



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



7.3.1

INSTITUTIONAL DISTINCTIVENESS



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● Solar Power Plant

63% of the total power requirements are met from the 50kWp power plant at C block, 200kWp power plant at D block and the 30 kWp power plant at the Gents Hostel. Thus, VJCET prevents the emission of 420 tons of carbon dioxide from ending up in the atmosphere every year.

Solar Plant Connection Report from Kerala State Electricity Board

അനുബന്ധം-14

സോളാർ പ്ലാന്റ് കണക്കു നിർവ്വഹിപ്പാൻ

സെക്ഷൻ : Manjalloor

കൺസ്യൂമർ നമ്പർ : 13559 10000 1283 (13 അക്കം)

പേര് : Manager, Viswajyothi College of Technology

സ്റ്റീൻ നമ്പർ : 5752 00003

സോളാർ കപ്പാസിറ്റി : 50 കിലോവാട്ട്

കണക്ക് ചെയ്ത ദിവസം : 24-10-2012

സോളാർ മീറ്റർ ഇൻഷ്യൂൽ റീഡിംഗ് : 5 (MF = 20)

നെറ്റ് മീറ്റർ ഇൻഷ്യൂൽ റീഡിംഗ് : 375 (MF = 4)

തീയതി : 25-10-12 അസിസ്റ്റന്റ് എഞ്ചിനീയർ പേര് : [Signature]

ഒപ്പ് : Assistant Engineer Electrical Section Manjalloor

പകർപ്പ് : 2

ഡെപ്യൂട്ടി ഓഫീസ് എഞ്ചിനീയർ :

എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ :



Bischöfliches Ordinariat, Postfach 9, D-72101 Rottenburg/Neckar

Diocesan Technical Education Trust
Msgr. Dr. Cherian Kanjirakompil
Kothamangalam
Ernakulam Dist.
KERALA - 686 691
INDIEN

BISCHÖFLICHES ORDINARIAT

Hauptabteilung X - Weltkirche

Proj.No.: 2019-1-37991
GZ:

Dr. Wolf-Gero Reichert/Gabriele Ulrich

Phone: +49 (0) 7472-169 366
Fax: +49 (0) 7472-169 568
E-mail: weltkirche-desk1@bo.drs.de
Internet: <http://weltkirche.drs.de>

Rottenburg, 16.01.2020

35,64 kWp-Solar Project Engineering College

Dear Msgr. Kanjirakompil,

Thank you very much for your letter of 06.01.2020. According to your request, we are going to remit our donation of 25.000,00 € for the project referred to above into the account of Diocesan Technical Education Trust no. 033505300000XXXX with SIB within the next few days, with the reference: 35,64 kWp-Solar Project Engineering College.

Please acknowledge receipt of this amount of money by including the original credit note of your bank. Furthermore, we kindly ask you to send us your final report within six months after receipt of our donation. For this purpose, please, make use of the enclosed form.

If the aim of our donation could not have been achieved within six months after money transfer, we expect you to send us an informal intermediate report with a plausible explanation of the delay as well as an account of the present state of affairs.

As you carry out your plans, please be assured of our prayerful best wishes that God will be with you.

Yours sincerely,

Dr. Wolf-Gero Reichert
Managing Director

Enclosure
Form „Statement of Expenditure and Project Evaluation“ (is being sent by regular mail only)

