : coe@sveri.ac.in, Website : www.sveri.ac.in
SVERI

Ref .No: SVERI/Store/2019-20/ 52(C)

Date:- 24/09/2019

To,
Rameshchandra D. Kotadiya,
Navi Peth, Main Road,
Pandharpur 413 304.

Sub:- Rate Contract Order for Plumbing Material.

Ref:- 1. Order no. SVERI/Store/2018-2019/47(A) dated 03/08/2018
2. Your letter dated 01/09/2019.

Dear Sir,
With above reference, we are pleased to place the order on Rate Contract basis for the purchase of plumbing materials as per the details given in **Annexure-I**, attached herewith.

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 01/09/2019 to 31/08/2020.
2. You shall have to supply the material as per our requirement, as and when required, during the Contract period as per the rates mentioned in Annexure-I.
3. Acceptance of material is subject to prior inspection and approval from our side.
4. GST at actual.
5. Delivery at our campus.
6. Payment against the delivery.

Thank you,

Yours faithfully,

B.P.Ronge
(Dr. B.P.Ronge)
SECRETARY

Shri Vithal Education & Research Institute, Pandharpur
Regd No - Maharashtra/5111/94/Solapur(1960(21))dated 28/12/1994, F-4371Solapur (1950 Mumbai-29)dated 06/03/1995
Gopalpur - Ranjani Road, Gopalpur, P.B. No. 54, Gopalpur, Tal - Pandharpur - 413 304, Dist. Solapur (Maharashtra)
Tel : 9545553888,9545553855, E-Mail : coe@sveri.ac.in, Website : www.sveri.ac.in

SVERI

Ref .No: SVERI/Store/2019-20/ Date:-

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
1.	Elbow	GI. ½"	As Per requirement	15.00
2.	Tee	—do—	—do—	25.00
3.	Socket	—do—	—do—	15.00
4.	Union	—do—	—do—	44.00
5.	X NIPPLE	—do—	—do—	17.00
6.	Cross	—do—	—do—	35.00
7.	3W Elbow	—do—	—do—	31.00
8.	Elbow	GI. ¾"	—do—	25.00
9.	Tee	—do—	—do—	39.00
10.	Socket	—do—	—do—	21.00
11.	Union	—do—	—do—	60.00
12.	X NIPPLE	—do—	—do—	25.00
13.	R/Elbow	—do—	—do—	26.00
14.	R\Tee	—do—	—do—	42.00
15.	R\Socket	GI. ¾"	—do—	24.00
16.	Cross	—do—	—do—	52.00
17.	3W Elbow	—do—	—do—	47.00
18.	Elbow	GI. 1"	—do—	39.00
19.	Tee	—do—	—do—	54.00
20.	Socket	—do—	—do—	28.00
21.	Union	—do—	—do—	80.00
22.	X NIPPLE	—do—	—do—	36.00
23.	R/Elbow	—do—	—do—	42.00
24.	R\Tee	—do—	—do—	58.00
25.	R\Socket	—do—	—do—	32.00
26.	Cross	—do—	—do—	82.00
27.	3W Elbow	—do—	—do—	76.00
28.	Elbow	GI.1 ¼"	—do—	58.00
29.	Tee	—do—	—do—	78.00
30.	Socket	—do—	—do—	43.00
31.	Union	—do—	—do—	113.00
32.	X NIPPLE	—do—	—do—	57.00
33.	R/Elbow	—do—	—do—	64.00
34.	R\Tee	—do—	—do—	87.00
35.	R\Socket	—do—	—do—	47.00
36.	Cross	—do—	—do—	131.00
37.	3W Elbow	—do—	—do—	111.00
38.	Elbow	GI. 1 ½"	—do—	79.00
39.	Tee	—do—	—do—	97.00

...2/

B. Range

Subject to PANDHARPUR Jurisdiction

M/s. Rameshchandra Dhanyakumar Kothadiya

'MANORAMA' Building 4535/B-2, KBP College Road,Near Market Yard,
Pandharpur. Dist.Solapur. (Maharashtra) Pin Code-413304
Ph: Shop: (02186) 228088 Mo. 9422068364

1-9-2019

TO:

COLLEGE OF ENGINEERING
GOPALPUR-RANJANI ROAD, POST BOX NO. 54,
GOPALPUR, PANDHARPUR - 413304.
DIST-SOLAPUR (MAHARASHTRA)

SUB: CONTRACT FOR PLUMBING MATERIAL 2019-2020
REF: SVERI/STORE/2018-19/47A

DEAR SIR,

WITH REFERENCE TO ABOVE, WE ARE ACCEPT TO GIVE THE MATERIAL AS PER LAST ORDER ON RATE CONTRACT BASIC FOR THE PURCHASE OF PLUMBING MATERIAL CONTRACT 2019-20. AND GST WILL BE APPLY ON RATE.

THIS CONTRACT AVAILABLE FOR THE PERIOD 01/09/2019 TO 31/08/2020.

THANK YOU

M/S. R. D. KOTHADIYA PANDHARPUR

FOR R.D. KOTHADIYA,
PANDHARPUR.

Shri Vithal Education & Research Institute, Pandharpur
Regd No. Maharashtra/1111/94/Solapur(1960(21))dated 28.12.1994 & 1171/Solapur (1950 Mumbai 29)dated 06/03/1995
Gopalpur: Ranjani Road, Gopalpur, P.B. No. 54, Gopalpur, Tal. Pandharpur 413 304, Dist. Solapur (Maharashtra)
Tel. 9545553888,9545553855, E-Mail: coe@sveri.ac.in, Website: www.sveri.ac.in
SVERI

Ref. No. SVERI/Store/2018-19/ 47(A)

Date:- 03/08/2018

To,
Rameshchandra D. Kotadiya,
Navi Peth, Main Road,
Pandharpur 413 304.

Sub:- Rate Contract Order for Plumbing Material.

Ref:- Your quotation dated 24/06/2018.

Dear Sir,
With above reference, we are pleased to place the order on Rate Contract basis for the purchase of plumbing materials as per the details given in Annexure-I, attached herewith.

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 15/08/2018 to 14/08/2019.
2. You shall have to supply the material as per our requirement, as and when required, during the Contract period as per the rates mentioned in Annexure-I.
3. Acceptance of material is subject to prior inspection and approval from our side.
4. GST at actual.
5. Delivery at our campus.
6. Payment against the delivery.

Thank you,

Yours faithfully,

B.P.Ronge

(Dr. B.P.Ronge)
SECRETARY

Shri Vithal Education & Research Institute, Pandharpur
Regd No. Maharashtra/31/1994/Solapur/19/021 Dated 20/12/1994, F-437/Solapur (1990) Mumbai-29 dated 06/03/1995
Gopalpur -Pandpur Road, Gopalpur, P.B. No. 54, Gopalpur, Tal - Pandharpur 413 304, Dist. Solapur (Maharashtra)
Tel.: 9049553833,9049553855, E-Mail : coe@sveri.ac.in, Website : www.sveri.ac.in

Ref .No: SVERI/Store/2019-20/

Date:-

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
1.	Elbow	GI. ½"	As Per requirement	15.00
2.	Tee	—do—	—do—	25.00
3.	Socket	—do—	—do—	15.00
4.	Union	—do—	—do—	44.00
5.	X NIPPLE	—do—	—do—	17.00
6.	Cross	—do—	—do—	35.00
7.	3W Elbow	—do—	—do—	31.00
8.	Elbow	GI. ¾"	—do—	25.00
9.	Tee	—do—	—do—	39.00
10.	Socket	—do—	—do—	21.00
1.	Union	—do—	—do—	60.00
12.	X NIPPLE	—do—	—do—	25.00
13.	R/Elbow	—do—	—do—	26.00
14.	R\Tee	—do—	—do—	42.00
15.	R\Socket	GI. ¾"	—do—	24.00
6.	Cross	—do—	—do—	52.00
17.	3W Elbow	—do—	—do—	47.00
18.	Elbow	GI. 1"	—do—	39.00
19.	Tee	—do—	—do—	54.00
20.	Socket	—do—	—do—	28.00
21.	Union	—do—	—do—	80.00
22.	X NIPPLE	—do—	—do—	36.00
23.	R/Elbow	—do—	—do—	42.00
24.	R\Tee	—do—	—do—	58.00
25.	R\Socket	—do—	—do—	32.00
26.	Cross	—do—	—do—	82.00
27.	3W Elbow	—do—	—do—	76.00
28.	Elbow	GI.1 ¼"	—do—	58.00
29.	Tee	—do—	—do—	78.00
30.	Socket	—do—	—do—	43.00
31.	Union	—do—	—do—	113.00
32.	X NIPPLE	—do—	—do—	57.00
33.	R/Elbow	—do—	—do—	64.00
34.	R\Tee	—do—	—do—	87.00
35.	R\Socket	—do—	—do—	47.00
36.	Cross	—do—	—do—	131.00
37.	3W Elbow	—do—	—do—	111.00
38.	Elbow	GI. 1 ½"	—do—	79.00
39.	Tee	—do—	—do—	97.00

...2/

B. Range

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
40.	Socket	GI. 1 ½"	As Per requirement	54.00
41.	Union	—do—	—do—	139.00
42.	X NIPPLE	—do—	—do—	71.00
43.	R/Elbow	—do—	—do—	89.00
44.	R\Tee	—do—	—do—	161.00
45.	R\Socket	—do—	—do—	59.00
46.	Cross	—do—	—do—	178.00
47.	3W Elbow	—do—	—do—	155.00
48.	Elbow	GI. 2"	—do—	124.00
49.	Tee	—do—	—do—	155.00
50.	Socket	—do—	—do—	83.00
51.	Union	—do—	—do—	211.00
52.	X NIPPLE	—do—	—do—	104.0
53.	R/Elbow	—do—	—do—	137.00
54.	R\Tee	—do—	—do—	171.00
55.	R\Socket	—do—	—do—	92.00
56.	Cross	—do—	—do—	272.00
57.	3W Elbow	—do—	—do—	242.00
58.	Elbow	GI. 2 ½"	—do—	239.00
59.	Tee	—do—	—do—	272.00
60.	Socket	—do—	—do—	141.00
61.	Union	—do—	—do—	398.00
62.	X NIPPLE	—do—	—do—	141.00
63.	R/Elbow	—do—	—do—	261.00
64.	R\Tee	—do—	—do—	302.00
65.	R\Socket	—do—	—do—	149.00
66.	Cross	—do—	—do—	423.00
67.	3W Elbow	—do—	—do—	360.00
68.	Elbow	GI. 3"	—do—	322.00
69.	Tee	—do—	—do—	394.00
70.	Socket	—do—	—do—	203.00
71.	Union	GI. 3"	—do—	554.00
72.	X NIPPLE	—do—	—do—	301.00
73.	R/Elbow	—do—	—do—	352.00
74.	R\Tee	—do—	—do—	433.00
75.	R\Socket	—do—	—do—	225.00
76.	Cross	—do—	—do—	574.00
77.	3W Elbow	—do—	—do—	483.00
78.	Elbow	GI. 4"	—do—	583.00
79.	Tee	—do—	—do—	714.00
80.	Socket	—do—	—do—	351.00
81.	Union	—do—	—do—	761.00
82.	X NIPPLE	GI. 4"	—do—	557.00
83.	R/Elbow	—do—	—do—	636.00

...3/

B-Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
84.	R\Tee	GI. 4"	As Per requirement	782.00
85.	R\Socket	—do—	—do—	382.00
86.	Cross	—do—	—do—	1544.00
87.	3W Elbow	—do—	—do—	984.00
88.	BARRLE NIPPLE	GI ½"X2"	—do—	10.00
89.	BARRLE NIPPLE	GI ½"X3"22	—do—	11.00
90.	BARRLE NIPPLE	GI ½"X4"	—do—	16.00
91.	BARRLE NIPPLE	GI ½"X5"	—do—	19.00
92.	BARRLE NIPPLE	GI ½"X6"	—do—	24.00
93.	BARRLE NIPPLE	GI ½"X7"	—do—	27.00
94.	BARRLE NIPPLE	GI ½"X 8"	—do—	30.00
95.	BARRLE NIPPLE	GI ½"X 12"	—do—	46.00
96.	BARRLE NIPPLE	GI ½"X15"	—do—	57.00
97.	BARRLE NIPPLE	GI ½"X18"	—do—	68.00
98.	BARRLE NIPPLE	GI ½"X24"	—do—	90.00
99.	BARRLE NIPPLE	GI ½"X30"	—do—	112.00
100.	BARRLE NIPPLE	GI ½"X36"	—do—	136.00
101.	BARRLE NIPPLE	GI ¾"X 2"	—do—	12.00
102.	BARRLE NIPPLE	GI¾"X 3"	—do—	14.00
103.	BARRLE NIPPLE	GI ¾"X4"	—do—	20.00
104.	BARRLE NIPPLE	GI ¾"X5"	—do—	26.00
105.	BARRLE NIPPLE	GI ¾"X6"	—do—	30.00
106.	BARRLE NIPPLE	GI ¾"X7"	—do—	34.00
107.	BARRLE NIPPLE	GI ¾"X8"	—do—	40.00
108.	BARRLE NIPPLE	GI ¾"X9"	—do—	42.00
109.	BARRLE NIPPLE	GI ¾"X12"	—do—	59.00
110.	BARRLE NIPPLE	GI ¾"15"	—do—	74.00
111.	BARRLE NIPPLE	GI ¾"X18"	—do—	89.00
112.	BARRLE NIPPLE	GI ¾"X24"	—do—	119.00
113.	BARRLE NIPPLE	30" X ¾"	—do—	149.00
114.	BARRLE NIPPLE	36" X ¾"	—do—	224.00
115.	BARRLE NIPPLE	GI 1"X 2"	—do—	17.00
116.	BARRLE NIPPLE	GI 1"X 3"	—do—	21.00
117.	BARRLE NIPPLE	GI 1"X 4"	—do—	29.00
118.	BARRLE NIPPLE	GI 1"X 5"	—do—	36.00
119.	BARRLE NIPPLE	GI 1"X 6"	—do—	43.00
120.	BARRLE NIPPLE	GI 1"X 7"	—do—	51.00
121.	BARRLE NIPPLE	GI 1"X 8"	—do—	59.00
122.	BARRLE NIPPLE	GI 1"X 9"	—do—	66.00
123.	BARRLE NIPPLE	GI 1"X 12"	—do—	82.00
124.	BARRLE NIPPLE	GI 1"X 15"	—do—	109.00
125.	BARRLE NIPPLE	GI 1"X 18"	—do—	131.00
126.	BARRLE NIPPLE	GI 1"X 24"	—do—	175.00
127.	BARRLE NIPPLE	GI 1"X 30"	—do—	218.00

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B. Ronge

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
128.	BARRLE NIPPLE	GI 1"X 36"	As Per requirement	261.00
129.	BARRLE NIPPLE	GI 1¼"X 2"	—do—	24.00
130.	BARRLE NIPPLE	GI1 ¼"X3"	—do—	27.00
131.	BARRLE NIPPLE	GI 1¼"X4"	—do—	36.00
132.	BARRLE NIPPLE	GI1 ¼"X5"	—do—	44.00
133.	BARRLE NIPPLE	GI 1¼"X6"	—do—	52.00
134.	BARRLE NIPPLE	GI 1¼"X7"	—do—	62.00
135.	BARRLE NIPPLE	GI 1¼"X8"	—do—	71.00
136.	BARRLE NIPPLE	GI 1¼"X 9"	—do—	79.00
137.	BARRLE NIPPLE	GI 1¼"X12"	—do—	106.00
138.	BARRLE NIPPLE	GI 1¼"X 15"	—do—	133.00
139.	BARRLE NIPPLE	GI 1¼"X 18"	—do—	159.00
140.	BARRLE NIPPLE	GI 1¼"X 24"	—do—	212.00
141.	BARRLE NIPPLE	GI 1¼"X 30"	—do—	265.00
142.	BARRLE NIPPLE	GI 1¼"X 36"	—do—	318.00
143.	BARRLE NIPPLE	GI 1 ½"X 2"	—do—	26.00
144.	BARRLE NIPPLE	GI 1½"X 3"	—do—	32.00
145.	BARRLE NIPPLE	GI 1½"X 4"	—do—	43.00
146.	BARRLE NIPPLE	GI 1½"X 5"	—do—	56.00
147.	BARRLE NIPPLE	GI 1½"X 6"	—do—	66.00
148.	BARRLE NIPPLE	GI 1½"X 7"	—do—	77.00
149.	BARRLE NIPPLE	GI 1½"X 8"	—do—	88.00
150.	BARRLE NIPPLE	GI 1½"X 9"	—do—	98.00
151.	BARRLE NIPPLE	GI 1½"X 12"	—do—	131.00
152.	BARRLE NIPPLE	GI 1½"X 15"	—do—	164.00
153.	BARRLE NIPPLE	GI 1½"X 18"	—do—	261.00
154.	BARRLE NIPPLE	GI 1½"X 24"	—do—	293.00
155.	BARRLE NIPPLE	GI 1½"X 30"	—do—	327.00
156.	BARRLE NIPPLE	GI 1½"X 36"	—do—	393.00
157.	BARRLE NIPPLE	GI 2"X 2"	—do—	40.00
158.	BARRLE NIPPLE	GI 2"X 3"	—do—	49.00
159.	BARRLE NIPPLE	GI 2"X 4"	—do—	66.00
160.	BARRLE NIPPLE	GI 2"X 5"	—do—	81.00
161.	BARRLE NIPPLE	GI 2"X 6"	—do—	98.00
162.	BARRLE NIPPLE	GI 2"X 7"	—do—	116.00
163.	BARRLE NIPPLE	GI 2"X 8"	—do—	131.00
164.	BARRLE NIPPLE	GI 2"X 9"	—do—	148.00
165.	BARRLE NIPPLE	GI 2"X 12"	—do—	197.00
166.	BARRLE NIPPLE	GI 2"X 15"	—do—	246.00
167.	BARRLE NIPPLE	GI 2"X 18"	—do—	295.00
168.	BARRLE NIPPLE	GI 2"X 24"	—do—	393.00
169.	BARRLE NIPPLE	GI 2"X 30"	—do—	491.00
170.	BARRLE NIPPLE	GI 2"X 36"	—do—	589.00
171.	BARRLE NIPPLE	GI 2½"X 2"	—do—	50.00

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B-Range

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
172.	BARRLE NIPPLE	GI 2½"X 3"	As Per requirement	64.00
173.	BARRLE NIPPLE	GI 2½"X 4"	—do—	87.00
174.	BARRLE NIPPLE	GI 2½"X 5"	—do—	107.00
175.	BARRLE NIPPLE	GI 2½"X 6"	—do—	128.00
176.	BARRLE NIPPLE	GI 2½"X 7"	—do—	150.00
177.	BARRLE NIPPLE	GI 2½"X 8"	—do—	171.00
178.	BARRLE NIPPLE	GI 2½"X 9"	—do—	193.00
179.	BARRLE NIPPLE	GI 2½"X 12"	—do—	256.00
180.	BARRLE NIPPLE	GI 2½"X 15"	—do—	321.00
181.	BARRLE NIPPLE	GI 2½"X 18"	—do—	391.00
182.	BARRLE NIPPLE	GI 2½"X 24"	—do—	514.00
183.	BARRLE NIPPLE	GI 2½"X 30"	—do—	642.00
184.	BARRLE NIPPLE	GI 2½"X 36"	—do—	771.00
185.	BARRLE NIPPLE	GI 3"X 3"	—do—	81.00
186.	BARRLE NIPPLE	GI 3"X 4"	—do—	109.00
187.	BARRLE NIPPLE	GI 3"X 6"	—do—	167.00
188.	BARRLE NIPPLE	GI 3"X 9"	—do—	243.00
189.	BARRLE NIPPLE.	GI 3"X 12"	—do—	275.00
190.	BARRLE NIPPLE	GI 3"X 15"	—do—	323.00
191.	BARRLE NIPPLE	GI 3"X 18"	—do—	406.00
192.	BARRLE NIPPLE	GI 3"X 24"	—do—	485.00
193.	BARRLE NIPPLE	GI 3"X 30"	—do—	648.00
194.	BARRLE NIPPLE	GI 3"X 36"	—do—	810.00
195.	BARRLE NIPPLE	GI 4"X3"	—do—	109.00
196.	BARRLE NIPPLE	GI 4"X4"	—do—	147.00
197.	BARRLE NIPPLE	GI 4"X6"	—do—	218.00
198.	BARRLE NIPPLE	GI 4"X9"	—do—	327.00
199.	BARRLE NIPPLE	GI 4"X12"	—do—	437.00
200.	BARRLE NIPPLE	GI 4"X15"	—do—	545.00
201.	BARRLE NIPPLE	GI 4"X18"	—do—	655.00
202.	BARRLE NIPPLE	GI 4"X24"	—do—	872.00
203.	BARRLE NIPPLE	GI 4"X30"	—do—	1090.00
204.	BARRLE NIPPLE	GI 4" X 36"	—do—	1309.00
205.	Vent Cowl	75 MM	—do—	32.00
206.	Door Cap	—do—	—do—	32.00
207.	Bend 45 Degree	—do—	—do—	46.00
208.	Door Bend 87.5 Degree	—do—	—do—	73.00
209.	Single Y 45 Degree	—do—	—do—	83.00
210.	Single Y with Door 45 Degree	—do—	—do—	107.00
211.	Coupler	75 MM	—do—	41.00
212.	Single Tee 87.5 Degree	—do—	—do—	67.00
213.	Single Tee with Door 87.5 Degree	—do—	—do—	86.00

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B. Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
214.	Double Tee 87.5 Degree	75 MM	As Per requirement	127.00
215.	Double Tee with Door 87.5 Degree	—do—	—do—	147.00
216.	Cleansing Pipe	—do—	—do—	87.00
217.	Reducer 110mm x 75 mm	—do—	—do—	76.00
218.	Pipe Clip	—do—	—do—	20.00
219.	Double Y	—do—	—do—	122.00
220.	Double Y with Door	—do—	—do—	171.00
221.	Vent Cowl	110 MM	—do—	45.00
222.	Door Cap	—do—	—do—	35.00
223.	Bend 45 Degree	—do—	—do—	82.00
224.	Bend 87.5 Degree	—do—	—do—	100.00
225.	Door Bend 87.5 Degree	—do—	—do—	125.00
226.	Single Y 45 Degree	—do—	—do—	177.00
227.	Single Y with Door 45 Degree	—do—	—do—	199.00
228.	Coupler	—do—	—do—	63.00
229.	Single Tee 87.5 Degree	—do—	—do—	139.00
230.	Single Tee with Door 87.5 Degree	—do—	—do—	159.00
231.	Double Tee 87.5 Degree	—do—	—do—	263.00
232.	Double Tee with Door 87.5 Degree	—do—	—do—	282.00
233.	Cleansing Pipe	—do—	—do—	155.00
234.	Reducer 110mm x 75 mm	—do—	—do—	76.00
235.	Pipe Clip	—do—	—do—	22.00
236.	Double Why	—do—	—do—	215.00
237.	Double Why with Door	—do—	—do—	277.00
238.	P. Trap With L. Ring	With L. Ring 110mm x 110mm	—do—	274.00
239.	Q. Trap	—do—	—do—	304.00
240.	S. Trap	—do—	—do—	381.00
241.	P. Trap	125mm x 110mm	—do—	322.00
242.	Q. Trap	—do—	—do—	364.00
243.	S. Trap	125mm x 110mm	—do—	484.00
244.	Nahani Trap With Jali	110mm x 75 mm with jail	—do—	100.00
245.	Nahani Trap	110 mm X90 mm	—do—	109.00
246.	Nahani Trap	110 mm X110mm	—do—	118.00
247.	Nahani Trap Jali	110mm x 75 mm	—do—	27.00
248.	Multi Floor Trap	110 mm X90 mm	—do—	135.00

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B.Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
249.	COUPLER (K.H.)	20mm	As Per requirement	4.00
250.	ELBOW(K.H.)	—do—	—do—	4.00
251.	EQUAL TEE(K.H.)	—do—	—do—	5.00
252.	M.T.A.KISAN	—do—	—do—	4.00
253.	F.T.A.KISAN	—do—	—do—	4.00
254.	END CAP (K.H.)	—do—	—do—	4.00
255.	END CAP (TRD)	—do—	—do—	4.00
256.	COUPLER (K.H.)	25mm	—do—	5.00
257.	ELBOW(K.H.)	—do—	—do—	6.00
258.	EQUAL TEE(K.H.)	—do—	—do—	12.00
259.	M.T.A.KISAN	—do—	—do—	5.00
260.	F.T.A. KISAN	—do—	—do—	5.00
261.	END CAP (K.H.)	—do—	—do—	4.00
262.	END CAP (TRD)	—do—	—do—	5.00
263.	COUPLER (K.H.)	32mm	—do—	5.00
264.	ELBOW(K.H.)	—do—	—do—	11.00
265.	EQUAL TEE(K.H.)	32mm	—do—	15.00
266.	M.T.A.KISAN	—do—	—do—	6.00
267.	F.T.A.KISAN	—do—	—do—	7.00
268.	END CAP (K.H.)	—do—	—do—	5.00
269.	END CAP (TRD)	—do—	—do—	9.00
270.	COUPLER (K.H.)	40mm	—do—	10.00
271.	ELBOW(K.H.)	—do—	—do—	17.00
272.	EQUAL TEE(K.H.)	—do—	—do—	21.00
273.	M.T. A. KISAN	—do—	—do—	12.00
274.	F.T.A. KISAN	—do—	—do—	12.00
275.	END CAP (K.H.)	—do—	—do—	10.00
276.	END CAP (TRD)	—do—	—do—	18.00
277.	COUPLER (K.H.)	50mm	—do—	13.00
278.	ELBOW(K.H.)	—do—	—do—	28.00
279.	EQUAL TEE(K.H.)	—do—	—do—	32.00
280.	M.T.A.KISAN	—do—	—do—	18.00
281.	F.T.A.KISAN	—do—	—do—	18.00
282.	END CAP (K.H.)	—do—	—do—	13.00
283.	END CAP TRD	—do—	—do—	22.00
284.	COUPLER (K.H.)	63mm	—do—	24.00
285.	ELBOW(K.H.)	—do—	—do—	52.00
286.	ELBOW(G.H.)	—do—	—do—	39.00
287.	EQUAL TEE(K.H.)	—do—	—do—	63.00
288.	TEE GAURAV HEAVY	—do—	—do—	48.00
289.	M.T.A.KISAN	63mm	—do—	29.00
290.	F.T.A.KISAN	—do—	—do—	32.00
291.	S.SADDLE	—do—	—do—	72.00

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B-Range

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
292.	TAIL PIECE	63mm	As Per requirement	21.00
293.	END CAP (K.H.)	—do—	—do—	16.00
294.	END CAP (TRD)	—do—	—do—	22.00
295.	COUPLER (K.H.)	75mm	—do—	34.00
296.	ELBOW(K.H.)	—do—	—do—	67.00
297.	ELBOW(G.H.)	—do—	—do—	54.00
298.	EQUAL TEE(K.H.)	—do—	—do—	80.00
299.	TEE GAURAV HEAVY	—do—	—do—	65.00
300.	M.T.A. (KISAN)	—do—	—do—	46.00
301.	F.T.A. (KISAN)	—do—	—do—	45.00
302.	S.SADDLE	—do—	—do—	82.00
303.	TAIL PIECE	—do—	—do—	25.00
304.	END CAP (K.H.)	—do—	—do—	25.00
305.	END CAP (TRD)	—do—	—do—	36.00
306.	COUPLER (K.H.)	90mm	—do—	58.00
307.	ELBOW(K.H.)	—do—	—do—	121.00
308.	ELBOW(G.H.)	—do—	—do—	85.00
309.	EQUAL TEE(K.H.)	—do—	—do—	150.00
310.	TEE GAURAV HEAVY	—do—	—do—	102.00
311.	M.T.A.KISAN	—do—	—do—	63.00
312.	F.T.A.KISAN	—do—	—do—	68.00
313.	S.SADDLE	—do—	—do—	102.00
314.	TAIL PIECE	—do—	—do—	44.00
315.	END CAP (K.H.)	—do—	—do—	34.00
316.	END CAP (TRD)	—do—	—do—	48.00
317.	COUPLER (K.H.)	110mm	—do—	92.00
318.	ELBOW(K.H.)	—do—	—do—	170.00
319.	ELBOW(G.H.)	110mm	—do—	125.00
320.	EQUAL TEE(K.H.)	—do—	—do—	214.00
321.	TEE GAURAV HEAVY	—do—	—do—	164.00
322.	M.T.A.KISAN	—do—	—do—	116.00
323.	F.T.A.KISAN	—do—	—do—	125.00
324.	S.SADDLE	—do—	—do—	120.00
325.	TAIL PIECE	—do—	—do—	64.00
326.	END CAP (K.H.)	—do—	—do—	57.00
327.	END CAP (TRD)	—do—	—do—	61.00
328.	ELBOW(K.H.)	140mm	—do—	334.00
329.	EQUAL TEE(K.H.)	—do—	—do—	412.00
330.	M.T.A.KISAN	—do—	—do—	140.00
331.	F.T.A.KISAN	—do—	—do—	199.00
332.	S.SADDLE	—do—	—do—	141.00
333.	TAIL PIECE	—do—	—do—	106.00
334.	END CAP (K.H.)	—do—	—do—	120.00
335.	END CAP (TRD)	—do—	—do—	151.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
336.	ELBOW(K.H.)	160mm	As Per requirement	487.00
337.	EQUAL TEE(K.H.)	—do—	—do—	593.00
338.	M.T.A.KISAN	—do—	—do—	233.00
339.	F.T.A.KISAN	—do—	—do—	260.00
340.	S.SADDLE	—do—	—do—	166.00
341.	TAIL PIECE	—do—	—do—	125.00
342.	END CAP (K.H.)	—do—	—do—	146.00
343.	END CAP (TRD)	160mm	—do—	207.00
344.	ELBOW(K.H.)	180mm	—do—	891.00
345.	EQUAL TEE(K.H.)	—do—	—do—	1146.00
346.	S.SADDLE	180mm	—do—	279.00
347.	TAIL PIECE	—do—	—do—	199.00
348.	END CAP (K.H.)	—do—	—do—	207.00
349.	COUPLER (K.H.)	200mm	—do—	441.00
350.	ELBOW (K.H.)	—do—	—do—	1033.00
351.	EQUAL TEE(K.H.)	—do—	—do—	1354.00
352.	S.SADDLE	—do—	—do—	299.00
353.	TAIL PIECE	—do—	—do—	256.00
354.	END CAP K.H.	—do—	—do—	262.00
355.	REDUCER	25mmX20mm	—do—	5.00
356.	RED F.T.A.	—do—	—do—	5.00
357.	RED BUSH	—do—	—do—	4.00
358.	RED BUSH (TRD)	—do—	—do—	4.00
359.	RED ELBOW	—do—	—do—	10.00
360.	REDUCER	32mmX25mm	—do—	6.00
361.	RED F.T.A.	—do—	—do—	7.00
362.	RED BUSH	—do—	—do—	5.00
363.	RED BUSH TRD	—do—	—do—	5.00
364.	RED ELBOW	—do—	—do—	15.00
365.	REDUCER	40mmX32mm	—do—	11.00
366.	RED F.T.A.	—do—	—do—	15.00
367.	RED BUSH	—do—	—do—	9.00
368.	RED BUSH TRD	—do—	—do—	6.00
369.	REDUCER	50mmX40mm	—do—	15.00
370.	RED F.T.A.	—do—	—do—	26.00
371.	RED BUSH	—do—	—do—	12.00
372.	RED BUSH TRD	—do—	—do—	13.00
373.	REDUCER	63mmX50mm	—do—	20.00
374.	RED F.T.A.	—do—	—do—	41.00
375.	RED BUSH	—do—	—do—	20.00
376.	RED BUSH (TRD)	—do—	—do—	25.00
377.	RED ELBOW O/S (TRD)	Single Stage 25mmX20mm	—do—	10.00
378.	RED MTA O/S(TRD)	—do—	—do—	7.00

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B. Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
379.	RED ELBOW O/S (TRD)	SINGLE STAGE 32mmX25mm	As Per requirement	15.00
380.	RED TEE	—do—	—do—	22.00
381.	RED MTA O/S(TRD)	—do—	—do—	12.00
382.	RED ELBOW O/S (TRD)	SINGLE STAGE 40"X32"	—do—	24.00
383.	RED MTA O/S TRD	—do—	—do—	26.00
384.	RED ELBOW O/S (TRD)	SINGLE STAGE 50mmX40mm.	—do—	43.00
385.	RED MTA O/S(TRD)	—do—	—do—	45.00
386.	RED ELBOW O/S (TRD)	SINGLE STAGE 63"X50"	—do—	77.00
387.	RED MTA O/S(TRD)	—do—	—do—	79.00
388.	REDUCER	SINGLE STAGE 75mmx63mm	—do—	30.00
389.	RED F.T.A.	—do—	—do—	61.00
390.	RED F.T.A. GAURAV	—do—	—do—	50.00
391.	RED BUSH	—do—	—do—	27.00
392.	RED BUSH TRD	—do—	—do—	44.00
393.	RED ELBOW	SINGLE STAGE 75mmx63mm	—do—	118.00
394.	REDUCER	SINGLE STAGE 90 mm x75 mm	—do—	54.00
395.	RED F.T.A.	—do—	—do—	81.00
396.	RED F.T.A. GAURAV	SINGLE STAGE 90 mm x75 mm	—do—	70.00
397.	RED BUSH	—do—	—do—	42.00
398.	REDUCER	SINGLE STAGE 110 mm x90 mm	—do—	63.00
399.	RED F.T.A.	—do—	—do—	138.00
400.	RED BUSH	—do—	—do—	86.00
401.	REDUCER	SINGLE STAGE 140 mm x110 mm	—do—	114.00
402.	RED F.T.A.	—do—	—do—	209.00
403.	RED BUSH	—do—	—do—	108.00
404.	REDUCER	SINGLE STAGE 160 mm x140 mm	—do—	170.00
405.	RED F.T.A.	—do—	—do—	303.00
406.	RED BUSH	—do—	—do—	157.00
407.	REDUCER	SINGLE STAGE 180 mm x160mm.	—do—	310.00
408.	RED BUSH TRD	SINGLE STAGE 63mmx40mm	—do—	45.00
409.	RED ELBOW O/S TRD	SINGLE STAGE 75mmX63mm	—do—	138.00
410.	RED TEE	—do—	—do—	91.00
411.	RED TEE TRD	—do—	—do—	110.00

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B. Ronge

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
379.	RED ELBOW O/S (TRD)	SINGLE STAGE 32mmX25mm	As Per requirement	15.00
380.	RED TEE	—do—	—do—	22.00
381.	RED MTA O/S(TRD)	—do—	—do—	12.00
382.	RED ELBOW O/S (TRD)	SINGLE STAGE 40"X32"	—do—	24.00
383.	RED MTA O/S TRD	—do—	—do—	26.00
384.	RED ELBOW O/S (TRD)	SINGLE STAGE 50mmX40mm.	—do—	43.00
385.	RED MTA O/S(TRD)	—do—	—do—	45.00
386.	RED ELBOW O/S (TRD)	SINGLE STAGE 63"X50"	—do—	77.00
387.	RED MTA O/S(TRD)	—do—	—do—	79.00
388.	REDUCER	SINGLE STAGE 75mmx63mm	—do—	30.00
389.	RED F.T.A.	—do—	—do—	61.00
390.	RED F.T.A. GAURAV	—do—	—do—	50.00
391.	RED BUSH	—do—	—do—	27.00
392.	RED BUSH TRD	—do—	—do—	44.00
393.	RED ELBOW	SINGLE STAGE 75mmx63mm	—do—	118.00
394.	REDUCER	SINGLE STAGE 90 mm x75 mm	—do—	54.00
395.	RED F.T.A.	—do—	—do—	81.00
396.	RED F.T.A. GAURAV	SINGLE STAGE 90 mm x75 mm	—do—	70.00
397.	RED BUSH	—do—	—do—	42.00
398.	REDUCER	SINGLE STAGE 110 mm x90 mm	—do—	63.00
399.	RED F.T.A.	—do—	—do—	138.00
400.	RED BUSH	—do—	—do—	86.00
401.	REDUCER	SINGLE STAGE 140 mm x110 mm	—do—	114.00
402.	RED F.T.A.	—do—	—do—	209.00
403.	RED BUSH	—do—	—do—	108.00
404.	REDUCER	SINGLE STAGE 160 mm x140 mm	—do—	170.00
405.	RED F.T.A.	—do—	—do—	303.00
406.	RED BUSH	—do—	—do—	157.00
407.	REDUCER	SINGLE STAGE 180 mm x160mm.	—do—	310.00
408.	RED BUSH TRD	SINGLE STAGE 63mmx40mm	—do—	45.00
409.	RED ELBOW O/S TRD	SINGLE STAGE 75mmX63mm	—do—	138.00
410.	RED TEE	—do—	—do—	91.00
411.	RED TEE TRD	—do—	—do—	110.00

