

Metric ID 7.1.3 **Report on Energy Audit Green audit / Environment audit**

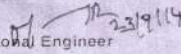
We have a separate transformer for the Degree College and Common Terminal (C.T) Meter is fixed and Solar Power Generated is tied to the Grid. The geo-tagged photo is given below:



Therefore, the over-all energy consumption including the 20HP Motor for trees and 12.5HP Motor for Drinking is from this C.T Meter. Due gradual shifting to Solar Energy, the electricity bills is almost nil. We pay only the surcharges. The electricity bills for last five years is attested by the Assistant Engineer. We also got the certificate from the Solar installation Company:

Total Load on DTR is 46.01 KW

TECHNICAL FEASIBILITY FORMAT FOR THE SOLAR ROOF TOP SPV UNIT		
A	Name of the applicant	Principal, Loyola degree college.
1	S/C No	2511201002032
2	Category	VII
3	Distribution	Pulivendula Town
4	Pole number	
5	Section	Pulivendula Town
6	Address	The principal. D.No 3-7-7 Loyola degree college, pulivendula
7	Mobile No	9440583110
B	Distribution Transformer Details	
1	Name of the SS	33/11kv Degree college Substation
2	DTR capacity in KVA	100 KVA
3	Voltage ratio	11kv/433V
4	Total Connected load on the DTR(in KVA)	46.01 kW
5	Addl. Loads sanctioned so far (in KVA)	-
6	Already proposed loads (in KVA)	-
7	Total Load on DTR : X=4+5+6 (in KVA)	46.01 kW
8	SPV Generators already connected capacity in KW	-
9	Proposed SPV generators capacity in KW	-
10	Total generation capacity Y=8+9 (in KW)	-
11	Difference between load and generation capacity Z=X-Y	-
12	Whether the transformer capacity is adequate to cater the proposed generator in addition to the existing loads and generators capacity with NPOCL and other sources (if any)	yes
C	FEEDER DETAILS	
1	Name of the 11KV feeder	11kv Degree college Feeder
2	Name of 33/11 SS from which 11KV feeder is emanating	33/11 kv Degree college Substation
3	Type and size of the conductor	ACSR 34 Sqmm
4	Current carrying capacity of the feeder	50A
5	Total connected DTR capacity on this 11KV feeder(KVA)	1765 kW
6	SPV generators connected on this feeder, if any, and their capacity	-
7	Maximum load reached on the feeder in Amps & KVA	50A
8	Remarks	
D	Whether technically feasible or not to export the power from proposed SPV generator (Yes or No)	yes


 Divisional Engineer
 OPERATIONAL ENGINEER
 OPERATION: AFSPDCL
 PULIVENDULA.

Acknowledgement

This is to certify that the Loyola Degree College(YSRR) has Solar Grid interactive roof-top SPV Power Plants (in terms of G.O.Ms.22, Dt:25.03.2013) with Bi-Directional Meter with No: 2511201002032 (Connected Load of 46.01KW). The monthly bills for the last six years is given below and attested:

Month	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
April	18187.00	14153	12149	13214	3763	3720
May	11229.00	4955	8502	2013	3870	3840
June	5008	1755	1755	0	3870	3840
July	0	13079	10967	7590	7840	3720
Aug	20430	18638	1605	3753	3737	6747
Sep	15934	3679	1605	3720	3720	470
Oct	12781	20378	1605	3720	3720	7756
Nov	1755	10000	1605	3720	3720	4058
Dec	1718	28720	2295	3720	9495	4038
Jan	3084	5786	0	7446	3870	4038
Feb	1755	7488	14550	5985	9495	4038
Mar	10530	2806	7193	3720	3870	4038
Total	102411	131437	63831	58601	60970	50303


PRINCIPAL
 LOYOLA DEGREE COLLEGE (YSRR)
 PULIVENDULA - 516 398
 V. S. R. Dist. (A.P.)


 Asst. Executive Engineer
 Operation Section
 APSPDCL :: Pulivendula Town

Date: 18-05-2023

To Whomsoever It May Concern


We, the Ahaskara Energy Systems, Plot No.4, Prashanthi Kuteer, Bellary Road, Ananthapuramu, A.P – 515001 have installed Solar Grid interactive roof-top SPV Power Plants (in terms of G.O.Ms.22, Dt:25.03.2013) in Loyola Degree College (YSRR), Pulivendula and maintaining it annually. We also monitor their monthly electricity bills for the whole campus. The following is the monthly bills for the past six years:

Month	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
April	18187	14153	12149	13214	3763	3720
May	11229	4955	8502	2013	3870	3840
June	5008	1755	1755	0	3870	3840
July	0	13079	10967	7590	7840	3720
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Jan	3084	5786	0	7446	3870	4038
Feb	1755	7488	14550	5985	9495	4038
Mar	10530	2806	7193	3720	3870	4038
TOTAL	₹ 1,02,411	₹ 1,31,437	₹ 63,831	₹ 58,601	₹ 60,970	₹ 50,303

For Ahaskara Energy Systems,


J Srinivas
 Authorized Signatory
 Mobile No: +917680880885 / +917013242107
 Email : ahaskaraenergy@gmail.com




PRINCIPAL
LOYOLA DEGREE COLLEGE (YSRR)
PULIVENDULA - 516 301
 S. R. Dist. (A.P.)