Cc: jmathewitm@gmail.com

www.drs.de

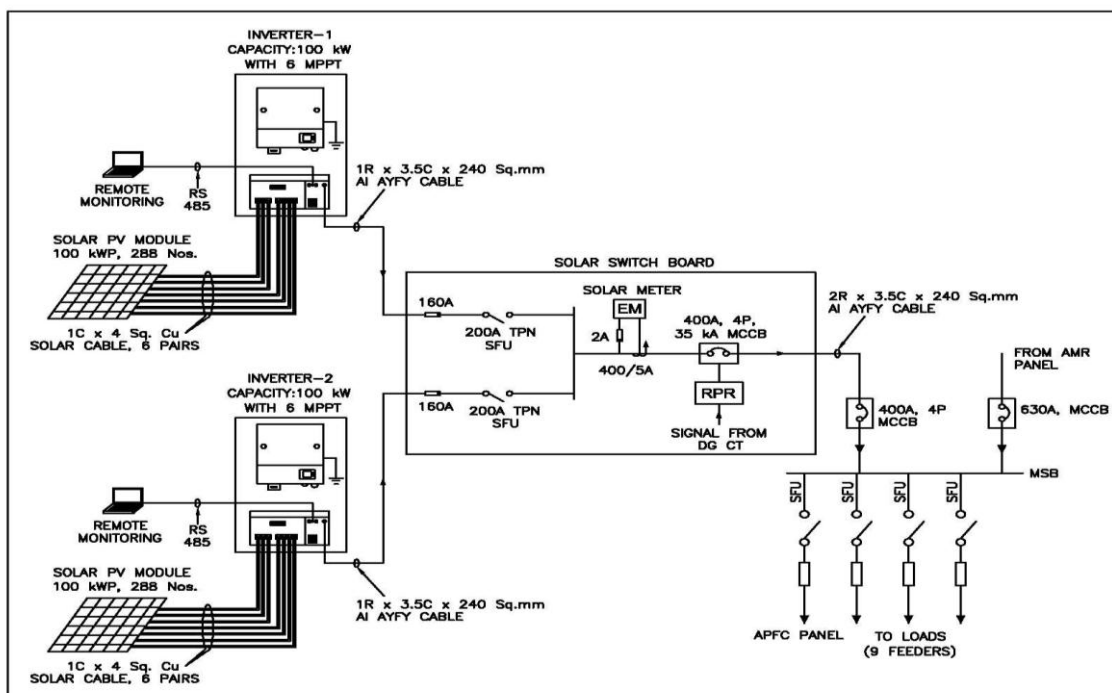
Street Address: Seebrenner Str. 13, D-72108 Rottenburg am Neckar

Solar Project Sanction Letter



Solar Plant Details

Solar Plant Details					
Stage	Capacity	Module Make	Inverter Make	Vendor	Year
Phase 1	50 kWp	Sungrace -India 250 kWp	KACO - Germany 1 No 49.9 kW	M/s Alternate Energy Solution - Angamaly/Sungrace Energy Solution, Hyderabad.	2017
Phase 2	200 kWp	APS - 350kWp	ABB 100 kW 2 Nos.	M/s Soura Natural Energy Solution India Pvt Ltd. Koratty, APS Ahmedabad	2019
Phase 3	30 kWp	M/s HHV 320Wp	FRONIUS Austria 15 kW 2 Nos.	M/s KC Kopar - Angamaly	2020



