GOVERNMENT DEGREE COLLEGE

KARVETINAGARAM, CHITTOOR (DT), A.P.

Criteria-7

7.2.1: Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

2017-18 to 2021-22

GOVERNMENT DEGREE COLLEGE:KARVETINAGARAM

7.2.1 Rain Water Harvesting

INTRODUCTION

Rainwater harvesting is an important environment friendly approach. It is a Green Practice having double benefit of keeping the groundwater level undisturbed and charging the aquifer. Rainwater and run-off water, stored in a planned way, can save the earth from soil erosion and flood and recharge the aquifers to increase the groundwater level. The extensive and unplanned use of groundwater has not only disturbed the natural water level but also has made the groundwater contaminated and unfit for use. Collecting and harvesting rainwater and run-off water would reserve the water for future generation. Rainwater harvesting is eco-friendly and economical. The cost of digging a catchment area can be saved by roof-top collection of rainwater. The catchments and settlement tanks reduce the ground heat and act as a natural cooler. The best part of the practice of rainwater harvesting, is that if unused, this water can be collected in natural ponds or artificial tanks and decanted to the ground thus charging the a aquifer.

OBJECTIVES

To increase recharge of groundwater by capturing and storing rainwater, by rainwater harvesting from rooftop run-offs. Rainwater harvesting is one of the best method fulfilling those requirements as it increases the ground water level. Rainwater harvesting pit and ground water recharging system is constructed in our College near bore well point.

RAINWATER HARVESTING SYSTEMS AND ITS FEATURES

Rainwater Harvesting is a simple technique of catching and holding rainwater where it falls. Either, we can store it in tanks or we can use it to recharge groundwater depending upon the situation and requirement. Ease in constructing system in less time. Economically cheaper in construction compared to other sources, i.e. dams, diversion, etc. Rainwater harvesting is the ideal situation for those areas where there is inadequate groundwater supply or surface resources. Helps in utilizing the primary source of water and prevent the runoff from going into sewer or storm drains, thereby reducing the load on treatment plants

Methods Adopted in the College to recharge Ground Water:

In order to promote artificial groundwater recharge through rain water harvesting structures from roof top areas with recharge pit is provided over and across the premises.

A recharge pit allows the rainwater to replenish groundwater by recharging the underground aquifers. It can be built to recharge a bore well or just to help the water infiltration in an area.

College has installed 1 rain harvesting pit in the college campus during the month of August, 2021.

The common Procedure to construct the pit involves a 4 stage Process:

Stage 1: Digging a pit with required dimensions

Stage 2: Filling the 3/4th of the pit with black stone which does not absorb any water.

Stage 3: Constructing Cement Rings around the pit

Stage 4: Filling up the remaining ¼th of the pit with 30mm metal stone.


GPS Map Camera
Chittoor, Andhra Pradesh, India
19/08/2021 Chittoor Puttur Rd, Andhra Pradesh
517583, India
Lat 13.427329°
Long 79.452264°
GOVE
DEGR
Google

SOLID WASTE MANAGEMENT

OBJECTIVES

The main objective of the solid waste management system in the campus is to promote the Environment Management and Conservation in the College Campus. The purpose of the current available system is

- To identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.
- To introduce and aware students to real concerns of environment and its sustainability
- To secure the environment and cut down the threats posed to human health by analyzing the pattern and extent of resource use on the campus.
- To establish a baseline data to assess future sustainability by avoiding the interruptions in environment that are more difficult to handle and their corrections requires high cost.
- To bring out a status report on environmental compliance.
- Composting and recycling are the methods adopted by the institute.

IMPLEMENTATION

The total solid waste collected in the campus is 100 Kgs during the year 2021-22. Waste generation from tree droppings is a major solid waste generated in the campus. However it also includes papers and bottles which is segregated at source by providing separate dustbins for Bio-degradable and Plastic waste. The recycled solid waste is handed over to the local panchayath for further usage.


SOLID WASTE PIT
GDC, KARVETINAGARAM
GPS Map Camera
Chittoor, Andhra Pradesh, India
17/08/2021 Chittoor Puttur Rd, Andhra Pradesh
517583, India
Lat 13.427329°
Long 79.452264°
69
Google


6
DEPT OF CHEMISTRY
CHEMISTRY LAB

GRAMPANCHAYATH, KARVETINAGARAM

CERTIFICATE OF APPRECIATION

We sincerely thank **Government Degree College, Karvetinagaram** for participating and implementing Solid Waste Management.