AHASKARA ENERGY SYSTEMS

Channel Partner for Redington India Ltd, TATA Power, UTL, Sudarshan Saur.
 Plot No.4, Prashanti Kuteer, Opp. MYR Funtion Hall, Bellary Road, Anantapuramu, A.P. – 515001
 Mob: +91 7680880885, +91 7013242107 Email: ahaskaraenergy@gmail.com
 GSTIN: 37ASFPM2564C1ZV

Sample Electricity Bill (indicating the Meter No and the Units consumed)

CALL 1912
CUSTOMER CARE 24/7
APSPDCL

Demand / Disconnection notice
(As per APERC Reg No.5 of 2004)

CIRCLE KADAPA
BILL DATE 02-07-23 10:47
BILL NO2514102071047441723
NAME DEGREE COLLEGE Y. S. R
USC NO 2511201002032
Aadhar Number XXXXXXXXXXXXX
Mobile Number 90XXXX7681
Social Catgeory 0
SECTION PULIVENDULA(TOWN
)
Bill Method Manual
METER NO 036682
Meter Type SOLAR
DTR Code 306511130055
POS GENERAL PURPOSE
CAT:LT4 SUB CAT:14 PH :3
CONTRACTED LOAD 47

BILL PERIOD 02.07.23 02.06.23
MTR STATUS PRESENT PREVIOUS
KWH 01 01
KVAH 34979 34119
SOLAR 42367 41377
OLD MTR KWH 106758 103213
OLD MTR KVAH 0
BILLED UNITS 860.0/990.0
AVERAGE UNITS 1226
SOLAR UNITS 3545.0
NET UNITS : -2685.0
RECORDED M. D : 24.0 MF :1
MIN/ENERGY CHRGS 150.00
FIXED CHARGES 3525.00
CUSTOMER CHARGES 45.00
ELECTRICITY DUTY 0.00
FPPCA(2021_06) 196.66
FPPCA(2023_05) 450.00
INTEREST ON ED 0.00
SURCHARGE 0.82
OTHER CHARGES 120.00
ADJUSTMENTS 0.00
TrueUp Charges(12/36) 198.43
AP GOVT SUBSIDY 0.00
Loss/Gain (+ / -) 0.09

BILL AMT Rs. 4686.00
ARREARS -7.00
TOTAL DUE Rs. 4679.00
AGL Demand 0.00
ACD Amount 0.00
Development Charges 0.00

DUE DATE 17-Jul-2023
DISCONNECTION DATE 02-Aug-2023
ASI PAID :5300 on 15-06-2023
D Available 56009.00
EE Contact 9440811935
Make Digitalpaymentusing Web/Mob

Electrical Appliances in the College

Tube lights & Fans in the Circular Building

Room No	Fan	T.L	Others
CB2	2	2	
CB4	2	2	
CB5	2	2	
CB6	2	1	
CB7	2	1	
CB8	2	1	
CB18	3	2	
CB19	3	2	
CB20	3	2	
CB21	3	2	
CB22	1	2	
CB23	2	2	
CB24	3	2	
CB25	3	2	
CB26	3	2	
CB27	3	2	
CB28	3	2	
CB29	3	2	
CB30	2	1	
	47	34	

Tube lights & Fans in the Circular Building – Departments

Room No	Fan	T.L	Others
Arts	2	1	
Chemistry	4	1	
Mathematics	4	2	
English	3	1	
Commerce	4	1	
Statistics	2	2	
Physics	6	2	
Languages	2	3	
Exam Section	1	2	
Parlour Room	1	1	
General Staff Room	4	5	
Ladies Staff Room	2	5	
Girls Toilets	2	1	
Staff Room	1	2	
Women Cell	1	1	
Vice – Principal Room	2	3	
	41	33	

Tube lights & Fans in the Administrative Block

Room No	Fan	T.L	Others
Office	6	7	
E –Room	4	3	1 AC
Analytical Lab	2	2	
ICT & Archives	2	4	1 AC
Correspondent	1	1	
Guest Room	2	1	1 AC
	17	18	

Tube lights & Fans in the Silver Jubilee Block

Room No	Fan	T.L	Others
1S1	3	3	
1S2	1	2	
1S3	TF : 4	5	
1S4	3	2	
1S5	3	3	
1S6	4	4	
1S7	3	3	
1S8	3	3	
2S1	3	1	
2S2	2	1	
2S3	2	2	
2S4	2	1	
2S5	3	1	
2S7	2	1	
2S8	2	1	
2S9	3	1	
2S10	3	3	
2S11	3	3	
3S1	2	1	
3S2	2	2	
3S3	1	1	
3S5	TF : 2	9	1 AC
3S6	0	2	
3S7	3	3	
3S8	3	2	
3S9	4	2	
3S10	2	1	
	62 + 6	63	

Tube lights & Fans in the Xavier Block

Room No	Fan	T.L	Others
Seminar Hall	19	17	4 AC, 1 LCD Projector
1XB2	1	1	
Chemistry Lab	11	22	
Language Room	2	2	
Zoology Lab	6	5	
NCC Room	1	1	
Geology Dpt	5	5	
Botany Lab	5	8	
2XB1	8	7	4 AC
2XB2	2	1	
2XB3	2	1	
2XB4	2	1	
2XB5	2	1	
AV Room	6	3	
Physics Lab	14	10	
SMS Room	1	1	
Open Hall	8	5	
3XB1	6	3	LCD Screen
3XB2	2	1	
3XB3	6	3	LCD Projector
3XB4	3	1	
3XB5	2	1	
3XB6	2	1	
3XB7	2	1	
	118	102	