200 kWp Solar Power Plant

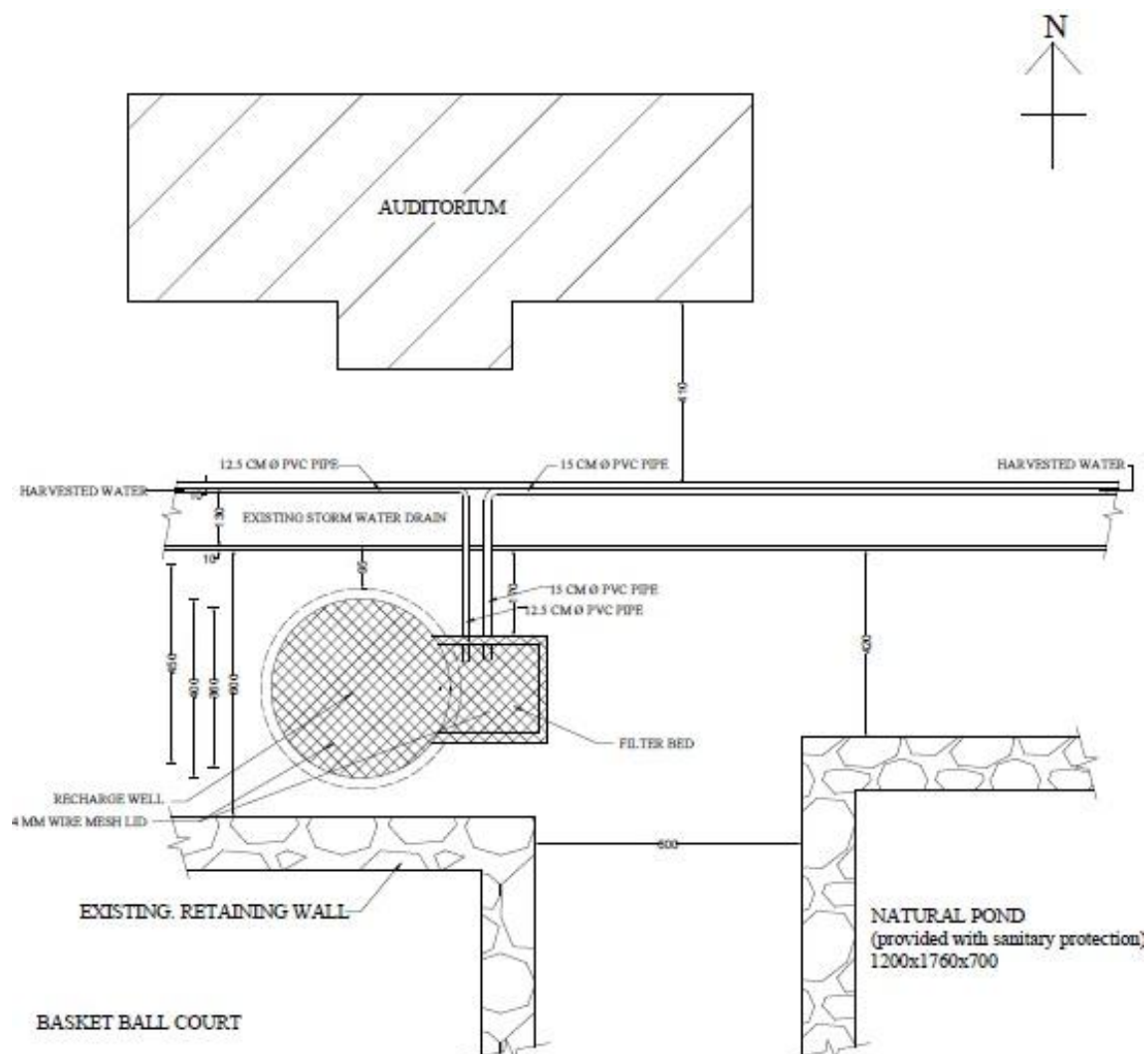


● Rain Water Harvesting

The rain water harvesting system located in the campus ensures round-the-clock availability of water even during the dry season. This is facilitated in two ways. The rain water obtained from the main-auditorium roof after filtration is diverted to a well. Rainfall collected from other rooftops is also used to recharge the groundwater.