Government Degree College, Karvetinagaram has implemented Solid Waste Management in an environment friendly manner and diverted 100 Kgs of waste from landfill to recycling during the year 2021-22.

Let us continue to Recycle Waste and Save Environment.

Date: 08/08/2022

KARVETINAGARAM

PANCHAYAT SECRETARY
GRAMPANCHAYAT
KARVETINAGARAM - 517 582

GOVERNMETN DEGREE COLLEGE KARVETINAGARAM

Information and Communication Technology (ICT) Based Teaching and Learning

OBJECTIVES OF THE PRACTICE

ICT is an umbrella term that includes any communication device or application, encompassing: radio, television, cellular phones, computer and network hardware and software, satellite systems and so on, as well as the various services and applications associated with them, such as videoconferencing and distance learning. ICT, or information and communications technology (or technologies), is the infrastructure and components that enable modern computing. The present curricula for ICT in education aim at realizing the goals of the National Policy of ICT in Schools Education and the National Curriculum Framework. The college has a uniquely conceived mission to provide a unique socio-economic status to the graduate students. The main objective of this practice is ensuring the students to learn prescribed curriculum with very effective way to get the knowledge. College has improved the ICT based facility in teaching and learning process stepwise in last five years. The goal of Information and communication technology is to fulfill the gap between traditional method and innovative method of teaching and learning.

THE PRACTICE

Required tools for Information and Communication Technology based teaching learning is made available with, computers, LCD projectors (4), Smart Boards (4), internet (with 80 Mbps Speed) , Wi-Fi, G-Suit etc. Power point presentations on different topics are prepared by faculty members of their respective subjects. They delivered the lectures through PPT's. Online teaching is being also continuously performing from Covd-19 pandemic period through webcam by using G-Suit, Teachment, Google meet etc. Many of the classes carried on mobile set through Google meet, when work from home was allotted.

EVIDENCES OF SUCCESS

The College has adequate IT facility including Wi-Fi for strengthening the teaching and learning process. The college is equipped with 100 computers, useful software with an antivirus protection. All the members of teaching faculty up-dated in technology based teaching during the last five year. Recently in Covid-19 pandemic period they learned about online teaching. Teachers became capable to handle the software's and create the online class through G-Suit and Google meet.

S.No	Date	Time	Name of the faculty	Subject	class	Topic covered	# students present	Signature of the staff Member
25	24/3/22	10-12pm	P.Lavanya	CS	II B.Sc	Project report/develop Front	17	
26	24/3/22	2-3pm	P.Lavanya	CS	I B.Sc	Types of functions	16	
27	25/3/22	10:30AM to 11:20	V.manigowda	AA	II B.Com	Garrett vs murray	43	V.Manigowda
28	28/3/22	10-11am	P.Lavanya	CS	II B.Sc	Revision to PL/SQL	16	
29	28/3/22	11-12pm	P.Lavanya	CS	I B.Sc	Return statement c	18	
30	29/3/22	10-11am	P.Lavanya	CS	II B.Sc	PL/SQL triggers revision	14	
31	30/3/22	10-11am	P.Lavanya	CS	I B.Sc	Call by value example	18	
32	30/3/22	11-12pm	P.Lavanya	CS	II B.Sc	ER diagrams revision	17	
33	31/3/22	10:45 to 11:10	V.manigowda	BOM	I B.Com	Project Reports	43	V.Manigowda
34	31/3/22	10:10-11	G.Bhargavi	IT	I BCom	PowerPoint Presentation	43	G.Bhargavi
35	31/3/22	11:1130	C.Madhuswini	Physics	II B.Sc	Viscosity of gases	40	C.Madhuswini
36	1/4/22		Dr. Principal	Business Statistics	III BCom	Rank correlation	47	SVM
	1/4/22		Principal	FA	I St BCom	financial Accounting	40	SVM
37	11/4/22	10-11	P.Lavanya	CS	II nd B.Sc	PL/SQL Triggers	17	
38	11/4/22	11-12	P.Lavanya	CS	I st B.Sc	Recursive functions	18	
39	16/4/22	10-11	P.Lavanya	CS	III rd B.Sc	Pointer Arithmetic NULL pointer	17	
40	16/4/22	11-12	P.Lavanya	CS	III rd B.Sc	Revision to Relation algebra	14	
41	18/4/22	10-11	Cn.Latha	English	I BA	concord	18	
42	18/4/22	10-11	P.Lavanya	CS	II nd B.Sc	Normal forms revision	17	
43	18/4/22	11-12	P.Lavanya	CS	I st B.Sc	Arrays with pointers	23	
44	19/4/22	10-11	P.Lavanya	CS	II nd B.Sc	Previous Qus revision	17	
45	19/4/22	11-12	J.vishnu	Economics	II nd B.A	Economics development	15	I
46	19/4/22	12-1	J.vishnu	Economics	I B.A	Theory of Interest	20	I
47	19/4/22	10-11	G.Bhargavi	Computer Applications	III B Com	Introduction To	40	G.Bhargavi
48	19/4/22	11-12	G.Bhargavi	"	"	Tally E-commerce	42	G.Bhargavi
49	19/4/22	12-11	G.Bhargavi	Computer Applications	I BCom	different types of	47	G.Bhargavi
50	19/4/22	12-1Pm	Dr J Babu	Computer Applications		Constructors		
50	19/4/22	12:1	Dr.J.Babu	Computer Application	I St BCom	Trial Balance	45	
51	19/4/22	2-3	Dr J Babu		III BCom	management Accounting	32	