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B. Ronge

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier : M/s. [illegible] Vidiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
412.	RED MTA GAURAV	SINGLE STAGE 75mmX63mm	As Per requirement	40.00
413.	RED MTA	—do—	—do—	56.00
414.	RED MTA (Both Side Trd)	—do—	—do—	100.00
415.	RED ELBOW 90S TRD	SINGLE STAGE 90mmX75mm	—do—	139.00
416.	RED TEE	—do—	—do—	151.00
417.	RED TEE TRD	SINGLE STAGE 90mmX75mm	—do—	199.00
418.	RED MTA GAURAV	—do—	—do—	61.00
419.	RED MTA	—do—	—do—	76.00
420.	RED TEE	SINGLE STAGE 110mmX90mm	—do—	233.00
421.	RED TEE TRD	—do—	—do—	333.00
422.	RED TEE	SINGLE STAGE 140mmX110mm	—do—	276.00
423.	RED TEE W/DOOR	—do—	—do—	369.00
424.	RED TEE	SINGLE STAGE 160mmX140mm	—do—	410.00
425.	RED TEE W/DOOR	—do—	—do—	593.00
426.	REDUCER	DOUBLE STAGE 32mmx20mm	—do—	6.00
427.	RED BUSH	—do—	—do—	6.00
428.	RED F.T.A	—do—	—do—	10.00
429.	RED TEE	—do—	—do—	22.00
430.	RED TEE TRD	—do—	—do—	26.00
431.	REDUCER	DOUBLE STAGE 40mmx25mm	—do—	12.00
432.	RED BUSH	—do—	—do—	11.00
433.	RED F.T.A	—do—	—do—	19.00
434.	REDUCER	DOUBLE STAGE 50mmx32mm	—do—	15.00
435.	RED BUSH	—do—	—do—	15.00
436.	RED F.T.A	—do—	—do—	33.00
437.	RED TEE	—do—	—do—	29.00
438.	FOUR WAY TEE	—do—	—do—	72.00
439.	REDUCER	DOUBLE STAGE 75mmx50mm	—do—	30.00
440.	RED BUSH	DOUBLE STAGE 75mmx50mm	—do—	36.00
441.	REDUCER	DOUBLE STAGE 90mmX63mm	—do—	45.00
442.	RED BUSH	—do—	—do—	47.00
443.	RED F.T.A	—do—	—do—	93.00
444.	RED TEE	—do—	—do—	162.00
445.	RED TEE TRD	—do—	—do—	214.00
446.	RED M.T.A.	—do—	—do—	76.00

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B. Ronge

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
447.	REDUCER	DOUBLE STAGE 110mmX75mm	As Per requirement	71.00
448.	RED BUSH	—do—	—do—	92.00
449.	RED TEE	—do—	—do—	240.00
450.	RED TEE (TRD)	—do—	—do—	330.00
451.	RED M.T.A.	—do—	—do—	91.00
452.	REDUCER	DOUBLE STAGE 110mmX90mm	—do—	76.00
453.	RED TEE	—do—	—do—	231.00
454.	RED TEE W/DOOR	—do—	—do—	315.00
455.	REDUCER	DOUBLE STAGE 160mmX110mm	—do—	152.00
456.	RED TEE	—do—	—do—	368.00
457.	RED TEE W/DOOR	—do—	—do—	560.00
458.	REDUCER	DOUBLE STAGE 200mmX160mm	—do—	342.00
459.	RED TEE	—do—	—do—	1358.00
460.	RED TEE W/DOOR	—do—	—do—	1666.00
461.	REDUCER	DOUBLE STAGE 250mmX200mm	—do—	566.00
462.	RED TEE	—do—	—do—	2371.00
463.	REDUCER	DOUBLE STAGE 200mmX180mm	—do—	362.00
464.	REDUCER	TRIPLE STAGE 50mmx25mm	—do—	16.00
465.	REDUCER	DOUBLE STAGE 200mmX180mm	—do—	362.00
466.	REDUCER	TRIPLE STAGE 50mmx25mm	—do—	16.00
467.	RED F.T.A	—do—	—do—	40.00
468.	RED TEE	—do—	—do—	29.00
469.	FOUR WAY TEE	—do—	—do—	33.00
470.	REDUCER	TRIPLE STAGE 90mmx50mm	—do—	50.00
471.	REDUCER	TRIPLE STAGE 110mmx50mm	—do—	73.00
472.	REDUCER	TRIPLE STAGE 110mmx63mm	—do—	68.00
473.	RED M.T.A.	—do—	—do—	135.00
474.	RED TEE	—do—	—do—	246.00
475.	RED TEE (TRD)	—do—	—do—	351.00
476.	REDUCER	TRIPLE STAGE 140mmx75mm	—do—	105.00
477.	REDUCER	TRIPLE STAGE 160mmX90mm	—do—	185.00
478.	RED TEE	—do—	—do—	429.00
479.	REDUCER	TRIPLE STAGE 160mmX75mm	—do—	185.00

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B. Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
480.	REDUCER	TRIPLE STAGE 180mmX110mm	As Per requirement	297.00
481.	REDUCER	TRIPLE STAGE 200mmX110mm	—do—	330.00
482.	RED TEE	—do—	—do—	1435.00
483.	RED TEE W/DOOR	—do—	—do—	1714.00
484.	REDUCER	TRIPLE STAGE 200mmX90mm	—do—	330.00
485.	REDUCER	TRIPLE STAGE 200mmX140m.	—do—	1358.00
486.	RED TEE	TRIPLE STAGE 200mmX140m.	—do—	1666.00
487.	RED TEE W/DOOR	TRIPLE STAGE 200mmX140m.	—do—	50.00
488.	RED TEE	MULTI STATE 63mmx20mm	—do—	57.00
489.	FOUR WAY TEE	—do—	—do—	52.00
490.	RED TEE (TRD)	—do—	—do—	50.00
491.	RED TEE	MULTI STATE 63mmx25mm	—do—	59.00
492.	FOUR WAY TEE	—do—	—do—	57.00
493.	RED TEE (TRD)	MULTI STATE 63mmx25mm	—do—	39.00
494.	REDUCER	MULTI STATE 63mmx32mm	—do—	50.00
495.	RED TEE	—do—	—do—	59.00
496.	FOUR WAY TEE	—do—	—do—	59.00
497.	RED TEE (TRD)	—do—	—do—	61.00
498.	RED TEE	MULTI STATE 75mmx20mm	—do—	58.00
499.	RED TEE (TRD)	—do—	—do—	61.00
500.	RED TEE	MULTI STATE 75mmx25mm	—do—	60.00
501.	RED TEE (TRD)	—do—	—do—	61.00
502.	RED TEE	MULTI STATE 75mmX32mm	—do—	58.00
503.	RED TEE (TRD)	—do—	—do—	61.00
504.	REDUCER	MULTI STATE 75mmX40mm	—do—	48.00
505.	RED TEE	MULTI STATE 90mmX20mm	—do—	66.00
506.	RED TEE (TRD)	—do—	—do—	73.00
507.	RED TEE	MULTI STATE 90mmX25mm	—do—	66.00
508.	RED TEE (TRD)	—do—	—do—	72.00
509.	RED TEE	MULTI STATE 90mmX32mm	—do—	66.00
510.	RED TEE (TRD)	—do—	—do—	72.00

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B-Range

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
511.	RED TEE	MULTI STATE 110mmX20mm	As Per requirement	96.00
512.	FOUR WAY TEE	MULTI STATE 110mmX20mm	—do—	105.00
513.	RED TEE (TRD)	—do—	—do—	90.00
514.	RED TEE	MULTI STATE 110mmX25mm	—do—	96.00
515.	FOUR WAY TEE	—do—	—do—	105.00
516.	RED TEE (TRD)	—do—	—do—	90.00
517.	REDUCER	MULTI STATE 110mmX32mm	—do—	111.00
518.	RED TEE	MULTI STATE 110mmX32mm	—do—	96.00
519.	FOUR WAY TEE	—do—	—do—	105.00
520.	RED TEE (TRD)	—do—	—do—	90.00
521.	REDUCER	MULTI STATE 110mmX40mm	—do—	105.00
522.	REDUCER	ULTI STATE 50mmX20mm	—do—	17.00
523.	RED TEE	—do—	—do—	27.00
524.	FOUR WAY TEE	—do—	—do—	33.00
525.	REDUCER	MULTI STATE 40mmX20mm	—do—	14.00
526.	75MM SWR 3 MTR PIPE	3MTR	—do—	227.00
527.	110MM SWR 3MTR PIPE	3 MTR	—do—	404.00
528.	UPVC PIPE/ EASY FIT PIPE	1/2" 3 MTR	—do—	116.00
529.	UPVC PIPE / EASY FIT PIPE	¾' 3 MTR	—do—	183.00
530.	UPVC PIPE / EASY FIT PIPE	1" 3 MTR	—do—	231.00
531.	UPVC PIPE / EASY FIT PIPE	1 ¼" 3 MTR	—do—	337.00
532.	UPVC PIPE / EASY FIT PIPE	1½" 3 MTR	—do—	419.00
533.	UPVC PIPE / EASY FIT PIPE	2" 3 MT'3 MTR	—do—	578.00
534.	CPVC PIPE	½" 3 MTR	—do—	173.00
535.	CPVC PIPE	¾" 3 MTR	—do—	221.00
536.	CPVC PIPE	1" 3 MTR	—do—	270.00
537.	CPVC PIPE	1¼" 3 MTR	—do—	376.00
538.	CPVC PIPE	1½" 3 MTR	—do—	472.00
539.	CPVC PIPE	2" 3 MTR	—do—	713.00
540.	GI PIPE	½" 6 MTR	—do—	855.00
541.	GI PIPE	¾"6 MTR	—do—	1056.00
542.	GI PIPE	1"6 MTR	—do—	1217.00

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B. Pange

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
543.	GI PIPE	1¼"6 MTR	As Per requirement	1438.00
544.	GI PIPE	1½"6 MTR	—do—	1549.00
545.	GI PIPE	2" 6 MTR	—do—	1991.00
546.	PVC PIPE	20 MM 6 MTR	—do—	89.00
547.	PVC PIPE	25 MM 6 MTR	—do—	128.00
548.	PVC PIPE	32 MM 6 MTR	—do—	178.00
549.	PVC PIPE	40 MM 6 MTR	—do—	216.00
550.	6 KG PVC PIPE	50 MM 6 MTR	—do—	265.00
551.	4 KG PVC PIPE	63 MM 6 MTR	—do—	305.00
552.	6 KG PVC PIPE	—do— 6 MTR	—do—	413.00
553.	4 KG PVC PIPE	75 MM 6 MTR	—do—	403.00
554.	6 KG PVC PIPE	—do— 6 MTR	—do—	606.00
555.	4 KG PVC PIPE	90 MM 6 MTR	—do—	570.00
556.	6 KG PVC PIPE	—do— 6 MTR	—do—	856.00
557.	4 KG PVC PIPE	110 MM 6 MTR	—do—	788.00
558.	6 KG PVC PIPE	—do— 6 MTR	—do—	1231.00
559.	4 KG PVC PIPE	140 MM 6 MTR	—do—	1299.00
560.	6 KG PVC PIPE	—do— 6 MTR	—do—	1959.00
561.	GARDEN PIPE	½ " 30 MTR	—do—	738.00
562.	GARDEN PIPE	¾" 30 MTR	—do—	1083.00
563.	GARDEN PIPE	1" 30 MTR	—do—	1280.00
564.	PVC BALL VALVE	1"	—do—	118.00
565.	PVC BALL VALVE	1¼"	—do—	141.00
566.	PVC BALL VALVE	1½"	—do—	177.00
567.	PVC BALL VALVE	2"	—do—	294.00
568.	PVC BALL VALVE	2.5"	—do—	412.00
569.	4 kgf/cm2	FABRICATED COPLAR 63MM	—do—	15.00
570.	6 kgf/cm2	—do—	—do—	25.00
571.	4 kgf/cm2	FABRICATED COPLAR 75 mm	—do—	25.00
572.	6 kgf/cm2	—do—	—do—	34.00
573.	4 kgf/cm2	FABRICATED COPLAR 90MM	—do—	30.00
574.	6 kgf/cm2	—do—	—do—	49.00
575.	4 kgf/cm2	FABRICATED COPLAR 110MM	—do—	44.00
576.	6 kgf/cm2	—do—	—do—	79.00
577.	4 kgf/cm2	FABRICATED COPLAR 140MM	—do—	98.00
578.	6 kgf/cm2	—do—	—do—	157.00
579.	4 kgf/cm2	FABRICATED COPLAR 160MM	—do—	148.00
580.	6 kgf/cm2	—do—	—do—	227.00

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B Ponge

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
581.	4 kgf/cm2	FABRICATED COPLAR 180MM	As Per requirement	295.00
582.	6 kgf/cm2	—do—	—do—	413.00
583.	4 kgf/cm2	FABRICATED COPLAR 200MM	—do—	375.00
584.	6 kgf/cm2	—do—	—do—	511.00
585.	4 kgf/cm2	FABRICATED BEND 63MM	—do—	44.00
586.	6 kgf/cm2	—do—	—do—	68.00
587.	4 kgf/cm2	FABRICATED BEND 75MM	—do—	59.00
588.	6 kgf/cm2	—do—	—do—	89.00
589.	4 kgf/cm2	FABRICATED BEND 90MM	—do—	98.00
590.	6 kgf/cm2	—do—	—do—	148.00
591.	4 kgf/cm2	FABRICATED BEND 110MM	—do—	178.00
592.	6 kgf/cm2	FABRICATED BEND 110MM	—do—	256.00
593.	4 kgf/cm2	FABRICATED BEND 140MM	—do—	385.00
594.	6 kgf/cm2	FABRICATED BEND 140MM	—do—	591.00
595.	4 kgf/cm2	FABRICATED BEND 160MM	—do—	689.00
596.	6 kgf/cm2	—do—	—do—	1034.00
597.	4 kgf/cm2	FABRICATED BEND 180MM	—do—	1083.00
598.	6 kgf/cm2	—do—	—do—	1673.00
599.	4 kgf/cm2	FABRICATED BEND 200MM	—do—	1280.00
600.	6 kgf/cm2	—do—	—do—	1870.00
601.	C.P. BIB COCK SHORT BODY	15mm	—do—	486.00
602.	C.P. BIB COCK LONG BODY	15mm	—do—	601.00
603.	C.P. BIB COCK LIGHT	15mm	—do—	566.00
604.	C.P. BIB COCK MEDIUM	15mm	—do—	636.00
605.	C.P. ANGLE COCK 'SHORT TRREAD'	15mm	—do—	462.00
606.	C.P. STOP COCK	15mm	—do—	520.00
607.	C.P.WASTE COUPLING HALF THREAD/FULL	32mm	—do—	197.00
608.	C.P.JALI 4"/3"	32mm	—do—	92.00
609.	WASTE PIPE	32mm	—do—	34.00
610.	C.P.TAPER COCK	1/2"	—do—	197.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
611.	PVC BALL VALVE	3"	As Per requirement	530.00
612.	4" PVC BALL VALVE	4"	—do—	883.00
613.	COPLAR	75 MM RRJ	—do—	128.00
614.	COPLAR	90 MM RRJ	—do—	167.00
615.	COPLAR	110 MM RRJ	—do—	236.00
616.	COPLAR	140 MM RRJ	—do—	375.00
617.	COPLAR	160 MM RRJ	—do—	511.00
618.	COPLAR	180 MM RRJ	—do—	886.00
619.	COPLAR	200 MM RRJ	—do—	1034.00
620.	Piler Cocok	½" Piller Cock Spindel	—do—	139.00
621.	TAPLON TAPE CHAMPION	12 MM	—do—	37.00
622.	TAKI Three Layer	500 Litters.	—do—	4000.00
623.	TAKI Three Layer	1000 Litter.	—do—	8000.00
624.	TAKI Three Layer	1500 Litter.	—do—	12000.00
625.	TAKI Three Layer	2000 Litter.	—do—	16000.00
626.	TAKI Three Layer	3000 Litter.	—do—	24000.00
627.	TAKI Three Layer	5000 Litter.	—do—	40000.00
628.	BLUE SOCTION HOSE RATE PER MTR	2"	—do—	139.00
629.	BLUE SOCTION HOSE RATE PER MTR	2.5"	—do—	208.00
630.	BLUE SOCTION HOSE RATE PER MTR	3"	—do—	255.00
631.	BLUE SOCTION HOSE RATE PER MTR	4"	—do—	486.00
632.	NUTE BOLT PER KG	-	—do—	113.00
633.	KHILE PER KG	-	—do—	104.00
634.	Coupler	½" UPVC	—do—	9.00
635.	Elbow	—do—	—do—	12.00
636.	Equal Tee	—do—	—do—	15.00
637.	Union	—do—	—do—	30.00
638.	End Plug	—do—	—do—	5.00
639.	Extended End Plug	—do—	—do—	11.00
640.	End Cap	—do—	—do—	7.00
641.	Pipe Clip	—do—	—do—	5.00
642.	Cross Over	—do—	—do—	41.00
643.	Bend 90	—do—	—do—	20.00
644.	Male Thread Adaptor	—do—	—do—	7.00
645.	Female Thread Adaptor	—do—	—do—	9.00
646.	Tank Connector	—do—	—do—	61.00
647.	Coupler	¾" UPVC	—do—	12.00
648.	Elbow	—do—	—do—	17.00
649.	Equal Tee	—do—	—do—	24.00
650.	Union	—do—	—do—	41.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier :- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
651.	End Plug	¾" UPVC	As Per requirement	7.00
652.	Extended End Plug	—do—	—do—	13.00
653.	End Cap	—do—	—do—	9.00
654.	Pipe Clip	—do—	—do—	7.00
655.	Cross Over	—do—	—do—	50.00
656.	Bend 90	—do—	—do—	30.00
657.	Male Thread Adaptor	—do—	—do—	10.00
658.	Female Thread Adaptor	—do—	—do—	12.00
659.	Tank Connector	—do—	—do—	71.00
660.	Coupler	1"	—do—	19.00
661.	Elbow	—do—	—do—	27.00
662.	Equal Tee	—do—	—do—	35.00
663.	Union	—do—	—do—	56.00
664.	End Plug	—do—	—do—	10.00
665.	End Cap	—do—	—do—	12.00
666.	Pipe Clip	—do—	—do—	7.00
667.	Cross Over	—do—	—do—	65.00
668.	Bend 90	—do—	—do—	41.00
669.	Male Thread Adaptor	—do—	—do—	15.00
670.	Female Thread Adaptor	—do—	—do—	17.00
671.	Tank Connector	—do—	—do—	91.00
672.	Coupler	1 ¼" UPVC	—do—	26.00
673.	Elbow	—do—	—do—	39.00
674.	Equal Tee	—do—	—do—	50.00
675.	Union	1 ¼" UPVC	—do—	76.00
676.	End Plug	—do—	—do—	17.00
677.	End Cap	—do—	—do—	21.00
678.	Pipe Clip	—do—	—do—	10.00
679.	Bend 90	—do—	—do—	71.00
680.	Male Thread Adaptor	—do—	—do—	22.00
681.	Female Thread Adaptor	—do—	—do—	26.00
682.	Tank Connector	—do—	—do—	141.00
683.	Coupler	1 ½" UPVC	—do—	35.00
684.	Elbow	—do—	—do—	50.00
685.	Equal Tee	—do—	—do—	65.00
686.	Union	—do—	—do—	110.00
687.	End Plug	—do—	—do—	20.00
688.	End Cap	—do—	—do—	25.00
689.	Pipe Clip	—do—	—do—	11.00
690.	Bend 90	—do—	—do—	91.00
691.	Male Thread Adaptor	—do—	—do—	26.00
692.	Female Thread Adaptor	—do—	—do—	30.00
693.	Tank Connector	—do—	—do—	181.00
694.	Coupler	2" UPVC	—do—	50.00
695.	Elbow	—do—	—do—	76.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
696.	Equal Tee	2" UPVC	As Per requirement	106.00
697.	Union	—do—	—do—	161.00
698.	End Cap	—do—	—do—	35.00
699.	Pipe Clip	—do—	—do—	15.00
700.	Bend 90	—do—	—do—	136.00
701.	Male Thread Adaptor	—do—	—do—	41.00
702.	Female Thread Adaptor	—do—	—do—	45.00
703.	Tank Connector	—do—	—do—	281.00
704.	Thareded Tee	½" UPVC	—do—	22.00
705.	Thareded Tee	¾" x1/2" UPVC	—do—	26.00
706.	Thareded Tee	¾" UPVC	—do—	25.00
707.	Thareded Tee	1" UPVC	—do—	41.00
708.	Thareded Tee	1" x ½" UPVC	—do—	36.00
709.	Thareded Tee	1"x ¾" UPVC	—do—	45.00
710.	Thareded Elbow	½" UPVC	—do—	14.00
711.	Thareded Elbow	¾" x ½" UPVC	—do—	26.00
712.	Thareded Elbow	¾" UPVC	—do—	20.00
713.	Thareded Elbow	1" UPVC	—do—	30.00
714.	Thareded Elbow	1"x ¾" UPVC	—do—	42.00
715.	Reducer	¾" x ½" UPVC	—do—	13.00
716.	Reducer Bush	—do—	—do—	5.00
717.	Reducing Tee	—do—	—do—	26.00
718.	Reducer	1" x ½" UPVC	—do—	26.00
719.	Reducer Bush	—do—	—do—	12.00
720.	Reducing Tee	—do—	—do—	42.00
721.	Reducer	1" x 3/4" UPVC	—do—	21.00
722.	Reducer Bush	—do—	—do—	7.00
723.	Reducing Tee	—do—	—do—	42.00
724.	Reducer Bush	1 ¼"x½" UPVC	—do—	27.00
725.	Reducer Bush	1 ¼" x¾" UPVC	—do—	24.00
726.	Reducer	1 ¼" x 1" UPVC	—do—	30.00
727.	Reducer Bush	1 ¼" x 1" UPVC	—do—	13.00
728.	Reducing Tee	—do—	—do—	68.00
729.	Reducer Bush	1 ½" x ½" UPVC	—do—	27.00
730.	Reducing Tee	—do—	—do—	85.00
731.	Reducer Bush	1 ½"x ¾" UPVC	—do—	35.00
732.	Reducing Tee	—do—	—do—	85.00
733.	Reducer	1 ½" x 1" UPVC	—do—	45.00
734.	Reducer Bush	—do—	—do—	26.00
735.	Reducing Tee	—do—	—do—	92.00
736.	Reducer	1 ½" x1 ¼" UPVC	—do—	39.00
737.	Reducer Bush	—do—	—do—	13.00
738.	Reducing Tee	—do—	—do—	96.00
739.	Reducer Bush	2" x ¾" UPVC	—do—	48.00
740.	Reducer Bush	2" x ½" UPVC	—do—	33.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
741.	Reducer	2" x 1" UPVC	As Per requirement	66.00
742.	Reducer Bush	—do—	—do—	49.00
743.	Reducing Tee	—do—	—do—	154.00
744.	Reducer	2" x 1 ¼" UPVC	—do—	67.00
745.	Reducer Bush	—do—	—do—	46.00
746.	Reducing Tee	—do—	—do—	143.00
747.	Reducer	2" x 1½" UPVC	—do—	68.00
748.	Reducing Tee	—do—	—do—	149.00
749.	Reducer Bush	—do—	—do—	33.00
750.	Male Threaded Adaptor	½" UPVC	—do—	169.00
751.	Male Threaded Elbow	—do—	—do—	98.00
752.	Male Threaded Tee	—do—	—do—	109.00
753.	Female Threaded Adaptor	—do—	—do—	109.00
754.	Female Threaded Elbow	—do—	—do—	116.00
755.	Female Threaded Tee	—do—	—do—	120.0
756.	Male Threaded Elbow	¾" x ½" UPVC	—do—	113.0
757.	Male Threaded Tee	—do—	—do—	168.00
758.	Female Threaded Elbow	—do—	—do—	80.00
759.	Female Threaded Adaptor	—do—	—do—	161.00
760.	Female Threaded Tee	—do—	—do—	136.00
761.	Male Threaded Adaptor	¾" UPVC	—do—	251.00
762.	Male Threaded Elbow	—do—	—do—	172.00
763.	Male Threaded Tee	—do—	—do—	179.00
764.	Female Threaded Adaptor	—do—	—do—	140.00
765.	Female Threaded Elbow	—do—	—do—	150.00
766.	Female Threaded Tee	—do—	—do—	155.00
767.	Male Threaded Adaptor	1"	—do—	294.00
768.	Female Threaded Adaptor	—do—	—do—	180.00
769.	Male Threaded Adaptor	1 ¼" UPVC	—do—	495.00
770.	Female Threaded Adaptor	—do—	—do—	393.00
771.	Solution EASY FIT	25ML	—do—	59.00
772.	Solution EASY FIT	50ML	—do—	126.00
773.	Solution EASY FIT	100ML	—do—	171.00
774.	Solution EASY FIT	250ML	—do—	245.00
775.	Solution EASY FIT	500ML	—do—	442.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier : M/s R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
776.	Solution EASY FIT	1 Ltr.	As Per requirement	728.00
777.	Ball Valve	½"	—do—	92.00
778.	Ball Valve	¾"	—do—	136.00
779.	Ball Valve	1"	—do—	185.00
780.	Ball Valve	1 ¼"	—do—	422.00
781.	Ball Valve	1 ½"	—do—	641.00
782.	Ball Valve	2"	—do—	878.00
783.	Flange	2"	—do—	120.00
784.	Flange	2.5"	—do—	156.00
785.	Flange	3"	—do—	192.00
786.	Flange	4"	—do—	336.00
787.	Flange	2 ½" x 2"	—do—	143.00
788.	Flange	3" x 2"	—do—	168.00
789.	Flange	3" x 2 ½"	—do—	168.00
790.	Flange	4" x 2"	—do—	336.00
791.	Flange	4" x 2 ½"	—do—	336.00
792.	Flange	4" x 3"	—do—	336.00
793.	Auto switch SYCON	-	—do—	1581.00
794.	Auto switch MEGHA INT	-	—do—	789.00
795.	starter DOL LTLK up to 5 hp	-	—do—	1654.00
796.	starter DOL LTLK up to 7.5 hp	-	—do—	1774.00
797.	Bend GI	2" GI	—do—	180.00
798.	Bend GI	2.5" GI	—do—	336.00
799.	Bend GI	3" GI	—do—	360.00
800.	Bend GI	4" GI	—do—	935.00
801.	Bend GI with nipple welded	2" GI	—do—	263.00
802.	Bend GI with nipple welded	2.5" GI	—do—	383.00
803.	Bend GI with nipple welded	3" GI	—do—	516.00
804.	cock	16 mm	—do—	54.00
805.	TEE	—do—	—do—	6.00
806.	Elbow	—do—	—do—	6.00
807.	latral jain 400 mtr	—do—	—do—	4674.00
808.	latral kothari 400 mtr inline	—do—	—do—	4794.00
809.	Joiner5	—do—	—do—	3.00
810.	Driper kothari	—do—	—do—	3.00
811.	M seal	—do—	—do—	12.00
812.	M seal	—do—	—do—	36.00
813.	Taparuya pakkad	—do—	—do—	274.00
814.	Tapari Screw Driver	—do—	—do—	80.0

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
815.	Still Nipple	½'' x 2"	As Per requirement	60.00
816.	Still Nipple	½'' x 3"	—do—	83.00
817.	Still Nipple	½'' x 4"	—do—	102.00
818.	Still Nipple	½'' x 6"	—do—	180.00
819.	PATRA CLIP	½"	—do—	4.00
820.	PATRA CLIP	¾"	—do—	5.00
821.	PATRA CLIP	1"	—do—	7.00
822.	PATRA CLIP	1¼ "	—do—	9.00
823.	PATRA CLIP	1 ½ "	—do—	10.00
824.	PATRA CLIP	2"	—do—	14.00
825.	PATRA CLIP	2 ½"	—do—	17.00
826.	PATRA CLIP	3"	—do—	19.00
827.	PATRA CLIP	4"	—do—	21.00
828.	CPVC PATRA CLIP	½"	—do—	7.00
829.	CPVC PATRA CLIP	¾"	—do—	10.00
830.	CPVC PATRA CLIP	1"	—do—	12.00
831.	CPVC PATRA CLIP	1 ¼"	—do—	14.00
832.	CPVC PATRA CLIP	1 ½"	—do—	14.00
833.	KACHHA RUBBER TUKADA	3"	—do—	14.00
834.	CHIKAT TAPE	-	—do—	96.00
835.	HASTI NIPAL	1"	—do—	107.00
836.	HASTI NIPAL	1 ¼"	—do—	156.00
837.	HASTI NIPAL	1 ½"	—do—	216.00
838.	HASTI NIPAL	2"	—do—	19.00
839.	HASTI NIPAL	2 ½"	—do—	19.00
840.	CLIP HOSE	1"	—do—	29.00
841.	CLIP HOSE	1 ½"	—do—	29.00
842.	CLIP HOSE	2"	—do—	29.00
843.	CLIP HOSE	2 ½"	—do—	29.00
844.	CLIP HOSE	3"	—do—	48.00
845.	CLIP HOSE	3 ½"	—do—	60.00
846.	CLIP HOSE	4"	—do—	16.00
847.	RUBBER PACKING	2"	—do—	16.00
848.	RUBBER PACKING	2 ½"	—do—	17.00
849.	RUBBER PACKING	3"	—do—	20.00
850.	RUBBER PACKING	4"	—do—	383.00
851.	NRV CI	1 ½"	—do—	935.00
852.	1 ½" NRV GM (HOZ/VRT)	—do—	—do—	2936.00
853.	32 AMP CHANGE OVER SWICH TY KITKAT	-	—do—	

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
854.	32 AMP CHANGE OVER SWICH TY MCB	-	As Per requirement	4254.00
855.	63 AMP CHANGE OVER SWICH TY KITKAT	-	—do—	5812.00
856.	COUPLER	½ " CPVC	—do—	13.00
857.	ELBOW	—do—	—do—	17.00
858.	ELBOW 45 DEGREE	—do—	—do—	18.00
859.	EQUAL TEE	—do—	—do—	20.00
860.	UNION	—do—	—do—	154.00
861.	END CAP	—do—	—do—	10.00
862.	FOUR WAY TEE	—do—	—do—	33.00
863.	CROSS OVER	—do—	—do—	110.00
864.	MTA	—do—	—do—	16.00
865.	FTA	—do—	—do—	22.00
866.	COUPLER	¾ " CPVC	—do—	24.00
867.	ELBOW	—do—	—do—	29.00
868.	ELBOW 45 DEGREE	—do—	—do—	34.00
869.	EQUAL TEE	—do—	—do—	45.00
870.	UNION	—do—	—do—	163.00
871.	END CAP	—do—	—do—	27.00
872.	FOUR WAY TEE	—do—	—do—	66.00
873.	CROSS OVER	—do—	—do—	166.00
874.	MTA	—do—	—do—	25.00
875.	FTA	¾ " CPVC	—do—	32.00
876.	COUPLER	1" CPVC	—do—	39.00
877.	ELBOW	—do—	—do—	55.00
878.	ELBOW 45 DEGREE	—do—	—do—	59.00
879.	EQUAL TEE	—do—	—do—	72.00
880.	UNION	—do—	—do—	293.00
881.	END CAP	—do—	—do—	27.00
882.	CROSS OVER	—do—	—do—	195.00
883.	MTA	—do—	—do—	41.00
884.	FTA	1" CPVC	—do—	50.00
885.	COUPLER	1 ¼ " CPVC	—do—	65.00
886.	ELBOW	—do—	—do—	105.00
887.	ELBOW 45 DEGREE	—do—	—do—	110.00
888.	EQUAL TEE	—do—	—do—	129.00
889.	UNION	—do—	—do—	403.00
890.	END CAP	—do—	—do—	45.00
891.	MTA	—do—	—do—	59.00
892.	FTA	—do—	—do—	113.00
893.	COUPLER	1 ½ " CPVC	—do—	94.00
894.	ELBOW	—do—	—do—	155.00
895.	ELBOW 45 DEGREE	—do—	—do—	166.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
896.	EQUAL TEE	1 ½ " CPVC	As Per requirement	197.00
897.	UNION	—do—	—do—	606.00
898.	END CAP	—do—	—do—	68.00
899.	MTA	—do—	—do—	92.00
900.	FTA	—do—	—do—	157.00
901.	COUPLER	2"	—do—	216.00
902.	ELBOW	—do—	—do—	325.00
903.	EQUAL TEE	—do—	—do—	409.00
904.	UNION	2" CPVC	—do—	522.00
905.	END CAP	—do—	—do—	138.00
906.	MTA	—do—	—do—	163.00
907.	FTA	—do—	—do—	227.00
908.	TRANSITION BUSH	½ "X ½"	—do—	16.00
909.	TRANSITION BUSH	¾" X ¾"	—do—	22.00
910.	REDUCER	¾" X ½ "	—do—	24.00
911.	REDUCER BUSH	¾" X ½ "	—do—	22.00
912.	REDUCER TEE	—do—	—do—	14.00
913.	REDUSING MTA	—do—	—do—	51.00
914.	REDUSING ELBOW	—do—	—do—	32.00
915.	REDUSER	1"X ½ " CPVC	—do—	35.00
916.	REDUSING BUSH	1"X ½ " CPVC	—do—	32.00
917.	REDUSING TEE	—do—	—do—	28.00
918.	REDUSER	1"X ¾ " CPVC	—do—	40.00
919.	REDUCER BUSH	—do—	—do—	19.00
920.	REDUSING TEE	—do—	—do—	92.00
921.	REDUSER	1 ¼"X ½" CPVC	—do—	47.00
922.	REDUSING BUSH	—do—	—do—	92.00
923.	REDUSING TEE	—do—	—do—	141.00
924.	REDUSER	1 ¼"X ¾" CPVC	—do—	49.00
925.	REDUSING TEE	—do—	—do—	34.00
926.	REDUSING TEE	—do—	—do—	96.00
927.	REDUCER	1 ¼"X 1" CPVC	—do—	71.00
928.	REDUSING BUSH	—do—	—do—	31.00
929.	REDUSING TEE	—do—	—do—	137.00
930.	REDUCER	1 ½"X ½" CPVC	—do—	103.00
931.	REDUSING BUSH	—do—	—do—	77.00
932.	REDUSING TEE	—do—	—do—	190.00
933.	REDUCER	1 ½"X ¾" CPVC	—do—	125.00
934.	REDUSING BUSH	—do—	—do—	61.00
935.	REDUSING TEE	—do—	—do—	190.00
936.	REDUCER	1 ½"X 1" CPVC	—do—	121.00
937.	REDUSING BUSH	—do—	—do—	59.00
938.	REDUSING TEE	—do—	—do—	92.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
939.	REDUCER	1½"X1¼" CPVC	As Per requirement	110.00
940.	REDUSING BUSH	½"X1¼" CPVC	—do—	43.00
941.	REDUSING TEE	—do—	—do—	210.00
942.	REDUCER	2"X ½" CPVC	—do—	190.00
943.	REDUSING BUSH	—do—	—do—	226.00
944.	REDUSING TEE	—do—	—do—	412.00
945.	REDUCER	2"X ¾" CPVC	—do—	128.00
946.	REDUSING BUSH	—do—	—do—	116.00
947.	REDUSING TEE	—do—	—do—	362.00
948.	REDUCER	2" X 1" CPVC	—do—	195.00
949.	REDUSING BUSH	—do—	—do—	123.00
950.	REDUSING TEE	—do—	—do—	403.00
951.	REDUCER	2"X 1 ¼" CPVC	—do—	215.00
952.	REDUSING BUSH	—do—	—do—	117.00
953.	REDUSING TEE	—do—	—do—	392.00
954.	REDUCER	2"X 1 ½" CPVC	—do—	159.00
955.	REDUSING BUSH	—do—	—do—	152.00
956.	REDUSING TEE	—do—	—do—	409.00
957.	MTA	½ " CPVC	—do—	159.00
958.	FTA	—do—	—do—	150.00
959.	FT ELBOW	—do—	—do—	68.00
960.	FT TEE	—do—	—do—	87.00
961.	MTA	¾ "X ½ " CPVC	—do—	166.00
962.	FTA	¾ "X ½ " CPVC	—do—	89.00
963.	FT ELBOW	—do—	—do—	83.00
964.	FT TEE	—do—	—do—	97.00
965.	MTA	¾ " CPVC	—do—	212.00
966.	FTA	—do—	—do—	196.00
967.	FT ELBOW	—do—	—do—	89.00
968.	FTA	1"X ½ " CPVC	—do—	117.00
969.	FT ELBOW	—do—	—do—	146.00
970.	FT TEE	—do—	—do—	150.00
971.	MTA	1"	—do—	310.00
972.	FTA	—do—	—do—	271.00
973.	FT ELBOW	—do—	—do—	379.00
974.	MTA	1"X ¼" CPVC	—do—	679.00
975.	FTA	—do—	—do—	714.00
976.	SOLUTION	15ML	—do—	935.00
977.	SOLUTION	29.5 ML	—do—	155.00
978.	SOLUTION	59 ML	—do—	209.00
979.	SOLUTION	118 ML	—do—	299.00
980.	SOLUTION	237 ML	—do—	484.00
981.	SOLUTION	473 ML	—do—	799.00
982.	SOLUTION	946 ML	—do—	1405.00
983.	BALL VALVE	½ "	—do—	302.00

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Shri Vithal Education & Research Institute, Pandharpur

Name of supplier :- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
984.	BALL VALVE	¼"	As Per requirement	347.00
985.	BALL VALVE	1"	—do—	393.00
986.	BALL VALVE	1 ¼"	—do—	834.00
987.	BALL VALVE	1 ½"	—do—	1061.00
988.	BALL VALVE	2"	—do—	1364.00
989.	SANDAS BHANDE	-	—do—	1181.00
990.	URINAL BHANDE	-	—do—	984.00
991.	KAMODE BHANDE	-	—do—	1575.00
992.	FLASH TANK	-	—do—	1181.00
993.	FLASH TANK ASSAMBLY	-	—do—	591.00
994.	BASIN BHANDE	-	—do—	788.00
995.	CABLE 4 MM ISI	-	—do—	98.00
996.	CABLE 2.5 MM ISI	-	—do—	98.00
997.	CABLE 7/42	-	—do—	31.00
998.	CABLE 7/48	-	—do—	40.00
999.	CABLE 7/52	-	—do—	52.00
1000.	CABLE 7/64	-	—do—	72.00
1001.	OPENWELL SUB KIRLOSKAR	3 HP	—do—	18147.00
1002.	OPENWELL SUB KIRLOSKAR	5 HP	—do—	21550.00
1003.	OPENWELL SUB KIRLOSKAR	7.5 HP	—do—	28809.00
1004.	KIT KAT 32 AMP	32 AMP	—do—	136.00
1005.	KIT KAT 63 AMP	63 AMP	—do—	318.00
1006.	PANNLE BOX	-	—do—	1077.00
1007.	2" ADOPTOR	-	—do—	737.00
1008.	SPANNER	12"	—do—	182.00
1009.	SPANNER	24"	—do—	409.00
1010.	HEXA BLADE	BIG	—do—	11.00
1011.	OPEN WELL MOTOR	1.0 HP	—do—	7758.00
1012.	OPEN WELL MOTOR	0.5 HP	—do—	6869.00
1013.	PATTI PANA	-	—do—	107.00
1014.	RING PANA	-	—do—	193.00
1015.	PVC Pipe200 mm	1 mtr.	—do—	600.00
1016.	PIPE CUT	PER FEET	—do—	134.00
1017.	¾" SUCTION PIPE	PER MTR.	—do—	48.00
1018.	1" SUCTION PIPE	PER MTR.	—do—	64.00
1019.	1.25 SUCTION PIPE	PER MTR.	—do—	96.00
1020.	1.5" SUCTION PIPE	PER MTR.	—do—	112.00
1021.	4 KG PVC PIPE	160 MM 6 MTR	—do—	2035.00
1022.	6 KG PVC PIPE	160 MM 6 MTR	—do—	3001.00
1023.	2" UPVC PIPE KOTHARI	3 MTR	—do—	669.00
1024.	GASKET BOTTEL	PER NOS.	—do—	19.00

...27/

B.Range

Shri Vithal Education & Research Institute, Pandharpur

Name of supplier:- M/s. R.D. Kodhadiya, PPR

Sr. No.	Particulars	Specifications	Qty.	Price Quoted Per Unit Rs.
1025.	BASIN BRAKET	PER PAIR	As Per requirement	135.00
1026.	½" LK 2 IN 1 BIB COCK -H	PER NOS	—do—	1483.00
1027.	½" 2 IN 1 ANGLE COCK -H	PER NOS	—do—	978.00
1028.	½" CP PILLER COCK -H	PER NOS	—do—	1405.00
1029.	SHOWER LONG	PER NOS.	—do—	722.00
1030.	SCREW DRIVER	PER NOS	—do—	90.00
1031.	160mm SWR PIPE	160 MM	—do—	936.00
1032.	1" Ball Cock Brass	1"	—do—	715.00
1033.	1.5" Ball Cock Brass	1.5"	—do—	1482.00
1034.	PVC Cock	½"	—do—	100.00
1035.	Dr. Flex. 20 LTr.	20 Ltr.	—do—	2125.00
1036.	Singale Ph. Starter	Up to 2 HP	—do—	1825.00
1037.	Batter Fly Valve	5"	—do—	2850.00
1038.	Batter Fly Valve	6"	—do—	3150.00
1039.	Impleer	Mini	—do—	450.00
1040.	1 HP KBR Pump	1 HP	—do—	5850.00
1041.	Dr Flex. 10 Ltr.	10 Ltr.	—do—	1080.00

B-Ronge

(Dr. B.P.Ronge)
SECRETARY

7.1.4

Bills/Invoice for the Borewell Motor Rewinding work

Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)
Tel.: 9545553855,9545553601, Toll Free No.: 1800-3000-4131, E-mail: coe@sveri.ac.in, Web: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
NBA Accredited all eligible UG Programmes, NAAC Accredited Institute, Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune. ISO 9001-2015 Certified Institute

Ref No: COEPR/Store/2019-20/86(A) Date: 29/04/2019

To,
Shaikh Rewinding works,
Mahavir Nagar,
Pandharpur.