Rain Water Harvesting Unit



Rain Water Harvesting System Layout Plan



VISWAJYOTHI

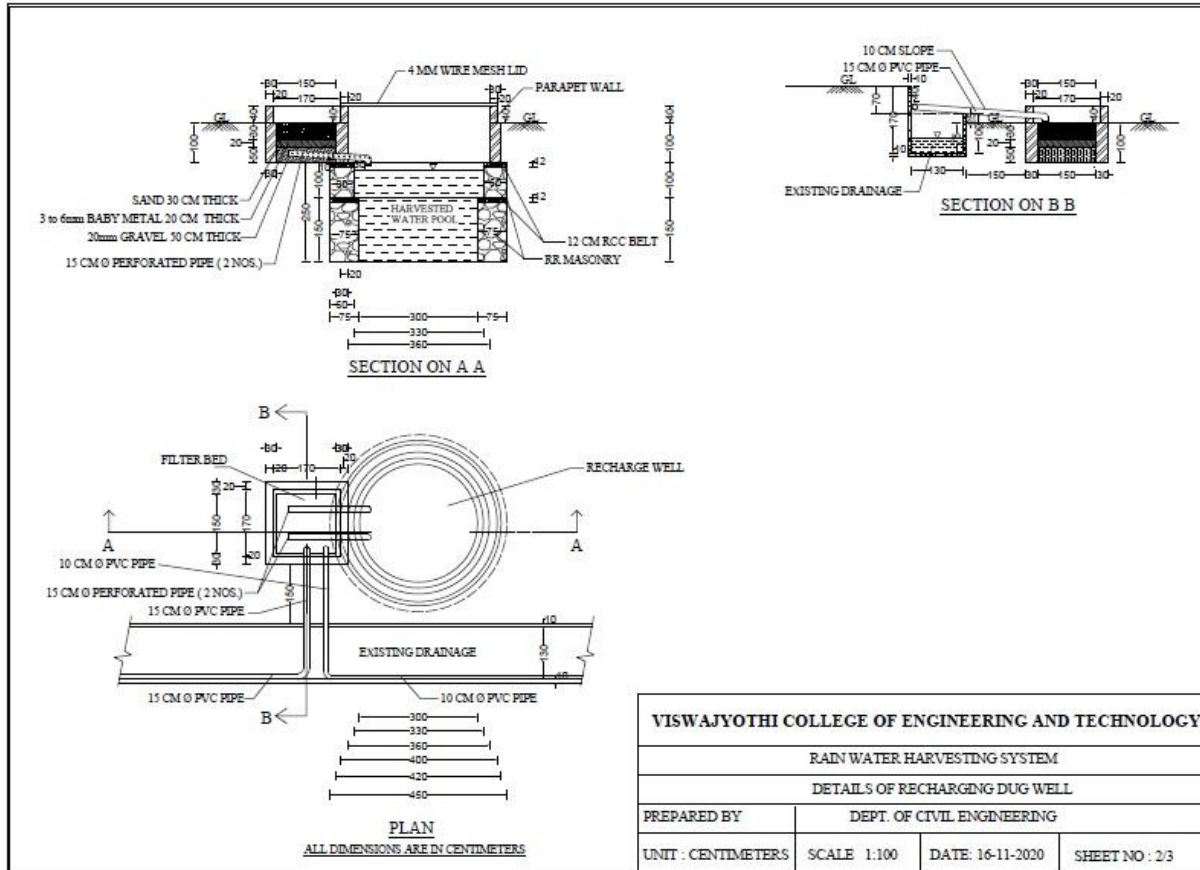
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Open Water Pond: (Outside view)



Details of Recharging Dug Well



- Sewage Treatment and Recycling Waste**

The STP encompasses preliminary treatment like screen, grit chamber, oil separator etc. followed by physicochemical treatment. The effluent is then subjected to secondary treatment employing Activated Sludge Process ensuring substantial BOD removal. The following tertiary treatment consists of a second level physicochemical process followed by double filtration and then disinfection. The SS, COD, BOD, pH etc. of the final treated effluent is routinely assessed in the Environmental Engineering Lab of the Civil Engineering Department of the College.