S.No.	Date	Time	Name of the faculty	Subject	Class	Topic covered	# students Present	Signature of the staff Member
2	20/4/	11 AM	P. Venkatesh	Telugu	Ist Y	HVPE	90	
3	20/4/22	10-11	G. Bhogi	Tally	III B.Com(CA)	Company creation	37	G. Bhogi
4	20/4/22	12-1pm	G. Bhogi	E-Com	III B.Com	e-business Application	37	G. Bhogi
5	20/4/22	2-3	G. Bhogi	E-Comm	III B.Com	advantages of E commerce	34	G. Bhogi
6	20/4/22	3-4	G. Bhogi	Tally	III B.Com	Ledger creation	34	G. Bhogi
7	17/6/22	12-1PM	M. Rajasekhar	Physics	IV	Vector atom model	2	
8	18/6/22	11-12pm	P. Lavanya	OS	IInd B.Sc	OS Introduction	17	
9	21/6/22	11-12pm	P. Lavanya	DS	Ist B.Sc	Data organization	13	
10	22/6/22	2-3pm	P. Lavanya	Java	IInd B.com	Dynamic Binding	46	
11	24/6/22	2-3pm	P. Lavanya	DS	Ist B.Sc	Arrangement of Data	14	
12	27/6/22	10-11am	P. Lavanya	~~Java~~	IInd B.Sc	operations of DS	14	
13	29/6/22	10-11am	P. Lavanya	Java	IInd B.Sc	Architecture of JVM	15	
14	29/6/22	12-1	J. Venu	[illegible]	Ist B.A	Deltas & Meanders	15	
15	30/6/22	10-11am	P. Lavanya	OS	IInd B.Sc	Types of OS	14	
16	01/7/22	12-1pm	P. Lavanya	Java	IInd B.com	Naming conventions	38	
17	4/7/22	10-11am	P. Lavanya	Java	IInd B.Sc	In Java, literals	14	
18	5/7/22	2-3pm	P. Lavanya	Java	IInd B.Sc	variables in Java	42	
19	6/7/22	11-12pm	P. Lavanya	Java	IInd B.Sc	Datatypes in Java	15	
20	11/7/22	4-5pm	P. Lavanya	DS	Ist B.Sc	Big O notation	15	
21	12/7/22	11-12pm	P. Lavanya	DS	Ist B.Sc	SDLC & Refinement stages	16	
22	13/7/22	2-3pm	P. Lavanya	Java	IInd B.com	operators in Java	42	
23	14/7/22	11-12pm	P. Lavanya	DS	Ist B.Sc	Types of Arrays	15	
24	06/08/22	12-1 PM	Jogi Prasad	phy. Edu	I BA	Individual events Judo, Athletics	02	
25	17/08/22	2.30pm	Jogi Prasad	phy. Edu	II BA, I BSC	Shotput and Triple Jump	05	
26	18/8/22	11-12pm	P. Lavanya	Computers	I B.sc	Priority Queue	16	

PRINCIPAL
Govt. Degree College
KARVETINAGARAM-51758
Chittoor Dt., A.P.