Sub: Work order for Rewinding Motor

Ref:- Your quotation dated 14/04/2019 and further negotiation

Dear Sir,

With the above reference, we are pleased to place the work order for Annual Maintenance Contract for Rewinding Motors. The details of the same are as given in **Annexure-I** attached herewith.

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 01/07/2019 to 31/07/2020.
2. Acceptance of material is subject to prior inspection and approval from our side.
3. Prices are inclusive of all taxes, duties, packing, forwarding and transportation up to our institute.
4. Warranty: Three Months comprehensive onsite warranty from the date of satisfactory demonstration.
5. Responsibility to test the faulty motor, give a report about the faulty, repair/rewind and confirm that the motor is working be done by you.
6. Delivery within two days.
7. Payment against the delivery of item, with satisfactory demonstration.

Thank you,

Yours faithfully,

B. Ronge

(Dr. B. P. Ronge)
PRINCIPAL

SVERI's
College of Engineering, Pandharpur
Annexure-I

Name of Rewinding: - Shaikh motor works, PPR.

Sr. No.	Particulars.s	Quantity in No.	Amount in Rs. Per Unit
Monoblock			
1.	Rewinding ½HP Motor	As Per Requirement	500.00
2.	Rewinding 1½HP Motor	As Per Requirement	800.00
3.	Rewinding 2 HP Motor	As Per Requirement	1000.00
4.	Rewinding 3 HP Motor	As Per Requirement	1100.00
	Submercible		
5.	Rewinding 1½ HP Motor single phase	As Per Requirement	1215.00
6.	Rewinding 2 HP Motor single phase	As Per Requirement	1305.00
7.	Rewinding 3 HP Motor	As Per Requirement	1500.00
8.	Rewinding 5 HP Motor	As Per Requirement	1900.00
9.	Rewinding 7 ½HP Motor	As Per Requirement	2500.00
10.	Rewinding 10 HP Motor	As Per Requirement	2900.00
Submercible Busing			
11.	36x50x40	As Per Requirement	220.00
12.	36x50x10	As Per Requirement	300.00
13.	28x20x50	As Per Requirement	350.00
14.	36x48x50	As Per Requirement	350.00
15.	38x40x40	As Per Requirement	230.00
Monoblock Bering			
16.	6202Z	As Per Requirement	95.00
17.	6203Z	As Per Requirement	105.00
18.	6204Z	As Per Requirement	140.00
19.	6205Z	As Per Requirement	170.00
20.	6206Z	As Per Requirement	280.00
21.	6304Z	As Per Requirement	150.00
22.	6305Z	As Per Requirement	200.00
23.	6306Z	As Per Requirement	290.00
24.	6307Z	As Per Requirement	330.00
25.	6308Z	As Per Requirement	490.00
26.	6309Z	As Per Requirement	750.00
Leth M/c Work			
27.	Soft Chavi Gala	As Per Requirement	150.00
28.	Soft Bering Gala	As Per Requirement	130.00
29.	Cover Slive	As Per Requirement	200.00
30.	Submersible Rotor Graiding and Cover Bush Boar	As Per Requirement	300.00
31.	Motor and Pump Fitting	As Per Requirement	300.00
32.	Soft out and Atya	As Per Requirement	200.00
33.	Repair of Jam Pump and Pump Fitting	As Per Requirement	350.00

B. Ronge
(Dr. B. P. Ronge)
PRINCIPAL

7.1.4

AMC Bills/Invoice for Maintenance of R.O. Plant

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by NAAC, Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/Store/2016-17/ 1823 Date: - 29/01/2017

To,
Water World Technologies,
55, Laxminarayan Colony,
Behind Sai Mandir, 100 ft Road,
Sangali – 416 416.

Sub: Annual Maintenance Contract (AMC) for our R.O Plants.

Ref:- 1. Order no. COEPR/ Store/2015-16/ 1662 (A) dated 10/01/2016.
2. Your letter dated 24/01/2017.

Dear Sir,

In continuation of the above subject, we are pleased to place an additional work order for Annual Maintenance Contract (AMC) for our R.O. Plants on call basis. The details of the same are as given in **Annexure-I**, attached herewith.

The order is subject to following Terms & Conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Price is inclusive of all taxes except the taxes specifically mentioned above, duties, packing, forwarding and transportation up to our institute, installation and successful demonstration.
3. You will have to visit our place on call basis, inspect the plant and perform the following:
   a) Filter cleaning.
   b) Handling leakage problem.
   c) Motor and other parts oiling.
   d) Indication about replacement of parts.
   e) Cleaning the membrane as per requirement.
4. Quantity of the materials as per the requirement.
5. Delivery: Door delivery within one week from the date of this order.
6. Payment against delivery.
7. The period of AMC shall be from 02/02/2017 to 31/01/2018.

Thank you,

Yours faithfully,

PRINCIPAL

COLLEGE OF ENGINEERING PANDHARPUR

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.: 7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by NAAC, Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/ Store/2016-17/

Date: -

Annexure- I

Sr. No.	Particulars	Unit	Rate in Rs.	VAT in %
1.	10" Spun Cartridges, Make Kemflow	Per No.	250.00	13.5
2.	20" Long Spun, Make: Kemflow	Per No.	450.00	13.5
3.	20" Jumbo Cartridge for Bigblue	Per No.	750.00	13.5
4.	Sand for Sand filter Red/ Bigblue	Per Kg.	30.00	13.5
5.	Activated carbon for ACF filter	Per Kg.	125.00	13.5
6.	1" Multi port valve for sand & carbon filter	Per No.	5000.00	13.5
7.	FRP Vessel 100 ltr. Make Pentair/ MMP/ Hdrosell	Per No.	9500.00	13.5
8.	Membrane 4040 Make Hydranutics USA/ Dow USA BW	Per No.	20000.00	13.5
9.	Antiscalant Chemical (Chemical R.O. 909)	Per Ltr.	550.00	13.5
10.	LPS Switch (Mechanical operated with display)	Per No.	3000.00	13.5
11.	HPS Switch (Mechanical operated with display)	Per No.	3000.00	13.5
12.	Rotameter Range 0 to 2000 Ltr. Maxflow with SS float.	Per No.	3500.00	13.5
13.	Pressure Gauge Range 0 to 20 SS	Per No.	2000.00	13.5
14.	Micro Control Pannel for RO System of Astral for 2 HP Pump one year warranty	Per No.	16000.00	13.5
15.	RO Membrane cleaning with chemicals 1) For RO 500 Ltr. 2) For RO 1000 Ltr. And 3) For RO 1200 Ltr.	Plant	3500.00	--
16.	Visit Charges Per Visit	---	3000.00	--

COLLEGE OF ENGINEERING PANDHARPUR

Principal

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/Store/2015-16/ 1662(A) Date: - 10/11/2016

To,
Water World Technologies,
55, Laxminarayan Colony,
Behind Sai Mandir, 100 ft Road,
Sangali – 416 416.

Sub: Annual Maintenance Contract (AMC) for our R.O Plants.

Ref:- 1. Order no. COEPR/ 2014-15/ 877 (B) dated 19/11/2014.
2. Your letter dated 08/11/2015.

Dear Sir,

In continuation of the above subject, we are pleased to place an additional work order for Annual Maintenance Contract (AMC) for our R.O. Plants on call basis. The details of the same are as given in **Annexure-I**, attached herewith.

The order is subject to following Terms & Conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Price is inclusive of all taxes except the taxes specifically mentioned above, duties, packing, forwarding and transportation up to our institute, installation and successful demonstration.
3. You will have to visit our place on call basis, inspect the plant and perform the following:
   a) Filter cleaning.
   b) Handling leakage problem.
   c) Motor and other parts oiling.
   d) Indication about replacement of parts.
   e) Cleaning the membrane as per requirement.
4. Quantity of the materials as per the requirement.
5. Delivery: Door delivery within one week from the date of this order.
6. Payment against delivery.
7. The period of AMC shall be from 01/12/2015 to 30/11/2016.

Thank you,

Yours faithfully,

PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.: 7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/ 2015-16/

Date: -

Annexure- I

Sr. No.	Particulars	Unit	Rate in Rs.	VAT in %
1.	10" Spun Cartridges, Make Kemflow	Per No.	250.00	12.5
2.	20" Long Spun, Make: Kemflow	Per No.	450.00	12.5
3.	20" Jumbo Cartridge for Bigblue	Per No.	750.00	12.5
4.	Sand for Sand filter Red/ Bigblue	Per Kg.	30.00	12.5
5.	Activated carbon for ACF filter	Per Kg.	125.00	12.5
6.	1" Multi port valve for sand & carbon filter	Per No.	5000.00	12.5
7.	FRP Vessel 100 ltr. Make Pentair/ MMP/ Hdrosell	Per No.	9500.00	12.5
8.	Membrane 4040 Make Hydranutics USA/ Dow USA BW	Per No.	20000.00	12.5
9.	Antiscalant Chemical (Chemical R.O. 909)	Per Ltr.	550.00	12.5
10.	LPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
11.	HPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
12.	Rotameter Range 0 to 2000 Ltr. Maxflow with SS float.	Per No.	3500.00	12.5
13.	Pressure Gauge Range 0 to 20 SS	Per No.	2000.00	12.5
14.	Micro Control Pannel for RO System of Astral for 2 HP Pump one year warranty	Per No.	16000.00	12.5
15.	RO Membrane cleaning with chemicals 1) For RO 500 Ltr. 2) For RO 1000 Ltr. And 3) For RO 1200 Ltr.	Plant	3500.00	--
16.	Visit Charges Per Visit	---	3000.00	--

Principal

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
SVERI
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
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Accredited by Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/Store/2015-16/ 1662(A)

Date: - 10/11/2016

To,
Water World Technologies,
55, Laxminarayan Colony,
Behind Sai Mandir, 100 ft Road,
Sangali – 416 416.

Sub: Annual Maintenance Contract (AMC) for our R.O Plants.

Ref:- 1. Order no. COEPR/ 2014-15/ 877 (B) dated 19/11/2014.
2. Your letter dated 08/11/2015.

Dear Sir,

In continuation of the above subject, we are pleased to place an additional work order for Annual Maintenance Contract (AMC) for our R.O. Plants on call basis. The details of the same are as given in **Annexure-I**, attached herewith.

The order is subject to following Terms & Conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Price is inclusive of all taxes except the taxes specifically mentioned above, duties, packing, forwarding and transportation up to our institute, installation and successful demonstration.
3. You will have to visit our place on call basis, inspect the plant and perform the following:
   a) Filter cleaning.
   b) Handling leakage problem.
   c) Motor and other parts oiling.
   d) Indication about replacement of parts.
   e) Cleaning the membrane as per requirement.
4. Quantity of the materials as per the requirement.
5. Delivery: Door delivery within one week from the date of this order.
6. Payment against delivery.
7. The period of AMC shall be from 01/12/2015 to 30/11/2016.

Thank you,

Yours faithfully,

PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.: 7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/ 2015-16/ Date: -

Annexure- I

Sr. No.	Particulars	Unit	Rate in Rs.	VAT in %
1.	10" Spun Cartridges, Make Kemflow	Per No.	250.00	12.5
2.	20" Long Spun, Make: Kemflow	Per No.	450.00	12.5
3.	20" Jumbo Cartridge for Bigblue	Per No.	750.00	12.5
4.	Sand for Sand filter Red/ Bigblue	Per Kg.	30.00	12.5
5.	Activated carbon for ACF filter	Per Kg.	125.00	12.5
6.	1" Multi port valve for sand & carbon filter	Per No.	5000.00	12.5
7.	FRP Vessel 100 ltr. Make Pentair/ MMP/ Hdrosell	Per No.	9500.00	12.5
8.	Membrane 4040 Make Hydranutics USA/ Dow USA BW	Per No.	20000.00	12.5
9.	Antiscalant Chemical (Chemical R.O. 909)	Per Ltr.	550.00	12.5
10.	LPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
11.	HPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
12.	Rotameter Range 0 to 2000 Ltr. Maxflow with SS float.	Per No.	3500.00	12.5
13.	Pressure Gauge Range 0 to 20 SS	Per No.	2000.00	12.5
14.	Micro Control Pannel for RO System of Astral for 2 HP Pump one year warranty	Per No.	16000.00	12.5
15.	RO Membrane cleaning with chemicals 1) For RO 500 Ltr. 2) For RO 1000 Ltr. And 3) For RO 1200 Ltr.	Plant	3500.00	--
16.	Visit Charges Per Visit	---	3000.00	--

Principal

Waterworld Technologies

55, Lane No.1, Laxminarayan Colony, 100 Ft. Road, Behind D Mart, Sangli.Mobile : 9890903446

INVOICE

- [ ] Original for Recipient
- [ ] Duplicate for Transporter
- [ ] Triplicate for Supplier

GSTIN/UIN : GSTIN / UIN : 27AJGPT5019B1ZC
PAN : AJGPT5019B
Invoice No. : 08
Invoice Date : 07/09/2017
State : Maharashtra State Code :

Transportation Mode : By hand
Vehicle Number : —
Date of Supply : 07/09/2017
Place of Supply : Pandharpur

Details of Receiver / Billed to :
Name : College of Engineering pandharpur
Address : Gopalpur - Rajani wadi pandharpur

GSTIN : 27AAHTS3090B1[redacted]Z1
State : Maharashtra
State Code : 413304

Sr. No.	Description of Goods	HSN ACS	GST Rate	Qty.	Rate	Per	Disc.	Amount
1)	20" Jumbo Cartridge	84212190	18%	50 nos	750	nos	—	37,500=00
2)	Antiscalent Chemical	38249022	18%	50 lit	550	lit	—	27,500=00
	TOTAL							65000=00

Total Invoice Amount In Words : Seventy six thousand seven hundred only

Total Amount Before Tax		65000=00
Add : CGST	9 %	5850=00
Add : SGST	9 %	5850=00
Tax Amount : GST		11,700=00
Total Amount After Tax :		76,700=00
GST Payable on Reverse Charge :		

Company's Bank Details :
Bank Name : Bank of India, Sangli.
Bank Account No. : 160020110000330
Bank Branch IFSC : BKID0001600

Terms & Conditions :

Certified that the particulars given above are true and correct.

For, **Water world Technologies**

Authorised Signatory

Water World Technologies

SS, Laxminarayan Colony, Behind Sai Mandir, 100 ft Road, Sangli – 416416
Ph : 9890903446

Date :05/09/2017

To,

The Principal

College of Engineering

Pandharpur

Sub- About supply of RO Spare, Repairy and Servicing.

Dear Sir,

As per you given Order No. COLEPR 2014-2015/877 (B) Dated 19/11/2015 and COLEPR/2014-15/1994 (A) dated 25/03/2017. We are working with your prestigious organization. We are taking 13.5% VAT on RO Spare. But as per Government new rule from 01/07/2017 GST is applied and GST on Ro Spare repair and servicing is 18%.

We are requesting to you please change the above purchase order and please send new purchase order to us.

Thanking you and assuring you the best services at all times, we remain. We await for your most valued order and in getting associated with you prestigious organization.

Your Faithfully

Water World Technologies

Reimbursement
Approved as applicable rates.
However, issue sc prs before
purchase/Eqpt Committee.
B-Range
15/09/17

7.1.4

Drinking Water Testing & Analysis Report from Authorized Lab

ANALAB

26, Siddheshwar Shopping Center, Panch katta, Solapur - 413 001

- **Testing Service** : Specialized Biochemistry; Soil, leaves, fertilizers, pesticides; Animal Feeds; Water & waste water; Industrial Chemicals; Ores, Minerals, Activated Carbon; Food, Herbals & Neutraceuticals; Microbiological
- **Consulting Service:** Agriculture Fertilizer Management; Waste water treatment studies

Timings : 9 A.M. TO 1 P.M. & 2-30 P.M. TO 7-00 P.M. **E-mail:analab@rediffmail.com** Ph. : 0217-2728257, Mob. 8830310734

PARTY: SHRI VITTHAL EDUCATION & RESEARCH INSTITURE, COLLEGE OF ENGINEERING - PANDHARPUR

PLACE: GOPALPUR, TAL: PANDHARPUR, DIST: SOLAPUR

SAMPLE: WATER (DRINKING PURPOSE)
RECD DT: 31/1/20
(Sample supplied by the Party and not drawn by us)

BACTERIOLOGICAL ANALYSIS OF WATER

Sr. No	Parameter	**Result**	Permissible Limit
1.	Bacterial Plate Count	**5**	Max. 20 cfu per ml

Remarks: Water Bacteriologically **SATISFACTORY** for Drinking Purpose.

February 3, 2020

For, A N A L A B

ANALAB

26, Siddheshwar Shopping Center, Panch katta, Solapur - 413 001

Testing Service : Specialized Biochemistry; Soil, leaves, fertilizers, pesticides; Animal Feeds; Water & waste water; Industrial Chemicals; Ores, Minerals, Activated Carbon; Food, Herbals & Neutraceuticals; Microbiological

Consulting Service: Agriculture Fertilizer Management; Waste water treatment studies

Timings : 9 A.M. TO 1 P.M. & 2-30 P.M. TO 7-00 P.M. E-mail:analab@rediffmail.com Ph. : 0217-2728257, Mob. 8830310734

PARTY: SHRI VITTHAL EDUCATION & RESEARCH INSTITURE, COLLEGE OF ENGINEERING - PANDHARPUR

PLACE: GOPALPUR, TAL: PANDHARPUR, DIST: SOLAPUR

SAMPLE: WATER (DRINKING PURPOSE)
RECD DT: 31/1/20
(Sample supplied by the Party and not drawn by us)

RESULT OF ANALYSIS

Sr.No	Parameters	Results	Limits for Drinking
1.	Appearance	**Clear**	-
2.	Smell	**Agreeable**	Agreeable
3.	pH	**7.32**	6.5 – 8.5
4.	Electrical Conductivity	**0.08**	- mS/cm
5.	Total Dissolved Solids	**47**	Max. 500 mg/l
6.	Hardness as CaCO3	**18**	Max. 200 mg/l
7.	Calcium as Ca	**4**	Max. 75 mg/l
8.	Magnesium as Mg	**2**	Max. 30 mg/l
9.	Sodium as Na	**5**	Max. 200 mg/l
10.	Alkalinity as CaCO3	**14**	Max. 200 mg/l
11.	Chlorides as Cl	**10**	Max. 250 mg/l
12.	Sulphates as SO4	**3**	Max. 200 mg/l

February 3, 2020

For, A N A L A B

AGMARK Approved by Govt. of India

'CHAITANYA' CONSULTANTS & LABORATORY

Analysis of : Food ,Oil, As per F.D.A.(Food adulteration Act) Water, Waste water, Soil, Chemicals, Plant material, Cattle Feed, Industrial Material.

"Mangalya" Plot No-20,Chanakyanagar, Nr. Mali Mangal Karyalaya, Kupwad Phata,Sangli-416416. Ph.:0233-2302367, Mob.:9850117877, 9890884452

Ref. No. 327/A

ANALYTICAL REPORT

Date: 11/09/2018

1. Sender's Name: - **College of Engineering, Pandharpur.**
2. Kind of Article: - **Well Water-** Ateshwar
3. Date of Receipt: - 08/09/2018
4. Date of Analysis: -08/09/2018
5. Ref: - Mr. Tamboli

Sr	Parameters	Unit	Results	Standards
1.	Appearance	-	Clear no smell	---
2.	Turbidity	NTU	1.4	< 5.0
3.	pH	--	7.39	6.5-8.5
4.	Conductivity	umhos/cm	2210	< 3100
5.	Chlorides	mg/lit	270	< 300
6.	Total Hardness	mg/lit	70	< 600
7.	Alkalinity	mg/lit	570	< 600
8.	Permanent Hardness	mg/lit	00	< 100
9.	Oxygen Absorption(5 min)	mg/lit	0.3	< 1.0
10	Oxygen Absorption(4 hrs)	mg/lit	0.7	<1.0
11.	Ammonia	mg/lit	0.03	< 0.05
12.	Albuminoidal Ammonia	mg/lit	0.07	< 0.1
13.	Nitrate	mg/lit	2.24	< 45.0
14.	Nitrite	mg/lit	Nil	Nil
15.	Total Solids	mg/lit	**1688**	< 1000
16.	Iron	mg/lit	0.04	--
17.	Silica	mg/lit	97.64	--
18.	Coliform(MPN)	/100ml	**> 16.0**	< 16.0
19.	*E. coli*	/100ml	**Present**	Absent

Remark: - The above water sample is chemically as well as bacteriologically unpotable. However it can be used for drinking purposes only after proper treatment and chlorination.

For Trade

Lab Incharge
S. M. Kulkarni
Approved Agmark Chemist & Public Analyst

Sunday Closed

AGMARK Approved by Govt. of India

'CHAITANYA' CONSULTANTS & LABORATORY

Analysis of : Food ,Oil, As per F.D.A.(Food adulteration Act) Water, Waste water, Soil, Chemicals, Plant material, Cattle Feed, Industrial Material.

"Mangalya" Plot No-20,Chanakyanagar, Nr. Mali Mangal Karyalaya, Kupwad Phata,Sangli-416416. Ph.:0233-2302987, Mob:-9860117877, 9890884452

Ref. No. **327/B**

ANALYTICAL REPORT

Date: **11/09/2018**

1. Sender's Name: - **College of Engineering, Pandharpur.**
2. Kind of Article: - **Well Water-** Aasabe
3. Date of Receipt: - 08/09/2018
4. Date of Analysis: -08/09/2018
5. Ref: - Mr. Tamboli

Sr	Parameters	Unit	Results	Standards
1.	Appearance	-	Clear no smell	---
2.	Turbidity	NTU	1.2	< 5.0
3.	pH	--	7.37	6.5-8.5
4.	Conductivity	umhos/cm	1880	< 3100
5.	Chlorides	mg/lit	280	< 300
6.	Total Hardness	mg/lit	80	< 600
7.	Alkalinity	mg/lit	320	< 600
8.	Permanent Hardness	mg/lit	00	< 100
9.	Oxygen Absorption(5 min)	mg/lit	0.3	< 1.0
10	Oxygen Absorption(4 hrs)	mg/lit	0.6	<1.0
11.	Ammonia	mg/lit	0.03	< 0.05
12.	Albuminoidal Ammonia	mg/lit	0.06	< 0.1
13.	Nitrate	mg/lit	1.92	< 45.0
14.	Nitrite	mg/lit	Nil	Nil
15.	Total Solids	mg/lit	**1518**	< 1000
16.	Iron	mg/lit	0.04	--
17.	Silica	mg/lit	75.88	--
18.	Coliform(MPN)	/100ml	**> 16.0**	< 16.0
19.	*E. coli*	/100ml	**Prsent**	Absent

Remark: - The above water sample is chemically as well as bacteriologically unpotable. However it can be used for drinking purposes only after proper treatment and chlorination.

For [illegible]

AGMARK Approved by Govt. of India

'CHAITANYA' CONSULTANTS & LABORATORY

Analysis of : Food ,Oil, As per F.D.A.(Food adulteration Act) Water, Waste water, Soil, Chemicals, Plant material, Cattle Feed, Industrial Material.

"Mangalya" Plot No-20,Chanakyanagar, Nr. Mali Mangal Karyalaya, Kupwad Phata,Sangli-416416. Ph.:0233-2302987, Mob:-9860117877, 9890884452

Ref. No. **295**

ANALYTICAL REPORT

Date: **28/08/2018**

1. Sender's Name: - **College of Engineering, Pandharpur.**
2. Kind of Article: - **Water**
3. Date of Receipt: - 25/08/2018
4. Date of Analysis: -25/08/2018
5. Ref: - Mr. Tamboli

Sr	Parameters	Unit	Results	Standards
1.	Appearance	-	Clear no smell	---
2.	Turbidity	NTU	1.0	< 5.0
3.	pH	--	8.07	6.5-8.5
4.	Conductivity	umhos/cm	380	< 3100
5.	Chlorides	mg/lit	24	< 300
6.	Total Hardness	mg/lit	130	< 600
7.	Alkalinity	mg/lit	132	< 600
8.	Permanent Hardness	mg/lit	00	< 100
9.	Oxygen Absorption(5 min)	mg/lit	0.2	< 1.0
10	Oxygen Absorption(4 hrs)	mg/lit	0.5	<1.0
11.	Ammonia	mg/lit	0.03	< 0.05
12.	Albuminoidal Ammonia	mg/lit	0.04	< 0.1
13.	Nitrate	mg/lit	0.64	< 45.0
14.	Nitrite	mg/lit	Nil	Nil
15.	Total Solids	mg/lit	296	< 1000
16.	Silica	mg/lit	32.71	--
17.	Iron	mg/lit	0.04	--
18.	Fluride	mg/lit	0.68	--
19.	Coliform(MPN)	/100ml	00	< 16.0
20.	*E. coli*	/100ml	Absent	Absent

Remark: - The above water sample is chemically as well as bacteriologically potable. However it can be used for drinking purposes only after proper treatment and chlorination.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
SVERI
Engineering For Excellence
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,9545553888, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by NAAC, Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref.: COEPR/Store/2018-19/ 1440(A) Date:- 02/01/2018

To,
Mr. Dadasaheb Raghunath Mali,
A/P- Korti,
Dist- Solapur.

Sub: Purchase order.

Ref:- 1. Order no. COEPR/Store/2016-17/ 1664 (A) dated 01/01/2017
2. Your letter dated 31/12/2017.

Dear Sir,

With above reference, we are pleased to place the purchase order for providing drinking water. The details of the same are as given below:

Sr. No.	Particulars	Rate in Rs.	Quantity
1.	Providing drinking water from Tanker (9000 ltr. Water Capacity)	Rs. 1500.00 Per Tanker	As per requirement

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 01/01/2018 to 31/12/2018.
2. Water should bring from Municipal Corporation, Pandharpur. The Receipt of the said water should bring along with the bill. Water bill not be released without water receipt.
3. Payment against delivery.

Thank you,

Yours faithfully,

B. Ronge

(Dr. B. P. Ronge)
PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
SVERI
Engineering for Excellence
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,9545553888, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
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3. Payment against delivery.

Thank you,

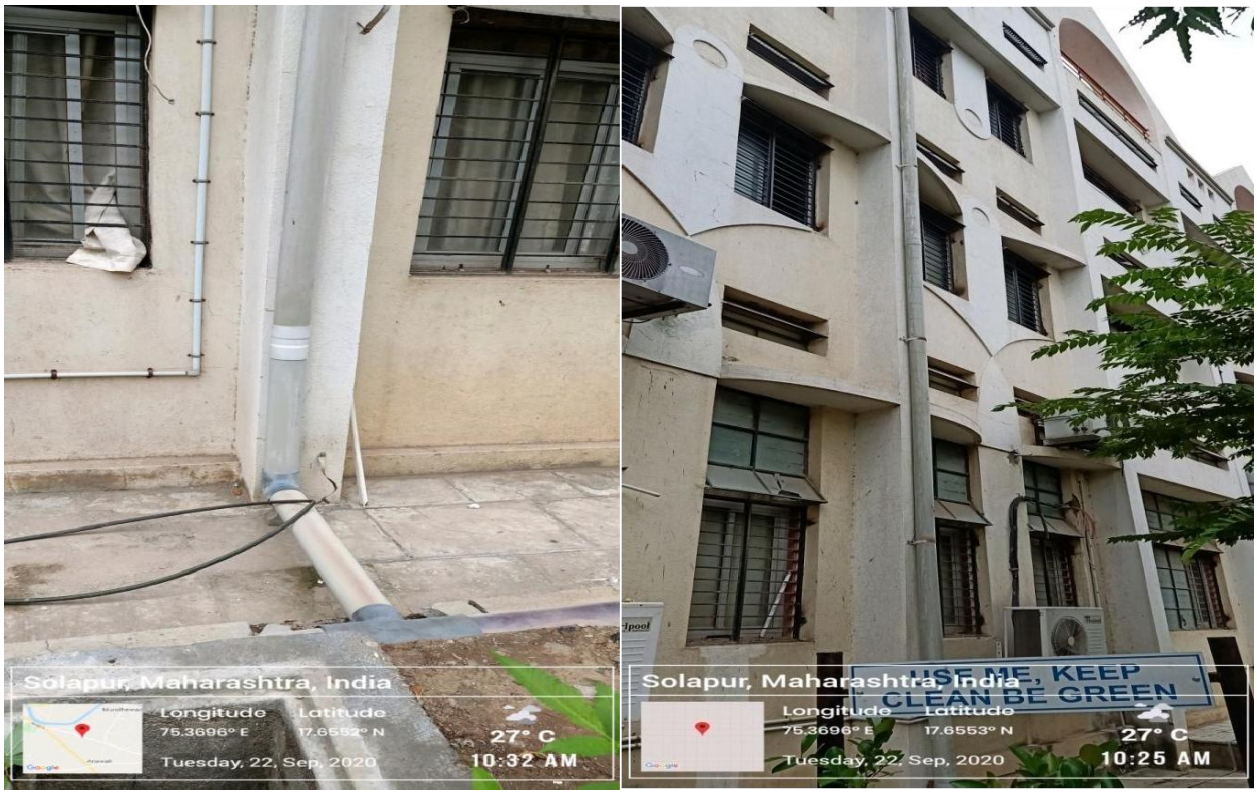
Yours faithfully,

B. Ronge

(Dr. B. P. Ronge)
PRINCIPAL

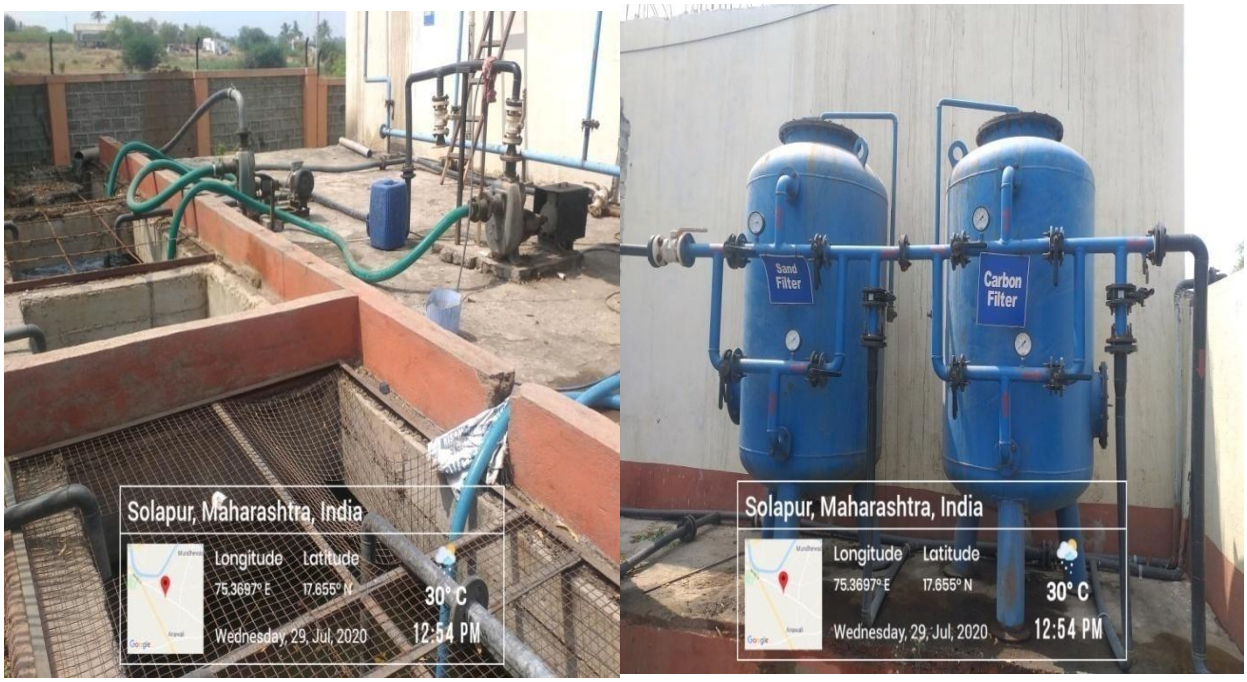
Appendix-II

7.1.4. Water conservation facilities available in the Institution:



Rain Water Harvesting

Recharging Bore wells



Waste water recycling

Water Tanks

RO System

Water Distribution system

Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)
Tel.: (02186) 216063, 9503103757, Toll Free No.: 1800-3000-4131 e-mail.: coe@sveri.ac.in
Website.: www.sveri.ac.in (Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
NBA Accredited all eligible UG Programmes, NAAC Accreditated Institute,ISO 9001:2015 Certified Institute.
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune.