Sewage Treatment Plant



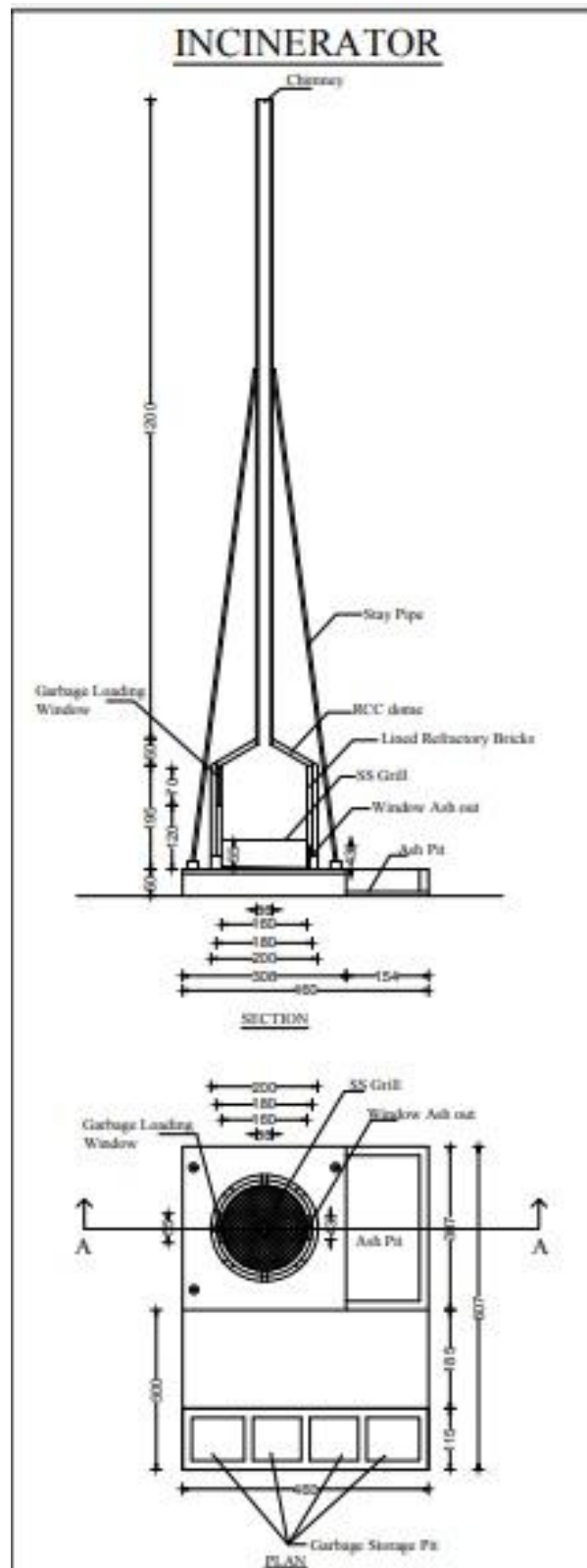
Overhead pumps located on the top floor

- **Each Waste To Its Place**

Special care is taken to segregate waste generated inside the campus according to its nature. Separate waste bins are kept aside for paper, plastic, metallic and organic matter. The non-biodegradable plastic and metallic wastes are transported and handled by an authorized recycler- Kerala Environ Infrastructure Limited.



Waste Segregation Bins



Incinerator Plan and Elevation



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- **E-Waste Agreement**

INDIA NON JUDICIAL

28AA 570546

E- WASTE AGREEMENT

AGREEMENT is entered at Kochi on this Wednesday, 2nd May 2018 between M/s KERALA ENVIRO INFRASTRUCTURE LIMITED having its registered office at FACT-CD Campus, Ambalamedu - 682 303, Kochi, Kerala, India, a company registered under the Companies Act, 1956 and currently represented

First Party M/s. Kerala Enviro Infrastructure Ltd.

Second Party M/s. Viswajyothi College of Engineering & Technology

Authorized Signatory (Dr. N. K. Pillai) Dr. N. K. PILLAI CEO Executive Officer Kerala Enviro Infrastructure Ltd. Ambalamedu - 682 303

Authorized Signatory (Dr. Joseph Paul C.) VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY VAZHAKULAM

No. 1323 Rs. 100 Date 30-04-18

Sold to VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY VAZHAKULAM

MUVATTUPUZHA VENDOR K. A. GOPAKUMAR

E-Waste Agreement with KEIL (page 1)



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INDIA NON JUDICIAL

28AA 570545

by its CEO, Dr. N. K. Pillai hereinafter referred to as "KEIL - First Party", which expression shall where context so requires or admits of, be deemed to include its successors or assignees) of on one part

And

M/S. Viswajyothi College of Engineering and Technology, Vazhakulam, Muvattupuzha, Private Self Financing Engineering College, approved by AICTE, affiliated to APJ Abdul Kalam Technological

"First Party" M/s. Kerala Enviro Infrastructure Ltd

"Second Party" M/s. Viswajyothi College of Engineering & Technology

Authorized Signatory (Dr. N. K. Pillai) Ambassador, 102 202

Authorized Signatory (Dr. Josephkunj Paul C.)