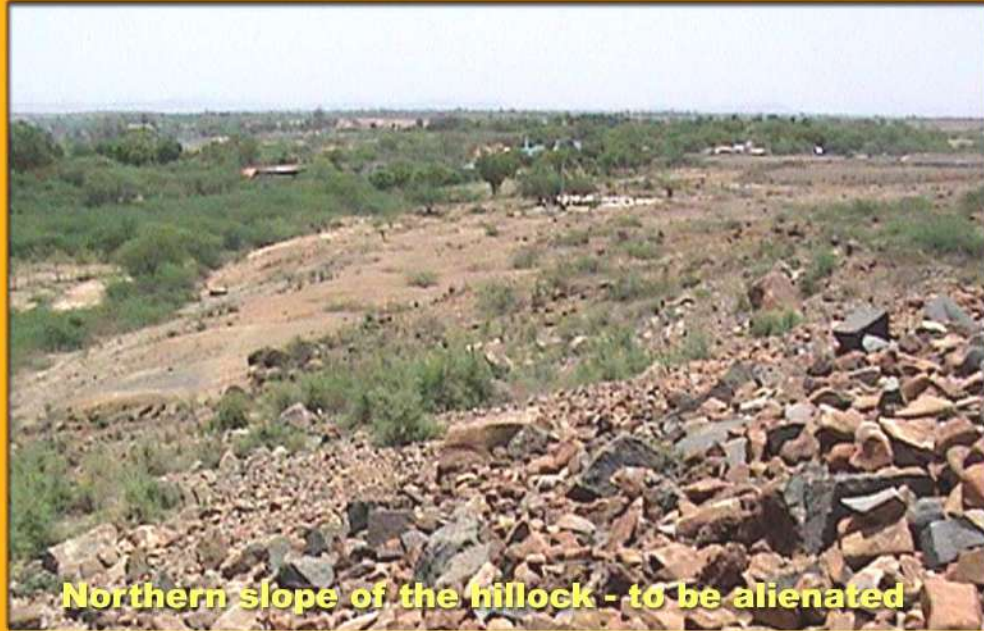
Library : Fans = 34, Tube Lights = 25, Bulbs = 11

Overall Count of Fans and Tube lights in the College

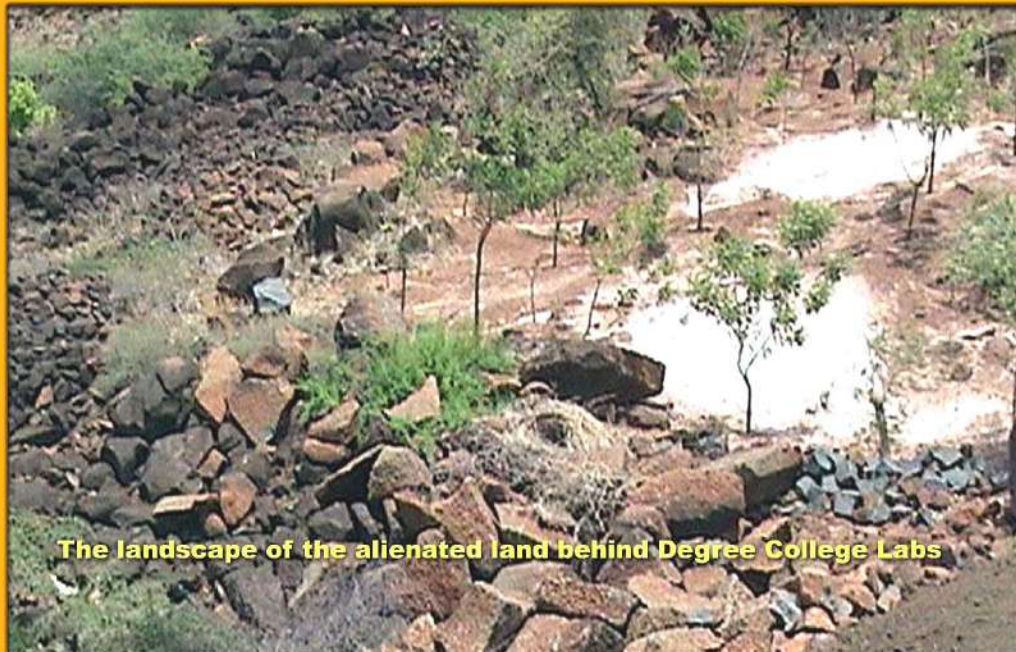
NAME	Fans	T.L
CB	47	34
Dpts	41	33
SJB	62	63
XB	118	102
AB	17	18
Library	34	25
Total	319	275

Report on Green audit / Environment audit

This College is situated on a 120ft high hillock. When it was handed over by Y.S. Raja Reddy Education Trust, it was a barren hillock. No water source on the hillock – water has to be pumped from the ground level – about 700 metres away. With consistent effort, hard work and personal care, the hillock turned out to be a mini forest.



Northern slope of the hillock - to be alienated



The landscape of the alienated land behind Degree College Labs

In 2000, we received award for Raising Nursery and Plantation

**Appreciation Award for Tree Plantation
and Nursery Raising - Aug'2000**



ప్రశంసా పత్రము

శ్రీ లయోల డిగ్రీ కాలేజి, పులివెందుల

గారు 2000 సంవత్సరములో నర్సరీ పెంపొందించు మరియు మొక్కలు నాటు
కార్యక్రమము కొరకు చేసిన విశిష్ట సేవలను గుర్తించి ఈ ప్రశంసాపత్రమును ప్రధానము
చేయడమైనది.

వీరి సేవలు అత్యుత్తమమైనవిగా పరిగణించి రికార్డు చేయడమైనది.

కడప
15-8-2000

Leash Tyanna
(లోకేష్ జైన్వాల, స.ఎం.ఎస్.)
డిప్యూటీ కమిషనర్ ఆఫ్ ఫారెస్ట్
కడప.

అశోక్
(అడర్ సి.ఎస్.ఎస్.)
కలెక్టరు మరియు జిల్లా మేజిస్ట్రేటు
కడప.

In 2006, in appreciation of our hard work, brought out a brochure and released it through former Chief Minister:

Success story

- Pipelines having outlets at various points were laid on the hill top. Planting was done along the gravity channels by releasing water from the above outlets.
- The enthusiastic involvement of the Principal, Staff and students of the College in all aspects of afforestation activities.

Impact

- Creating an aesthetic, pleasing and Green environment in the College Campus.
- Splendidly aligned Avenue trees provide shelter to local birds and the visitors.
- Students of the College literally enjoy Vasa Bhogam every day by having their lunch under the cool shade of the trees.
- Greenery of the Campus have encouraged the local folk including women and children to undertake Yoga, Meditation and Physical exercises during the morning and evening hours inside this beautiful man made forest.