Ref.:- Date:-

Committee to monitor Maintenance of water bodies and distribution system in the campus

(Refer Sr. No. 41 Committee for the same from following Office Order)

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE, PANDHARPUR
(Regd.No.:Maharashtra/5131/94/Solapur[1860(21)]dated 28/12/94,F-4371 Solapur(1950 Mumbai-29)dated 06/03/95)

P.B..No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413 304,, Dist. Solapur (Maharashtra)
Tel. : 7755990201, **Toll Free No.** :- 1800-3000-4131 **E-mail** : coe@sveri.ac.in, **Website**: www.sveri.ac.in

Ref. No. SVERI/2020-2021/O.O./07 Date: 27/07/2020

Office Order

As per the discussion and consequent decisions made in the General Meeting of staff members under SVERI umbrella held on 26/07/2020, various committees have been constituted for Semester-I of Academic Year 2020-2021 for smooth and effective working of the Institution. The details of various committees are as follows:

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
1.	Campus In-Charge	Prof. M. M. Pawar	9545553888
2.	Dean, Academics	Dr. P. M. Pawar	9766394205
3.	Dean, Administration	Prof. S. R. Gavali	9545553796
4.	Dean, Research & Development	Dr. S. B. Salunkhe	7038203000
5.	Dean, Students'	Dr. A. A. Utpat	9158325055
6.	Dean, Training, Placement and Industry Interaction	Prof. A. A. Mote	8698303387
7.	Dean Admissions, Publicity and Protocol	Dr. D. S. Choudhari	9860160431
8.	HOD, Mechanical Engineering	Dr. S. S. Wangikar	9657720923
9.	HOD, Electronics &Telecommunication Engineering	Dr. A. S. Vibhute	9881646499
10.	HOD, Computer Science & Engineering	Dr. Mrs. B.C. Melinamath	8310661177
11.	HOD, Civil Engineering	Dr. P. M. Pawar	9766394205
12.	HOD, Electrical Engineering	Dr. Mrs. D. A. Tamboli	9545553668
13.	HOD, F. Y. B. Tech.	Dr. S. A. Lendave	9545553878
14.	HOD, M. B. A.	Mr. K. B. Patil	9595921154
15.	**P.G. & Ph.D. Course-Coordinator Mech.** Reporting Authority-HOD, Mech.	Mr. P. A. Dhavale	8412053701
16.	**P.G. & Ph.D. Course CoordinatorE&TC** Reporting Authority-HOD, E&TC.	Dr. Mrs. M. M. Pawar	9518930034

B.Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
17.	**P.G. & Ph.D. Course CoordinatorCSE** Reporting Authority-HOD, CSE.	Mr. V. M. Sale	9175799480
18.	**P.G. & Ph.D. Course CoordinatorCivil** Reporting Authority-HOD, Civil.	Dr. Ms. V. S. Kshirsagar	9545553884
19.	**Computer and Professional Training Courses not covered under T&P** Reporting Authority-Dean TPII	Mr. S. M. Kumbhar (CSE) Coordinator	9886396500
		Mr. C. K. Vhare (Mech)	8600047127
		Ms. G. G. Unhale (E&TC)	7066814688
		Mr. P. G. Gaikwad (CSE)	7057516903
		Mr. Y. B. Patel (Civil)	9764192864
		Mr. D. D. Daphale (Elect.)	9765515023
		Ms. S. V. Shimple (Degree Pharmacy)	9730895175
		Mr. P. S. Bhandare (Diploma Engineering)	9579307314
		Ms. N. J. Kulkarni (Diploma Pharmacy)	8390608485
20.	**Library Committee** Reporting Authority-Dean Administration	Mr. S.V. Jadhav (Mech)- Convener	9767571857
		Mr. Akshay A. Jadhav (E&TC)	9552690535
		Ms. D. V. Patil (CSE)	8605796168
		Mr. Y. B. Patel (Civil)	9764192864
		Mr. Madhuri K. Pawar (Elect)	9604349388
		Mr. R. P. Nagane (F. Y. B. Tech)	9075349939
		Ms. Sneha A. Jagtap (MBA)	9511711837
		Mr. S. M. Bagal (Librarian) Member Secretary	9545553855
21.	**Placement and Industry Interactions** Reporting Authority-Dean TPII	**SVERI's College of Engineering, Pandharpur**	.---
		Prof. A. A. Mote – Dean, TPII	8698303387
		Mr. S. V. Darshane (CSE) -Training Coordinator	9096552771
		Mr. D. A. Kumbhar (E&TC) Placement and Industry Interaction Coordinator	9767107291
		Mr. S. M. Khomane (Mech)	9049349429
		Mr. V. R. Chavan (Mech)	9890455735
		Ms. G. G. Unhale (E&TC)	7066814688
		Mr. H. M. Tamboli (CSE)	8380090260
		Mr. M. M. Basavraj (Civil)	7795592331
		Mr. A. A. Tekale (Elect.)	8390848765

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Ponge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Placement and Industry Interactions Reporting Authority-Dean TPII	Mr. B. S. Savase (F.Y.B.Tech)	9890565810
		Mr. R. P. Nagane (F.Y.B.Tech)	9075349939
		Ms. A. N. Gaikwad (MBA)	7057164775
		SVERI's College of Engineering (Polytechnic),Pandharpur	.---
		Mr. S. S. Bagal	9028556943
		SVERI's College of Pharmacy, Pandharpur	.---
		Mr. P. A. Jadhav	9975391048
		SVERI's College of Pharmacy(Poly.), Pandharpur	.---
		Ms. P. S. Lokare	9146491568
	MoU Committee Reporting Authority-Dean TPII	**SVERI's College of Engineering, Pandharpur**	.---
		Mr. S. Y. Salunkhe (Mech) Coordinator	9657198329
		Mr. S. M. Karve (E&TC)	9922123002
		Mrs. T. A. Dhumal (CSE)	9421960415
		Mr. B. B. Jagdale (CSE)	9527928994
		Ms. S. N. Londhe (Civil)	7841893167
		Mr. P. K. Magdum (Elect)	9321093310
		Mr. P. S. More (MBA)	9730089124
		SVERI's College of Engineering (Polytechnic),Pandharpur	.---
		Mr. D. P. Ganmote	9890109672
		SVERI's College of Pharmacy, Pandharpur	.---
		Mr. V. V. More	9665196666
		SVERI's College of Pharmacy(Poly.) , Pandharpur	.---
		Ms. P. H. Kapase	9172805106
22.	**Cultural Committee** Reporting Authority-Dean Students'	Mr. K. B. Patil- Coordinator -1 (only cultural related activities)	9595921154
		Dr. A. A. Utpat- Dean Students' Coordinator -2 (Students Academic and other related functions)	9158325055
		Mr. Y. M. Khedkar (Mech)	9545553699
		Mr. S. N. More (Mech)	9822290900
		Ms. P. B. Tate (E&TC)	8408888597
		Ms. N. S. Patil (E&TC)	8275266638
		Ms. T. A. Dhumal (CSE)	9421960415
		Ms. A. S. Pathan (CSE)	7888170603

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Cultural Committee Reporting Authority- Dean Students'	Mr. G. S. Pawar (Civil)	8149685331
		Mr. D. D. Daphale (Elect)	9765515023
		Ms. S. D. Mali (F. Y. B. Tech)	7745838192
		SVERI's College of Engineering (Polytechnic),Pandharpur	.---
		Mr. A. T. Deshmukh	9970673593
		Mr. S. S. Bagal	9028556943
		Ms. M. P. Pawar	8806632681
		Ms. G. J. Khare	7387344300
		Mr. A. S. Yedage	9503817970
		SVERI's College of Pharmacy , Pandharpur	.---
		Mr. Y. N. Arjun	9387687145
		SVERI's College of Pharmacy(Poly.) , Pandharpur	.---
		Ms. M. I. Mujawar	9766159298
		Ms. N. J. Kulkarni	8390608485
23.	**Sports Committee** Reporting Authority- Dean Students'	Mr. R. D. Solage (Mech)-Coordinator	9766990274
		Mr. A. A. Kadam (E&TC)	9623368188
		Ms. R. R. Shinde (CSE)	7588019374
		Mr. M. S. Surwase (Civil)	8806660537
		Mr. M.S. Yadrami (Elect)	9535322500
		Mr. S. D. Talekar (F. Y. B. Tech)	8793180294
		Mr. P. S. More (MBA)	9730089124
		Mr. A. A. Pawar (Diploma. Engg.)	8888563806
		Ms. M. A. Dongare (Diploma. Engg.)	7499292820
		Ms. S. A. Naiknaware (Diploma Pharmacy)	8805215762
		Mr. Y. N. Arjun (Degree Pharmacy)	9387687145
24.	**Students Council** Reporting Authority- Dean Students'	Dr. A. A. Utpat -Coordinator (Degree Engg.)	9158325055
		Dr. M. G. Maniyar -Coordinator (Degree Pharmacy)	9960565028
		Mr. A. T. Deshmukh -Coordinator (Diploma Engg.)	9970673593
		Ms. P. S. Lokare—Coordinator (Diploma Pharmacy)	9146491568
25.	**Work Shop In-charge** Reporting Authority- HOD Mech	Mr. B. D. Gaikwad (Mech) (Degree Engg.)	9545553790
		Mr. A. D. Sapkal (Diploma Engg.)	9881529833

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
26.	**Hostel Committee** Reporting Authority-Campus In-Charge	Prof. M. M. Pawar (Campus In-Charge) Chief Rector	9545553888
		Mr. K. B. Patil (MBA) - Coordinator	9595921154
		Mr. S. S. Tagare (Store Keeper)	9765979890
		Mr. S. G. Jadhav (Electrical Supervisor)	9545553627
		Boys' Hostel, Asst. Rectors	.---
		Mr. S. S. Jadhav (Mech)	8055836682
		Mr. S. C. Ukirade (Elect)	8600690906
		Mr. S. D. Talekar (F.Y.B.Tech)	8793180294
		Mr. R. J. Salunke (Diploma Engg.)	8421991290
		Student Members- Nominated by Chief Rector	.---
		Mr. A. A. Chavan (S.Y.B.Tech, Civil)	.---
		Mr.S..A. Waghmare (S.Y.B.Tech, CSE)	.---
		Mr. R. S. Hawle (T.Y.Civil)	.---
		Mr. S. S. Sakhare (B. Pharmacy)	.---
		Mr. V. Y. Waydande (F.Y.B.Tech.)	.---
		Mr. R. H. Pore (B.E. Mech.)	.---
		Mr.S. S. Mulge(T.Y.B.Tech. CSE)	
		Girls' Hostel, Asst. Rectors	.---
		Ms. M. Biswas(E&TC)	9366718199
		Ms. A. S. Pathan (CSE)	7888170603
		Ms. R. R. Shinde (CSE)	7588019374
		Ms. D. R. Wagh(Degree Pharmacy)	8425006431
		Ms. M. D. Ghadage (Diploma Engg.)	9822532952
		Ms. V. N. Shinde (Diploma. Engg.)	9545003075
		Student Members- To be nominated by Chief Rector	.---
		Ms. Dipjyoti Sathe (Mech.)	.---
		Ms. Tejashri Lendave (Civil)	.---
		Ms. Gauri Pawar (MBA II)	.---
		Ms. Harshda Bhandari (CSE)	.---
		Ms. Shibhada Mhetre (Mech)	.---
		Ms. Aishwaya Jadhav (Civil)	.---
		Ms. Swati Bharma (E&TC)	.---

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
27.	**ISTE & IE(I)Committee** Reporting Authority- 1. Dean R & D (Staff) 2. Dean Students' (Students)	Mr. D. T. Kashid (Mech) – Coordinator	9766897735
		Mr. N. S. Admile (E&TC)	9323590160
		Ms. N. D. Deval (CSE)	9689638344
		Mr. Yaseen Mulla (Civil)	7676959545
		Mr. P. K. Magadum (Elect)	9321093310
		Ms. S. A. Jagtap- MBA	9404705028
		Mr. H. B. Waghmare (Diploama Engg.)	9175939112
28.	**House Keeping and Gardening Committee** Reporting Authority- Campus In-Charge	Mr. S. D. Bhingare (Diploma Engg.)-Coordinator	9890236709
		Prof. M. M. Pawar – Campus In-Charge	9545553888
		Mr. C. C. Jadhav (Mech)	8308689570
		Mrs. P. K. Patil (Mech)	7709211899
		Mr. A. B. Kokare(Civil)	9168655395
		Ms. S. S. Patil (Civil)	9168649265
		Mr. N. N. Salvithal (CSE)	9423241507
		Ms. R. R. Shinde (CSE)	7588019374
		Ms. P. B. Tate (E&TC)	8408888597
		Ms. G. G. Unhale (E&TC)	7066814688
		Ms. A. N. Gaikwad (MBA)	7057164775
		Mr. Mahesh Yadrami (Elect)	9535322500
		Ms. S. P. God (Elect)	7768870789
		Mr. S. U. Bhanvase (F.Y.B.Tech.)	9890344573
		Mr. S. R. Sarvade (Mech-Workshop)	9168655310
		Mr. S. M. Bagal (Librarian)	9545553855
		Mr. M. N. Kumbhar (Diploma Engg.)	9970755248
		Ms. V. A. Jagadale (Diploma Engg.)	9665483685
		Mr. R. S. Naiknaware (Degree Pharmacy)	8390906146
		Ms. N. A. Dandage (Diploma Pharmacy)	9373091041
29.	**Discipline Committee** Reporting Authority- Dean Students'	Dr. A. A. Utpal (Mech) – Dean, Students–Coordinator	9421022972
		Mr. S. A. Inamdar (E&TC)-Co-Coordinator	9922818946
		All Principals under SVERI umbrella	.---
		All Deans	.---
		All HODs	.---
		Mr. S. Y. Salunkhe (Mech)	9657198329

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Discipline Committee Reporting Authority- Dean Students'	Mr. D. T. Kashid (Mech)	9766897735
		Mr. D. P. Narsale (E&TC)	8605252526
		Mr. P. G. Gaikwad (CSE)	7057516903
		Ms. S. S. Bhosale (CSE)	9503103814
		Mr. S. A. Gosavi (Civil)	9146367210
		Dr. V. S. Khsirsagar (Civil)	9545553884
		Mr. S. K. Akireddy (Elect)	8408888506
		Ms. N. B. Hande (F.Y.B.Tech.))	8805933895
		Mr. N. S. Shaikh (F.Y.B.Tech.))	9764793186
		Mr. M. A. Kumbhar (Diploma Engg.)	9503103799
		Dr. M. G. Maniyar (Degree Pharmacy)	9960565028
		Ms. M. I. Mujawar (Diploma Pharmacy)	9766159298
		Student members selected by Dean Students	.---
		Mr. Suraj Baban Chavan (B.E.Mech)	.---
		Ms. Sonali Umesh Chavan (B.E.Mech)	.---
		Mr. Shubham Anil Raut (B.E.Mech)	.---
		Mr. Mahesh Bharati (B.E. Civil)	.---
		Mr. Saddalagi Samarth (B.E. Civi)	.---
		Ms. Puja Tapise (B.E. E&TC)	.---
		Ms. Vaishnavi Korape (B.E. E&TC)	.---
		Mr. Nitin Pandhare (B.E. E&TC)	.---
		Mr. Aditya Dhaigude (B.E. CSE)	.---
		Mr. Swapnil Wasekar (B.E. CSE)	.---
		Mr. Saurabh D Mule (T.Y.B.Tech(Elect)	.---
		Mr. Chaitanya N. Khandagale (S.Y.B.Tech.Div.D)	.---
		Ms. Rutuja B. Ghadage (S.Y.B.Tech.)	.---
30.	**Stationery Committee** Reporting Authority- Dean Administration	Dr. R. N. Haridas (F.Y.B. Tech)– Coordinator	9168655354
		Ms. V. G. Kalebag (Mech)	8600834998
		Ms. N. S. Patil (E&TC)	8275266638
		Ms. S. S. Kadam (CSE)	9766880771
		Mr. S. N. Londhe (Civil)	7841893167
		Ms. S. P. God (Elect)	7768870789
		Ms. A. N. Gaikwad (MBA)	7057164775
		Mr. S. M. Bagal (Librarian)	9545553855
		Mr. S. S. Tagare (Store Keeper)	9765979890

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
31.	**News Letter Committee for College of Engineering, Pandharpur** Reporting Authority- Dean R & D	Mr. M. B. Kulkarni (F. Y. B. Tech) – Coordinator and Editor	9970465498
		Dr. S. B. Salunkhe (Mech)	7038203000
		Mr. S. N. More (Mech)	9822290900
		Ms. S. S . Kadam (E&TC)	8698026990
		Ms. D. V. Patil (CSE)	8605796168
		Dr. R. S. Pawar (Civil)	9975078018
		Mr. D. D. Daphale (Elect)	9765515023
32.	**N.S.S Committee** Reporting Authority- Dean Students'	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. M. S. Mathpati (CSE) – Co-ordinator-1	9503019997
		Dr. R. N. Haridas (F.Y.B.Tech) - Co-ordinator - 2	9168655354
		Dr. A. A. Utpat (Mech)-Advisor	9158325055
		Mr. P. B. Asabe (Mech)	7821004647
		Ms. V. G. Kalebag- (Mech)	8600834998
		Ms. S. V. Jagzap (E&TC)	7744884455
		Mr. A.M. Kasture (E&TC)	9764497497
		Mr. N. M. Maske (CSE)	7020805643
		Mr. N. N Salvitthal (CSE)	9423241507
		Mr. Y. B. Patel (Civil)	9764192864
		Ms. P. D. Taralgatti (Civil)	9665570392
		Mr. S. C. Ukirade (Elect.)	8600690906
		SVERI's College of Pharmacy, Pandharpur	.---
		Dr. M. G. Maniyar	9960565028
33.	**Term Work and Practical Oral Examination Committee** Reporting Authority- 1. Dean Academics(related to policies) 2. Dean Administration (University correspondence)	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. S. M. Kale (Mech)- Coordinator	9960118580
		Mr. K. B. Jundale (Mech)	8551084285
		Mr. M. A. Deshmukh (E&TC)	9970277150
		Mr. M. S. Survase (Civil)	8806660537
		Mr. N. M. Maske (CSE)	7020805643
		Mr. S. K. Akireddy (Elect)	8408888506
		Mr. A. B. Chounde (F.Y.B. Tech)	9922341043
		Ms. S. A. Jagtap (MBA)	9404705028
34.	**Industry Institute Partnership Cell (IIPC)** Reporting Authority- Dean TPII	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. B. D. Gaikwad (Mech)- Coordinator	9545553790
		Dr. B. P. Ronge (Principal)	9545193434

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Industry Institute Partnership Cell (IIPC) Reporting Authority-Dean TPII	Prof. A. A. Mote (Dean TPII)- Convener	8698303387
		All HODs	.---
		Mr. C. K. Vhare (Mech)	8600047127
		Mr. A. A. Shinde(Mech)	8668416559
		Dr. R. R. Gidde (Mech)	9922607633
		Mr. D. A. Kumbhar(E&TC)	9767107291
		Dr. A. S. Vibhute (E&TC)	9881646499
		Mr. H. M. Tamboli (CSE)	8380090260
		Dr. Mrs. P. A. Hagargi (CSE)	8310088585
		Mr. M. S. Survase (Civil)	8806660537
		Mr. G. S. Pawar (Civil)	8149685331
		Mr. P. K. Magdum (Elect)	9321093310
		Ms. A. N. Gaikwad (MBA)	7057164775
		SVERI's College Engineering (Polytechnic), Pandharpur	.---
		Mr. S. S. Bagal (Mech)- Coordinator	9028556943
		Ms. A. S. Bhise (IT)	9096730157
		Mr. P. S. Bhandare (CO)	9579307314
		Mr. N. A. Shinde (CE)	8975460434
		Ms. R. R. Deshmukh (EJ)	9527916144
		Mr. S. D. Kolekar (EE)	9403182030
		SVERI's College of Pharmacy, Pandharpur	.---
		Mr. Y. N. Arjun	9387687145
		SVERI's College of Pharmacy(Poly.), Pandharpur	
		Miss. M. I. Mujawar	9766159298
		Mr. Tushar Arun Jagtap, DCPL Pvt. Ltd, Kolhapur.	.---
		Mr. Shrikant Pawar TOP Gears Pvt. Ltd.	.---
		Mr. Mahesh Kamble, Kalyani Technoforce	.---
		Dr. Munir Sayyad GM, Reliance Jio, Mumbai.	.---
		Mr. Dilip Kannadkar S.G. Gears, MIDC, Tembhurni	.---
35.	**Entrepreneurship Development Cell** Reporting Authority-Dean TPII	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. B. D. Gaikwad (Mech)– Convener	9545553790
		Dr. B. P. Ronge (Principal)	9545193434
		Prof. A. A. Mote – Dean, TPII	8698303387

B. Ronge

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Entrepreneurship Development Cell Reporting Authority-Dean TPII	Mr. A. A. Shinde (Mech)	8668416559
		Mr. G. K. Inamdar (Mech)	9890695957
		Dr.A. S.Vibhute (E&TC)	9881646499
		Mr. Akshay A. Jadhav (E&TC)	9552690535
		Mr. R. D. Kulkarni (CSE)	9113559497
		Ms. V.D. Jadhav (CSE)	9545553837
		Mr. M. S. Surwase (Civil)	8806660537
		Mr. G. S. Pawar (Civil)	8149685331
		Dr. Mrs. D. A. Tamboli (Elect)	9545553668
		Mr. A. A. Tekale(Elect)	8390848765
		Ms. A. N. Gaikwad (MBA)	7057164775
		Mr. Tushar Arun Jagtap, DCPL Pvt. Ltd, Kolhapur.	.---
		Mr. Shrikant Pawar, TOP Gears Pvt. Ltd.	.---
		Mr. Uttareshwar Sapate, MCED, Kolhapur	.---
		Mr.Shridhar Chavan, Renuka Engineering, Solapur	.---
		SVERI's College Engineering (Polytechnic), Pandharpur	.---
		Mr. S. S. Bagal (ME)- Coordinator	9028556943
		Mr. S. A. Zambare (IT)	8600966066
		Mr. M. S. Lokhande (Mech)	9822243696
		Mr. S. M. Jadhav (CE)	7741856958
		Mr. P. S. Valte (EJ)	9503103700
		Mr. P. D. Kadam (Elect)	9921030669
		Mr. M. K. Jadhav (CO)	8308502995
		SVERI's College of Pharamacy, Pandharpur	.---
		Mr. Y. N. Arjun	9387687145
		SVERI's College of Pharmacy(Poly.), Pandharpur	.---
		Miss. N. J. Kulkarni	8390608485
36.	**Mess & Food Quality Monitoring Committee** Reporting Authority-Campus In-Charge	Prof. M. M. Pawar (Civil)-Chief Rector- Coordinator	9545553888
		Ms. M. Biswas (E&TC)	9366718199
		Ms. A. S. Pathan (CSE)	7888170603
		Mr. M. M. Basavraj (Civil)	7795592331
		Ms. Madhuri K. Pawar (Electrical)	9604349388
		Mr. S. D. Talekar (F. Y. B.Tech)	8793180294
		Mr. K. B. Patil (MBA)	9595921154
		Ms. A. N. Gaikwad(MBA)	7057164775

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B.Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Mess & Food Quality Monitoring Committee Reporting Authority-Campus In-Charge	Mr. R. G. Zarkar (Registrar)	9545553737
		Ms. P. S. Lachhan (Diploma Engg.)	9049898348
		Mr. V. R. Chokote (Degree Pharmacy)	9970747432
		Ms. D. R. Wagh (Degree Pharmacy)	8425006431
		Ms. S. D. Murgunde (Diploma Pharmacy)	9373642010
		Student members-to be nominated by Chief Rector	.---
		Mr. Nagesh Sudhakar Ronge (B.E. Mech.)	.---
		Mr. Ganesh Sudhakar Sawant (T.Y.Mech)	.---
		Mr. Shivaji Bhivaji Surwase (T.Y.Elect)	.---
		Mr. Satyam Hanmant Kale (T.Y. Elect)	.---
		Mr. Nitin Vasudev Pandhare (B.E. E&TC)	.---
		Mr. Gaurav Guruji (T.E. E&TC)	.---
		Mr. Solge Bajrang Suryakant (T.Y.CO)	.---
		Mr. Hanmant Shrishail Pujari (B.E. Civil)	.---
		Ms. Smita Mahadev Walekar (T.E.E&TC)	.---
		Ms. Pratiksha Hanmant Wagaj (T.E.E&TC)	.---
		Ms. Priyanka Vitthal Kharade (T.E.CSE)	.---
		Ms. Sonali Umesh Chavan (S.Y.E.E.)	.---
		Ms. Padmaja Sanjay Sheta (T.E. CSE)	.---
		Ms. Pooja Himat Vibhute(B.E.CSE)	.---
		Ms. Pratima Sunil Jadhav (T.E. CSE)	.---
37.	**Maintenance & Repairs of campus excluding Electrical Committee** Reporting Authority-Campus In-Charge	Prof. B. D. Gaikwad (Mech) – Coordinator	9545553790
		Prof. M. M. Pawar-Campus In-Charge	9545553888
		Mr. A. K. Parakhe (Mech)	9503632622
		Mr. S. D. Bhosale (Mech)	9921502034
		Mr. J. S. Hallur (E&TC)	9975090344
		Mr. V. M. Sale(CSE)	9175799480
		Mr. S. A. Gosavi (Civil)	9146367210
		Mr. S. C. Ukirde (Electrical)	8600690906
		Mr. K. B. Patil (MBA)	9595921154
		Ms. P. S. Lokare (Diploma Pharmacy)	9146491568
		Mr. Y. N. Arjun (Degree Pharmacy)	9387687145

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
38.	**Electrical Maintenance Committee & Building Maintenance Committee** Reporting Authority- Campus In-Charge	Prof. M. M. Pawar Campus In-Charge	9545553888
		Dr. Mrs. D. A. Tamboli (Elect)-Coordinator	9545553668
		Mr. S. G. Jadhav (Electrical Supervisor & Incharge)	9545553627
		Mr. S. B. Shitole (Electrician)	8888868044
		Mr. G. D. Pharate (Electrician)	9545553626
		Mr. U. R. Misal (Elecrician)	9545553632
		Mr. A. N. Jadhav (Elecrician)	9775159495
		Mr. S. M. Wadekar (Electrician)	9403182738
		Mr. G. P. Jadhav (Lab. Assistant)	7028531751
		Mr. G. S. Sangolkar (Plumber)	9527601357
		Mr. U. S. Kolhe (Lab Assistant)	9665246361
		Mr. P. B. Vyavahare (Diploma Engg.)	8888123140
		Mr. Y. N. Arjun (Degree Pharmacy	9387687145
		Mr. S. H. Yadav (Diploma Pharmacy)	7767003428
39.	**a) AMC & CCTV Maintenance Committee** Reporting Authority- 1. Campus In-Charge 2. Dean Administration	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. S. G. Jadhav -(In-Charge AMC & CCTV)- Coordinator	9545553627
		Mr. N. M. Maske (CSE)	7020805643
		Mr. A. N. Shinde(CSE)	9970905081
		Mr. P. S. Bagal (Diploma Engg.)	9168655318
		Mr. S. B. Shitole (Electrician)	8888868044
		Mr. A. N. Jadhav (Elecrician)	9775159495
		Mr. U. R. Misal (Electrician)	9545553632
		Mr. G. D. Pharate (Electrician)	9545553626
		Mr. S. M. Wadekar (Electrician)	9403182738
		Mr. G. P. Jadhav (Lab. Assistant)	7028531751
		Mr. S. A. Masal (CSE)	9096615449
		Mr. D. V. Londhe (CSE)	9860903519
		Ms. V. M. Ghadage (Office)	9503103757
		Ms. J. B. More (Degree Pharmacy)	7038341939
		SVERI's College of Engineering (Poytechnic), Pandharpur	.---
		Mr. A. S. Bhise (IT)- Coordinator	9096730157
		Mr. S. S. Bhimade (CO)	7767003418
		Mr. A. C. Vasekar (Mech)	9561899026
		Mr. R. J. Salunkhe (Civil)	8421991290
		Ms. R. U. Tarapurkar (EJ)	9860838590
		Mr. P. B. Vyavahare (Elect)	8888123140

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	B) Network Maintenance Committee Reporting Authority- Dean Administration	Mr. A. M. Dyade (CSE)-Coordinator	9545553445
		Mr. J. S .Hallur (E&TC)	9975090344
		Mr. N. M. Maske (CSE)	7020805643
		Mr. D. V. Londhe (CSE)	9860903519
		Mr. Yaseen Mulla (Civil)	7676959545
		Mr. B. S. Surwase (Mech)	9545553819
		Mr. S. D. Bhosale (Mech.)	9921502034
		Mr. M. S. Yadrami (Electrical)	9535322500
		Mr. P. S. More (MBA)	9730089124
		Mr. P. C. Waghmare (CSE)	9545553676
		Mr. A. S. Bhise (Diploma Engg.)	9096730157
		Mr. S. S. Bhimade (Diploma Engg.)	7767003418
		Mr. S. A. Zambare (Diploma Engg.)	8600966066
40.	**Public Address System (P.A. System)** Reporting Authority- 1. Dean Students' 2. HOD, E&TC	Mr. A. A. Kadam (E&TC) Coordinator	9623368188
		Mr. S. G. Jadhav (Electrical Supervisor)-Member	9545553627
		Mr. S. B. Mane (F.Y. B.Tech)	9503103701
		Mr. B. S. Surwase (Mech)	9545553819
		Mr. D. D. Dubal (Mech)	9503081836
		Mr. A. N. Shinde (CSE)	9970905081
		Mr. T. P. Satpute (Electrical)	7776062458
		Mr. S. G. Ronge (Diploma Engg.)	9527555633
41.	**Water Supply Committee** Reporting Authority- Campus In-Charge	Prof. M. M. Pawar- Campus In-Charge Coordinator	9545553888
		Mr. C. C. Jadhav (Mech)	8308689570
		Ms. A. S. Pathan (CSE)	7888170603
		Mr. V. M. Sale (CSE)	9175799480
		Mr. A. B. Kokare (Civil)	9168655395
		Ms. S. A Atole (E&TC)	8999264797
		Mr. S. C. Ukirade (Elect)	8600690906
		Ms. S. D. Mali (F.Y.B.Tech.)	7745838192
		Ms. A. N. Gaikwad (MBA)	7057164775
		Mr. K. B. Patil (MBA)	9595921154
		Mr. S. B. Pawar (Office)	9503103742
		Mr. S. R. Bachute (Office)	9545553631
		Mr. R. M. Wagh (Diploma Engg.)	9096396927
		Mr. A. A. Pawar (Diploma Engg.)	8888563806
		Mr. H. D. Aiwale (Diploma Engg.)	9766236832
		Mr. M. R. Kamble (Diploma Engg.)	7387952539
		Ms. V. B. Maskar (Diploma Engg)	7517705100
		Ms. P. V. Salunkhe (Degree Pharmacy)	9404991811
		Ms. S. S. Yadav (Diploma Pharmacy)	7219794826

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B.Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
42.	**Research and Development Cell (R & D Cell)** Reporting Authority-Dean R & D	Dr. S. B. Salunkhe (Mech) Dean R & D	7038203000
		Mr. A. K. Parakhe- Assistant to Dean R & D	9503632622
		Ms. S. A. Shegdar (CSE)- Assistant to Dean R & D	8600452729
		Mr. M. A. Deshmukh (E&TC) -Asst. to Dean R & D	9970277150
		All Principals under SVERI umbrella	.---
		All Deans	.---
		All HODs	.---
		Mr. P. A. Dhavale (Mech) (UG & PG)	8412053701
		Mr. V. A. Patil (E&TC) (UG & PG)	9975035677
		Ms. S. S. Bhosale (UG) (CSE)	9503103814
		Dr. Mrs. P. A. Hagargi (PG)(CSE)	8310088585
		Dr. R. S. Pawar (Civil) (UG & PG)	9975078018
		Mr. A. A. Tekale (Elect) (UG)	8390848765
		Ms. S. S. Shirke (Diploma Engg.)	8862054695
		Dr. M. G. Maniyar (Degree Pharmacy)	9960565028
		Ms. M. I. Mujawar (Diploma Pharmacy)	9766159298
43.	**ISO Committee** Reporting Authority-Dean Academics	Ms. M. M. Bhore (MBA)- Coordinator and Management System Representative	9545553691
		Dr. P. M. Pawar (Dean Academics)	9766394205
		Ms. V. G. Kalebag (Mech)	8600834998
		Mr. M. S. Mathpati (E&TC)	9503019997
		Mr. P. G. Gaikwad (CSE)	7057516903
		Ms. P. D. Taralgatti (Civil)	9665570392
		Ms. S. P. God (Elect)	7768870789
		Ms. M. M. Awatade (F. Y. B. Tech)	8329390817
		Mr. P. S. More (MBA)	9730089124
44.	**Unnat Maharashtra Abhiyan (UMA) & Unnat Bharat Abhiyan (UBA) Committee** Reporting Authority-Dean R & D	Mr. P. K. Mugdum– Coordinator	9321093310
		All Principals under SVERI umbrella & Deans	.---
		All HODs including Diploma Engg.	.---
		Mr. S. Y. Salunkhe (Mech)	9657198329
		Mr. G. K. Inamdar (Mech)	9890695957
		Mr. A.M.Kasture(E&TC)	9764497497
		Ms.V. D. Jadhav (CSE)-Co-coordinator	9545553837
		Mrs. R. M. Shinde (CSE)	8600126253
		Dr. Ms. V. S. Kshirsagar (Civil)	9545553884
		Mr. S. M. Ghodake (Diploma Engg.)	9561385050
		Mr. J. S. More (Degree Pharmacy)	9921510050
		Miss. N. J. Kulkarni (Diploma Pharmacy)	8390608485
		Ms. S. M. Vasekar (Diploma. Engg.)	9561899026

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
45.	**Earn and Learn Committee** Reporting Authority- 1. Campus In-Charge (Selection of Students & forming related policies) 2. Principals (Selection of Students & forming related policies) 3. Dean Students' (In respect of conduction of Students activities)	Mr. Y. M. Khedkar – Co-ordinator	9545553699
		Mr. M. M. Pawar (Chief Rector)	9545553888
		All Principals under SVERI umbrella	.---
		All HODs – Degree Engg. & Diploma Engg.	.---
		Mr. S. J. Shinde(Mech)	9665919095
		Ms. L.A. Palange (E&TC)	9960471684
		Ms. S. A. Shegdar (CSE)	8600452729
		Dr. R. S. Pawar (Civil)	9975078018
		Mr. S. K. Akireddy (Elect)	8408888506
		Mr. A. B. Chounde (F. Y. B. Tech)	9922341043
		Ms. Sneha A. Jagtap (MBA)	9511711837
		Mr. S. D. Bhingare (Diploma Engg.)	9890236709
		Mr. V. V. More (Degree Pharmacy)	9665196666
		Ms. P. H. Kapase (Diploma Pharmacy)	9172805106
46.	**NBA Committee** Reporting Authority- Dean Academics	Dr. P. M. Pawar – Coordinator	9766394205
		All Principals, All Vice-Principals & All Deans	.---
		All HODs	.---
		Prof. M. M. Pawar (Chief Rector)	9545553888
		Mr. S. M. Bagal (Librarian)	9545553855
		Dr. S. A. Sonawane (Mech)	9850959863
		Ms. V. A. Patil (E&TC)	9975035677
		Ms. V. D. Jadhav (CSE)	9545553837
		Mr. S. M. Shinde (CSE)	9545553846
		Dr. Mr. V. S. Kshirsagar (Civil)	9545553884
		Mr. P. K. Magdum (Elect)	9321093310
		Dr. S. T. Pawar (F. Y. B. Tech)	9970704035
		Mr. M. M. Bhore (MBA)	9545553691
		Mr. S. M. Kawale (Diploma Engg.)-Coordinator	9545552823
		Ms. J. S. More (Degree Pharmacy)-Coordinator	9921510050
		Ms. M. I. Mujawar (Diploma Phamacy)-Coordinator	9766159298
47.	**NAAC Committee for College of Engineering** Reporting Authority- Dean Academics	Dr. S. S. Wangikar -Overall Coordinator	9657720923
		Dr. P. M. Pawar (Dean Academics)	9766394205
		All Deans	.---
		All HODs	.---

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Rongl

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	NAAC Committee for College of Engineering Reporting Authority-Dean Academics	Mr. D. T. Kashid (Mech) (Criterion-I)	9766897735
		Mr. S. Y. Salunkhe (Mech) (Criterion-II)	9657198329
		Mr. P. G. Gaikwad (CSE) (Criterion-III)	7057516903
		Mr. S. A. Inamdar (E&TC) (Criterion-IV)	9922818946
		Mr. M. S. Mathpati (E&TC) (Criterion-IV)	9503019997
		Ms. M. M. Bhore (MBA) (Criterion-VI)	9545553691
		Mr. P. K. Kurzekar (E&TC) (Criterion-VII)	8600136012
		Mr. S. B. Bhosale (Mech)	9545553814
		Ms. V. A. Patil (E&TC)	9975035677
		Ms. V. D. Jadhav(CSE)	9545553837
		Ms. P. D. Taralgatti (Civil)	9665570392
		Mr. S. K. Akireddy (Elect)	8408888506
		Ms. N. A. Kharade (F. Y. B. Tech.)	8308257863
		Mr. P. S. More (MBA)	9730089124
		Mr. R. S. Naiknaware (Degree Pharmacy)-Coordinator	8390906146
48.	**Night Study Committee**. Reporting Authority-Dean Students'	Dr. A. A. Utpat- Coordinator	9158325055
		Ms. A. V. Malge -(F. Y. B. Tech)	9527827715
		Mr. P. B. Bhaganagare (Civil)	9766223522
		Mr. S. S. Jadhav (Mech)	8055836682
		Mr. S. J. Shinde (Mech)	9665919095
		Mr. N. S. Admile(E&TC)	9323590160
		Ms. Madhuri K. Pawar (Electrical)	9604349388
		Ms. R. R. Shinde (CSE)	7588019374
49.	**Academic Calendar Committee** Reporting Authority-Dean Academics	Dr. P. M. Pawar(Dean Academics)-Coordinator	9766394205
		Dr. B. P. Ronge(Principal)	9545193434
		All Deans	.---
		All HODs	.---
		All Section In-Charges	.---
		Dr. R. N. Haridas(F. Y. B. Tech)	9168655354
50.	**Faculty Development Cell** **A) Teaching** Reporting Authority-Dean Academics	Dr. P. M. Pawar (Dean Academics)	9766394205
		Ms. M. M. Bhore (MBA) – Coordinator	9545553691
		Ms. D. V. Patil (CSE)	8605796168
		Mr. C. R. Limkar (Civil)	9511786548
		Mr. Mahesh Yadrami (Elect)	9535322500
		Mr. P. B. Asabe (Mech)	7821004647

