



CSTS GOVT. KALASALA

Jangareddigudem, Eluru Dist



DEPARTMENT OF COMMERCE

Organized

CERTIFICATE COURSE

ON

INTRODUCTION TO COMPUTERS

FROM

6-4-2023 TO 13-4-2023

CONTACT:

Dr. K. UTTAM SAGAR,

HOD, DEPT.OF COMMERCE

CSTS GOVT. KALASALA, JANGAREDDIGUDEM.

Objective:

This certificate course is very useful for our college students who are studying bachelor of commerce (B.Com) all groups of I, II, III, Year students. This Course tenure is 7 days and Course started on 06/04/2023 and ends on 13/04/2023 after completion of course Students will gain knowledge on

- M.S office (M.Sword, Power Point, Excel).
- Operations on **WEB** (INTERNET).
- Creation of **e-mail** and **Drive accounts**.

NAAC: C(III)CYCLE

CHATRAPATHI SIVAJI TRI SATHA JAYANTHI (CSTS)



GOVT. KALASALA

Enter to learn- Leave to serve

Jangareddygudem, Eluru Dist

Phone: 08821-225310, Visit us at : www.cstsgk.ac.in

E-mail: jangareddygudem.manatv@gmail.com



DEPARTMENT OF COMMERCE

Circular

All the staff and students are hereby informed that the Department of Commerce is conducting a certificate program on Introduction to computers From 06/04/2023 to 13/04/2023 (7 days) at 4pm – 5pm every day in commerce lab as a part of departmental activity to impart computer knowledge among students. Those who are interested use this opportunity and register for the course

SIGNATURE OF THE STAFF

K. V. Kumar
Ch. Rana Devi
K.V. Krishna

NAAC. CHINA 5

CHATRAPATHI SIVAJI TRI SATA JAYANTHI (CSTS)
GOVT. KALASALA



Enter to learn- Leave to serve
Jangareddygudem, Eluru Dist
Phone: 08821-225310, Visit us at : www.cstsgk.ac.in
E-mail: jangareddygudem.manatv@gmail.com



DEPARTMENT OF COMMERCE
MINUTES

The Commerce Department staff meeting is held on 31/03/2023 in Commerce lab. staff members of the department is attended and the following resolutions have been taken

Agenda:

1. Certificate course on introduction to computers

Resolutions:

- It is resolute that department would conduct certificate course on Introduction to computers 6th April 2023

SIGNATURE

Chair person:	Dr. N Prasad Babu (Principal)	1. 
H O D :	Dr. K Uttam Sagar	2. 
Members:	Ch. Ramadevi	3. 
	K.V.V.Sirisha	4. 

C.S.T.S GOVT KALASALA,JANGAREDDIGUEDEM.**DEPARTMENT OF COMMERCE****SPOKEN TUTORIAL CERTIFICATE COURSE ENROLL STUDENTS LIST**