Barren Hill Afforestation
A Success story of Loyola College, Pulivendula, Kantapa District

A.P. Forest Department
Dy. Conservator of Forests
Kantapa

In 2021, we got the District Champion Green Award from Mahatma Gandhi National Council for Rural Education (MGNCRE) through the District Collector on 15.09.21




सत्यमेव जयते

Government of India
Mahatma Gandhi National Council of Rural Education
Department of Higher Education
Ministry of Education


Where there is Rural Wellbeing
There is Universal Prosperity

District Green Champion Certificate

Certificate Number: MGNCRE/August/2021/DGCC/AP/YSR/15

This is to certify that Loyola Degree College (YSRR) is hereby recognized as District Green Champion for YSR Kadapa District for the Academic Year 2020-21. The Institution has successfully set up the Swachhta Action Plan Committee, adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management and Greenery Management.

This certificate is given in the presence of Sri Vijay Rama Raju, V, I.A.S, YSR Kadapa District Collector and District Magistrate, Andhra Pradesh.

Date – 11th August 2021


Dr. W G Prasanna Kumar
Chairman
MGNCRE, Ministry of Education
Government of India

With the help of III BZC Students the Department of Botany surveyed the plant/tree Species on the Campus. There are more than 28,000 trees on the Campus. The list is given below:

Survey of Plant Species on the College Campus

Loyola Degree College, Pulivendula: 2022-23

Haritha Vanam

S.No	Botanical Name	Common Name	Family	Total
1	Azadirachta Indicia	Vepa	Meliaceae	150
2	Ficus Religiosa	Raavi	Moraceae	02
3	Tamarindus Indica	Chintha	Fabaceae	13
4	Bambusa Aurndinacea	Veduru	Poaceae	09
5	Pongame pinnata	Kanuga	Fabaceae	11
6	Sapindus Mukorossa	Kunkudu	Lythraceae	01
7	Salsola Kalli	Kani Chettu	Amarantaceae	01
8	Pterocarpus Santalinus	Yeera Chandanam	Mimosaceae	20
9	Annona Squmosa	Sita Phalam	Amonese	02
10	Punica Granatum	Dhanimma	Punicaeae	02
11	Terminilia Catappa	Badham	Combretaceae	03
12	Saraca Asoca	Asoka	annonaceae	01
13	Peltophorum Pterocarpum	Pacha Sunkesala	Erra Chanadanaem	23
14	Cacascabela Thevetia	Pacha Ganneru	Aeapocynace	02
15	Psidium Guajava	Jama	Myrtaceae	2
16	Phyllanthus Emblica	Uciri	Phyllantaceae	5
17	Murraya Koenigii	Kari Veapaku	Rutaceae	3
18	Chukrasia Tabularis	Konda Vepa	Meliaceae	5
19	Thespesia Populnea	Ganga Raavi	Malvaceae	1
20	Vachellia Nilotica	Black Thuma	Fabaceae	6
21	Dichrostachys Cinerea	Velthuru Tree	Mimosaceae	2
22	Garcinia Gummi	Black Pulli	Clusiaceae	4
23	Acasia leucopholia	Tella Thumma	Moraceae	3
24	Butea Monosperma	Balasi Tree	Fabaceae	3
25	Senna Auriculata	Thangedu Tree	Fabaceae	7
26	Xylia Xylocarpa	Konda Thangedu	Fabaceae	5
27	Prosopis Juliflora	Dhanthi	Fabaceae	3

III BZC FIM

L. Sonitha
C. Sushmitha
G. Swetha

B. Nandu
17/7/2023
Lecturer in Botany
Y.S.S.R. DEGREE COLLEGE
PULIVENDULA

Vasantha Vanam

S.No	Botanical Name	Common Name	Family	Total
1	Azadirachta Indicia	Vepa	Meliaceae	130
2	Ficus Religiosa	Raavi	Moraceae	02
3	Tamarindus Indica	Chintha	Fabaceae	13
4	Bambusu Aurndinacea	Veduru	Poaceae	09
5	Pongamia Pinnata	Kanuga	Fabaceae	11
6	Sapindus Emarginatus	Kunkudu	Sapinadaceae	01
7	Carisa Carandas	Kali Chettu	Apocynaceae	01
8	Pterocarpus Santalinus	Erra Chanadanam	Fabaceae	20
9	Annona Squmosa	Sita Phalam	Annonaceae	02
10	Punica Granetum	Dhanimma	Punicaceae	02
11	Dodonia Viscosa	Bandhara	Sapinadaceae	03
12	Terminalia Cattappa	Badham	Combretaceae	01
13	Polylathia Long Folia	Asoka	Annonaceae	01
14	Peltophorum Pterocarpum	Pacha Sunkesala	Cesalpinaceae	23
15	Thevetia Peruviana	Pacha Ganneru	Apocynaceae	02
16	Psidium Guajava	Jama	Myrtaceae	3
17	Phyllanthus Emblica	Uciri	Phyllanthaceae	20
18	Murraya Koengii	Kari Veapaku	Rutaceae	4
19	Chukrasia Tabularis	Kond Vepa	Mileaceae	5
20	Thespia Populnea	Ganga Raavi	Fabaceae	1
21	Pongamia Pinnatta	Kanuga	Fabaceae	6
22	Pterocarpus Santalinus	Red Sandes	Fabaceae	40
23	Cassia Auriculata	Thangedu	Cesalpinaceae	6
24	Acasia Nilotica	Thuma	Fabaceae	6
25	Bougain Villea	Kagithala Pulu	Nyctaginaceae	10
26	Prosopis Julifera	Cheeki Tree	Fabaceae	10
27	Pongamia Pinneta	Kanuga	Fabaceae	6
28	Acacia Leucopholia	Tellatammu Tree	Fabaceae	3
29	Cassia Auriculata	Thangedu	Fabaceae	6
30	Xylia Xylocarpa	Konda Tangedu	Cesalpinaceae	7
31	Syzigum Cumini	Nerudu Trees	Myrtaceae	5
32	Annona Squmosa	Sitaphalam	Annonaceae	3