ICT / SMART BOARD USAGE.

Digital Lab Register

January - 2022

Date :- 19-01-2022.
Time :- 11 a.m
Department :- English / J.K.C
Faculty :- Dr. C.N. LATHA
TOPIC :- Positive Attitude.
Class/Group :- I B.A

Signature of the Students -

1. K. Anitha
2. T. Anushka
3. G. Srilatha
4. C. Muni guru Prasad
5. N. Deepa
6. G. Bangaramma
7. V. Gopi
8. P. Gayathri
9. T. Roopa
10. p. sekhar
11. C. Ma...
12. P. [illegible]
13. P. meenakshi
14. D. Mohan ram
15. Sivamani. p
16. T. pavithra.
17. A. Sireesha
18. C. BUNNY
19. Rojababu
20. T. Bhaskar
21. S. Deepa.

C.N. Latha
19/01/22

T. [illegible]

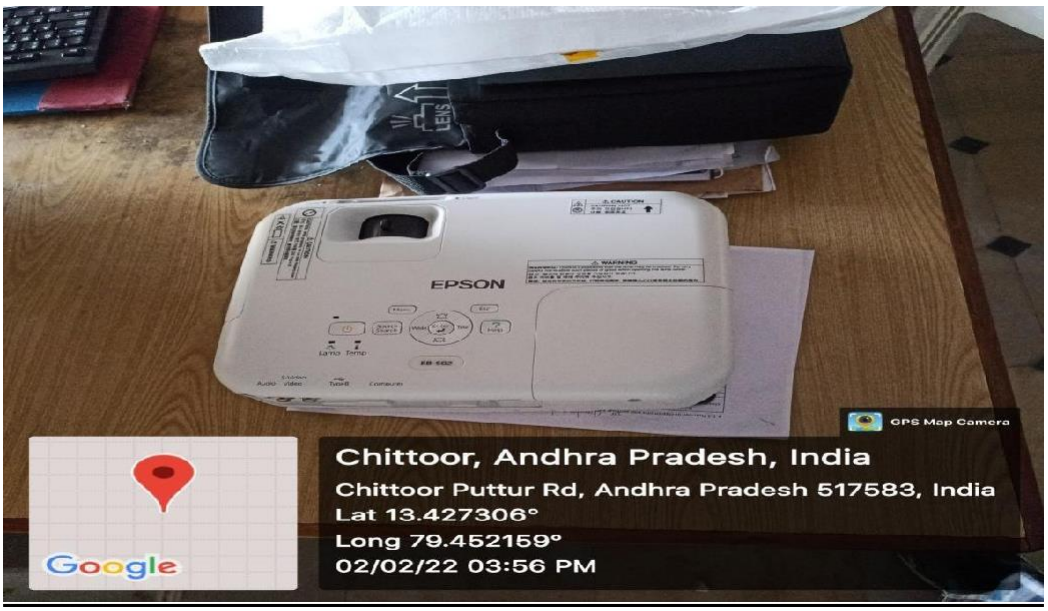
ICT / SMART BOARD USAGE REGISTER

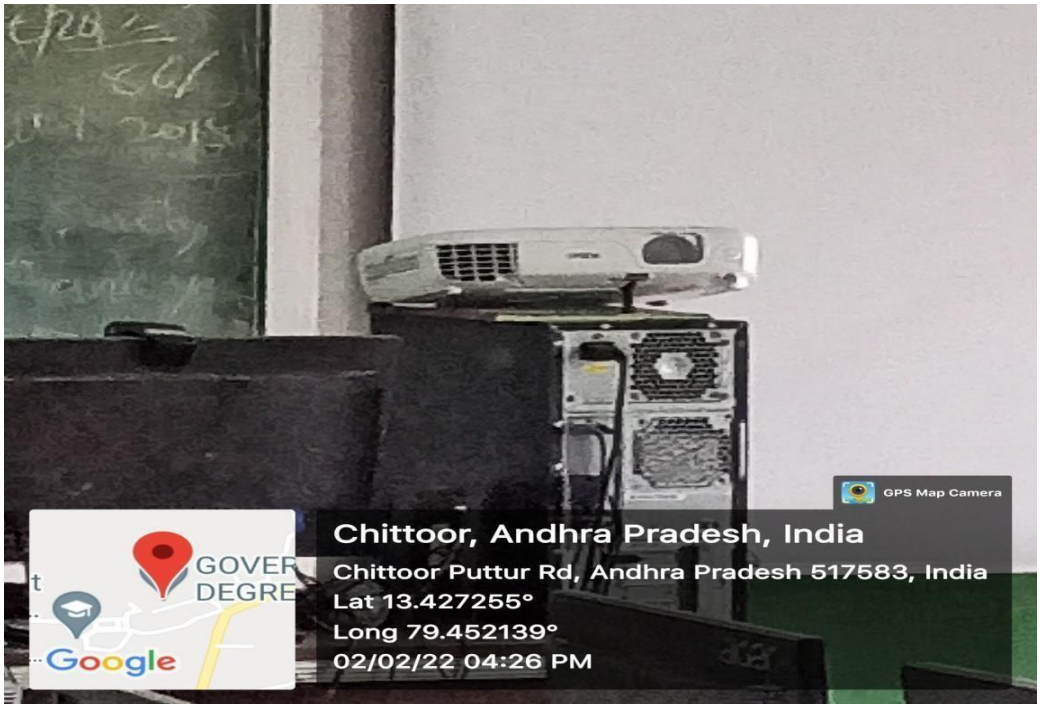
S.No	Name	Subject	Topic Covered	Designation	Date	No. of students attended	Signature
1	P. Lavanya	Computer Science (Java)	Interfaces	Lec in CS	1/9/22	14	
2							
3	P. Lavanya	Data Structures	Spanning Tree	"	2/9/22	13	
4							
5	P. Lavanya	Operating Systems	Memory Management	"	3/9/22	15	
6							
7	P. Lavanya	Data structures	Difference between Abstract Data Types		04/09/22	12	
8	M. Likhith pal	"	Big 'O' Notation.		05/09/22	09	M. Likhith
9	S. Naveen kumar	"	pointers and Arrays.		06/09/22	08	S. Naveen Kumar