PIANT 102
VISWAJYOTHI COLLEGE OF
ENGINEERING & TECHNOLOGY
VAZHAKULAM

No. 132 Rs. 100 Date 30-06-18

Sold to VISWAJYOTHI COLLEGE OF
ENGINEERING & TECHNOLOGY
VAZHAKULAM

MUVATTUPUZHA VENGU
K. A. GOPAKUMAR

E-Waste Agreement with KEIL (page 2)




University, Kerala having its registered office at Vazhakulam, Muvattupuzha and currently represented by its Principal, Dr. Josephkunju Paul C. aged 58 years. Residing at Cheriyaandathil House, Kothamangalam - 686691 (hereinafter referred to as "MEMBER - Second Party" which expression shall where the context so requires or admits of, be deemed to include its successors or assignee) of the other part.

- A) The First Party has an e-waste collection centre approved by the Kerala state Pollution Control Board at its premises at Ambalamedu, Kochi - 682 303.
- B) The Second Party in compliance of e-waste (Management & Handling) Rules, 2011 desires to have services of KEIL for disposal of their e-waste.

This Agreement witnesses the following terms & conditions to be performed by both the parties to the Agreement.

- 1. The First Party has agreed to transport and store the e-waste from the Second Party as per the Provision of e-waste (Management & Handling) Rules, 2011.
- 2. The loading of e-waste in to the truck of the first party will be in the scope of the Second Party.
- 3. The First Party has agreed to make available a Certificate confirming that e-waste provided by the Second Party to the First Party has been sent to the authorized recycler as per the Provision of e-waste (Management & Handling) Rules, 2011.
- 4. The First Party will maintain form no. 2 under e-waste (Management & Handling) Rules, 2011. The First Party will sign the record book and / or any other document which are maintained by the Second Party.
- 5. The Second Party will accumulate all e-waste at one point and the First Party will send the vehicle to collect the e-waste once reasonable volume has accumulated.

"First Party"
M/s. Kerala Enviro Infrastructure Ltd


Dr. N. K. PILLAI
Chief Executive Officer
Kerala Enviro Infrastructure Ltd.
Ambalamedu - 682 303
Authorized Signatory
(Dr. N. K. Pillai)

"Second Party"
M/s. Viswajyothi College of Engineering & Technology


Authorized Signatory
(Dr. Josephkunju Paul C.)
PRINCIPAL
VISWAJYOTHI COLLEGE OF
ENGINEERING & TECHNOLOGY
VAZHAKULAM



E-Waste Agreement with KEIL (page 3)



6. The Second Party has agreed to handover the e-waste, the details of which are mentioned in Annexure - 1 to the First Party on "as is where is basis". The first party will send the e-waste to an authorized recycler.

7. The Second Party has agreed that the general waste such as municipal solid waste will not be included in the e-waste. Any other category of hazardous waste other than e-waste can be included only with the express written permission of the first party.

8. The Second Party's responsibility will cease once e-waste has been handed over to the First Party.

9. This agreement will be in force for a period of 5 years from the date of execution of this Agreement and can be renewed by mutual consent.

10. It is clearly agreed that all the e-waste procured by or in the possession of the Second Party will be exclusively processed by the First Party as per the terms and conditions specified above and there will be no cherry picking from the material by the Second Party for purpose of reuse/refurbish/resale/charity etc.

11. Records & data of the e-waste material procured will be transparently shared by the second party.

12. Either party can terminate this Agreement by giving 90 days written notice in advance to the other party citing reasonable grounds for such action. However the other party is not entitled to claim any compensation for such premature termination if with reasonable sufficient grounds.