III BZC F/M

K. Varaja
N. Vandana

B. Navul
19/7/23
Lecturer in Botany
Y.S.U.R. DEGREE COLLEGE
PULIVANDALA

Sundara Vanam

S.No	Botanical Name	Common Name	Family	Total
1	Murraya Koengii	Kariveepaku	Rutaceae	5
2	Tamarindus Indica	Chaintha	Fabaceae	72
3	Azadirachta Indicia	Veppa	Meliaceae	20
4	Eucalyptus	Nelageri	Myrtaceae	6
5	Jasminum Auriculatum	Malle Tree	Oleaceae	10
6	Crossandra Infundibuliformis	Kanakambaram	Acantaceae	120
7	Tridax Procumbens	Gadhichamanthi	Asteraceae	120
8	Annona Squamosa	Sithapalam	Annonaceae	7
9	Thevetia Perviana	Pachaganeeru	Apocynaceae	230
10	Bougainvillea	Kagithala Pulu	Nyctaginaceae	33
11	Terminalia Catappa	Badam	Combretaceae	5
12	Cassipium Herbaceum	Prathee Trees	Fabaceae	40
13	Pongamia Pinnata	Kanuga	Fabaceae	43
14	Aegle Marmelos	Maredu	Rutaceae	1
15	Pterocarpus Santalinus	Red Sendes	Fabaceae	40
16	Sida Acuta	Medaburaku	Fabaceae	20
17	Ziziphus Mauritiana	Reni Chetuu	Rhamnaceae	8
18	Ficus Bengalensis	Marii Tree	Moraceae	2
19	Peltophorum Pterocarpum	Rain Tree	Cesalpiniaceae	4
20	Plumeria Pudica	White Flower	Asparagaceae	5
21	Punica Granatum	Dhanimma	Punicaceae	5
22	Nerium Oleander	Dheva Ganneru	Moraceae	10
23	Lawsonia Inermis	Gorentakuu Tree	Lythraceae	5
24	Acacia Spirorbis	Astrelia Thuma	Asteraceae	3
25	Celastrus orbiculatus	Oriental Bitter Sweet	Celastraceae	15
26	Rheodioscolor	Boat Lily	Commelinaceae	250
27	Alovera	Kalabandha	Asphodelaceae	150
28	Kalancho Pinnata	Cathedral Bells	Crassulaceae	30
29	Tectona Grandis	Teaku	Lamiaceae	3
30	Opuntia	Cactus	Crassulaceae	10
31	Euphorbia Milli	Red Plant Tree	Euphorbiaceae	20

III BZC R/M

Gp. Shivamani

G. Sreelakshmi

N. Nirmala

V. Siva Kusuma Sri

B. Nair
17/7/2023
Lecturer in Botany
Y.S.S.R. DEGREE COLLEGE
POLIVENDALA

From Main Gate to YSR Statue & In front of Circular Building

S.No	Botanical Name	Common Name	Family	Total
1	Cassia Alta	Seema Auvsu	Cesalpindaceae	538
2	Azadirachta Indicia	Vepa Chettu	Meliaceae	341
3	Ficus Virens	Jeevi Chettu	Moraceae	5
4	Bougain Villea	Kagithala Chettu	Nyctaginaceae	43
5	Tecoma Stans	Yellow Bells	Bignoniaceae	152
6	Ficus Benghalansis	Marri	Moraceae	7
7	Cactaceae	Nagajamudu	Cacteaceae	30
8	Pongamia Pinnetta	Kanuga Chettu	Fabaceae	28
9	Pterocarpus Santalinus	Red Sanders	Fabaceae	288
10	Albizia Lebbeck	Ladies Tongue	Fabaceae	59
11	Sida Acuta	Meda Berasaku	Mealvaceae	34
12	Phoenix	Eetha Chettu	Arecaceae	16
13	Dalbergia Latifolia	Rose Wood	Fabaceae	9
14	Catalapa Bignoioidaceae	Indian Bean Tree	Bignoniaceae	5
15	Ziziphus Mauritian	Reni Chettu	Rhamanaceae	8
16	Catharanthus Roseus	Billa Ganneru	Apocynaceae	203
17	Albezia Lebbeck	Dirisena	Fabaceae	92
18	Tamarindus Indica	Chintha Chettu	Fabaceae	28
19	Thespesia Populena	Ganga Reni Chettu	Malvaceae	13
20	Caryota Mistis	Fishtail Palm	Arecaceae	1
21	Ficus Religiosa	Ravi Chettu	Moraceae	7
22	Caldariocalyx Motorius	Dancing Plant	Fabaceae	9
23	Santalum Album	Sri Gandham	Santalaceae	6
24	Terminalia Catappa	Indian Almond	Combretaceae	1
25	Borassus Flabellifer	Ice Apple	Arecaceae	2
27	Paranopsis Paniculata	Chitti	Convolvulaceae	15
28	Murraya Koengii	Curry Tree	Rutaceae	26
29	Bambusu Aurndinacea	Bamboo Tree	Poaceae	45
30	Punica Granetum	Pomegranate	Punicaceae	6
31	Sapindus Emarginatus	Kunkudu Chettu	Sapindaceae	3