10	E. Tarun	"	Atomic Linked List		07/09/22	11	E. Tarun
11	G. Payani	"	Stack as an Abstract Data Type		08/09/22	12	G. Payani
12	P. Sankar	"	priority queues		09/09/22	10	P. Sankar
13.	G. Rajkumar	"	properties of Binary Trees.		10/09/22	09	G. Rajkumar
14.	D. Saiprasad	"	Spanning Trees.		11/09/22	14	D. Saiprasad
15	K. Naresh	"	An Introduction		12/09/22	17	K. Naresh
16.	M. Yakanti kumar	"	Refinement stages		13/09/22	18	M. Yakanti kumar
17.	M. Swarna mala	Operating Systems	System programs		14/09/22	13	M. Swarna mala
18.	P. Bhavya	Data structures	Deadlock prevention		15/09/22	10	P. Bhavya
19.	S. Saranya	Java	Types of Inheritance		16/09/22	09	S. Saranya
20.	G. Ajith	Operating Systems	Segmentation.		17/09/22	07	G. Ajith
21	C. Manoj	Java	Abstract Method and Abstract class		18/09/22	06	C. Manoj
22.	M. Nagaraj	Java	throwing an Exception		19/09/22	03	M. Nagaraj
23.	K. Lakshmi Narayana	Operating Systems	Security policy Mechanism.		20/09/22	09	K. Lakshmi Narayana
24.	N. Tejh	Data structures	Binary Tree Traversal		21/09/22	12	N. Tejh
25	M. KIRANKISHORE	"	an Overview of pointers		22/09/22	14	M. KIRANKISHORE
26	M. Ganesh	Java	Multi Tasking		23/09/22	13	M. Ganesh
27.	K. Chandu	Operating Systems	producer Consumer		24/09/22	16	K. Chandu