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B. Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	A) Teaching Reporting Authority- Dean Academics	Mr. S. P. Swami (E&TC)	8149272261
		Mr. B. S. Savase (F. Y. B. Tech)	9890565810
		Dr. M. G. Maniyar (Degree Pharmacy)	9960565028
	B) Non-Teaching Reporting Authority- Dean Administration	Mr. R. G. Zarkar(Registrar) Coordinator	9545553737
		Mr. S. C. Halkude (E&TC) CoCordinator	9545553628
		Ms. M. M. Bhore-Advisor	9545553691
		Mrs. B. V. Moholkar (Office)	
		Mr. A. A. Ronge (Library)	
		Mr. S. N. Jadhav (Workshop)	9545553823
		Mr. S. G. Jadhav (Electrical Maintenance)	9545553627
51.	**Central Stores and Purchasing related Tender Advertisement** Reporting Authority- Dean Administration	Ms. N. P. Kulkarni (E&TC) -Convener	9823601809
		Prof. S. R. Gavali – Dean Administration	9545553796
		Dr.Mrs. D. A. Tamboli (Elect)	9545553668
		Mr. R. G. Zarkar (Registrar)	9545553737
		Mr. S. M. Karve (E&TC)	9922123002
		Mr. P. K. Kurzekar (CSE)	8600136012
		Mr. A. B. Kokare(Civil)	9168655395
		Mr. S. C. Ukirade (Elect)	8600690906
		Mr. S. M. Bagal (Librarian)	9545553855
		Mr. V. A. Jadhav (Store)	8888279545
		Mr. S. C. Halkude (E&TC)	9545553628
		Mr. S. G. Jadhav (Electrical Supervisor)	9545553627
		Mr. P. S. Bagal (Diploma Engg.)	9168655318
		Mr. S. M. Naiknaware (Degree Pharmacy)	7767003426
		Mr. M. S. Jadkar (Diploma Pharmacy)	9175907570
		Mr. S. S. Tagare -Member Secretary	9765979890
52.	**GATE Committee** Reporting Authority- Dean TPII	Prof. A. A. Mote (Dean TPII)- Coordinator	8698303387
		Mr. V. R. Chavan (Mech)	9890455735
		Ms. S. A. Atole (E&TC)	8999264797
		Mr. H. M. Tamboli (CSE)	9545553668
		Mr. M. G. Deshmukh (Civil)	9448258729
		Mr. S. C. Ukirade (Elect)	8600690906
53.	**Moodle Committee** Reporting Authority- Dean TPII	Mr. R. D. Kulkarni (CSE)-Coordinator	9113559497
		Dr. S. B. Salunkhe (Mech)- Dean R & D	7038203000
		Mr. A. M. Dyade (CSE)	9545553445
		Ms. V. G. Kalebag (Mech)	8600834998
		Mr. H. R. Pawar (Civil)	8208448592
		Ms.P.B. Tathe (E&TC)	8408888597
		Mr. S. K. Akireddy (Elect)	8408888506
		Dr. M. G. Maniyar (Degree Pharmacy)	9960565028

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B. Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
54.	**Website Maintenance Committee** Reporting Authority- Dean Administration	**SVERI's College of Engineering, Pandharpur.**	.---
		Mr. A. M. Dyade(CSE)- Coordinator	9545553445
		Mrs. S. S. Kadam (CSE)	9766880771
		Mr. J. S. Hallur (E&TC)	9975090344
		Mr. P. B. Bhaganagare (Civil)	9766223522
		Mr. D. D. Daphale (Elect)	9765515023
		Mr. S. D. Bhosale (Mech)	9921502034
		Mr. P. S. More (MBA)	9730089124
		SVERI's College of Engineering (Polytechnic), Pandharpur	.---
		Mr. S. A. Zambare (IT)- Coordinator	8600966066
		Mr. S. D. Kolekar (Diploma Engg.)	9403182030
		Mr. S. N. Khurd (Mech)	9552020783
		Mr. H. D. Aiwale (Civil)	9766236832
		Ms. V. V. Khandagle (CO)	9970968126
		Mr. S. S. Gaikwad (FY)	9890566281
		Mrs. S. S. Yadav (EJ)	9657453716
		SVERI's College of Pharmacy, Pandharpur	.---
		Ms. J. S. More	9921510050
		Ms. J. B. More	7038341939
		SVERI's College of Pharmacy (Poly.), Pandharpur	.---
		Ms. S. S. Yadav	7219794826
55.	**Safety Committee for College of Engineering, Pandharpur (Fire Extinguisher, Fire Hydrant etc.)** Reporting Authority- Dean Students'	Dr. R. R. Gidde (Mech) – Coordinator	9922607633
		Dr. A. A. Utpat (Dean Students)	9158325055
		Mr. P. K. Kurjekar (CSE)	8600136012
		Ms. S. V. Jagzap (E&TC)	7744884455
		Mr. Yaseen Mulla (Civil)	7676959545
		Mr. A. A. Tekale (Elect)	8390848765
		Mr. S. D. Bhingare (Diploma Engg.)	9890236709
		Mr. S. B. Pawar (Diploma Engg.)	9767107213
		Mr. Y. N. Arjun (Degree Pharmacy)	9387687145
		Ms. N. A. Dandge (Diploma Pharmacy)	9373091041
56.	**Competitive Exam Cell** Reporting Authority- Dean Students'	Mr. Y. M. Khedkar (Mech)- Coordinator	9545553699
		Prof. A. A. Mote – Dean, TPII	8698303387
		Mr. G. K. Inamdar (Mech)	9890695957
		Ms. S A Atole (E&TC)	8999264797
		Mr. N. N. Salvitthal (CSE)	9423241507
		Ms. S. N. Londhe (Civil)	7841893167
		Mr. S. C. Ukirade (Electrical)	8600690906
		Ms. S. R. Zadbuke (F. Y. B. Tech)	7219844505
		Mr. K. B. Patil (MBA)	9595921154
		Mr. H. B. Waghmare (Diploma Engg.)	9175939112

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
57.	**Admission Committee** Reporting Authority- Dean Admission, Publicity and Protocols	Dr. D. S. Chaudhari– Dean, Admission, Publicity and Protocols- Coordinator	9860160431
		All Deans & HODs	.---
		Dr. S. A. Lendave – Co-coordinator	9545553878
	A) Entire Admission Process	Mr. U. L. Anuse (Mech)	9168655365
		Mrs. P. K. Patil (Mech)	7709211899
		Mr. M. A. Deshmukh (E&TC)	9970277150
	B) F.Y. B. Tech Admission Committee	Mr. P. B. Asabe (Mech)	7821004647
		Mr. M. B.Kulkarni (F.Y.B.Tech.)	9970465498
		Ms. L. A. Palange(E&TC)	9960471684
		Dr. R. N. Haridas (F.Y.B.Tech.)	9168655354
		MS. P. D. Taralgatti (Civil)	9665570392
		Ms. P. R. Dolas (CSE)	8550963754
		Mr. D. D. Daphale (Elect.)	9765515023
	C) S.Y. B. Tech Admission Committee	Ms. S. P. Swami (E&TC)	8149272261
		Mr. A. K. Parkhe (Mech)	9503632622
		Ms. N. D.Deval (CSE)	9689638344
		Mr. G. S. Pawar (Civil)	8149685331
		Mr. P. K. Magdum (Elect.)	9321093310
	D) P.G. Admission Committee	Mr. P. A Dhavale (Mech)	8412053701
		Dr. Mrs. M. M. Pawar(E&TC)	9518930034
		Mr. V. M. Sale (CSE)	9175799480
		Mr. P. B. Bhaganagare (Civil)	9766223522
		Mr. K. B. Patil (MBA)	9595921154
		Mrs. S. A. Jagtap (MBA)	9404705028
58.	**Publicity Committee** Reporting Authority- Dean Admission, Publicity and Protocols	Dr. D. S. Chaudhari Dean, Admission, Publicity and Protocols- Coordinator	9860160431
	A. Digital Media-Website & Publishing SVERI Blogs on Website	Mr. A. M. Dayde (Technical Coordinator)	9535909535
	Publishing SVERI Blogs on Website	Mrs. S. S. Kadam (Member)	9766880771
	Facebook Live	Mr. S. D. Bhosale (Coordinator)	9921502034
		Mr. S. A. Dubal- (Member)	
	Bites of Guests/Alumni/ Parents/Students)	Mr. B. S. Savase (Coordinator) Mr. S. A. Dubal- (Member)	9890565810
	Bites of Academic/ Industry Experts/Alumni	All HODs (Coordinators) Departmental Alumni Coordinators (Members)	.---

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B. Ranje

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	Posting Videos etc. on Facebook/Twitter/Linked In/Instagram/SVERI Tube	Mr. S. S. Tagare- (Coordinator)	9765979890
	T.V.Channels and Web Portals	Mr. S. C. Halkude- (Coordinator)	9545553628
	SMS/Whatsapp/Broadcasting	Mr. U. L. Anuse (Coordinator) Mrs. P. K. Patil (Coordinator)	9168655365 7709211899
	B. Traditional Print Media-News in Newspapers	Mr. S. C. Halkude- (Coordinator)	9545553628
		Mr. R. P. Nagane (Member)	9075349939
	Leaflet/Booklet	Mr. Y. M. Khedkar (Coordinator)	9545553699
		Mr. B. S. Savase (Member)	9890565810
	Departmental News Bulletin	All HODs (Coordinators)	.---
	Magazine & Information Brochure Committee	Mr. Y. M. Khedkar (Mech) – Cocoordinator	9545553699
		Ms. S. S .Kadam (E&TC)	8698026990
		Ms. D. V. Patil (CSE)	8605796168
		Mr. G. S. Pawar (Civil)	8149685331
		Mr. D. D. Daphale (Elect.)	9765515023
		Mr. P. S. More (MBA)	9730089124
		Mr. D. T. Kashid(Mech)	9766897735
		Mr. B. S. Savase (F.Y.B.Tech.)	9890565810
		Mr. S. D. Bhosale (Mech)	9921502034
		Ms. P. V. Salunkhe (Degree Pharmaacy)	9404991811
		Ms. N. J. Kulkarni (Dip. Pharmacy)	8390608485
		Mr. Y. D. Chavan (Dip. Engg.)	9130450605
		Mr. S. C. Halkude	9545553628
59.	**Protocol Committee (Hospitality, Ticketing and Accommodation Committee)** Reporting Authority-Dean Admission, Publicity and Protocols	**SVERI's College of Engineering, Pandharpur.**	.---
		Dr. D.S.Chaudhari – Dean, Admission, Publicity and Protocols- Coordinator	9860160431
		All Deans & HODs	.---
		Mr. K. S. Pukale (Mech)	7776070913
		Mr. S. M. Karve(E&TC)	9922123002
		Mr. S. V. Darshane (CSE)	9096552771
		Ms. P. S. Lachhan (Civil)	9049898348
		Mr. S. K. Akireddy (Elect.)	8408888506
		Mr. K. B. Patil (MBA)	9595921154
		Mr. S. D. Kadam (F.Y.B.Tech)	8999037355
		Mr. N. D. Tade (Office)	8390906200

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
		SVERI's College of Engineering (Polytechnic), Pandharpur	.---
		Mr. S. V. Kulkarni (Mech)-Coordinator	9767107237
		Mr. A. S. Bhise (IT)	9096730157
		Mr. S. D. Bhingare (Mech)	9890236709
		Ms. N. R. Waghmare (Civil)	9146626897
		Ms. G. J. Khare (CO)	7387344300
		Ms. R. R. Deshmukh (EJ)	9527916144
		Mr. P. S. Bagal (Store)	9168655318
		SVERI's College of Pharmacy, Pandharpur	.---
		Mr. V. V. More	9665196666
		Ms. S. S. Chakorkar	8600973143
		SVERI's College of Pharmacy (Poly.), Pandharpur	.---
		Ms. N.A. Dandage	9373091041
60.	**Green Team Committee** Reporting Authority-Dean Students'	Mr. K. S. Pukale (Mech)-Coordinator	7776070913
		Dr. P. M. Pawar (Dean Academics)-Advisor	9766394205
		Ms. S. V. Jagzap (E&TC)	7744884455
		Ms. R. M. Shinde (CSE)	8600126253
		Mr. M. G. Deshmukh (Civil)	9448258729
		Ms. S. P. God (Elect)	7768870789
		Mr. P. S. More (MBA)	9730089124
		Ms. S. D. Mali (F.Y. B. Tech.)	7745838192
		Mr. K. B. Jundale (Diploma Engg.)	8551084285
		Ms. M. S. Holkar (Degree Pharmacy)	9689114783
61.	**Mock Interview of Students** Reporting Authority-Dean TPII	Prof. A. A. Mote (Dean TPII)-Coordinator	8698303387
		Mr. S. V. Jadhav (Mech)	9767571857
		Ms. R. M. Shinde (CSE)	8600126253
		Ms. Mohua Biswas(E&TC)	9366718199
		Mr. Basavraj M. M (Civil)	7795592331
		Mr. H. R. Pawar (Civil)	8208448592
		Mr. M. S. Yadrami (Elect.)	9535322500
		Ms. M. M. Bhore(MBA)	9545553691
		Ms. P. V. Salunkhe (Degree Pharamcy)	9404991811

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B-Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
62.	**Extension Activity for Schools** Reporting Authority-Dean R & D	Dr. S. B. Thigale(CSE)- Coordinator	9970158565
		Mr. S. N. More (Mech)	9822290900
		Mr. K. S. Pukale (Mech)	7776070913
		Ms. N. S. Patil(E&TC)	8275266638
		Mr. A. A. Kadam (E&TC)	9623368188
		Mr. S. M. Karve(E&TC)	9922123002
		Mr. S. A. Inamdar (E&TC)	9922818946
		Ms. N. M. Maske (CSE)	7020805643
		Mr. A. M. Dyade(CSE)	9545553445
		Mr. V. M. Sale (CSE)	9175799480
		Mr. B. B. Jagdale (CSE)	9527928994
		Ms. P. D. Taralgatti (Civil)	9665570392
		Mr. A. A. Tekale (Elect)	8390848765
		Ms. M. D. Ghadage (Diploma Engg.)	9822532952
		Mr. A. A. Pawar (Diploma Engg.)	8888563806
		Mr. S. S. Bhimde (Diploma Engg.)	7767003418
63.	**YIN Committee** Reporting Authority-Dean Students'	Dr. A. A. Utpat, Dean Students-Coordinator	9158325055
		Mr. R. D. Solage (Mech)	9766990274
		Mr. D P Narsale(E&TC)	8605252526
		Mr. S. V. Darshane (CSE)	9096552771
		Mr. Y. B. Patel (Civil)	9764192864
		Ms. Madhuri K. Pawar (Electrical)	9604349388
		Ms. A. N. Gaikwad (MBA)	7057164775
64.	**Vigilance Cell** Reporting Authority-Dean Students'	Dr. A. A. Utpat (Dean Students)-Coordinator	9158325055
		All Deans & HODs	.---
		Mr. A. K. Parakhe (Mech)	9503632622
		Mr. N.S. Admile (E&TC)	9323590160
		Mr. M. S. Survase (Civil)	8806660537
		Ms. S. P. God (Elect)	7768870789
		Mr. P.G. Gaikwad (CSE)	7057516903
		Mr. V. R. Chakote (Degree Pharmacy)	9970747432
		Ms. S. A. Naiknaware ware (Diploma Pharmacy)	8805215762
		Mr. S. V. Kulkarni (Diploma Engg.)	9767107237
		Mr. S. D. Bhingare (Diploma Engg.)	9890236709
		Mr. A. S. Bhatlavande (Diploma Engg.)	9970849588

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B. Range

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
65.	**Institution's Innovation Council(IIC) & ARIIA** Reporting Authority- Dean R & D	Dr. V. S. Khsirsagar (Civil)- Coordinator	9545553884
		Dr. S. B. Salunkhe (Mech)- Dean R & D	7038203000
		All Principals under SVERI umbrella	.---
		All Deans	.---
		All HODs	.---
		Mr. A. K. Parakhe (Mech)	9503632622
		Mr. P. A. Dhavale (Mech)	8412053701
		Mr. C. K. Vhare (Mech)	8766477196
		Dr. Mrs. M. M. Pawar (E&TC)	9518930034
		Mr. M. S.Mathpati (E&TC)	9503019997
		Dr. Mrs. P. A. Hagargi (CSE)	8310088585
		Dr. S. B. Thigale (CSE)	9970158565
		Dr. R. S. Pawar (Civil)	9975078018
		Mr. S. A. Gosavi (Civil)	9146367210
		Mr. A. A. Tekale (Elect)	8390848765
		Ms. S. S. Shirke (Diploma Engg.)	8862054695
		Dr. M. G. Maniyar (Degree Pharmacy)	9960565028
		Ms. M. I. Mujawar (Diploma Pharmacy)	9766159298
66.	**Budget Committee** Reporting Authority- Dean Administration	Dr. Mrs. D. A. Tamboli Overall Coordinator	9545553668
		All Deans, All HODs & All Section In-Charges	.---
		Mr. R. G. Zarkar (Registrar)	9545553737
67.	**SVERI Consultancy Cell** Reporting Authority- Dean R & D	Dr. Mrs. D. A. Tamboli Overall Coordinator	9545553668
		Dr. S. B. Salunkhe	7038203000
		Mr. D. D. Ronge (Mech)	9890695957
		Ms. V. A. Patil (E&TC)	9975035677
		Dr. S. B. Thigale (CSE)	9970158565
		Mr. A. B. Kokare (Civil)	9168655395
		Mr. A. A. Tekale (Elect.)	8390848765
		Dr. M. M. Awatade (F.Y.B.Tech.)	8329390817
		Mr. (MBA)	
		Mrs. S. S. Shirke(Diploma Engg.)	8862054695
		Dr. M. G. Maniyar(Degree Pharmacy)	9960565028
		Ms. M. I. Mujawar (Diploma Pharmacy)	9766159298

SHRIVITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
68.	**Feedback Collection, Analysis and Action Taken Report Committee** Reporting Authority- 1. Dean Academics (Part-A) 2. Dean Administration (Part-B)	Dr. P. M. Pawar (Dean Academics)- Coordinator Members- All HODs	9766394205
		Prof. S. R. Gavali (Dean Administration) - Coordinator	9545553796
		Members- All HODs, Chief Rector, Office Registrar & All Coordinators	.---
69.	**Disaster Management & Preventing Committee(DMPC)** Reporting Authority- Campus In-Charge	Dr. R. R. Gidde - Coordinator	9922607633
		Dr. P. M. Pawar –Advisor	9766394205
		Prof. Mrs. P. K. Patil (Mech.)	7709211899
		Prof. H. K. Bhaldar (E&TC)	9096615501
		Ms. R. M. Shinde(CSE)	8600126253
		Mr. S. G. Jadhav (E&TC)	9545553627
		Mr. P. K. Magdum (Elect.)	9321093310
		Mr. A. G. Ronge (Library)	9860268678
		Mr. S. D. More (Office)	9637382670
70.	**National Institutional Ranking Framework (NIRF)** Reporting Authority- Dean Administration	Prof. S. R. Gavali- Overall Coordinator	9545553796
		Mr. S. B. Bhosale -Joint Coordinator	9545553814
		Mr. A. N. Dyade- Network Coordinator	9545553445
		All Deans & All HODs	.---
		Mr. A. K. Parakhe (Mech)	9503632622
		Ms. V. A. Patil (E&TC)	9975035677
		Mr. T.D. Daphale (Electrical)	9765515023
		Mr. M. M. Basavaraj (Civil)	7795592331
		Ms. S. S. Kadam (CSE)	9766880771
71.	**Class Coordinators**		.---
	a)Mechanical Engineering Reporting Authority- HOD. Mechanical Engineering	S. Y. Div A – Mr. S. J. Shinde	9665919095
		S. Y. Div B – Mr. R. D. Solage	9766990274
		S. Y. Div C – Mrs. P. K. Patil	7709211899
		T. Y. Div. A –Mr. A. A. Shinde	8668416559
		T. Y. Div. B – Mr. C. C. Jadhav	8308689570
		B. E. Div. A – Mr. D. D. Ronge	9890695957
		B.E. Div. B – Mr. S. M. Kale	9960118580

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B Ronge

Sr. No.	Name of the Department/Committee & Reporting Authority	Committee Member(s)	Contact No.
	b)Electronics &Telecommunication Engineering Reporting Authority-HOD. Electronics & Telecommunication Engineering	S. E. Div A – Mr. A. M. Kasture	9764497497
		S. E. Div B – Mr. D. P. Narsale	8605252526
		T. E. Div. A – Ms. S. A. Inmadar	9922818946
		T. E. Div. B – Ms M. A. Deshmukh	9970277150
		B. E. Div. A – Mr. Akahay A Jadhav	9552690535
		B.E. Div. B – Ms. J. S. Hallur	9975090344
	c)Computer Science and Engineering Reporting Authority-HOD, Computer Science and Engineering	S. E. Div. A – Mr. N. M. Maske	7020805643
		S. E. Div. B – Ms. D. V. Patil	8605796168
		S. E. Div. C –Mrs. R. M. Shinde	8600126253
		T. E. Div. A – Mr. B. B. Jagdale	9527928994
		T. E. Div. B – Ms. S. S. Kadam	8698026990
		B. E. Div. A – Ms. S. S. Bhosale	9503103814
		B.E. Div. B – Ms. R. R. Shinde	7588019374
	d)Civil Engineering Reporting Authority-HOD,Civil Engineering	S. E. Div A– Dr. R. S. Pawar	9975078018
		S. E. Div B– Mr. C. R. Limkar	9511786548
		T. E. Div. A- Mr. S. D. Jagdale	9730873511
		T. E. Div. A- Ms. S. C. Bagal	7020233326
		B. E.-Ms. Sonali P. Patil	9922647936
	e)Electrical Engineering Reporting Authority-HOD, Electrical Engineering	S.Y. B. Tech. - Mr. A. A. Tekale	8390848765
		S.Y. B.Tech. – Mr. M.S. Yadrami	9535322500
		T.Y. B. Tech.- Mr. S. K. Akireddy	8408888506
	f)First Year Engineering Reporting Authority-HOD,First Year Engineering	Div A- Mr. A. B. Chounde	9922341043
		Div B- Mr. S. D. Kadam	8999037355
		Div C- Ms. A. V. Malge	9527827715
		Div D- Mr. N. S. Shaikh	9764793186
		Div E- Dr. H. H. Pawar	9860198546
		Div F- Mr. S. D. Bhosale	9921502034
	g)MBA Reporting Authority-HOD,MBA	First year- Ms. M. M. Bhore	9545553691
		Second year- Ms. S. A. Jagtap	9404705028

This arrangement will remain in force till further orders.

Note:

It is mandatory for the committee Coordinators/Heads/Conveners to:-

1) Maintain the minutes of the meeting in proceeding book (Register) failing which, one day salary of the coordinator will be deducted. Attendance to these meetings is mandatory failing which, one day salary of the committee member who remains absent and does not justify his/ her absence will be deducted.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE SVERI PANDHARPUR

B. Range

2) Submit the report at the end of year to the Principal, about activities performed during the year.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE
SVERI
PANDHARPUR

(Dr. B. P. Ronge)
SECRETARY

Copy to:

1) Campus In-Charge
2) Principals under SVERI umbrella
3) Deans
4) HODs and Section In-charges
5) All Coordinators
6) All Staff members under SVERI umbrella through email
7) All Rectors
8) System Administrator (uploading on FTP & Website)
9) Public Relation Officer (PRO)
10) Transport Section
11) Registrar
12) Office Copy

7.1.4

SOP for Maintenance of Water Bodies

SVERI

Shri Vitthal Education & Research Institute, Pandharpur
Regd.No.:Maharashtra/5131/94/solapur [1960(21)]dated 28/12/1994,F-4371 solapur (1950 Mumbai-29) dated 06/03/1995, Gopalpur -Ranjani Road, Gopalpur, P.B. No. 54, Pandharpur- 413 304, Dist. Solapur (Maharashtra) E-mail : coe@sveri.ac.in,Website: www.sveri.ac.in

STANDARD OPERATING PROCEDURE

Following steps to be implemented for cleaning of water coolers with effect from 08/04/2013

1. Empty the tank.
2. Scrub or pressure-wash the interior walls to remove dirt and grime.
3. Rinse out the tank.
4. Mix a solution of household bleach and water (1 tablespoon or 4 gm or 15 ml bleach for every gallon of water). (1 gallon = 3.8 lit.)
5. Scrub or pressure wash the interior walls of the tank with this solution, and leave it sit for 2 hours.
6. After 2 hours, thoroughly rinse the tank with clean water.
7. Refill with potable water.

Note:-

I. Cleaning of water tank will be carried out once in a month with bleach solution.

II. Cleaning of water cooler will be carried out once in a month with bleach solution and twice in a week without bleach.

Prepared by	Checked by	Approved by
Mr. S.J. Joshi (Member-Water Committee)	**Mrs. R.R. Bhosale** (Member-Water Committee)	**Mrs. M.J.Khandekar** (Co-ordinator-Water committee)

SAVE WATER, WORLD IS IN YOUR HANDS

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR
WATER COOLER & TANK CLEANING REPORT : 2016-17 (SEM-II)

Name of Dept : MECH

No. of Water Coolers : 3

SR. NO.	Cleaning		Peon		Details of Student who has monitored			Water Suppply committee member		Stauts of work	SIGN of HOD
	Day	Date	Name	Sign	Name	Class	Sign	Name	Sign		
1	MON	26/12/16	M.S Kadam		Kakade. D.M	TE		PMM		C	
2	THU	29/12/16	M.S Kadam		Bangale K.N	SE		PMM		C	
3	MON	2/1/17	M.S Kadam		Bhosale S.A	S.E		PMM		C	
4	THU	5/1/17	M.S. Kadam		Lomate Y.S	TE		PMM		C	
5	MON.	9/1/17	M.S Kadam		Bandgar R.B	S.E.Mech		PMM		C	
6	THU	12/1/17	M.S Kadam		Pathak V.P.	BE ME		PMM		C	
7	MON	16/1/17	M.S. Kadam		Deomane S.P.	TE(mech)		PMM		C	
8	THU	19/1/17	M.S Kadam		Kamble B.A.	TE		PMM		C	
9	MON.	23/1/17	M.S Kadam		Bagwan N.F	TE		PMM		C	
10	THU	26/1/17	M.S Kadam		Patil. A.C.	T.E		PMM		C	
11	MON	30/1/17	M.S Kadam		Gund P.S.	T.E.		PMM		C.	
12	THU	2/2/17	M.S Kadam		Lotake A.T.	S.E		PMM		C	
13	MON	6/2/17	M.S Kadam		Bajantri M.	S.E		PMM		C.	
14	THU	9/2/17	M.S Kadam		Bhosale V.S.	S.E		PMM		C	
15	MON	12/2/17	M.S. Kadam		Fund B.S.	S.E		PMM		C.	
16	THU	16/2/17	M.S Kadam		Patil Pallavi	SE		PMM		C	

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR
WATER COOLER & TANK CLEANING REPORT : 2015-16

Name of Dept : MECH

No. of Water Coolers : 3

SR. NO.	Cleaning		Peon		Details of Student who has monitored			Water Suppply committee member		Stauts of work	SIGN of HOD/Coordinator
	Day	Date	Name	Sign	Name	Class	Sign	Name	Sign		
1	THU	1/10/15	S.I.R		Monika Mulik	TE-A		AID		C	
2	MON	5/10/15	SIR		Bhosale Priyanka	BE-A		AID		C	
3	THU	8/10/15	SIR		Vasekar S.M	BE-B		AID		C	
4	MON	12/10/15	SIR		Gend A.M.	BE		AID		C	
5	THU	15/10/15	SIR		Shubham walsad-kar	TE		AID		C	
6	MON	19/10/15	SIR		More.R.M	TE		AID		C	
7	THU	22/10/15	SIR		Surwase.G.M	SE		AID		C	
8	THU	26/10/15	SIR		Pandurang loolekar	TE		AID		C	
9	MON	29/10/15	SIR		Patil Pradip	BE		AID		C	
10	THU	2/11/15	SIR		Rakesh Pote	SE		AID		C	
11	MON	5/11/15	SIR		Mulani Asma	TE		AID		C	
12	THU	9/11/15	SIR		Pise Vijay	TE		AID		C	
13	MON	12/11/15	SIR		Mali Suraj	BE		AID		C	
14	THU	16/11/15	SIR		Rushikesh Ekhapure	SE		AID		C	
15	MON	19/11/15	SIR		Sahare G.S	TE		AID		C	
16	THU	26/11/15	SIR		Raut.M.S	BE		AID		C	

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR

WATER COOLER & TANK CLEANING REPORT : 2017-18 (SEM-I)

Name of Dept : Mech

No. of Water Coolers : 3

SR. NO.	Cleaning		Peon		Details of Student who has monitored			Water Suppply committee member		Stauts of work	SIGN of HOD/ Coordinator
	Day	Date	Name	Sign	Name	Class	Sign	Name	Sign		
1	THU	15/06/17	V.R.W		Kale. P.R	SE·mech	Kale PR	/PMM	MSPM	C	
2	MON	19/06/17	V.R.W		Survase.B.J	TEmech	Survase	/PMM	MSPM	C	
3	THU	22/06/17	V.R.W		Raut. M.A	TEmech	Raut	/PMM	MSPM	C	
4	MON	26/06/17	V.R.W		Bankar.Rohit	TEmech	Bankar	/PMM	MSPM	C	
5	THU	29/06/17	V.R.W		Jadhav shubham	SE-A	Jadhav	/PMM	MSPM	C	
6	MON	3/07/17	V.R.W		Mahajans.s.	BE-A	Mahajans	/PMM	MSPM	C	
7	THU	6/07/17	V.R.W		Bandgar R.B	TE mech	[illegible]	/PMM	MSPM	C	
8	MON	10/07/17	V.R.W		Chavan A.S	BE-A	Chavan	/PKB	[illegible]	C	
9	THU	13/07/17	V.R.W		Gaude shubham	BE-B	Gaude	/PKB	[illegible]	C	
10	MON	17/07/17	V.R.W		Bhosale C.V	TEmech	Bhosale	/PKB	[illegible]	C	
11	THU	20/07/17	V.R.W		Jagtap P.S.	BEmech	Jagtap	/PKB	[illegible]	C	
12	MON	24/07/17	V.R.W		Dhumal.P.T.	BEmech	Dhumal	/PKB	[illegible]	C	
13	THU	27/07/17	V.R.W		/Kokare R.R.	BEmech	Kokare	/PKB	[illegible]	C	
14	MON	31/07/17	V.R.W		Loulkar A.D.	B.Emech	[illegible]	/PKB	[illegible]	C	
15	THU	3/08/17	V.R.W		Prashant jagtap	BE-B	Jagtap	/PKB	[illegible]	C	
16	MON.	7/08/17	V.R.W		/Kokare R.R.	BE·MECH	Kokare	/PKB.	[illegible]	C	

Cooler No. 3

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR
WATER COOLER & TANK CLEANING REPORT : 2018-19 (SEM-I)

Name of Dept : **Mech**

No. of Water Coolers : 3

SR. NO.	Cleaning		Peon		Details of Student who has monitored			Water Suppply committee member		Stauts of work	SIGN of HOD/ Coordinator
	Day	Date	Name	Sign	Name	Class	Sign	Name	Sign		
1	MON	9/7/18	J.S.P	J.S.Pawar	Akash N. Bhise	SE A	Akash	C.C.J	Pathan		
2	THU	12/7/18	J.S.P	J.S.Pawar	Ashish N. Gaikwad	SE-A	Gaikwad	C.C.J	Pathan		
3	MON	16/7/18	J.S.P	J.S.Pawar	Piyush D. Nimgire	SE-B	[illegible]	C.C.J	Pathan		
4	THU	19/7/18	J.S.P	J.S.Pawar	C.B. Ashture	SE-B	[illegible]	C.C.J	Pathan	completed on regular basis	
5	MON	23/7/18	J.S.P	J.S.Pawar	Manaelo S.S	BE-B	[illegible]	C.C.J	Pathan		
6	THU	26/7/18	J.S.P	J.S.Pawar	Koshti V.P.	BE-B	VK	C.C.J	Pathan		
7	MON	30/7/18	J.S.P	J.S.Pawar	Mane A.S	BE B	[illegible]	C.C.J	Pathan		
8	THU	02/8/18	J.S.P	J.S.Pawar	Patil S.A	TE-B	[illegible]	C.C.J	Pathan		
9	MON	06/8/18	J.S.P	J.S.Pawar	Pawal R.N.	BE B	[illegible]	C.C.J	Pathan		
10	MON	13/8/18	J.S.P	J.S.Pawar	M.R. A.B. Rakate	TE-B	[illegible]	C.C.J	Pathan		
11	THU	16/8/18	J.S.P	J.S.Pawar	R.S. Nigade S.N	SE-A	[illegible]	C.C.J	Pathan	checked	
12	MON	20/8/18	J.S.P	J.S.Pawar	Deokar S.B	SE-B	[illegible]	C.C.J	Pathan		
13	THU	23/8/18	J.S.P	J.S.Pawar	Nimgire P.D	SE-B	[illegible]	C.C.J	Pathan		
14	MON	27/8/18	J.S.P	J.S.Pawar	A.K. Pawane	MECH	[illegible]	C.C.J	Pathan		
15	THU	30/8/18	J.S.P	J.S.Pawar	R.S. Sonage	TB+A CH	[illegible]	C.C.J	Pathan		
16	MON	03/09/18	J.S.P.	J.S.Pawar	A.H. Sonwalkar	TE(B)	[illegible]	C.C.J	Pathan		

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR

WATER COOLER & TANK CLEANING REPORT : 2019-20 (SEM-I/II)

Name of Dept : **Mech** Cooler No: 1(Near CAD LABI)

SR. NO.	Cleaning		Peon		Details of Student who has monitored			Water Suppply committee member		Stauts of work	SIGN of HOD/ Coordinator
	Day	Date	Name	Sign	Name	Class	Sign	Name	Sign		
1	MON	24/6/19	J.S.P	J.S.Pawar	Amol Nagane	FE	Nagane	CCJ		C	SAS
2	MON	01/07/19	J.S.P	J.S.Pawar	Bapat Vinayak V.	S.Y.	Vinayak	CCJ		C	
3	MON	08/07/19	J.S.P	J.S.Pawar	Khote Abhijit	SY	Abhijit	CCJ		C	
4	MON	15/7/19	J.S.P	J.S.Pawar	Kadam Nilesh	S.Y.	[illegible]	CCJ		C	
5	MON	22/7/19	J.S.P	J.S.Pawar	Gaikwad Abhinay	S.Y.	[illegible]	CCJ		C	
6	MON	29/7/19	J.S.P	J.S.Pawar	Dermane Avinash	BE	Dermane	CCJ		C	SAS
7	MON	05/8/19	J.S.P	J.S.Pawar	A.B. Rakaite	B.E.	[illegible]	CCJ		C	
8	MON	19/8/19	J.S.P	J.S.Pawar	Gayder Akanawar	S.Y.	[illegible]	CCJ		C	
9	MON	26/8/19	J.S.P	J.S.Pawar	Deshmukh Prathip.	SY	[illegible]	CCJ		C	SAS
10	MON	9/9/19	J.S.P	J.S.Pawar	Sonawane Dhanashree	SY	[illegible]	CCJ		C	
11	MON	16/9/19	J.S.P	J.S.Pawar	Akshay hake	B.E	[illegible]	CCJ		C	
12	MON	23/9/19	J.S.P	J.S.Pawar	Rohit Adlinge	T.E	[illegible]	CCJ		C	
13	MON	30/9/19	J.S.P	J.S.Pawar	Nikita Deore	TE	[illegible]	CCJ		C	SAS
14	MON	7/10/19	J.S.P	J.S.Pawar	Ekatpure Prerana S.	SY	[illegible]	CCJ		C	
15	MON	14/10/19	J.S.P	J.S.Pawar	Akshy Jaicale	T.G	[illegible]	CCJ		C	SAS
16	MON	21/10/19	J.S.P	J.S.Pawar	Iswadgare	B.E	Iswadgare	CCJ		C	

Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)
Tel.: 9545553855,9545553601, Toll Free No.: 1800-3000-4131, E-mail: coe@sveri.ac.in, Web: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
NBA Accredited all eligible UG Programmes, NAAC Accredited Institute, Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune. ISO 9001-2015 Certified Institute

Ref No: COEPR/Store/2019-20/86(A) Date: 29/04/2019

To,
Shaikh Rewinding works,
Mahavir Nagar,
Pandharpur.