III B7C E/M

A. Granuh kumar Reddy

P. Naveen kumar

M. Venkata Sudha

K. Chaitan kumar

B. Naveen
17/12/2023
Lecturer in Botany
Y.S.R. DEGREE COLLEGE
PULIVENDALA

Nirmala Vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	264
2.	Bougain Villea	Bougain Villea	Nyctaginaceae	46
3.	Sequoia Sempervirans	Red Wood	Cupressaceae	212
4.	Ficus Religiosa	Raavi Chettu	Moraceae	13
5.	Aloevera	Kalabandha	Asphodelaceae	22
6.	Acasia Lucopholia	Tella Tumma	Fabaceae	37
7.	Tamarindus Indica	Chintha	Fabaceae	28
8.	Mangifera Indica	Mamidi	Ancardiaceae	6
9.	Terminalia Catappa	Indian Almond	Combretaceae	4
10.	Prosopis Julifera	Thumma	Fabaceae	15
11.	Punica Granetum	Danimma	Punicaceae	5
12.	Citrus Limon	Nimma	Rutaceae	6
13.	Mucuna Puriens	Duradachettu	Fabaceae	56
14.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	0
15.	Chukrasia Tabularis	Konda Vepu	Meliaceae	2
16.	Ficus Religiosa	Raavi	Moraceae	8
17.	Muraya Koengii	Kaarivepaku	Rutaceae	15
18.	Senna Alta	Sema Avesi	Fabaceae	124
19.	Tecoms Stans	Yellow Bells	Bignoniaceae	16
20.	Ficus Benghalensis	Marri	Moraceae	16
21.	Beta Bulgaris	Betha	Amaranthaceae	4
22.	Ziziphus Maurtian	Reni	Rhamanaceae	7
23.	Catharanthus Roseus	Billaganneru	Apocynaceae	2
24.	Thespesia Populnea	Gangireni	Malvaceae	11
25.	Santlum Album	Sree Gandaham	Santalaceae	14
26.	Bambusu Aurmdinacea	Veduru	Poaceae	42

III BZC EIM
 S. Subbaham
 B. Naveen kumar
 Y. Vishnu shatm 9

B. Naveen
 17/7/2023
 Lecturer in Botany
 Y.S.S.R. DEGREE COLLEGE
 POLIVENDALA

Ashoka Vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indica	Vepa	Meliaceae	253
2.	Mangifera Indica	Mango	Anacardiaceae	3
3.	Annona Squamosa	Sethapalam	Annonaceae	10
4.	Bougainvillea	Kagithala Chettu	Nyctaginaceae	30
5.	Tamarindus Indica	Chintha Chettu	Fabaceae	20
6.	Pterocarpus Santalinus	Erra Chandnam	Fabaceae	28
7.	Tridax Procumbens	Gaddi Chamanthi	Asteraceae	10
8.	Terminalia Catappa	India Almond	Combretaceae	8
9.	Gossypium Herbaceum	Cotton	Malvaceae	15
10.	Zuzuphus zuzuba	Regi	Rhamanaceae	6
11.	Pongamia Pinnata	Kanuga	Fabaceae	12
12.	Parthenium Histeroporosis	Vayyari Bhama	Asteraceae	16
13.	Acyranthes	Utta Reni	Amaranthaceae	8
14.	Acacia Leucopholia	Tella Tumma	Fabaceae	2
15.	Limonia Acidissima	Yellakaya Chettu	Rutaceae	8
16.	Tecoma Stans	Yellow Flower Tree	Bignoniaceae	23
17.	Alovera	Kalabandha	Cactus	36
18.	Bambusa Aurindinacea	Veduru	Poaceae	30
19.	Sida Acuta	Meda Aaku	Malvaceae	45
20.	Achyranthus	Uttareni	Akrianthaceae	3
21.	Ph Oenix Sylvestris	Eetha Chettu	Arecaceae	1
22.	Catharanthus Roseus	Billa Ganneru	Apocynaceae	10
23.	Holoptelea Integrifolia	Nemali Chettu	Ulmaceae	15

III BZC ELM D. Bhavitha
 B. Bujjamma Y. Gayathri
 B. Aparna

B. Neelam
 17/7/2023
 Lecturer in Botany
 Y.S.S.R. DEGREE COLLEGE
 PUCIVENDALA

Brindha vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	1011
2.	Bougain Villea	Bougain Villea	Nyctaginaceae	46
3.	Pterocarpus santalinus	Erra chanadanam	Fabaceae	45
4.	Ficus Religiosa	Raavi Chettu	Moraceae	02
5.	Ageve angustifolia	Agave	Aspharagaceae	60
6.	Acasia Lucopholia	Tella Tumma	Fabaceae	62
7.	Tamarindus Indica	Chintha	Fabaceae	40
8.	Mangifera Indica	Mamidi	Ancardiaceae	01
9.	Terminalia Catappa	Indian Almond	Combretaceae	54
10.	Prosopis Julifera	Thumma	Fabaceae	15
11.	Punica Granetum	Danimma	Punicaceae	5
12.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	500
13.	Chukrasia Tabularis	Konda Vepu	Meliaceae	05
14.	Ficus Religiosa	Raavi	Moraceae	03
15.	Muraya Koengii	Kaarivepaku	Rutaceae	15
16.	Senna Alta	Sema Avesi	Fabaceae	05
17.	Tecoms Stans	Yellow Beils	Bignoniaceae	500
18.	Beta Bulgaris	Betha	Amaranthaceae	4
19.	Ziziphus Maurtian	Reni	Rhamanaceae	30
20.	Bambusu Aurmdinacea	Veduru	Poaceae	42
21.	Abutilan indicum	Thuthura benda	malvaceae	34
22.	Delonix regia	Erra thuraye	fabaceae	05
23.	Pongame pinnata	Kanuga	Fabaceae	20
24.	Agave tequilina	Blue agave	Asparagaceae	60
25.	Achlypha indica	Kuppintaku	Euphorbiaceae	70
26.	Dodonia Viscosa	Bandhara	sapinadceae	50