GOVERNMENT DEGREE COLLEGE:KARVETINAGARAM

INFRASTUCTURE & PHYSICAL FACILITIESLCD

PROJECTORS





SMART BOARDS

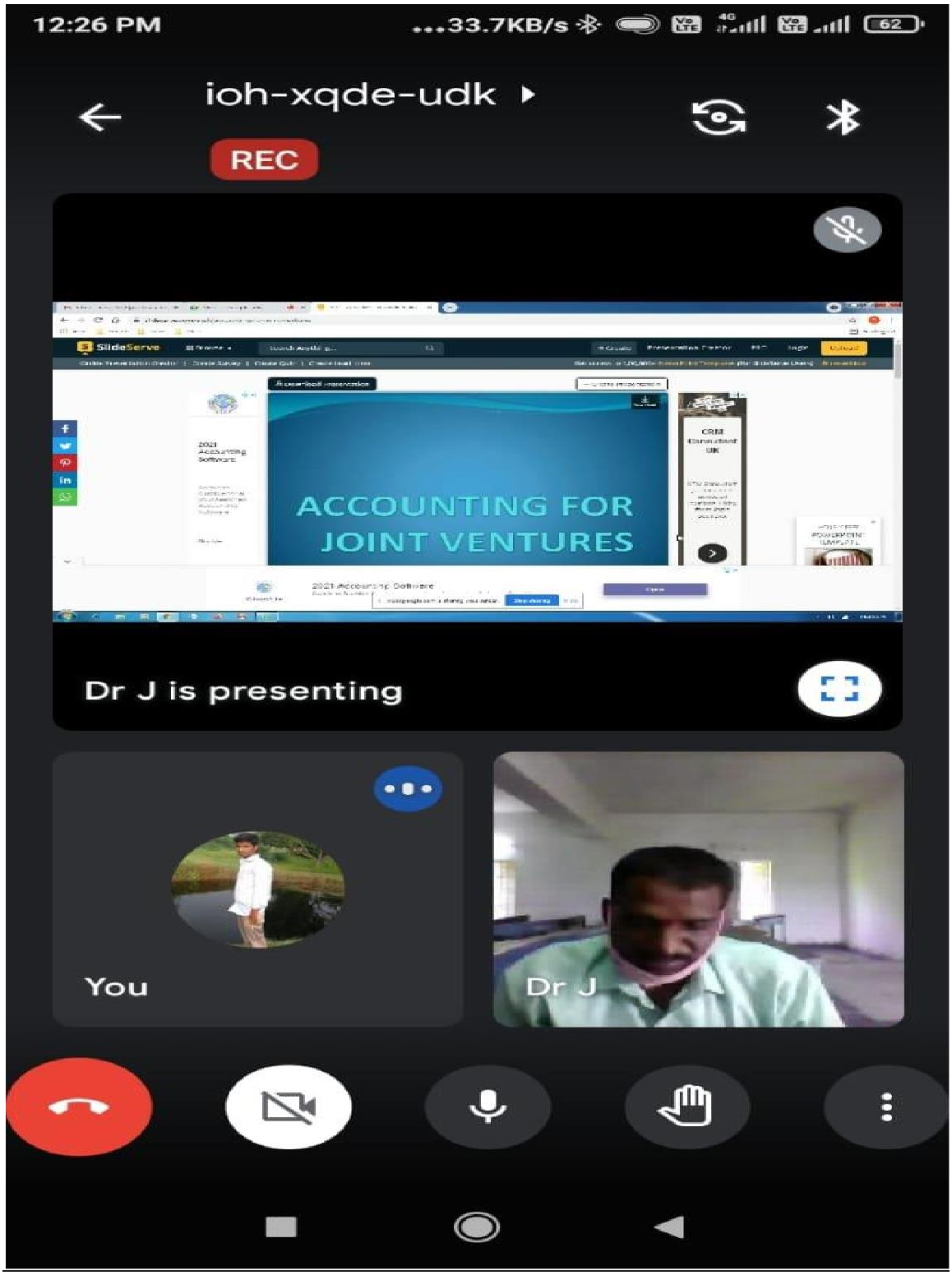

BREAKING NEWS
Degree College, Karvetinagaram | Awareness program on National Pollution Control Day
GPS Map Camera
Chittoor, Andhra Pradesh, India
Chittoor Puttur Rd, Andhra Pradesh 517583, India
Lat 13.427242°
Long 79.452138°
02/02/22 04:16 PM
Google


Govt. Degree College
Karvetinagaram
KNOWLEDGE IS DIVINE
DEPARTMENT OF ENGLISH
GPS Map Camera
Chittoor, Andhra Pradesh, India
Chittoor Puttur Rd, Andhra Pradesh 517583, India
Lat 13.427258°
Long 79.452142°
02/02/22 04:26 PM
Google

COMPUTER LABS

JKC/ELL LAB

ICT TEACHING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REC
ACCOUNTING FOR JOINT VENTURES
Dr J is presenting
You
Dr J