Sub: Work order for Rewinding Motor

Ref:- Your quotation dated 14/04/2019 and further negotiation

Dear Sir,

With the above reference, we are pleased to place the work order for Annual Maintenance Contract for Rewinding Motors. The details of the same are as given in **Annexure-I** attached herewith.

The order is subject to following Terms and Conditions:

1. Order is on Rate Contract basis for the period of one year from 01/07/2019 to 31/07/2020.
2. Acceptance of material is subject to prior inspection and approval from our side.
3. Prices are inclusive of all taxes, duties, packing, forwarding and transportation up to our institute.
4. Warranty: Three Months comprehensive onsite warranty from the date of satisfactory demonstration.
5. Responsibility to test the faulty motor, give a report about the faulty, repair/rewind and confirm that the motor is working be done by you.
6. Delivery within two days.
7. Payment against the delivery of item, with satisfactory demonstration.

Thank you,

Yours faithfully,

B. Ronge

(Dr. B. P. Ronge)
PRINCIPAL

SVERI's
College of Engineering, Pandharpur
Annexure-I

Name of Rewinding: - Shaikh motor works, PPR.

Sr. No.	Particulars.s	Quantity in No.	Amount in Rs. Per Unit
Monoblock			
1.	Rewinding ½HP Motor	As Per Requirement	500.00
2.	Rewinding 1½HP Motor	As Per Requirement	800.00
3.	Rewinding 2 HP Motor	As Per Requirement	1000.00
4.	Rewinding 3 HP Motor	As Per Requirement	1100.00
	Submercible		
5.	Rewinding 1½ HP Motor single phase	As Per Requirement	1215.00
6.	Rewinding 2 HP Motor single phase	As Per Requirement	1305.00
7.	Rewinding 3 HP Motor	As Per Requirement	1500.00
8.	Rewinding 5 HP Motor	As Per Requirement	1900.00
9.	Rewinding 7 ½HP Motor	As Per Requirement	2500.00
10.	Rewinding 10 HP Motor	As Per Requirement	2900.00
Submercible Busing			
11.	36x50x40	As Per Requirement	220.00
12.	36x50x10	As Per Requirement	300.00
13.	28x20x50	As Per Requirement	350.00
14.	36x48x50	As Per Requirement	350.00
15.	38x40x40	As Per Requirement	230.00
Monoblock Bering			
16.	6202Z	As Per Requirement	95.00
17.	6203Z	As Per Requirement	105.00
18.	6204Z	As Per Requirement	140.00
19.	6205Z	As Per Requirement	170.00
20.	6206Z	As Per Requirement	280.00
21.	6304Z	As Per Requirement	150.00
22.	6305Z	As Per Requirement	200.00
23.	6306Z	As Per Requirement	290.00
24.	6307Z	As Per Requirement	330.00
25.	6308Z	As Per Requirement	490.00
26.	6309Z	As Per Requirement	750.00
Leth M/c Work			
27.	Soft Chavi Gala	As Per Requirement	150.00
28.	Soft Bering Gala	As Per Requirement	130.00
29.	Cover Slive	As Per Requirement	200.00
30.	Submersible Rotor Graiding and Cover Bush Boar	As Per Requirement	300.00
31.	Motor and Pump Fitting	As Per Requirement	300.00
32.	Soft out and Atya	As Per Requirement	200.00
33.	Repair of Jam Pump and Pump Fitting	As Per Requirement	350.00

B. Ronge
(Dr. B. P. Ronge)
PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by NAAC, Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/Store/2016-17/ 1823 Date: - 29/01/2017

To,
Water World Technologies,
55, Laxminarayan Colony,
Behind Sai Mandir, 100 ft Road,
Sangali – 416 416.

Sub: Annual Maintenance Contract (AMC) for our R.O Plants.

Ref:- 1. Order no. COEPR/ Store/2015-16/ 1662 (A) dated 10/01/2016.
2. Your letter dated 24/01/2017.

Dear Sir,

In continuation of the above subject, we are pleased to place an additional work order for Annual Maintenance Contract (AMC) for our R.O. Plants on call basis. The details of the same are as given in **Annexure-I**, attached herewith.

The order is subject to following Terms & Conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Price is inclusive of all taxes except the taxes specifically mentioned above, duties, packing, forwarding and transportation up to our institute, installation and successful demonstration.
3. You will have to visit our place on call basis, inspect the plant and perform the following:
   a) Filter cleaning.
   b) Handling leakage problem.
   c) Motor and other parts oiling.
   d) Indication about replacement of parts.
   e) Cleaning the membrane as per requirement.
4. Quantity of the materials as per the requirement.
5. Delivery: Door delivery within one week from the date of this order.
6. Payment against delivery.
7. The period of AMC shall be from 02/02/2017 to 31/01/2018.

Thank you,

Yours faithfully,

PRINCIPAL

COLLEGE OF ENGINEERING PANDHARPUR

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.: 7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by NAAC, Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/ Store/2016-17/

Date: -

Annexure- I

Sr. No.	Particulars	Unit	Rate in Rs.	VAT in %
1.	10" Spun Cartridges, Make Kemflow	Per No.	250.00	13.5
2.	20" Long Spun, Make: Kemflow	Per No.	450.00	13.5
3.	20" Jumbo Cartridge for Bigblue	Per No.	750.00	13.5
4.	Sand for Sand filter Red/ Bigblue	Per Kg.	30.00	13.5
5.	Activated carbon for ACF filter	Per Kg.	125.00	13.5
6.	1" Multi port valve for sand & carbon filter	Per No.	5000.00	13.5
7.	FRP Vessel 100 ltr. Make Pentair/ MMP/ Hdrosell	Per No.	9500.00	13.5
8.	Membrane 4040 Make Hydranutics USA/ Dow USA BW	Per No.	20000.00	13.5
9.	Antiscalant Chemical (Chemical R.O. 909)	Per Ltr.	550.00	13.5
10.	LPS Switch (Mechanical operated with display)	Per No.	3000.00	13.5
11.	HPS Switch (Mechanical operated with display)	Per No.	3000.00	13.5
12.	Rotameter Range 0 to 2000 Ltr. Maxflow with SS float.	Per No.	3500.00	13.5
13.	Pressure Gauge Range 0 to 20 SS	Per No.	2000.00	13.5
14.	Micro Control Pannel for RO System of Astral for 2 HP Pump one year warranty	Per No.	16000.00	13.5
15.	RO Membrane cleaning with chemicals 1) For RO 500 Ltr. 2) For RO 1000 Ltr. And 3) For RO 1200 Ltr.	Plant	3500.00	--
16.	Visit Charges Per Visit	---	3000.00	--

COLLEGE OF ENGINEERING PANDHARPUR

Principal

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
Accredited by Institute of Engineers (India), Kolkata and TCS, Pune.
ISO 9001-2000 Certified Institute

Ref No: COEPR/Store/2015-16/ 1662(A) Date: - 10/11/2016

To,
Water World Technologies,
55, Laxminarayan Colony,
Behind Sai Mandir, 100 ft Road,
Sangali – 416 416.

Sub: Annual Maintenance Contract (AMC) for our R.O Plants.

Ref:- 1. Order no. COEPR/ 2014-15/ 877 (B) dated 19/11/2014.
2. Your letter dated 08/11/2015.

Dear Sir,

In continuation of the above subject, we are pleased to place an additional work order for Annual Maintenance Contract (AMC) for our R.O. Plants on call basis. The details of the same are as given in **Annexure-I**, attached herewith.

The order is subject to following Terms & Conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Price is inclusive of all taxes except the taxes specifically mentioned above, duties, packing, forwarding and transportation up to our institute, installation and successful demonstration.
3. You will have to visit our place on call basis, inspect the plant and perform the following:
   a) Filter cleaning.
   b) Handling leakage problem.
   c) Motor and other parts oiling.
   d) Indication about replacement of parts.
   e) Cleaning the membrane as per requirement.
4. Quantity of the materials as per the requirement.
5. Delivery: Door delivery within one week from the date of this order.
6. Payment against delivery.
7. The period of AMC shall be from 01/12/2015 to 30/11/2016.

Thank you,

Yours faithfully,

PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
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Ref No: COEPR/ 2015-16/

Date: -

Annexure- I

Sr. No.	Particulars	Unit	Rate in Rs.	VAT in %
1.	10" Spun Cartridges, Make Kemflow	Per No.	250.00	12.5
2.	20" Long Spun, Make: Kemflow	Per No.	450.00	12.5
3.	20" Jumbo Cartridge for Bigblue	Per No.	750.00	12.5
4.	Sand for Sand filter Red/ Bigblue	Per Kg.	30.00	12.5
5.	Activated carbon for ACF filter	Per Kg.	125.00	12.5
6.	1" Multi port valve for sand & carbon filter	Per No.	5000.00	12.5
7.	FRP Vessel 100 ltr. Make Pentair/ MMP/ Hdrosell	Per No.	9500.00	12.5
8.	Membrane 4040 Make Hydranutics USA/ Dow USA BW	Per No.	20000.00	12.5
9.	Antiscalant Chemical (Chemical R.O. 909)	Per Ltr.	550.00	12.5
10.	LPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
11.	HPS Switch (Mechanical operated with display)	Per No.	3000.00	12.5
12.	Rotameter Range 0 to 2000 Ltr. Maxflow with SS float.	Per No.	3500.00	12.5
13.	Pressure Gauge Range 0 to 20 SS	Per No.	2000.00	12.5
14.	Micro Control Pannel for RO System of Astral for 2 HP Pump one year warranty	Per No.	16000.00	12.5
15.	RO Membrane cleaning with chemicals 1) For RO 500 Ltr. 2) For RO 1000 Ltr. And 3) For RO 1200 Ltr.	Plant	3500.00	--
16.	Visit Charges Per Visit	---	3000.00	--

Principal

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
SVERI
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
Tel.:7755990201,7767003377 E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
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Thank you,

Yours faithfully,

PRINCIPAL

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist. Solapur (Maharashtra)
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Annexure- I

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16.	Visit Charges Per Visit	---	3000.00	--

Principal

Waterworld Technologies

55, Lane No.1, Laxminarayan Colony, 100 Ft. Road, Behind D Mart, Sangli.Mobile : 9890903446

INVOICE

- [ ] Original for Recipient
- [ ] Duplicate for Transporter
- [ ] Triplicate for Supplier

GSTIN/UIN : GSTIN / UIN : 27AJGPT5019B1ZC
PAN : AJGPT5019B
Invoice No. : 08
Invoice Date : 07/09/2017
State : Maharashtra State Code :

Transportation Mode : By hand
Vehicle Number : —
Date of Supply : 07/09/2017
Place of Supply : Pandharpur

Details of Receiver / Billed to :
Name : College of Engineering pandharpur
Address : Gopalpur - Rajani wadi pandharpur

GSTIN : 27AAHTS3090B1[redacted]Z1
State : Maharashtra
State Code : 413304

Sr. No.	Description of Goods	HSN ACS	GST Rate	Qty.	Rate	Per	Disc.	Amount
1)	20" Jumbo Cartridge	84212190	18%	50 nos	750	nos	—	37,500=00
2)	Antiscalent Chemical	38249022	18%	50 lit	550	lit	—	27,500=00
	TOTAL							65000=00

Total Invoice Amount In Words : Seventy six thousand seven hundred only

Total Amount Before Tax		65000=00
Add : CGST	9 %	5850=00
Add : SGST	9 %	5850=00
Tax Amount : GST		11,700=00
Total Amount After Tax :		76,700=00
GST Payable on Reverse Charge :		

Company's Bank Details :
Bank Name : Bank of India, Sangli.
Bank Account No. : 160020110000330
Bank Branch IFSC : BKID0001600

Terms & Conditions :

Certified that the particulars given above are true and correct.

For, **Water world Technologies**

Authorised Signatory

Water World Technologies

SS, Laxminarayan Colony, Behind Sai Mandir, 100 ft Road, Sangli – 416416
Ph : 9890903446

Date :05/09/2017

To,

The Principal

College of Engineering

Pandharpur

Sub- About supply of RO Spare, Repairy and Servicing.

Dear Sir,

As per you given Order No. COLEPR 2014-2015/877 (B) Dated 19/11/2015 and COLEPR/2014-15/1994 (A) dated 25/03/2017. We are working with your prestigious organization. We are taking 13.5% VAT on RO Spare. But as per Government new rule from 01/07/2017 GST is applied and GST on Ro Spare repair and servicing is 18%.

We are requesting to you please change the above purchase order and please send new purchase order to us.

Thanking you and assuring you the best services at all times, we remain. We await for your most valued order and in getting associated with you prestigious organization.

Your Faithfully

Water World Technologies

Revision
Approved as applicable rates.
However, issue sc put before
Purchase/Eqpt. Committee.
B. Range
15/09/17

Appendix-III

(ANISO9001:2015CertifiedCompany)

PAPILLON INDUSTRIAL ELECTRICALS

Electrical Engineers & Contractors

Office:103, AWing, Rajgad Heights,Near Nilam Palace,Kasba,Baramati,Dist.Pune-413102

Email:sales@papillonie.com|Tel:02112-228006|Mob:+91-9503039006

- Turnkey Electrical Projects – HT/LT
- Liaison Work (Electrical Inspection & PWD)
- Certified Energy Auditors
- AMC Management
- Electrical Control Panels
- Electrical Safety Audits

COVERING LETTER FOR SUBMISSION OF AUDIT REPORTS

Ref. No: - SVERI/2019-20/ELECT/94/FR-27 DATE: -08/04/2021

To,

Shri Vitthal Education and Research institute,
Gopalpur-Ranjani Road, P.B. No.54, Gopalpur
Pandharpur-413 304,
Dist. Solapur, Maharashtra, India.
Mo: +91-974354809

Kind Attn: -S. G. Jadhav sir

SUBJECT: -Prices for Installation house wiring Points for G+2 building.

Your PO Ref:SVERI/2019-20/ELECT/94
Date:25/03/2020

Dear Sir,

We are very much thankful for your valuable order. Based on your given order please find enclosed reports.

1. Electrical Energy Audit Report
2. Green Energy Audit Report
3. Earthing Report

In case you need any further information or clarification, we shall be pleased to furnish the same on hearing from you.

Thanking you and assuring you our best and prompt action at all times.

With Best Regards,

Mr. Shivprasad Gadhave | Proprietor
Papillon Industrial Electricals, Baramati
(AN ISO 9001:2015 Certified Company)
Tel: 02112-228006, Wireless: +91-9503039006

(ANISO9001:2015CertifiedCompany)

PAPILLON INDUSTRIAL ELECTRICALS

Electrical Engineers & Contractors

Office: 103,A Wing,Rajgad Heights,Near Nilam Palace,Kasba,Baramati,Dist.Pune-413102

Email:sales@papillonie.com|Tel:02112-228006|Mob:+91-9503039006

- Turnkey Electrical Projects – HT/LT
- Liaison Work (Electrical Inspection & PWD)
- Certified Energy Auditors
- AMC Management
- Electrical Control Panels
- Electrical Safety Audits

ENERGY & GREEN AUDIT REPORT

Academic Year – 2020 – 2021
Date of Audit – March 2021

Institute Name –
Shri Vitthal Education and Research Institute,
Gopalpur-Ranjani Road, P.B. No.54, Gopalpur
Pandharpur-413 304,
Dist-Solapur, Maharashtra, India.

Auditing Agency –
Papillon Industrial Electricals
Office No-11, Shreeram Udyog Bhavan,
Near Yamaha Showroom, Baramati, Dist- Pune-413 102.
Energy Auditor's Certificate Registration Code- EA-29574.
Energy Auditor Name- Mr. Anand Rajendra Dande.

M/s. Papillon Industrial Electricals

Acknowledgement

We express our sincere thanks to the management of Shri Vitthal Education and Research Institute for giving us the assignment of carrying out the detailed energy audit and green audit of their Institute premises. We sincerely appreciate the effort and support provided by the management team of Institute during our working period at the Institute.

We would like to applaud the good practises that are carried out in theInstitute premises. Such practises are really laudable and can help the Institute run better.

We hope this report is as per your satisfaction and should be able to help you manage your energy better and obtain the said benefits.

Yours Sincerely
Energy Audit team

Institute s Under Shree Vitthal Education Research Institute, Pandharpur

I) College of Engineering, Pandharpur
II) College of Engineering (Polytechnic), Pandharpur
III) College of Pharmacy, Pandharpur
IV) College of Pharmacy(Polytechnic), Pandharpur

INDEX

M/s. Papillon Industrial Electricals

Executive Summary

Sr.No.	Parameter	Energy Savings (kWh)	Cost saving (Rs.)	Investment (Rs.)	Payback period (Months)
1.	Replacement of 70 W Fan to 28 W BLDC Fan	1,83,759	17,42,029	57,33,335	39
Total		1,83,759	17,42,029	57,33,335	39

Lighting –

Some of Existing lighting for classes and offices are of non-efficient T5 of 40 W and they are degraded by the period of usage. So, we can replace that efficient LED lights. Energy and cost Savings can be achieved through installation of tube lights.

BLDC Fans –

Institute can install BLDC Fans instead of conventional fan that can be save energy and subsequent effects of comfort cooling's can be achieved through this measure.

Green Audit -

Carbon dioxide generation of campus due to usage electricity and other modes like transport as very much catered by following means like usage of 405 kWp solar PV plant in the campus, usage of solar water heater for hostel premises for water heating, usage of small amount of rain water harvesting and Sewage treatment plant in the campus. Also, there are multiple number of trees in the Institute campus which are planted by Institute or naturally cultivated. So, there is very less chance of CO_2 emission in Institute facility.

Abbreviations

Eff	-	Efficiency
Hr	-	Hour
K Cal	-	Kilo Calories
kWh	-	Kilo Watt Hour
MT	-	Metric Ton
Kg	-	Kilogram
H P	-	High Pressure
L P	-	Low Pressure
T_2	-	Temperature Final
T_1	-	Ambient Temperature
MW	-	Mega watt
TPH	-	Tones per hour
ΔT	-	Temperature Difference
MD	-	Maximum Demand
CD	-	Contract Demand
AMD	-	Actual maximum Demand
PC	-	Powder Coating
PT	-	Pre-Treatment Line
TOD	-	Time of Day tariff
VSD	-	Variable Speed Drive
DBT	-	Dry Bulb Temperature
WBT	-	Wet Bulb temperature
RH	-	Relative Humidity
TR	-	Tons of refrigeration
KW	-	Kilo Watts
KVA	-	Kilo Volt Ampere
KVAr	-	Kilo Volt Ampere Reactive
PF	-	Power Factor

Chapter I
Electricity Bill Analysis

Shree Vitthal Education & Research Institute has the following details for contract with MSEDCL.

Consumer no – 337019052100

Meter no – 055- XB452203

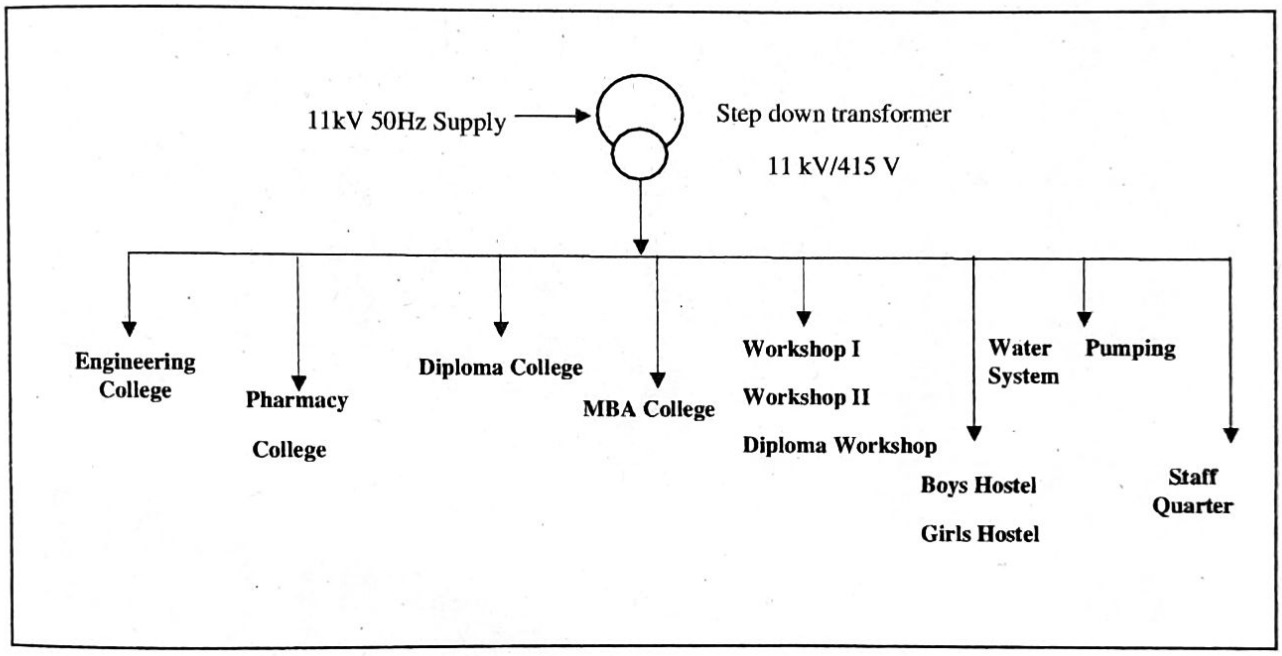
Connected Load – 460 kW

Connected Solar plant – 400kW.

Contract demand – 408 kVA

Unit Rate – 9.48 Inr/kVAh

Tariff – 146– HT VIII – B



We have Studied you MSEDCL bills from April 2020 – Feb 2021, during this, following has been the trend of bills for the imported energy from MSEDCL: -

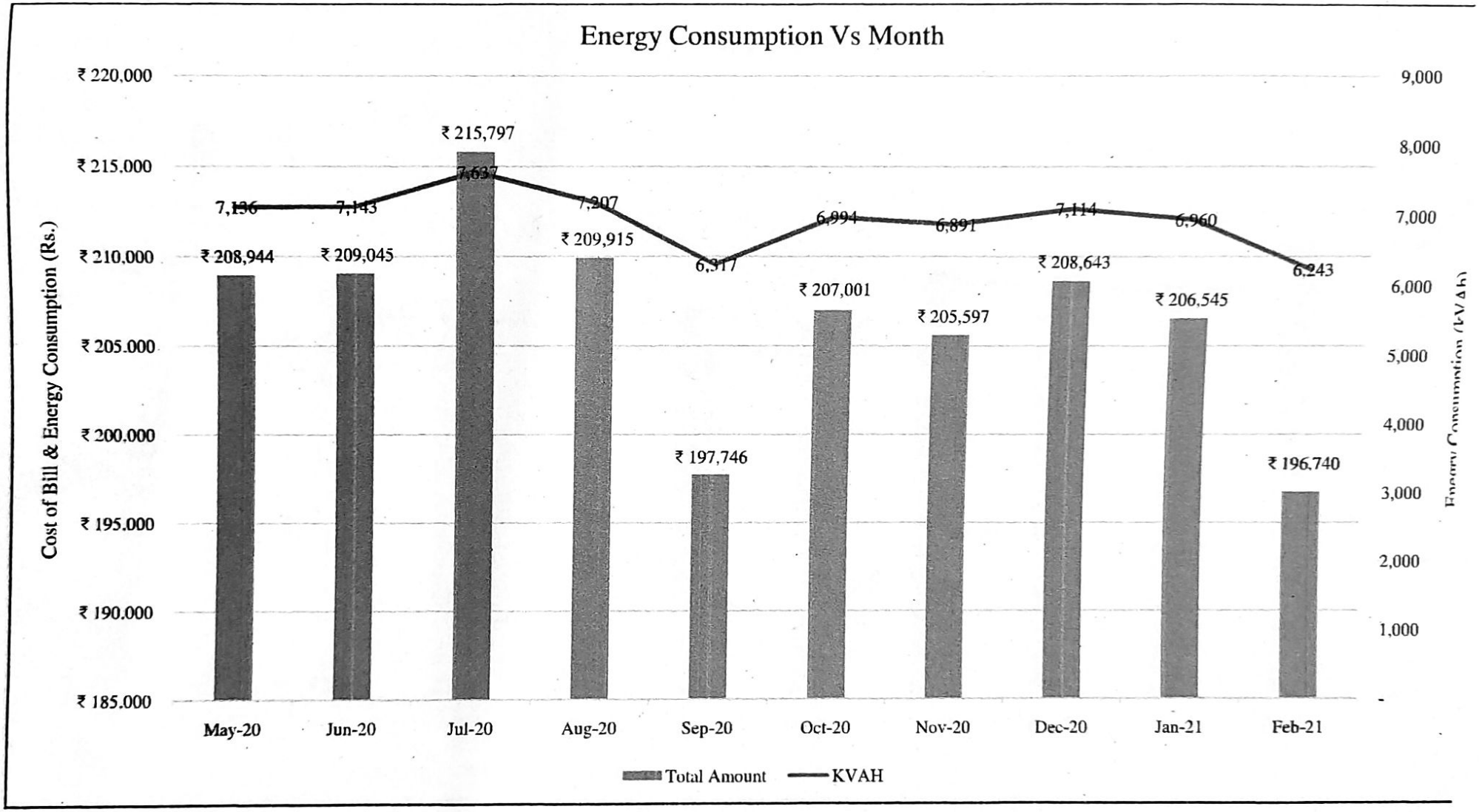
Parameter	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20	Apr-20
Contract Demand	408	408	408	408	408	408	408	408	408	408	408
Billed Demand	224	224	224	224	224	224	224	224	224	224	224
Maximum Demand	90	88	86	74	75	76	81	92	91	82	90
Billed PF	0.992	0.995	0.988	0.99	0.988	0.987	0.99	0.993	0.994	0.99	0.997
Energy Consumed kWh	20,928	24,023	23,080	22,448	24,670	21,008	25,303	27,240	25,243	23,693	23,630
Adjustment Solar Units kWh	14,735	17,098	16,051	15,626	17,760	14,730	18,168	19,565	18,143	16,628	16,454
Total Consumption kWh	6,193	6,925	7,029	6,822	6,910	6,235	7,135	7,675	7,100	7,065	7,176
kVAh	6,243	6,960	7,114	6,891	6,994	6,317	7,207	7,637	7,143	7,136	7,198
kVArh lag	338	598	575	320	458	243	223	508	908	808	905
kVArh lead	2,313	1,753	3,048	2,950	3,365	3,178	3,373	2,745	1,970	2,523	2,365
Demand Charges	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064	₹ 92,064
Wheeling Charges	₹ 3,559	₹ 3,967	₹ 4,055	₹ 3,928	₹ 3,987	₹ 3,601	₹ 4,108	₹ 4,353	₹ 4,072	₹ 4,068	₹ 4,103
Energy charges	₹ 59,184	₹ 65,981	₹ 67,441	₹ 65,327	₹ 66,303	₹ 59,885	₹ 68,322	₹ 72,399	₹ 67,716	₹ 67,649	₹ 68,237
TOD EC	₹ 6,867	₹ 7,656	₹ 7,827	₹ 7,581	₹ 7,693	₹ 6,949	₹ 7,928	₹ 8,401	₹ 7,857	₹ 7,850	₹ 7,920
FAC	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Duty	₹ 33,951	₹ 35,630	₹ 35,991	₹ 35,469	₹ 35,710	₹ 34,125	₹ 36,209	₹ 37,215	₹ 36,059	₹ 36,042	₹ 36,188
Bulk Consumption Rebate	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Incremental Consumption Rebate	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Tax	₹ 1,115	₹ 1,247	₹ 1,265	₹ 1,228	₹ 1,244	₹ 1,122	₹ 1,284	₹ 1,365	₹ 1,278	₹ 1,272	₹ 1,292
Total Amount	₹ 1,96,740	₹ 2,06,545	₹ 2,08,643	₹ 2,05,597	₹ 2,07,001	₹ 1,97,746	₹ 2,09,915	₹ 2,15,797	₹ 2,09,045	₹ 2,08,944	₹ 2,09,804

M/s. Pallavi Industrial Electricals

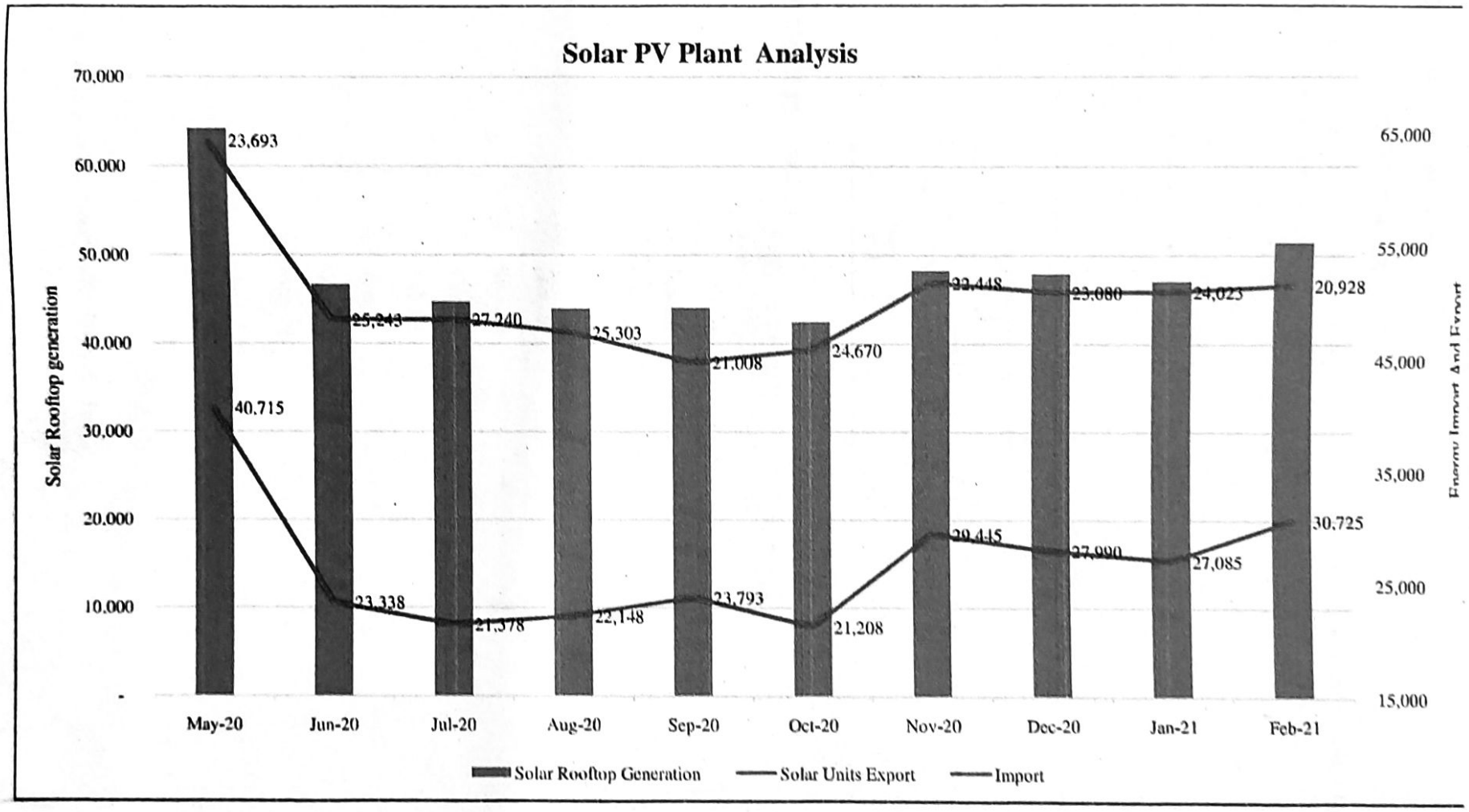
Billing System – Jan 2020 – Mar 2020

Parameter	Unit	Mar-20	Feb-20	Jan-20
Contract Demand	kVA	408	408	408
Billed Demand	kVA	204	204	204
Billed PF		0.997	0.995	0.994
Billed MD	KVA	204	194	192
Energy Consumed	kWh	45985	57862	58335
Solar Units	kWh	26618	0	12590
Adjusted Units	kWh	19367	57862	45745
KVAH	kVAh	46070	57942	58453
kVArh lag	kVArh	1215	1182	1755
kVArh lead	kVArh	2180	4802	4880
Demand Charges	₹	79,764	79,764	79,764
Wheeling	₹	14,719	33,155	34,766
Energy Charges	₹	1,87,860	5,61,261	4,43,727
TOD EC	₹	5,965	-12,273	-10,386
FAC	₹	23434.07	68055	61755.75
Electricity duty	₹	65,465	1,24,291	1,28,021
Tax	₹	3,486	7,852	8,234
Pf incentive	₹	-10910	-20715	-15240
Total Bill	₹	3,69,782	7,03,292	7,30,641

Electricity Bill analysis –



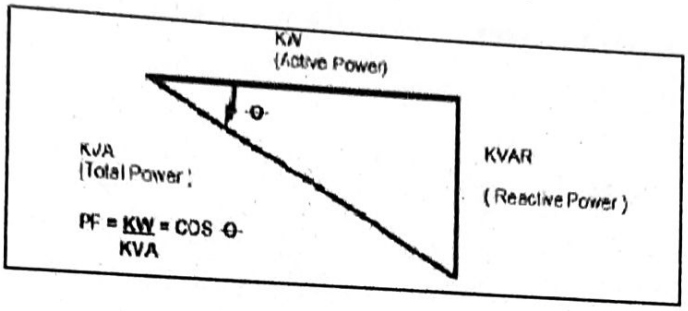
Solar Rooftop Plant Analysis -



Observation & comments –

I) **Power factor Basics**

In all industrial electrical distribution systems, the major loads are resistive and inductive. Resistive loads are incandescent lighting and resistance heating. In case of pure resistive loads, the voltage (V), current (I), resistance (R) relations are linearly related, i.e., = I × R and Power (kW) = V × I. Typical inductive loads are A.C. Motors, induction furnaces, transformers and ballast-type lighting. Inductive loads require two kinds of power: a) active (or working) power to perform the work and b) reactive power to create and maintain electro-magnetic fields. Active power is measured in kW (Kilo Watts). Reactive power is measured in kVAr (Kilo Volt-Amperes Reactive).



Monthly Power Factor –

Month	Power Factor
Feb-21	0.992
Jan-21	0.995
Dec-20	0.988
Nov-20	0.99
Oct-20	0.988
Sep-20	0.987
Aug-20	0.99
Jul-20	0.993
Jun-20	0.994
May-20	0.99
Apr-20	0.997

Power factor is maintained to unity in respective month.

II) **Energy Consumption –**

Institute has following energy consumption pattern –

Month	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Solar Rooftop Generation (kWh)	51,446	47,090	47,908	48,247	42,446	44,046	43,928	44,769	46,651	64,148
Solar Units Export (kWh)	30,725	27,085	27,990	29,445	21,208	23,793	22,148	21,378	23,338	40,715
Import (kWh)	20,928	24,023	23,080	22,448	24,670	21,008	25,303	27,240	25,243	23,693
Adjusted (kWh)	14,735	17,098	16,051	15,626	17,760	14,773	18,168	19,656	18,143	16,628
Bank (kWh)	1,22,917	1,06,927	96,939	85,000	71,181	67,733	58,713	54,733	53,010	47,815
Total Energy Consumption (kWh)	**41,649**	**44,028**	**42,998**	**41,250**	**45,908**	**41,261**	**47,083**	**50,631**	**48,556**	**47,126**
Energy consumption per day (kWh)	**1,487**	**1,420**	**1,387**	**1,375**	**1,481**	**1,375**	**1,519**	**1,633**	**1,619**	**1,520**

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We shall be discussing each parameter one by one for the meter.

1. **Voltage**

The voltage has been recorded for all intervals; the voltage can be represented as follows:-

	Vrms ph-n RN	Vrms ph-n YN	Vrms ph-n BN	Vrms ph-n NG	Vrms ph-ph RY	Vrms ph-ph YB	Vrms ph-ph RB
Maximum	253.8	257.6	256.9	6	442.4	446.28	441.7
Minimum	0.14	0.04	0.2	0.06	0.12	0.2	0.08
Average	240.75	243.62	243.30	3.98	419.36	422.92	418.09

Observations and Remarks –
Voltage is seen to be normal in all the phases. The mean voltage is set at 243.62 V or 419.36 V Neutral to Ground voltage is 3.98 V for average value
Standards Referred – EN50160 – Voltage Fluctuation within 10% is allowed.

2. **Current**

Current has been recorded in all the phases including neutral Current. It can be shown as per the table and graph below.

		Current R Avg.	Current Y Avg.	Current B Avg.	Current N Avg.
Maximum	A	307	292	280	50
Minimum	A	1	1	0	0
Average	A	121.91	103.718	100.98	33.02

Observations and Comments -
- Current is driven by the load. This parameter has no limit and is based upon the requirement of the Institute.

- ***Neutral Current is in limit.***
The rule states that allowable limit of neutral current of 10% of load current. The present demand does not comply with this standard
Reference Standards –
Neutral Load Current allowable less than 10% of load current.