III BZC KIm
P. Harshitha
M. Jayalakshmi

B. Navul
17/7/2023
Lecturer in Botany
Y.S.S.R. DEGREE COLLEGE
POLIVENDALA

Singara vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	1564
2.	Bougain Villea	Bougain Villea	Nytaginaceae	34
3.	Terocarpus santalinus	Errachandanam	fabaceae	46
4.	Ficus Religiosa	Raavi Chettu	Moraceae	3
5.	Ageve angustifolia	Agave	Aspharagaceae	80
6.	Acasia Lucopholia	Tella Tumma	Fabaceae	560
7.	Tamarindus Indica	Chintha	Fabaceae	64
8.	Tectona grandis	Teak	Laminaceae	40
9.	Acassia nilotica	Nalla thumma	fabaceae	1043
10.	Prosopis Julifera	Chikichettu	Fabaceae	605
11.	Acasia lucho pholia	Tella thumma	fabaceae	70
12.	Prosopis juliflora	Mulla thumma	fabaceae	40
13.	Mucuna Pruriens	Duradachettu	Fabaceae	56
14.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	710
15.	Chukrasia Tabularis	Konda Vepu	Meliaceae	2
16.	Ficus Religiosa	Raavi	Moraceae	8
17.	Muraya Koengii	Kaarivepaku	Rutaceae	15
18.	Senna Alta	Sema Avesi	Fabaceae	2
19.	Tecoms Stans	Yellow Bells	Bignoniaceae	30
20.	Ziziphus Maurtian	Reni	Rhamanaceae	50
21.	Catharanthus Roseus	Billaganneru	apocynaceae	13
22.	Bambusu Aurmdinacea	Veduru	Poaceae	27
23.	Calotropis gignetia	Jiledu	Asclepiaceae	47
24.	Pongamia pinneta	Kanuga	fabaceae	26
25.	Abutilan indicum	Thuntura benda	Malvaceae	66
26.	Carissa carandas	Kalikaya chettu	apocynaceae	62

III B7C K/M

G. kalpna

D. Nedambair

B. Nayyar
17/7/2023
Lecturer in Botany
Y.S.S.R. DEGREE COLLEGE
ELUVENDALA

Tapo vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	1674
2.	Bougain Villea	Bougain Villea	Nytaginaceae	46
3.	Acasia Lucopholia	Tella Tumma	Fabaceae	87
4.	Tamarindus Indica	Chintha	Fabaceae	58
5.	Bougain Villea	Bougain Villea	Nytaginaceae	10
6.	Terocarpus santalinus	Errachandanam	fabaceae	75
7.	Ageve angustifolia	Agave	Aspharagaceae	80
8.	Acasia Lucopholia	Tella Tumma	Fabaceae	560
9.	Tamarindus Indica	Chintha	Fabaceae	64
10.	Tectona grandis	Teak	Laminaceae	43
11.	Acassia nilotica	Nalla thumma	fabaceae	1043
12.	Prosopis Julifera	Chikichettu	Fabaceae	605
13.	Acasia lucho pholia	Tella thumma	fabaceae	73
14.	Prosopis juliflora	Mulla thumma	fabaceae	68
15.	Mucuna Pruriens	Duradachettu	Fabaceae	57
16.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	710
17.	Chukrasia Tabularis	Konda Vepu	Meliaceae	2
18.	Senna alta	Sema Avesi	Fabaceae	2
19.	Tecoma Stans	Yellow Bells	Bignoniaceae	35
20.	Ziziphus Maurtian	Reni	Rhamanaceae	66
21.	Catharanthus Roseus	Billaganneru	apocynaceae	03
22.	Bambusu Aurndinacea	Veduru	Poacaceae	44
23.	Calotropis gignetia	Jiledu	Asclepiaceae	33
24.	Pongamia pinnetta	Kanuga	fabaceae	38
25.	Abutilan indicum	Thuntura benda	Malvaceae	66
26.	Carissa carandas	Kalikaya chettu	apocynaceae	62

III BZC EM
A. Nounika

B. Nounika
17/7/2023
Lecturer in Botany
Y.S.S.R. DEGREE COLLEGE
PULIVENDALA

Karthika Vanam

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	1054
2.	Ageve angustifolia	Agave	Aspharagaceae	96
3.	Acasia Lucopholia	Tella Tumma	Fabaceae	49
4.	Tamarindus Indica	Chintha	Fabaceae	47
5.	Tectona grandis	Teak	Laminaceae	38
6.	Prosopis Julifera	Thumma	Fabaceae	387
7.	Punica Granetum	Danimma	Punicaceae	01
8.	Mucuna Pruriens	Duradachettu	Fabaceae	48
9.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	600
10.	Chukrasia Tabularis	Konda Vepu	Meliaceae	04
11.	Senna Alta	Sema Avesi	Fabaceae	03
12.	Ziziphus Maurtian	Reni	Rhamanaceae	68
13.	Ziziphus jujuba	Reni	Rhamanaceae	74
14.	Bambusu Aurmdinacea	Veduru	Poaceae	46
15.	Tamarindus Indica	Chintha	Fabaceae	56
16.	Dichro staches cineria	Veluturu chettu	Fabaceae	89
17.	Tecoms Stans	Yellow Bells	Bignoniaceae	16
18.	Ficus Benghalensis	Marri	Moraceae	16
19.	Beta Bulgaris	Betha	Amaranthaceae	79
20.	Catharanthus Roseus	Billaganmeru	Apocynaceae	02
21.	Abutilon indicum	Thuthura benda	malvaceae	65
22.	Dodonia viscosa	Bandhara	sapinadaceae	57
23.	Tectona grandis	Teak	Laminaceae	68
24.	Prosopis Julifera	Chiki	fabaceae	577
25.	Carissa carandas	Kalikaya chettu	apocynaceae	39
26.	Zuzuphus jujuba	Reni	Rhamanaceae	68

III B7C Elm
L. Sunithra

B. Nayal
17/7/2023
Lecturer in Botany
V.B.S.R. DEGREE COLLEGE
POLIVENDALA

Niramala hostel left side place

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	35
2.	Bougain Villea	Bougain Villea	Nyctaginaceae	05
3.	Acasia Lucopholia	Tella Tumma	Fabaceae	45
4.	Tamarindus Indica	Chintha	Fabaceae	12
5.	Tectona grandis	Teak	Lamiaceae	04
6.	Prosopis Julifera	Tella Thumma	Fabaceae	15
7.	Punica Granetum	Danimma	Punicaceae	02
8.	Mucuna Pruriens	Duradachettu	Fabaceae	58
9.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	77
10.	Chukrasia Tabularis	Konda Vepu	Meliaceae	04
11.	Tecoms Stans	Yellow Bells	Bignoniaceae	11
12.	Beta Bulgaris	Betha	Amaranthaceae	34
13.	Ziziphus Maurtian		Rhamanaceae	74
14.	Ziziphus jujuba	Reni	Rhamanaceae	56
15.	Bambusu Aurmdinacea	Veduru	Poacaceae	02
16.	Catharanthus Roseus	Billaganneru	Apocynaceae	05
17.	Prosopis Julifera	Chiki	fabaceae	658
18.	Carissa carandas	Kalikaya chettu	apocynaceae	78
19.	Abutilon indicum	Thuthura benda	malvaceae	39
20.	Acasia Lucopholia	Tella Tumma	Fabaceae	66
21.	Sida acuta	Meda Aaku	Malvaceae	79
22.	Acsia nilotica	Nalla thumma	fabaceae	69