"First Party"
M/s. Kerala Enviro Infrastructure Ltd

"Second Party"
M/s. Viswajyothi College of Engineering & Technology

Authorized Signatory
(Dr. N. K. Pillai) Dr. N. K. PILLAI
Chief Executive Officer
Kerala Enviro Infrastructure Ltd
Anthalamedu - 682 303

Authorized Signatory
(Dr. Joseph Mathan Paul C.)
VISHWAJYOTHI COLLEGE OF
ENGINEERING & TECHNOLOGY
VAZHAKULAM

Witness
1. Cherian George
2. Jayanth Kumar P.K.

Witness
1. JACOB MATHIAS
2. TONY AUGUSTINE

E-Waste Agreement with KEIL (page 4)



- **Promoting Zero-Emission Vehicles:**

Battery operated two-wheelers can be recharged free of cost inside the campus.



Electric Vehicle Recharging Point for two-wheelers

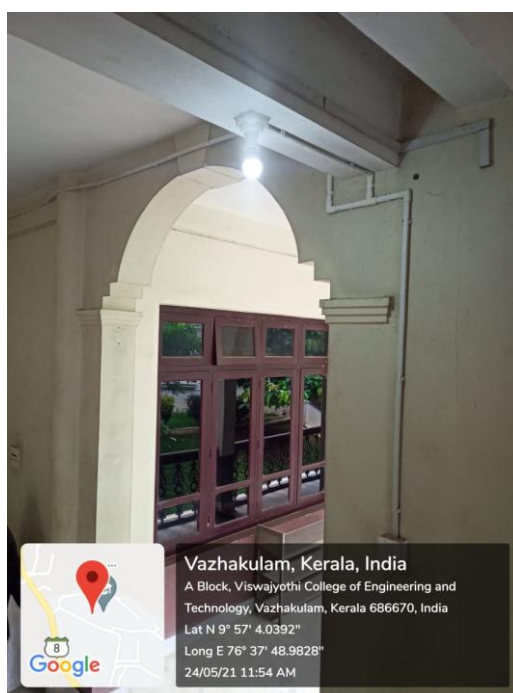


Recharging point (Front view)



- **Energy Saving Measures:**

Hundreds of LED sources of illumination ensure that the power consumption inside the campus is kept to a minimum. LED based street lamps, tube lights and bulbs are strategically placed within the campus.



Use of LED Bulbs



Use of LED Tube lights



- **Green Protocol:**

The Total Campus Solution software for the faculty of the college minimises the use of paper in the campus. Attendance entry of students, sessional mark entry and leave availed by the faculty are some of the features the provided by the software.

portal.vjcet.ac.in/TeacherLogin/EmpLeaveApplyForm.aspx

Viswajyothi College of Engineering and Technology

Total Campus Solution User: edfac131 Academic Year : 2021-2022 LOGOUT

Home Reports

Leave Application

Year: 2015

Leave Details Apply Leave Approval Details

Leave Summary

LeaveType	CarryForward	LeaveEntitled	LeavesTaken	Balance	PendingApproval	TotalBalance
Casual Leave	0.00	15.00	14	1.00	0.00	1
Comp Off	0.00	365.00	0	365.00	0.00	365
Duty Leave	0.00	365.00	11	354.00	0.00	354
Loss Of Pay	0.00	365.00	0	365.00	0.00	365