3. **Frequency –**

Frequency of the network is being monitored in this logging session. The summary can be shared as follows

		Frequency Avg
Maximum	Hz	50.16
Minimum	Hz	49.83
Average	Hz	50.01

Observations and Remarks -
- Frequency is normal and is within tolerance of +-2%
Standards Referred –
EN 50160- Mean Value of fundamental measured over 10s +/- 2% for 99.5%

4. **Power-**

In this section we shall discuss the power drawn by the load. Active reactive and apparent power has been recorded and summarised as below:-

Active Power During Solar Plant is producing electricity: (Time: 07:52:00 AM to 05:02:00PM)

			R Phase	Y Phase	B Phase	Total
Active Power	Maximum	kW	74.50	72.5	68.5	214.5
	Minimum	kW	0.5	0.5	0.5	1.5
	Average	kW	44.84	41.32	41.77	127.803

Active Power During Solar Plant is not producing electricity: (Time:05:03:00PM to07:51:00 AM)

			R Phase	Y Phase	B Phase	Total
Active Power	Maximum	kW	23.5	28.5	26.5	78
	Minimum	kW	18.64	15.13	13.03	46.82

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	Average	kW	18.69	15.15	13.11	46.91

Observations and Remarks -
- As mentioned previously in the current Section, the power drawn by the load is as per the requirement of the load.

5. **Energy –**

As seen in the power section, the energy that has been consumed over 24 hours can be stated as follows.

No Load Condition: (11/03/2021)

Energy consumption During Solar Plant is off:(Time: 05:03:00PM to 07:51:00 AM)

Forward				
	R Phase	Y Phase	B Phase	Total
Kwh	261.485	214.370	185.85	661.525

Energy consumption During Solar Plant ison:(Time: 07:52:00 AM to 05:02:00PM)

Reverse				
	R Phase	Y Phase	B Phase	Total
Kwh	398.660	362.860	364.355	1125.69

Observations and Remarks -
The energy consumed by the plant is normal as per the requirement.

6. **Harmonics: -**

The harmonics are being monitored and recorded in this instrument. The summary can be as given below.

		Voltage R Phase	Voltage Y Phase	Voltage B Phase	Voltage NG	Current R Phase	Current Y Phase	Current B Phase	Current N Phase
Max	%	56.19	128.73	170.31	327.67	258.61	131.82	233.55	327.67
Min	%	0.75	0.62	0.88	43.07	5.17	3.41	7.25	42.8
Avg.	%	1.36	1.53	1.93	140.05	16.19	12.34	23.29	122.02

Observations and Remarks -
Voltage Harmonics – - Voltage Harmonics are within tolerable limits of 5%, Individual Harmonic distortion is within 3 %. - Neutral voltage harmonics are 140.05 %, this is due to the presence of non-linear loads & lack of earthing. Current Harmonics – - Current Harmonics are not within tolerable limits of 3rd& 5th harmonics 5% - The individual harmonic distortions are not within the tolerance of 7% as given by the standards. - Neutral Harmonics are high with average of 140.05%. and maximum is 327.67%
Recommendation – **To reduce the effects of harmonics on the system by harmonic filters are recommended.**
Standard Referred – IEEE 519

Summary of Observations

The Summary of the observations made in this chapter can be shared as per the individual parameters are as follows -

- Voltage –

Voltage is seen to be normal and within specified limits however Neutral to Ground voltage is 2 V for average value.

- Current –

Load current is subject to requirements of the plant and will fluctuate as per the load.

- Power –

Power is similar to current as the required power is drawn by the load.

- Frequency –

Frequency is seen to be normal.

- Voltage Harmonics –

Voltage Harmonics are not within tolerable limits of 5%, Individual Harmonic distortion is within 3 %.Neutral voltage harmonics are 140.05 %, and this is due to the presence of non-linear loads & lack of earthing.

- Current Harmonics –

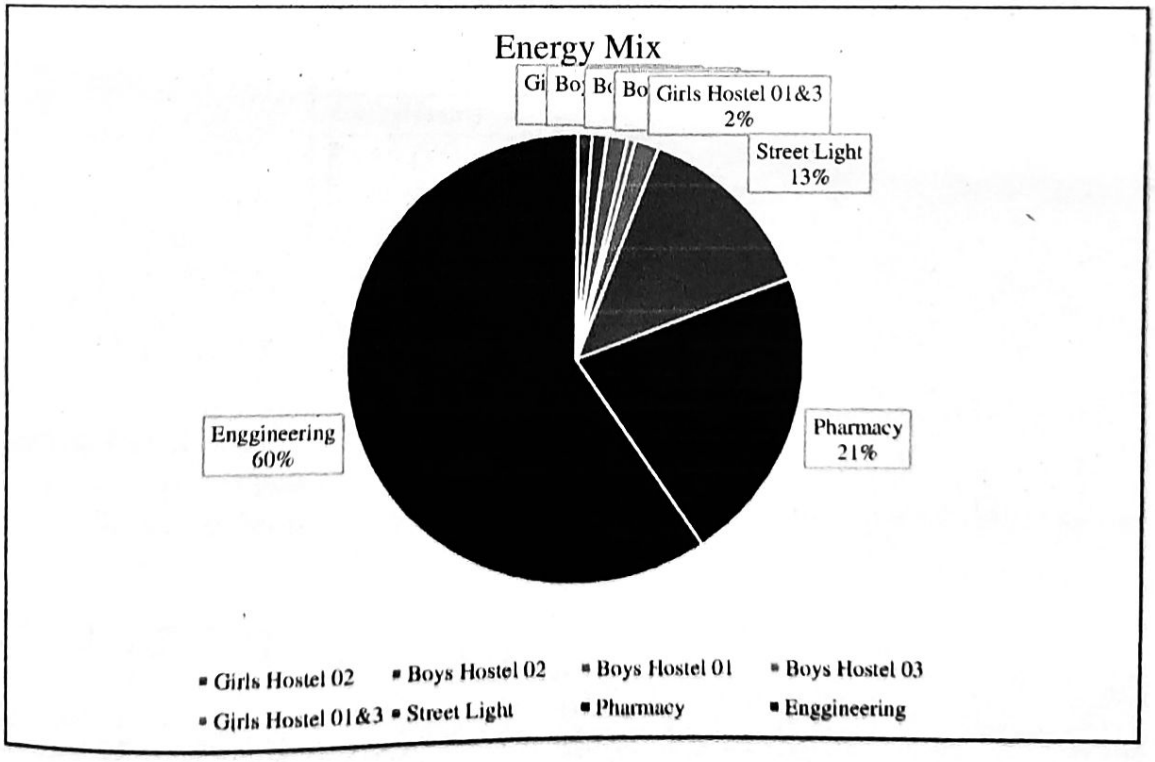
Current Harmonics are not within tolerable limits of 3rd& 5th harmonics 5%. The individual harmonic distortions are not within the tolerance of 7% as given by the standards. Neutral Harmonics are high with average of 140.05%. and maximum is 327.67%

Chapter III
Connected Load

Energy Mix –

Feeder wise energy distribution in the institute campus is as follows –

Sr.No.	Feeder	Power (kW)	Voltage (V)	Current (A)	Power Factor
1	Girls Hostel 02	1.5	406	2.03	0.9
2	Boys Hostel 02	1.62	406	2.36	0.9
3	Boys Hostel 01	2.22	425	3.38	0.9
4	Boys Hostel 03	0.81	422	1.89	0.9
5	Girls Hostel 01&3	2.64	421	3.77	0.9
6	Street Light	20.52	423	28.18	0.9
7	Pharmacy	32.43	423	48	0.94
8	Engineering	90.9	420	134	0.95



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Pumps –

Pump name	Power (kW)	Voltage (V)	Current (A)	Power Factor
Waste Water Motor 01	3.39	422	4.53	0.9
Waste Water Motor 02	1.65	422	3.5	0.9
Borewell 1	9.345	411	15.47	0.84
Borewell 2	9.052	410	15	0.85
Municipal Well Pump	10.8	410	28.47	0.851
Boys Hostel	2.25	417	5.94	0.994
Water Supply Engg Institute	3.42	410	8.52	0.719
Girls Hostel	6.03	418	10.38	0.78
Pharmacy Institute	5.19	418	9.58	0.767
R.O.Mineral Pump	3.69	409	6.7	0.791
STP Air Blower	4.22	409	12.6	0.812
STP Submersible Pump	0.63	404	1.37	0.99
STP Scrubber Pump	1.32	402	3.91	0.85

Energy Savings –

Replacement of existing fans to efficient brushless Direct current fans

ProposedFan:BLDC 28 W fan
Description:

Finish	Metallic
Sweep (mm)	1200
Power (W)	28
RPM	360
Air Delivery CMM (m^3/min)	240
Power factor	0.99
Service value (CMM/W)	8.6
MRP	3145

Savings Calculation:

I) **Institute fans –**

- Operational hours of 8 during working and 300 days of operation is considered for the Institute.

No of Existing Fans	Wattage of Fan (W)	Total Operating (Hr)	No of Days	Energy Consumption (kWh)	BLDC Fan (W)	Energy Consumption (kWh)	Savings (kWh)	Cost Savings (Rs)	Investment (Rs)	Payback Period (Months)

1262	70	8	300	2,12,016	28	84,806	1,27,210	12,05,947	39,68,990	39

II) Hostel fans –

- Operational hours of 12 during non-working and 330 days of occupancy is considered for the Institute.

No of Existing Fans	Wattage of Fan (W)	Total Operating (Hr)	No of Days	Energy Consumption (kWh)	BLDC Fan (W)	Energy Consumption (kWh)	Savings (kWh)	Cost Savings (Rs)	Investment (Rs)	Payback Period (Months)
561	70	12	330	94,248	28	37,699	56,549	5,36,082	17,64,345	39

Saving Summary:

Sr.No.	Parameter	Energy Savings (kWh)	Cost saving (Rs.)	Investment (Rs.)	Payback period (Months)
1.	Replacement of 100W Fan to 28 W BLDC Fan	1,83,759	17,42,029	57,33,335	39

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Chapter IV
Carbon Foot printing

A Carbon Foot printis defined as the Total Greenhouse Gas emissions, emitted due to various activities. In this we compute the emissions of Carbon-Di-Oxide, by usage of the various forms of Energy used by the Institute for performing its day-to-day activities. The Institute uses electrical energy for operating various electrical gadgets. We herewith furnish the details of electrical Energy consumption consumer number wise as under –

4.1 Basis for computation of CO2 Emissions:

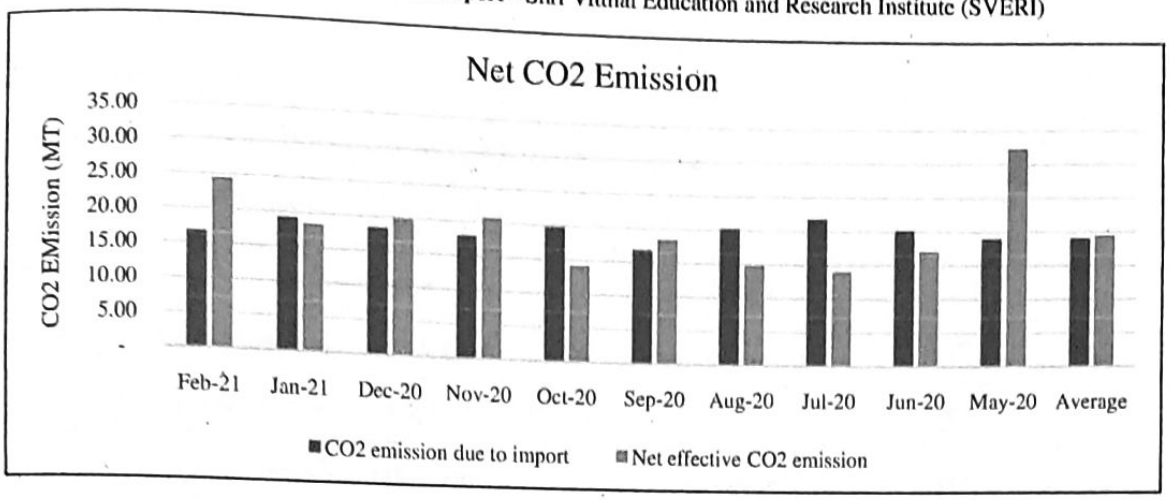
The basis of Calculation for CO2 emissions due to Electrical Energy are as under –
1 Unit (kWh) of Electrical Energy releases **0.8 Kg of CO2** into atmosphere

Based on the above Data we compute the CO2 emissions which are being released in to the atmosphere by the Institute due to its Day-to-Day operations.

4.2. Month wise Consumption of Electrical Energy

Electricity bill analysis data – May 2020 to February 2021

Month	Energy Consumption	Solar Generation	Import	CO_2 emission savings due to solar	CO_2 emission due to import	Net effective CO2 emission
Feb-21	41,649	51,446	20,928	41	16.74	24.41
Jan-21	44,028	47,090	24,023	38	19.22	18.45
Dec-20	42,998	47,908	23,080	38	18.46	19.86
Nov-20	41,250	48,247	22,448	39	17.96	20.64
Oct-20	45,908	42,446	24,670	34	19.74	14.22
Sep-20	41,261	44,046	21,008	35	16.81	18.43
Aug-20	47,083	43,928	25,303	35	20.24	14.90
Jul-20	50,631	44,769	27,240	36	21.79	14.02
Jun-20	48,556	46,651	25,243	37	20.19	17.13
May-20	47,126	64,148	23,693	51	18.95	32.36
Average	45,049	48,068	23,764	38	19.01	19.44
Total	4,50,490	4,80,679	2,37,636	385	190.11	194.43



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4.3 Benchmarking:

Now we compute the CO2 emissions per Sq ft basis as under:

Electricity bill analysis data – May 2020 to February 2021

No	Parameter	Value	Unit
1	CO2 emissionsdue to import of electricity from grid	190.11	MT
2	CO2 emission savings due to Solar PV plant	385	MT
3	Net CO2 emissions	-194.43	MT
2	Institute area	56,656	Sqm
3	**CO2 emissions**	-3.43	**Kg of CO2/sqm/month**

Chapter – V

GREEN AUDIT for the AY-2020-21

Shri Vitthal Education and research institute (SVERI) is one the leading higher education Institutes in Pandharpur, Solapur district. Ithas been providing quality education to the rural students of Solapur and premises. The Institute is spread over of 10 acres campus. It is also anInstitute of highly greenery Maintenance Institute inPandharpur, Dist. Solapur. We have prepared a green audit report after visiting the Institute campus by our team. This green audit report is based on the following major points.

1. Plantation in the campus
2. Energy audit and power savings
3. Carbon accounting
4. Use of Renewable energy options for saving the environment
5. Water audit
6. Waste disposal

1. Plantation in the campus

Plantation is playing very important role in the green audit and helping to save environment from damage. The campus plantation is very diverse and well maintained. After a daylong survey and records about the plantation in the campus is prepared which is per following table.There are roughly around 11,000 trees comprising of bigger trees, bushes and smaller trees. This is watered with the help of recycled waste water with the help of Sewage treatment plant.

Sample Trees and their dimensions –

Sr. no	Name of Tree	Scientific name	Average Count	Average Periphery of Tree in cm	Average Height in ft
1	Kadunimb	Azadirachta indica	100	30	20
2	Karanja	Millettia pinnata	70	12	20
3	Umbar	Ficus racemosa	4	20	20
4	Amba	Mangifera indica	50	30	15
5	Chikku	Manilkara zapota	25	8	10
6	Badam	Prunus dulcis	25	20	22
7	Padas Pimple	Ficus religiosa	25	12	15
8	Vad	Ficus benghalensis	2	35	20
9	Chinch	Tamarindus indica	30	30	20
10	Bel	Aegle marmelos		10	12
11	Khair	Senegalia catechu		10	10
12	Kanher	Nerium oleander	10	10	12
13	Areka Pam	Dypsis lutescens	30	20	15
14	All Vitamin				3
15	Palas	Butea monosperma		15	12
16	Avala	Phyllanthus emblica		10	10
17	Hadaga	Sesbania grandiflora		10	10
18	Shevaga	Moringa oleifera		15	15

19	Adulsa	Justicia adhatoda			
20	Kapur ulas	Hedychium spicatum			2.5
21	Morchud				
22	Pailas				
23	Korfad	Aloe Vera			
24	Panfuti	Bryophyllum pinnatum			
25	Ashwagandha	Withania somnifera			

1.1 CALCULATION OF AMOUNT OF CO2 SEQUESTERED IN TREES PER YEAR

The carbon sequestration potential of the plant species present in green belt has been estimated and suitable plant with maximum sequestration of CO2 was recommended. Carbon sequestration is nothing but capturing atmospheric carbon dioxide or anthropogenic CO2 from large scale stationary sources like cement industry before it is released to the atmosphere. Once captured, the CO2 gas is put into long term storage. CO2 sequestration in plants has the potential to significantly reduce the level of carbon that occurs in the atmosphere. Terrestrial or biologic sequestration means using plants to capture CO2 from the atmosphere and then storing it as carbon in the stems and roots of the plants as well as in the soil. The green belts in industrial area acts as sink for capturing and storing carbon dioxide released from the industries.

Assessment of carbon sequestration ability of trees for adopting in greenbelt of cement industries

The carbon dioxide sequestered in plant species are determined based on following method:

1. Determine the total (green) weight of the tree
2. Determine the dry weight of the tree
3. Determine the weight of carbon in the tree
4. Determine the weight of carbon dioxide sequestered in the tree
5. Determine the weight of CO2 sequestered in the tree per year

1.2 Determination of Total (Green) Weight of the Tree

The algorithm to calculate the weight of a tree is:

For trees with D < 11: W = 0.25D2H

For trees with D >= 11: W = 0.15D2H

Where, W = Above-ground weight of the tree in pounds

D = Diameter of the trunk in inches

H = Height of the tree in feet

Depending on the species, the coefficient (e.g., 0.25) could change and the variables D2 and H could be raised to exponents just above or below 1. However, these two equations could be seen as an —averagel of all the species' equations. The root system weighs about 20% as much as the above-ground weight of the tree. Therefore, to determine the total green weight of the tree, multiply the above-ground weight of the tree by 120%.

1.3 Determination of Dry Weight of the Tree

Taking all species in into account, the average tree is 72.5% dry matter and 27.5% moisture. Therefore, to determine the dry weight of the tree, multiply the weight of the tree by 72.5%.

1.4 Determine the weight of carbon in the tree

The average carbon content is generally 50% of the tree's total volume. Therefore, to determine the weight of carbon in the tree, multiply the dry weight of the tree by 50%.

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Assessment of carbon sequestration ability of trees for adopting in greenbelt of cement industries

Determine the weight of carbon dioxide sequestered in the tree –

CO2 is composed of one molecule of Carbon and 2 molecules of Oxygen.
The atomic weight of Carbon is 12.001115.
The atomic weight of Oxygen is 15.9994.
The weight of CO2 is C+2*O=43.999915

The ratio of CO2 to C is 43.999915/12.001115=3.6663.
Therefore, to determine the weight of carbon dioxide sequestered in the tree, multiply the weight of carbon in the tree by 3.6663. Determine the weight of CO2 sequestered in the tree per year.
Divided the weight of carbon dioxide sequestered in the tree by the age of the tree.

Sample Measurements –

Sr.No.	Name of tree	Circumference	Diameter (inch)	Height (Feet)	Weight of tree	Dry weight of tree	Carbon content	CO2 Sequestration
1	Chinch 1	840	11	49	819	614.1	307	1125
2	Chinch 2	1080	14	49	1354	1015.2	508	1859
3	Chinch 3	1250	16	49	1813	1359.9	680	2491
4	Kadunimb	840	11	49	819	614.1	307	1125
5	Nilgiri	1050	13	49	1279	959.6	480	1757
6	Kadunimb	1140	14	49	1508	1131.1	566	2072
7	Sagwan	800	10	49	743	557.0	279	1020
8	Chinch	1150	14	49	1535	1151.1	576	2108
9	Kadunimb	1200	15	49	1671	1253.3	627	2295
10	Limb	900	11	49	940	705.0	352	1291
							Total	17144

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Chapter VI

Water layout

Institute has multiple buildings and tanks for water usage. Staff, students and other persons in the campus are roughly 4000 nos. during normal operation. Currently 500 staff present in the Institute premises and 30 staff quarters are there in premises. This in total varies with considering current condition. Institute has multiple raw water sources which are as follows –

Sr. No.	Name of Supply	Capacity (in Litres)	Frequency in day	Remarks
1	Asabe Institute well	1,00,000	once	Night Time
2	Kasegaon Water supply	2,00,000		Due to current situation no water supply
3	Ingale well supply	2,00,000		Water is supplied if problem in Asabe or Kasegaon supply
4	Gopalpur Gram panchayat well	1,00,000	once	
5	Anteshwar Mandir Institute well	1,25,000	once	
6	Pharmacy Borewell	1,00,000		Operated during water shortage
7	Boy's hostel borewell 1,3	1,00,000		Operated during normal operation

Water flow –

Total incoming water supply is collected in main tank which is of 3 lac capacity and this is being separated for domestic purposes and drinking purpose. Drinking water is passed through main RO plant which is situated near to the storage tank. This RO plant is of 5000 litres capacity. Also, for domestic purpose there are multiple tanks which are situated at different location in the campus. This is pumped through the different lines and passed at desired location.

Various tanks in Institute premises –

Sr. No.	Name of Dept.	Capacity (in Liters)	No. of Tanks	Capacity	Particulars
1	Engineering Buildings	12000	3	36000	For Common Use
		2000	1	2000	For Drinking Purpose
		1000	2	2000	For Drinking Purpose
2	Library Buildings	2000	2	4000	For Common Use
		1000	1	1000	For Drinking Purpose

3	Principal Office, Board Room and President Room	1000	3	3000	For Drinking Purpose
4	MBA	2000	1	2000	For Common Use
		250	1	250	For Drinking Purpose
5	Pharmacy (Pharm&B. Pharm)	12000	1	12000	For Common Use
		1000	1	1000	For Drinking Purpose
6	Ladies Hostel	12000	4	48000	For Common Use
		1000	6	6000	For Drinking Purpose
7	Boys Hostel	12000	3	36000	For Common Use
		1000	1	1000	For Drinking Purpose
		2000	2	4000	For Drinking Purpose
Total			**32**	**1,58,250**	

- Current water situation is handled by operating pumps for 4 hours daily for pumping water from storage tank to different location.

Energy for Pumping station –
Total power required for pumping water from storage tank to various tanks-

Voltage (V)	Current (A)	Power factor	Power (kW)
390	42	0.84	21.63

RO Plant –
Power required to run the central RO plant which handles hostels, pharmacy Institute, indoor sports complex and solar PV module cleaning.

Voltage (V)	Current (A)	Power factor	Power (kW)
394	20.61	0.9	12.78

Observations –
- Current water usage considering only staff present in campus should be minimal but there is no accounting of water flows.
- Also, many tanks getting over flow during pumping operation that should be avoided.
- RO water is being used for solar PV module cleaning; this should be verified with solar PV supplier.

Recommendations –
- Installation of water flowmeter should be done for all supply and consumption points.
- Main consumption meter should be installed on priority basis as there is no accounting of water and energy in the pumping station.
- Domestic water consumption can be reduced with the help of usage of recycled water for flushing in hostel and Institute campus

Chapter VII

Hot Water System

Hot water system –

Institute campus has 6 number of hostels comprising gents' hostel and women's hostel that means there is requirement of hot water and that is sufficed by the solar water heater. Approximately hostel has occupancy of 3,000 resident students. Requirement of 90,000 litre hot water is sufficed by the solar hot water in built with backup electrical heater. Also, there is hot water boiler for peak demand present in the campus. Hot water requirement of is sufficed by this solar water heater system.

Observations –

- All hot water system were kept shut due to no occupancy in the hostels from past one year.
- This system is equipped with the inbuilt heaters, if the set temperature is not achieved there will be unnecessary load on the electrical system.
- Also, for peak demand there is wood fired boiler in the hostel premises, so that needs to be catered and eliminated.

Calculations –

Sample Carbon emission savings per annum for quantity of 1000 litres/day is given as there was no load on solar water heater for evaluation -

Quantity of water – 1000 Litres/ day

$$\text{Electrical equivalent} = \frac{Mass\ of\ water\ X\ Cp\ of\ water\ X\ Temeprature\ difference}{860}$$

$$= \frac{1000\ X\ 1\ X\ 20}{860}$$

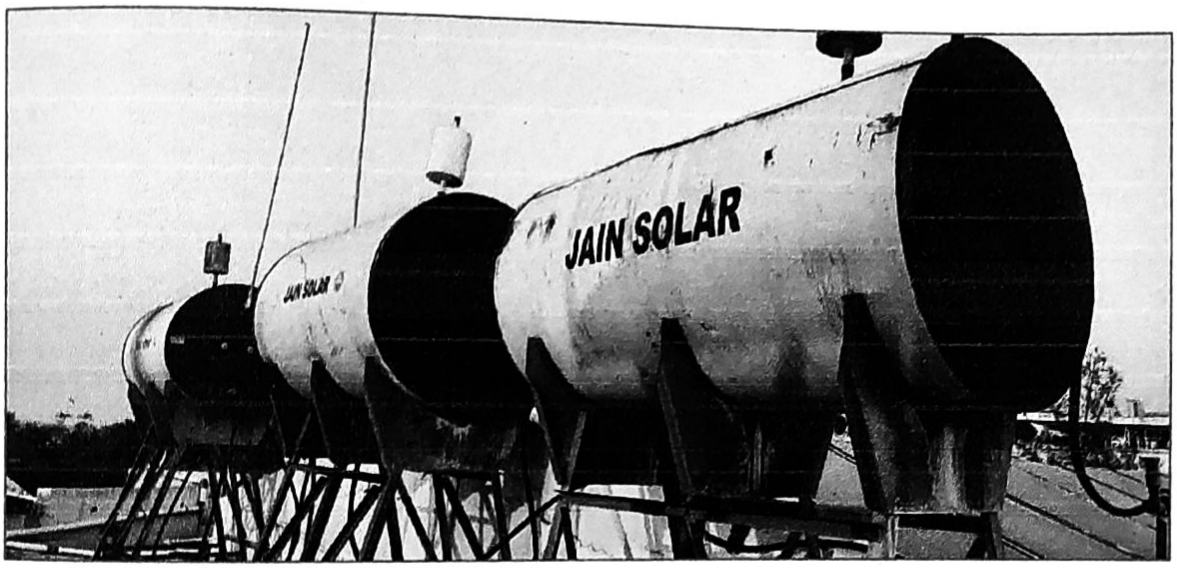
Electrical equivalent = 23.25 kWh/day

Carbon emission savings per day = 18.6 Kg/day

Carbon emission per annum = 6.78 MT/annum

Cost savings per annum = 59,400 Rs/Annum

Flat plate collector



Storage tanks

Recommendations –

- Due to covid and arose situation solar water heater system is completely shut from past one year so it should be audited and maintained prior to usage.
- If the proper maintenance of system will be done there will not be unnecessary burden on electrical load and boiler load.
- Preventive maintenance and repair work of system will help in long term benefit of institute.

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Chapter VIII

Rooftop Solar PV Analysis

Institute has installed solar rooftop capacity of kWp on roof top on different Buildings. This supply has been given to main supply with the help of net metering connection as per the MSEDCL. Carbon emission is saved due to the rooftop generation. This is additional savings of carbon emission for Institute campus.

Plant No.	Place	Inverter Capacity (kW)	Inverter No.	Inverter total capacity in (kW)	Connected Solar Panels
1.	Engineering Polytechnic	25	02	50	157
2.	Engineering Polytechnic	27.6	03	82.8	272
3.	Engineering	25	03	75	258
4.	Engineering	25	03	75	251
5.	B. Pharmacy	25	02	50	174
6.	D.Pharmacy	27.6 & 17	02 & 01	72.2	198
	Total			405	1310

Detailed calculation of rooftop –

Installed capacity – 405 kW_p

Daily Average generation – 1600 kWh/ day

Carbon emission savings – 1280 Kg/day

Carbon emission savings per annum – 467 MT/annum

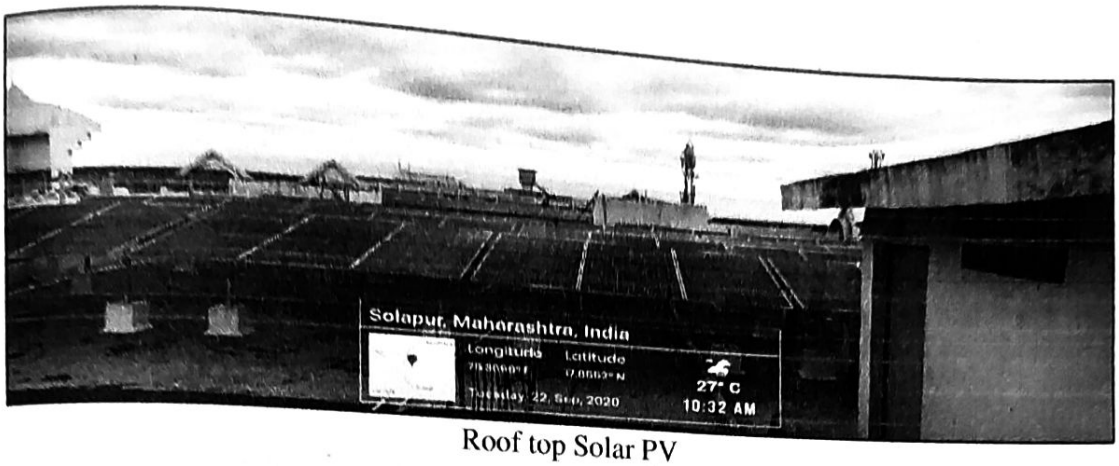
Cost savings per annum – Rs. 55.6 lacs/ Annum

Month wise Solar energy production –

Month	Solar Generation (kWh)	Carbon dioxide emission savings (MT)
Feb-21	51,446	41.16
Jan-21	47,090	37.67
Dec-20	47,908	38.33
Nov-20	48,247	38.60
Oct-20	42,446	33.96
Sep-20	44,046	35.24
Aug-20	43,928	35.14
Jul-20	44,769	35.82
Jun-20	46,651	37.32

May-20	64,148	51.32
Average	48,068	38.45

Installation –



Roof top Solar PV

Maintenance of Solar PV System –

Cleaning:

- To remove a layer of dust, panels are simply washed with soft water. If the module has thick dirt or grime and bird droppings, which are harder to remove, cold water is used, and the panel surface is cleaned with a sponge. Sometimes, soft detergents are also used along with water for easier cleaning. Metal brushes should be avoided to prevent wearing of the panel surface.

Defect Checking:

- A visual inspection of the modules is done periodically to look for possible defects such as cracks, chips, de-lamination, fogged glazing, water leaks and discoloration. If any obvious defects are found, their location is noted down in the system logbook so that they can be monitored for generation output. If the damage causes the modules to perform lower than the rated value, they should be replaced.

Recommendations –

- Institute needs to do preventive maintenance as a periodic activity for maximum solar generation.
- Regular cleaning and inspection should be done by Institute.

Chapter IX

Rain Water Harvesting

The system of rain water harvesting is an integral part of any educational institution. This system helps to conserve the rain water and also to use during the time of its desirable. This system helps the students to understand the basic concepts of rainwater harvesting system and their effective use in the real life.

It is seen that there is a natural slope at the Institute campus, such natural slope can be used to take the water through some specific path and absorb under the ground. There is one emptybore well in the Institute campus, such empty bore well can be charged with the use of rainwater harvesting system. In addition to this some ring wells can be prepared and rainwater, Gray waste water from all the building can be taken through some specific path in these ring wells and used to charge under the ground to maintain the ground level water.

Advantages of rain water harvesting –

(a) Promotes adequacy of underground water
(b) Mitigates the effect of drought
(c) Reduces soil erosion as surface run-off is reduced
(d) Decreases load on storm water disposal system
(e) Reduces flood hazards
(f) Improves ground water quality / decreases salinity(by dilution)
(g) Prevents ingress of sea water in subsurface aquifersin coastal areas
(h) Improves ground water table, thus saving energy (to lift water)
(i) The cost of recharging subsurface aquifer is lower than surface reservoirs
(j) The subsurface aquifer also serves as storage and distribution system
(k) No land is wasted for storage purpose and no population displacement is involved
(l) Storing water underground is environment friendly

Rain water harvesting potential –

- The total amount of water that is received in the form of rainfall over an area is called the rain water endowment of that area. Out of this, the amount that can be effectively harvested is called rain water harvesting potential.
- All the water which is falling over an area cannot be effectively harvested, due to various losses on account of evaporation, spillage etc. Because of these factors the quantity of rain water which can effectively be harvested is always less than the rain water endowment. The collection efficiency is mainly dependent on factors like runoff coefficient and first flush wastage etc. Runoff is the term applied to the water that flows away from catchments after falling on its surface in the form of rain.
- Runoff depends upon the area and type of catchment over which it falls as well as surface features. Runoff can be generated from both paved and unpaved catchment areas. Paved surfaces have a greater capacity of retaining water on the surface and runoff from unpaved surface is less in comparison to paved surface. In all calculations for runoff estimation, runoff coefficient is used to account for losses due to spillage, leakage, infiltrations catchment surface wetting and evaporation, which will ultimately result into reduced runoff. Runoff coefficient for any catchment is the ratio

of the volume of water that run off a surface to the total volume of rainfall on the surface.

- The runoff coefficient for various surfaces is given in following table –

Sr. No.	Type of catchment	Coefficient
1.	Roof Catchment	
	Tiles	0.8 – 0.9
	Corrugated metal sheets	0.7 – 0.
2.	Ground Surface Coverings	
	Concrete	0.6 – 0.8
	Brick Surface	0.5 – 0.6
3.	Untreated ground catchments	
	Soil on slope less than10 %	0.0 – 0.3
	Rocky natural catchments	0.2 – 0.5

Based on the above factors, the water harvesting potential of site could be estimated using the following equation:

Rain Water harvesting potential = Amount of Rainfall x area of catchment x Runoff coefficient

Institute has area of roof top is – and untreated ground catchment is ---. As per the survey untreated ground catchment area is the soil on slopes more than 10%, so much rainfall from this area will not be available. If only the roof top area considered for calculation of rain water harvesting potential then

Rain water harvesting methods –

(a) Storing rain water for direct use
(b) Recharging ground water aquifers, from roof top run off
(c) Recharging ground water aquifers with runoff from ground area

According to the site of Institute the method of recharging ground water aquifers from roof top run off may be suitable.Recharging ground water aquifers from roof top run off. Rain water that is collected on the roof top of the building may be diverted by drain pipes to a filtration tank (for bore well, through settlement tank) from which it flows intothe recharge well, as shown in following Figure. The recharge well should preferably be shallower than the water table. This method of rain water harvesting is preferable in the areas where the rainfall occurs only for a short period in a year and water table is at a shallow depth.

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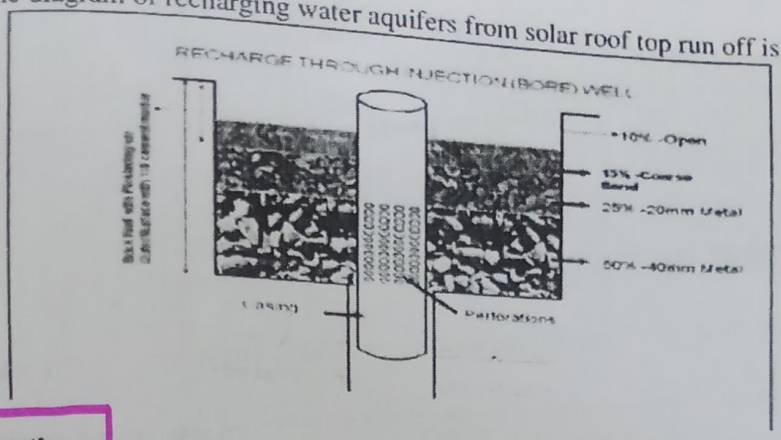
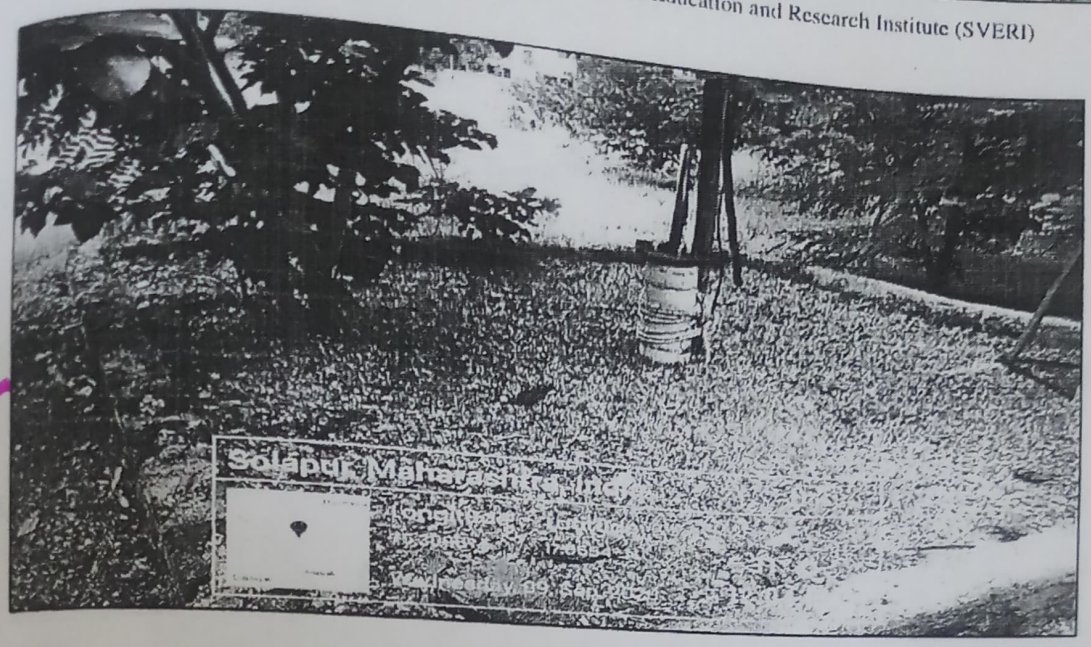
The schematic diagram of recharging water aquifers from solar roof top run off is as follows -



Existing Situation –

Institute has multiple high-rise buildings of 2 – 3 storeys each. These buildings are equipped with the rain water harvesting and water is being collected in the catchments. This collected water is being passed through the borewell present in the campus.