III BZC EIM
 Gc. Danga
 N. Nizmal

B. Nany
 17/7/2023
 Lecturer in Botany
 Y.S.S.R. DEGREE COLLEGE
 PULIVENDALA

Father residential right tank side

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	264
2.	Bougain Villea	Bougain Villea	Nyctaginaceae	46
3.	Sequoia Sempervirans	Red Wood	Cupressaceae	212
4.	Ficus Religiosa	Raavi Chettu	Moraceae	13
5.	Aloevera	Kalabandha	Asphodelaceae	22
6.	Acasia Lucopholia	Tella Tumma	Fabaceae	37
7.	Tamarindus Indica	Chintha	Fabaceae	28
8.	Mangifera Indica	Mamidi	Anacardiaceae	6
9.	Terminalia Catappa	Indian Almond	Combretaceae	4
10.	Prosopis Julifera	Thumma	Fabaceae	15
11.	Punica Granetum	Danimma	Punicaceae	5
12.	Citrus Limon	Nimma	Rutaceae	6
13.	Mucuna Pruriens	Duradachettu	Fabaceae	56
14.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	700
15.	Chukrasia Tabularis	Konda Vepu	Meliaceae	2
16.	Ficus Religiosa	Raavi	Moraceae	8
17.	Muraya Koengii	Kaarivepaku	Rutaceae	15
18.	Senna Alta	Sema Avesi	Fabaceae	124
19.	Tecoms Stans	Yellow Bells	Bignoniaceae	16
20.	Ficus Bengalensis	Marri	Moraceae	16
21.	Beta Bulgaris	Betha	Amaranthaceae	4
22.	Ziziphus Maurtian	Reni	Rhamanaceae	7
23.	Catharanthus Roseus	Billaganneru	Apocynaceae	2
24.	Thespesia Populnea	Gangireni	Malvaceae	11
25.	Santlum Album	Sree Gandaham	Santalaceae	14
26.	Bambusu Aurmdinacea	Veduru	Poaceae	42

III BZC EIM
P. NAVEEN kumar
B. Naveen Kumar

B. Naveen
17/7/2023
Y.S.S.R. DEGREE COLLEGE
PULIVENDALA

Father residential to main entry road to nirmala hostel main entry road

S.No	Botanical Name	Common Name	Family	Total
1.	Azadirachta Indicia	Vepa	Meliaceae	264
2.	Bougain Villea	Bougain Villea	Nyctaginaceae	46
3.	Sequoia Sempervirans	Red Wood	Cupressaceae	212
4.	Ficus Religiosa	Raavi Chettu	Moraceae	13
5.	Aloevera	Kalabandha	Asphodelaceae	22
6.	Acasia Lucopholia	Tella Tumma	Fabaceae	37
7.	Tamarindus Indica	Chintha	Fabaceae	28
8.	Mangifera Indica	Mamidi	Ancardiaceae	6
9.	Terminalia Catappa	Indian Almond	Combretaceae	4
10.	Prosopis Julifera	Thumma	Fabaceae	15
11.	Punica Granetum	Danimma	Punicaceae	5
12.	Citrus Limon	Nimma	Rutaceae	6
13.	Mucuna Pruriens	Duradachettu	Fabaceae	56
14.	Parthenium Histeroporosis	Vayyaribhama	Asteraceae	600
15.	Chukrasia Tabularis	Konda Vepu	Meliaceae	10
16.	Ficus Religiosa	Raavi	Moraceae	8
17.	Muraya Koengii	Kaarivepaku	Rutaceae	15
18.	Senna Alta	Sema Avesi	Fabaceae	124
19.	Tecoms Stans	Yellow Bells	Bignoniaceae	16
20.	Ficus Bengalensis	Marri	Moraceae	16
21.	Beta Bulgaris	Betha	Amaranthaceae	4
22.	Ziziphus Maurtian	Reni	Rhamanaceae	7
23.	Catharanthus Roseus	Billaganneru	Apocynaceae	402
24.	Thespesia Populnea	Gangireni	Malvaceae	11
25.	Santlum Album	Sree Gandabam	Santalaceae	14
26.	Bambusu Aurmdinacea	Veduru	Poacaceae	42

III BZC R/M


B. Naveen kumar.

Y. Vishnu shabm9

B. Naveen
17/11/2023
Lecturer in Botany
Y.S.R. JYOTHI COLLEGE
MULUNDAPALLE

Survey of Plant Species on the College Campus

S.No	Location	Total
1	Haritha vanam	289
2	Vasantha vanam	362
3	Sundara Vanam	1257
4	From Main Gate to YSR Statue & In front of Circular Building	2020
5	Ashoka Vanam	592
6	Father residential main gate to nimarla hostel gate	1983
7	Father residential left tank side	1675
8	Brindha vanam	2624
9	Tapo vanam	5604
10	Singara vanam	7936
11	Karthika vanam	3647
12	Nirmala hostel left side place	1428
	Total plant species on the campus	28,409


PRINCIPAL
ADYOLA DEGREE COLLEGE (YBP)
PULIVENDULA - 516 390
V. S. R. Dist. (A.P)

B. Nandy
 17/7/2023
 Y.S.R. DEGREE COLLEGE
 PULIVENDULA