Apply Leave

Duty Leave

Full Day / Half Day ☒ Full Day ☐ Half Day

From date: 02/06/2021

End Date: 02/06/2021

No Of Days: 1

Valid from: n

Leave of absence can be availed via Total Campus Solution software

portal.vjcet.ac.in/StudentReports/ReportViewer.aspx?objSubType=SMABR

Viswajyothi College of Engineering and Technology

Total Campus Solution User: edfac131 Academic Year : 2015-2016 LOGOUT

Home Reports

Programme Management Attendance Internal Mark Faculty

Faculty / Monthly Attendance Basic

Monthly Attendance Basic

Month: September Department: Electronics and Communication Engineering

Year: 2015

Preview

Export to the selected format

Viswajyothi College of Engineering and Technology, Vazhakulam P.O

Monthly Basic Report :September-2015

Department: Electronics and Communication Engineering

Sl No	Code	Name	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	ECFAC131	Jibby Peter Dcruz	P	H	CL	P	H	H	P	P	P	U	P	H	H	P	P	P	P	P	P	H	H	P	DL	P	H	P	H	P

Faculty leave report using Total Campus Solution software



portal.vjcet.ac.in/InternalExamination/StaffsInternalMarkEntry.aspx

Viswajyothi College of Engineering and Technology Total Campus Solution User: edfac131 Academic Year : 2015-2016 LOGOUT

Home Reports

Student Internal Assessments

Class : S1-EE B Paper : BASICS OF ELECTRONICS ENGINEERING- EC 100
Assessment : Internal Test Previous Dates : 11/09/2015

Internal Mark Entry Late Promoted Internal Mark Entry

Assessment Date: 11/09/2015 Please change date for new entry View Details

11 September 2015

Roll No	Name	University Reg No	Marks	Attendance
			Min : 0.00 Max : 20.00	
34	RONEY G JOHNSON	0	7	<input checked="" type="checkbox"/>
35	RONEY PAUL ROY	0	8	<input checked="" type="checkbox"/>
36	ROSE MARIA GEORGE	0	10	<input checked="" type="checkbox"/>
37	SACHIN SABU	0	9	<input checked="" type="checkbox"/>
38	SANJAY BABU V L	0	4	<input checked="" type="checkbox"/>
39	SARAN SANKAR	0	15	<input checked="" type="checkbox"/>
40	SHABARISH SUNIL	0	13	<input checked="" type="checkbox"/>

Sessional Mark entry Sessional Mark entry using Total Campus Solution software

- **Green Cover**

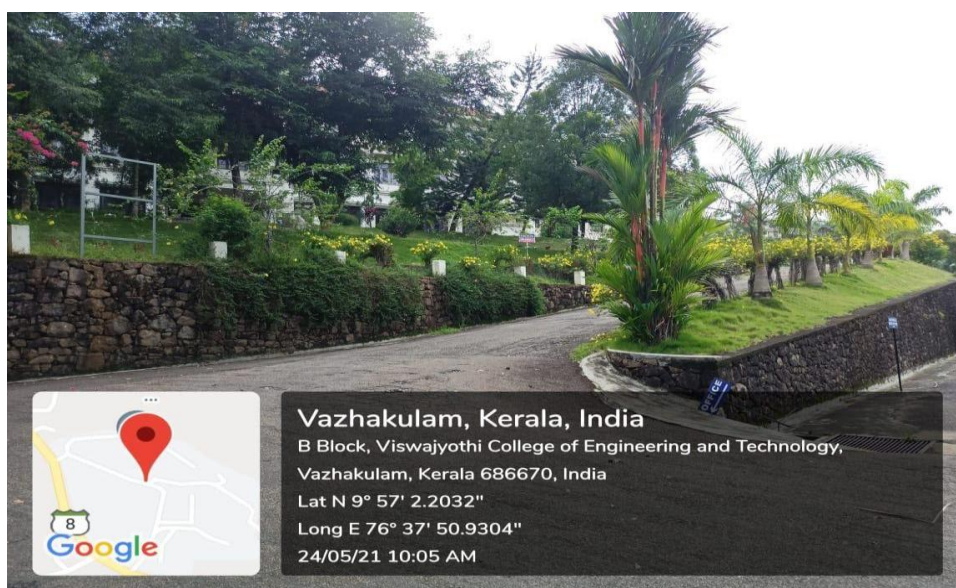


Green Cover in the campus



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Route to the college office



Towards the cafeteria



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Towards the main entrance to the college



Classes with access to fresh air