Rain water Harvesting



Catchment area

Chapter X

Waste Disposal and Vermi- Composting

Vermiculture Composting Culture –

Vermicomposting is basically a managed process of worms digesting organic matter to transform the material into a beneficial soil amendment. The institute has been started Vermi culture composting culture in house on 30 Sq. meter land. The main purpose of this is to reduce disposable waste in the Institute campus and after complete process of Vermi composting it is used as manure for plantation and greenery in the campus. It is also used for the demonstration and awareness in farmers to implement organic farming and its importance.

The main benefits of the process are to reduce the waste in the environment and utilized for some useful purpose and also it is cost savings process.

The earthworms being voracious eaters consume the biodegradable matter and give out a part of the matter as excreta or Vermi-castings. The Vermi-casting containing nutrients is a rich manure for the plants. Vermicompost, apart from supplying nutrients and growth enhancing hormones to plants, improves the soil structure leading to increase in water and nutrient holding capacities of soil. Fruits, flowers and vegetables and other plant products grown using vermicompost are reported to have better keeping quality. A growing number of individuals and institutions are taking interest in the production.

Process:

The process of composting crop residues / Agri wastes using earthworms comprise spreading the agricultural wastes and cow dung in gradually built-up shallow layers. The pits are kept

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shallow to avoid heat built-up that could kill earthworms. To enable earthworms to transform the material relatively faster a temperature of around 300C is maintained. The final product generated by this process is called vermicompost which essentially consist of the casts made byearthworms eating the raw organic materials. The process consists of constructing brick lined beds generally of 0.9 to 1.5 m width and 0.25 to 0.3 m height are constructed inside a shed open from all sides. For commercial production, the beds can be prepared with 15 m length, 1.5 m width and 0.6 m height spread equally below and above the ground. While the length of the beds can be made as per convenience, the width and height cannot be increased as an increased width affects the ease of operation and an increased height on conversion rate due toheat built up.Cow dung and farm waste can be placed in layers to make a heap of about 0.6 to 0.9 m height. Earthworms are introduced in between the layers @ 350 worms per m3 of bed volume that weighs nearly 1 Kg. The beds are maintained at about 40-50% moisture content and a temperature of 20–300 C by sprinkling water over the beds. When the commercial scale production is aimed at, in addition to the cost of production, considerable amount has to be invested initially on capital items. The capital cost may work out to about Rs. 5000 to 6000 for every tonne of vermicompost production capacity. The high unit capital cost is due to the fact that large units require considerable expenditure on preparation of Vermi beds, shed to provide shelter to these beds and machinery. However, these expenditures are incurred only once.Under the operational cost, transportation of raw materials as also the finished product are the key activities. When the source organic wastes and dung are away from the production facility and the finished product requires transportation to far off places before being marketed, the operational cost would increase. However, in most of the cases, the activity is viable and bankable. Following are the items required to be considered while setting up a unit for production of Vermi-compost.

Components of a Commercial Unit –

Commercial units have to be developed based on availability of cow dung locally. If some big dairy is functioning then such unit will be an associated activity.

Commercial units must not be designed based on imported cow dung.

1. Sheds

For a Vermi-composting unit, whether small or big, this is an essential item and is required for securing the Vermi beds. They could be of attached roof supported by bamboo rafters or steel trusses. Locally available roofing materials or HDPE sheet may also be used in roofing to keep the capital investment at reasonably lower level. If the size is so chosen as to prevent wetting of beds due to rain on a windy day, they could be open sheds. While designing the sheds adequate room/pathways has to be left around the beds for easy movement of the labourers attending to the filling and harvesting the beds.

2. Vermi-beds

Normally the beds have 0.3 to 0.6 m height depending on the provision for drainage of excess water. Care should be taken to make the bed with uniform height over the entire width to avoid low production owing to low bed volumes. The bed width should not be more that 1.5 m to allow
easy access to the centre of the bed.

3. **Fencing and Roads/Paths**

The site area needs development for construction of structures and development of roads and pathways for easy movement of hand-drawn trolleys/wheel barrows for conveying the raw material and

the finished products to and from the Vermi sheds. The entire area has to be fenced to prevent trespass by animals and other unwanted elements. These could be estimated based on the length of the periphery of the farm and the length and type of roads/paths required. The costs on fencing and formation of roads should be kept low as these investments are essential for a production unit, yet would not lead to increase in production.

4. Water Supply System

As the beds have to be kept moist always with about 50% moisture content, there is a need to plan for a water source, lifting mechanism and a system of conveying and applying the water to the Vermi-beds. Drippers with round the clock flow arrangement would be quite handy for continuous supply and saving on water. Such a water supply system requires considerable initial investment. However, it reduces the operational cost on hand watering and proves economical in the long run. The cost of these items would depend on the capacity of the unit and the type of water supply chosen.

5. Transportation

For any Vermi-composting unit transport arrangement is a must. When the source of raw material is away from the production unit, an off-site transport becomes major item of investment. A large sized unit with about 1000 tonnes per annum capacity may require a three-tonne capacity mini-truck. With small units particularly with the availability of raw material near the site, expending on transport facility may become infructuous. On-site transport facilities like manually drawn trolleys to convey raw material and finished products between the storage point and the Vermi-compost sheds could also be included in the project cost.

Recommendations –

- Institute should install a small Vermi composting pit for their waste disposal, waste like leaves, bushes and decomposable waste collected in campus.
- Treated vermicompost can be used as the fertilizer for the gardening in Institute campus.
- Currently all this waste is being dumped and burnt in premises or this is being carried away with the wind.

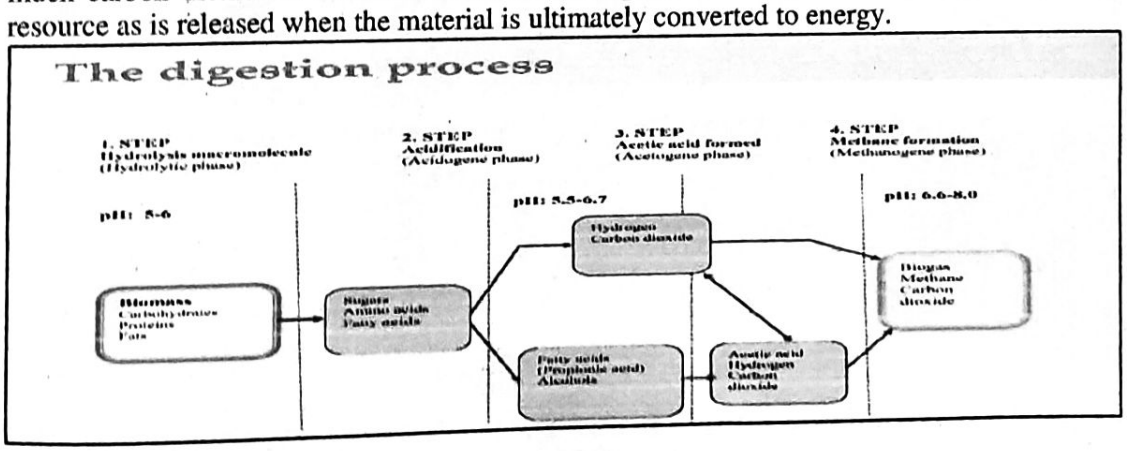
Chapter XI

Biogas system

Biogas system -

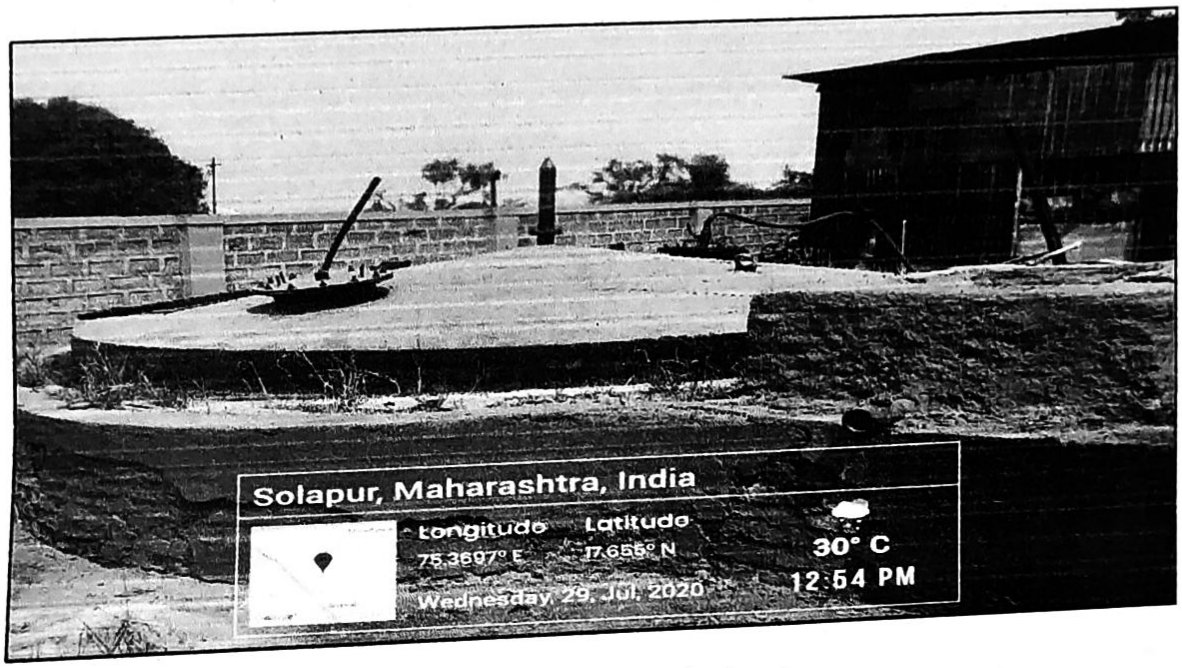
One of the main environmental problems of today's society is the continuously increasing production of organic wastes. In many countries, sustainable waste management as well as waste prevention and reduction have become major political priorities, representing an important share of the common efforts to reduce pollution and greenhouse gas emissions and to mitigate global climate changes. Uncontrolled waste dumping is no longer acceptable today and even controlled landfill disposal and incineration of organic wastes are not considered optimal practices, as environmental standards hereof are increasingly stricter and energy recovery and recycling of nutrients and organic matter is aimed.

Biogas typically refers to a mixture of different gases produced by the breakdown of organic matter in the absence of oxygen. Biogas can be produced from raw materials such as agricultural waste, manure, municipal waste, plant material, sewage, green waste or food waste. Biogas is a renewable energy source and, in many cases, exerts a very small carbon footprint. Biogas can be produced by anaerobic digestion with anaerobic organisms, which digest material inside a closed system, or fermentation of biodegradable materials. A wide range of micro-organisms are involved in the anaerobic process which has two main end products: biogas and digestate. Biogas is primarily methane and carbon dioxide and may have small amounts of hydrogen sulphide, moisture and siloxanes. The gases methane, hydrogen, and carbon monoxide can be combusted or oxidized with oxygen. This energy release allows biogas to be used as a fuel; it can be used for any heating purpose, such as cooking. It can also be used in a gas engine to convert the energy in the gas into electricity and heat. Biogas can be compressed, the same way natural gas is compressed to CNG, and used to power motor vehicles. In the UK, for example, biogas is estimated to have the potential to replace around 17% of vehicle fuel. It qualifies for renewable energy subsidies in some parts of the world. Biogas can be cleaned and upgraded to natural gas standards, when it becomes bio-methane. Biogas is considered to be a renewable resource because its production-and-use cycle is continuous, it generates no net carbon dioxide. Organic material grows, is converted and used and then regrows in a continually repeating cycle. From a carbon perspective, as much carbon dioxide is absorbed from the atmosphere in the growth of the primary bio-resource as is released when the material is ultimately converted to energy.



Current Situation -

- Institute has 20 m^3 biogas plant installed at hostel campus but currently it is not working due to the unavailability waste manure collected from the canteens.
- Due to current condition of student unavailability in Institute campus the biogas plant is completely stopped.
- This biogas plant is equipped with 250 LPD solar water heater for performance enhancement.
- Produced biogas is directly used in the canteen for cooking purpose.



Existing Biogas plant

Recommendation -

- Institute need to install a gas flowmeter for evaluation of daily generated gas., so they can avail the full benefit of produced gas and can count that for LPG replacement.
- The plant needs to maintained as during the load condition the waste manure was scattered on biogas plant and adjacent room.
- Maintenance of plant is necessary during working conditions.

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Chapter XII

Sewage Treatment Plant (Waste water Recycling)

Sewage Treatment Plant -

It includes physical, biological and sometimes chemical processes to remove pollutants. Its aim is to produce an environmentally safe sewage water, called effluent, and a solid waste, called sludge or biosolids, suitable for disposal or reuse. Reuse is often for agricultural purposes, but more recently, sludge is being used as a fuel source.

Water from the mains, used by manufacturing, farming, houses (toilets, baths, showers, kitchens, sinks), hospitals, commercial and industrial sites, is reduced in quality as a result of the introduction of contaminating constituents. Organic wastes, suspended solids, bacteria, nitrates, and phosphates are pollutants that must be removed.The features of wastewater treatment systems are determined by:

The nature of the municipal and industrial wastes that are conveyed to them by the sewers. The amount of treatment required to keep the quality of the receiving streams and rivers. Discharges from treatment plants are usually diluted in rivers, lakes, or estuaries. They also may, after sterilisation, be used for certain types of irrigation (such as golf courses), transported to lagoons where they are evaporated, or discharged through underground outfalls into the sea. However, sewage water outflows from treatment works must meet effluent standards set by the Environment Agency to avoid polluting the waters that receive them.In this process, aerobic bacteria digest the pollutants. To establish an aerobic bacterial colony, you must provide air for the bacteria to breathe. In a sewage treatment plant, air is continuously supplied to the Biozone either by direct Surface Aeration using Impellers propelled by pumps which whisk the surface of the liquid with air, or by Submerged Diffused Aeration using blowers for air supply through bubble diffusers at the bottom of the tank. (The most modern aerobic sewage systems use natural air currents and do not require electricity, though these are only used for small scale sewage systems at the moment. Once again, the general public leads the way!) Aerobic conditions lead to an aerobic bacterial colony being established. These achieve almost complete oxidation and digestion of organic matter and organic pollutants to Carbon Dioxide, Water and Nitrogen, thus eliminating the odour and pollution problem above. The effluent produced by this process is non-polluting and can be discharged to a watercourse

Conventional sewage water treatment involves either two or three stages, called primary, secondary and tertiary treatment. Before these treatments, preliminary removal of rags, cloths, sanitary items, etc. is also carried out at municipal sewage works.

Primary Treatment

This is usually Anaerobic. First, the solids are separated from the sewage. They settle out at the base of a primary settlement tank. The sludge is continuously being reduced in volume by the anaerobic process, resulting in a vastly reduced total mass when compared to the original volume entering the system.

The primary settlement tank has the sludge removed when it is about 30% of the tank volume.

Secondary Treatment

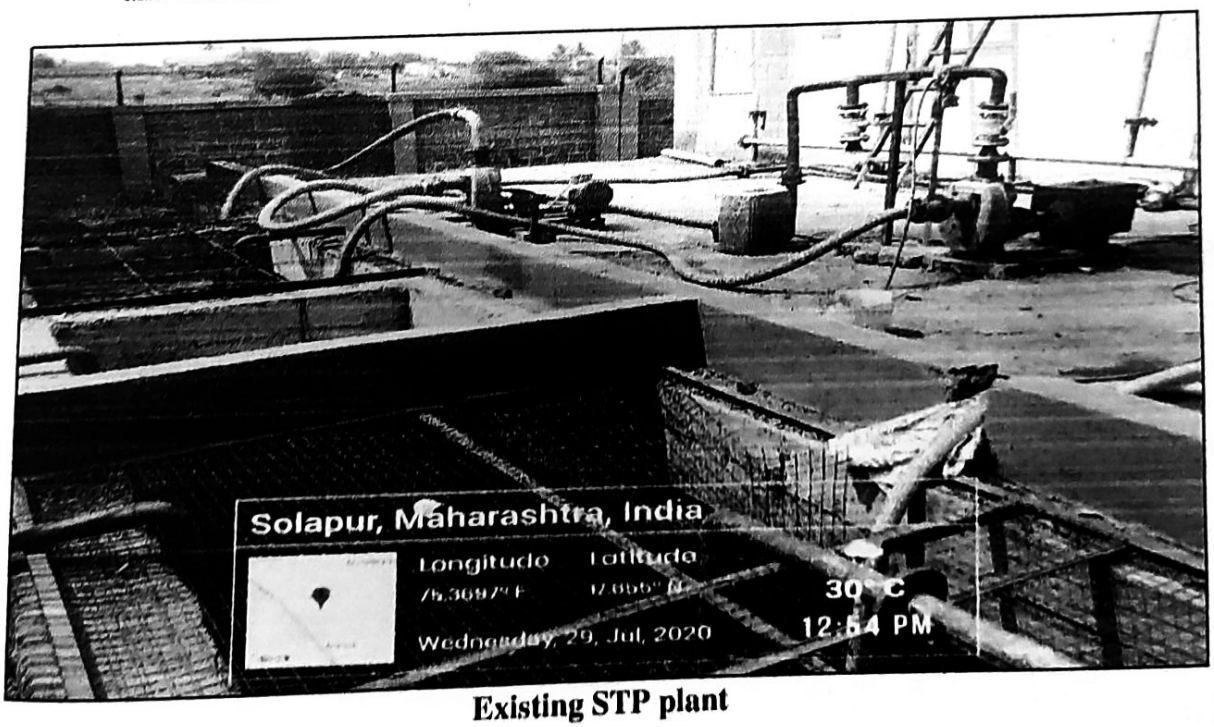
This is Aerobic. The liquid from the Primary treatment contains dissolved and particulate biological matter. This is progressively converted into clean water by using indigenous, water-borne aerobic micro-organisms and bacteria which digest the pollutants. In most cases, this effluent is clean enough for discharge directly to rivers.

Tertiary Treatment

In some cases, the effluent resulting from secondary treatment is not clean enough for discharge. This may be because the stream it is being discharged into is very sensitive, has rare plants and animals or is already polluted by someone's septic tank. The Environment Agency may then require a very high standard of treatment with a view to the new discharge being CLEANER than the water in the stream and to, in effect, 'Clean it up a bit'. It is usually either Phosphorous or Ammoniacal Nitrogen or both that the E.A. want reduced. Tertiary treatment involves this process. If Phosphorous is the culprit, then a continuous dosing system to remove it is the tertiary treatment. If Ammoniacal Nitrogen is the problem, then the sewage treatment plant process must involve a nitrifying and then de-nitrification stage to convert the ammoniacal nitrogen to Nitrogen gas that harmlessly enters the atmosphere.

Current Situation -

- Institute has installed 300 CMD sewage treatment plant for waste water recycling. This plant is being located near to the polytechnic workshops and sports ground.
- This recycled water is being stored in the tank and then used for gardening purpose with the help of recycle pump.
- Waste water from the hostel and hostel canteen is stored near to the electrical room, and then transferred to the sewage treatment plant.



Existing STP plant

Recommendation -

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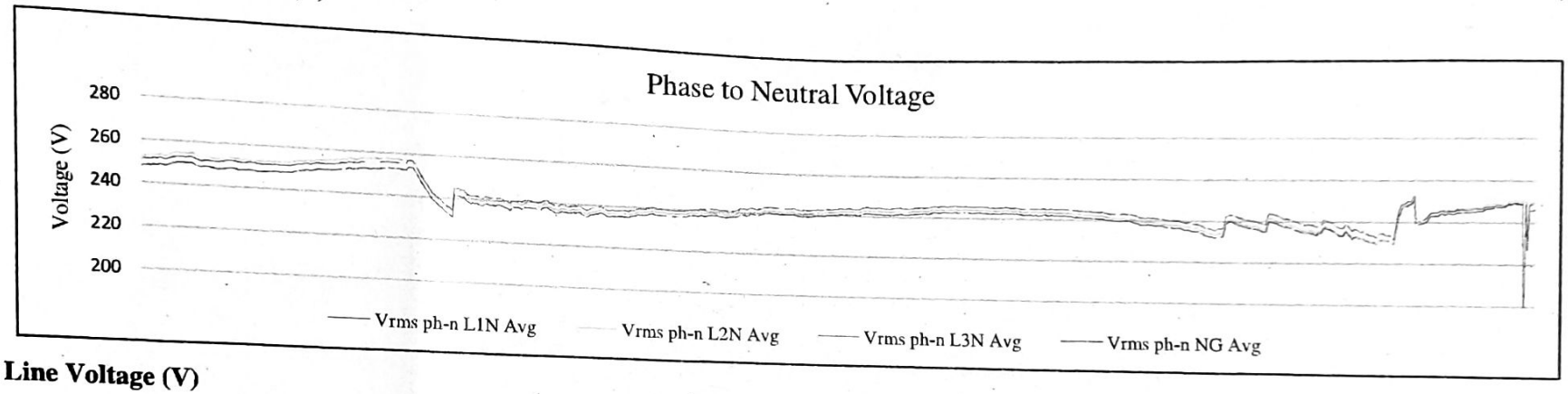
- Institute need to install a water flowmeter for evaluation of daily recycled water so they can evaluate the performance of STP plant.
- Institute can also use the recycled water for flushing purpose in the hostels andInstitute campus.
- As the capacity of plant is 300 m3 per day and gardening does not required this much amount of water. This will save the fresh water which is already being transported form various sources and pumped for usage.
- Usage of recycled water will also, significantly impact on energy consumption for pumping station.

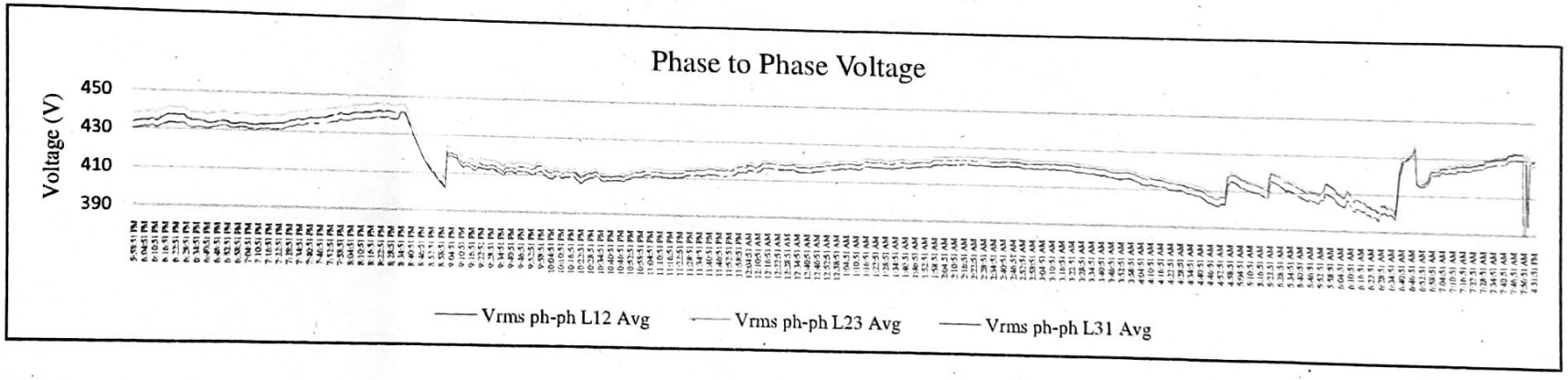
Annexure I – Power Quality Graphs

I) Voltage

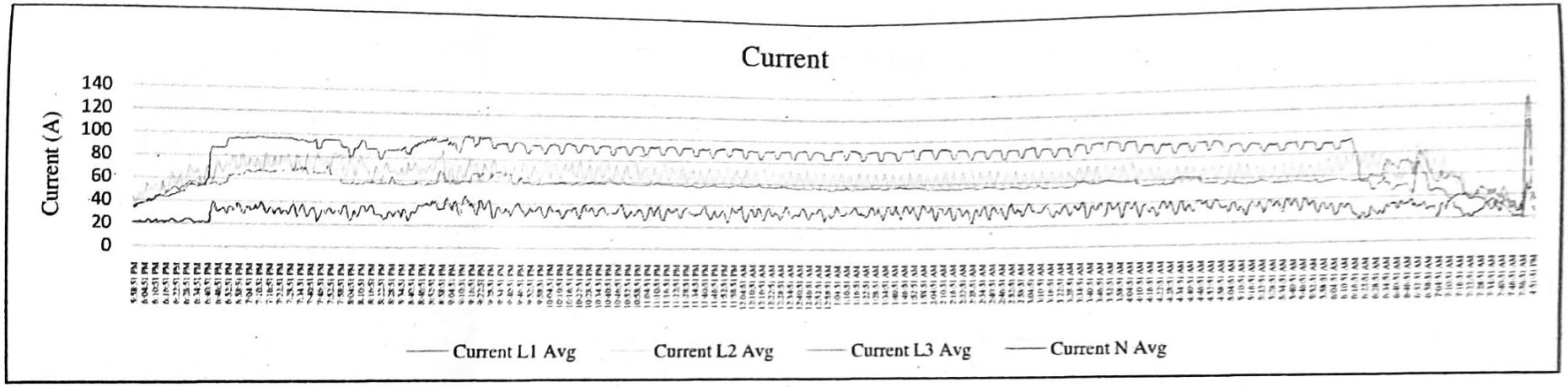
Phase to neutral voltage (V)



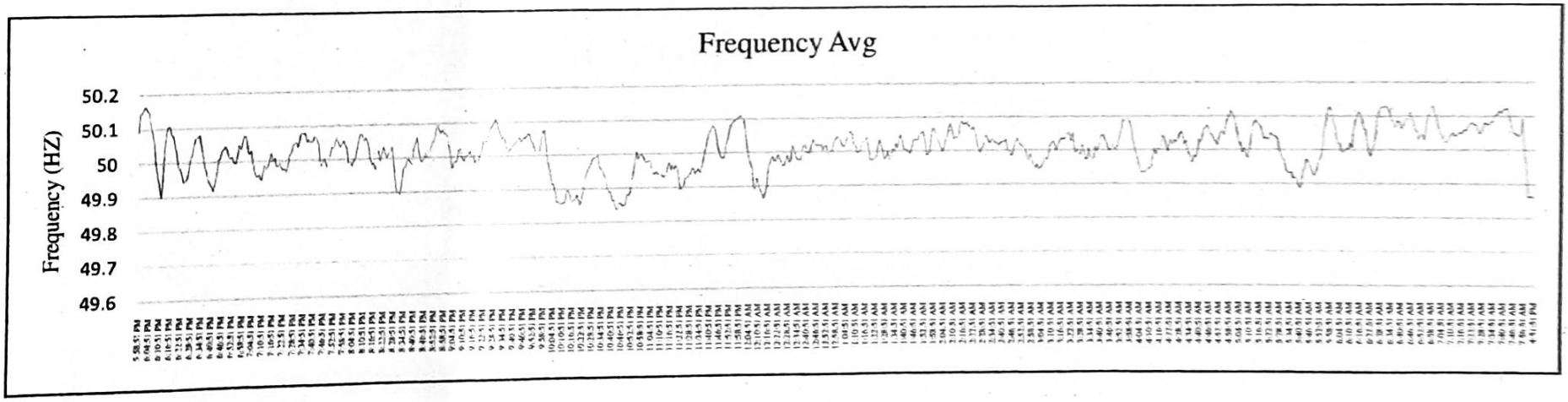
Line Voltage (V)



II) Current (A) –

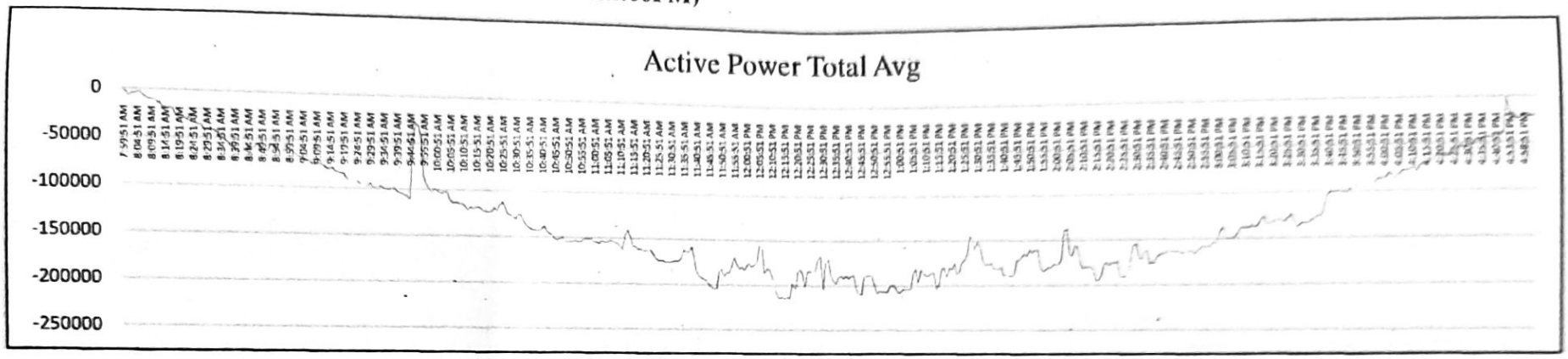


III) Frequency (Hz)–



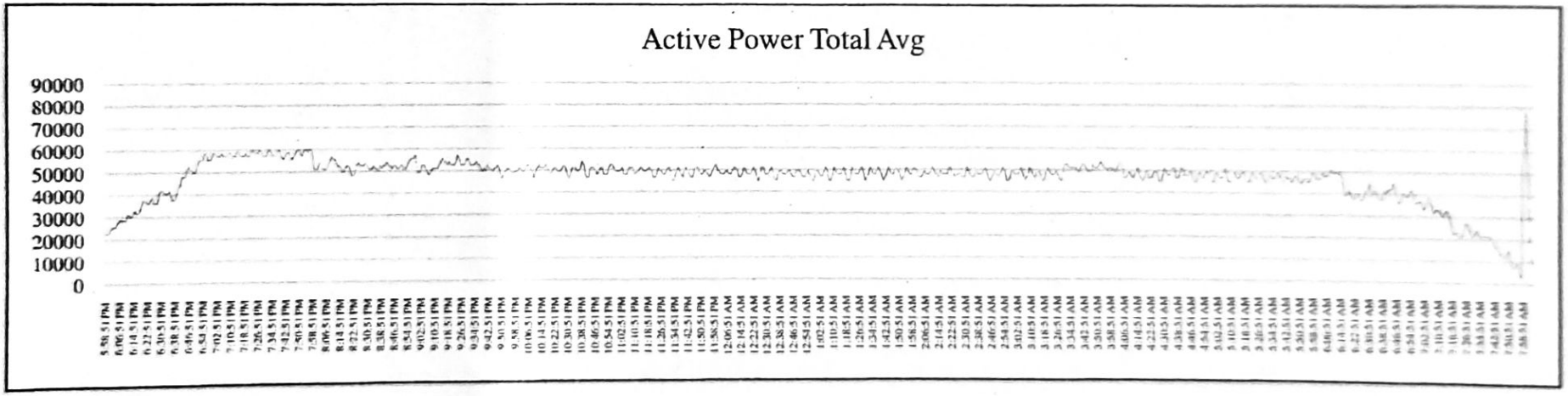
IV) Active Power (W) –

During Solar Plant is ON: (Time:07:52:00 AM to 05:02:00PM)

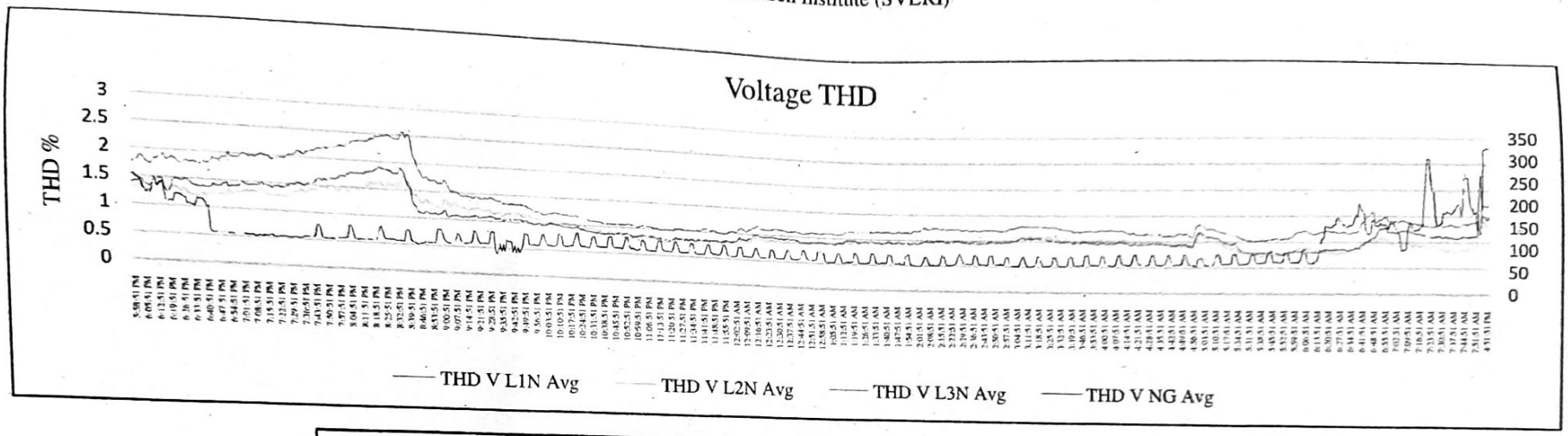


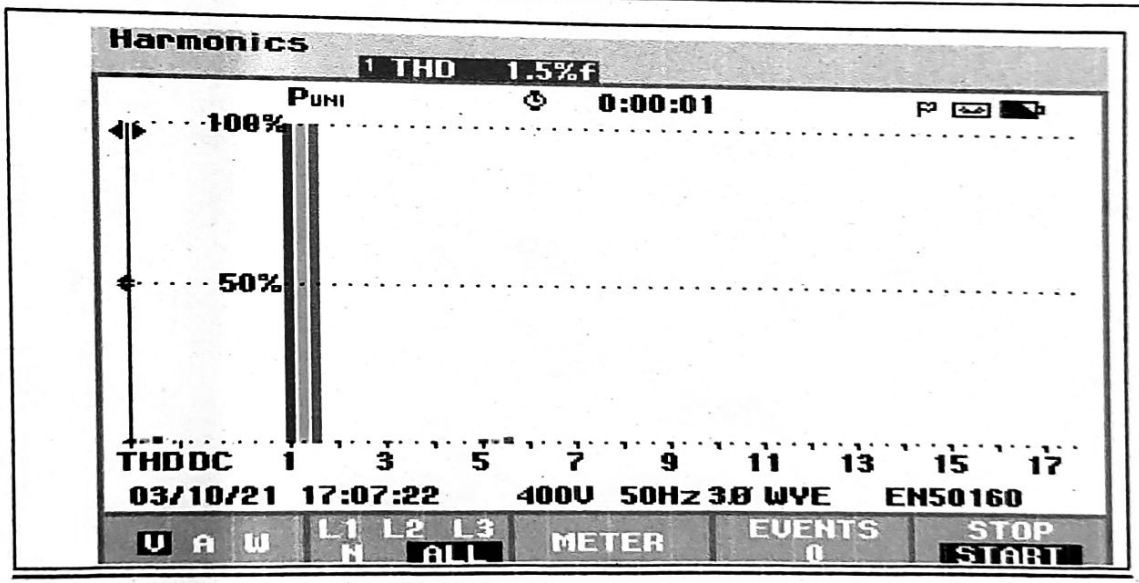
Active Power (W) –

Active Power During Solar Plant is: (Time:05:03:00PM to07:51:00 AM)



V) **Harmonic Distortion- Voltage–**


Voltage THD
THD %
3
2.5
2
1.5
1
0.5
0
350
300
250
200
150
100
50
0
THD V L1N Avg
THD V L2N Avg
THD V L3N Avg
THD V NG Avg


Harmonics
1 THD 1.5%f
PUNI
0:00:01
100%
50%
THD DC 1 3 5 7 9 11 13 15 17
03/10/21 17:07:22 400V 50Hz 3Ø WYE EN50160
V A W
L1 L2 L3
N ALL
METER
EVENTS
0
STOP
START

VI) Harmonic Distortion- Current –