S.NO	NAME OF THE STUDENT	SURNAME	MAIL ID	GENDER
1	SWEETY KIRANMAYI	GEDDAM	bangaramchinnu43@gmail.com	FEMALE
2	SATYA DURGA PRASAD	KORUMAMIDI	sathyakorumammidi@gmail.com	MALE
3	SUPRAJA	PANUGANTI	naninani44885@gmail.com	FEMALE
4	VIJAYA LAKSHMI	PULAPAKULA	ssri61018@gmail.com	FEMALE
5	SAMPATH	SANKU	sankusampath005@gmail.com	MALE
6	GOWTHAMI	MUPPIDI	gshsuwuw@whw@gmail.com	FEMALE
7	AJAY	KOPPALA	aajay07250@gmail.com	MALE
8	DEVA SANKAR	TONAM	tonamshankar@gmail.com	MALE
9	NAGARAJU	KURASAM	knagaraju0919@gmail.com	MALE
10	NAVEEN	CHINTA	navvenchinth81@gmail.com	MALE
11	SAI KUMAR	SANKU	saikumarsanku49@gmail.com	MALE
12	DIVYA VASANTHI	JAGANI	jaganidivyavasanthi@gmail.com	FEMALE
13	BHARATHI	BODEDDI	bharathibhatrathi@gmail.com	FEMALE
14	TEJA SRI	VARSA	varsatejasri@gmail.com	FEMALE
15	RAVI TEJA	TAGARAM	tagaramraviteja996@gmail.com">tagaramraviteja996@gmail.com	MALE
16	AKHIL	KATTURI	akhilkatturi3@gmail.com	MALE
17	NAGA KRISHNA SAI	MUTYALAPALLI	krishnasai290@gmail.com	MALE
18	LATHA SRI	KANAKAVALLI	kanakavallilathasri@gmail.com	FEMALE
19	NOORJAHAN	SHAIK	nooruhannu@gmail.com	FEMALE
20	JULEKHA	SHAIK	julekha7396@gmail.com	FEMALE
21	DHIRAJ KUMAR	VEMURI	vemuridhirajkumar@gmail.com	MALE
22	NIKHIL	KATTURI	katturinikhil1@gmail.com	MALE
23	CHANDU	AKUMARTHI	chanduakumarthi5962@gmail.com	MALE
24	NARESH	BODAPATI	bodapatinaresh12@gmail.com	MALE
25	PRAVEEN KUMAR	BANDI	praveenbandi050@gmail.com	MALE
26	SRIKANTH	GUNDUGOLANU	gundugolanusrikanth@gmail.com	MALE
27	HEMA PAVAN KISHORE	SANKAVARAPU	sankavarapupavan2002@gmail.com	MALE
28	PRADEEP KUMAR	HARIPURAM	pradeepkumarjr321@gmail.com	MALE
29	VASU	MUPPIDI	vasumuppidi0@gmail.com	MALE
30	RAVI	CHINTALAPUDI	raviravi163825141@gmail.com	MALE
31	NEHEMYA	BOLLIPAM	bollipamnehemya@gmail.com	MALE
32	VIJAY RAJU	EDUPUGANTI	vijayvijue@gmail.com	MALE
33	SHIVA SANKAR VARA PRASAD	KUNJA	Kunjassprasad@gmail.com	MALE

DAYWISE REPORT

S.N o	Date	Topic Covered <i>and Materials Covered through online links</i>	Remarks
1.	6/4/2023	COMPOSE OPTION FOR E-MAIL https://ci4.googleusercontent.com/proxy/qYa6_H461C21RR-qYlwSBcl7qqS9WSiFAN0DaF9sKsbdOZ5S3C-vrr7s_W7p2qFo7qGPHn6zXYPGzf3sLpi6Csr9HA9gNV6rWRnwUrSjrNGKy8ubI-d=s0-d-e1-ft#https://ssl.gstatic.com/docs/doclist/images/icon_10_generic_list.png	
2.	7/4/2023	REVISION	
3.	8/4/2023	GET INTO NOW COMPUTERS https://ci4.googleusercontent.com/proxy/qYa6_H461C21RR-qYlwSBcl7qqS9WSiFAN0DaF9sKsbdOZ5S3C-vrr7s_W7p2qFo7qGPHn6zXYPGzf3sLpi6Csr9HA9gNV6rWRnwUrSjrNGKy8ubI-d=s0-d-e1-ft#https://ssl.gstatic.com/docs/doclist/images/icon_10_generic_list.png	
4.	9/4/2023	REVISION	
5.	10/4/2023	GOOGLE DRIVE OPTIONS https://ci4.googleusercontent.com/proxy/qYa6_H461C21RR-qYlwSBcl7qqS9WSiFAN0DaF9sKsbdOZ5S3C-vrr7s_W7p2qFo7qGPHn6zXYPGzf3sLpi6Csr9HA9gNV6rWRnwUrSjrNGKy8ubI-d=s0-d-e1-ft#https://ssl.gstatic.com/docs/doclist/images/icon_10_generic_list.png	
6.	11/4/2023	INTRODUCTION TO G-MAIL https://ci4.googleusercontent.com/proxy/qYa6_H461C21RR-qYlwSBcl7qqS9WSiFAN0DaF9sKsbdOZ5S3C-vrr7s_W7p2qFo7qGPHn6zXYPGzf3sLpi6Csr9HA9gNV6rWRnwUrSjrNGKy8ubI-d=s0-d-e1-ft#https://ssl.gstatic.com/docs/doclist/images/icon_10_generic_list.png	
7.	12/4/2023	PRINTER CONNECTION https://ci4.googleusercontent.com/proxy/qYa6_H461C21RR-qYlwSBcl7qqS9WSiFAN0DaF9sKsbdOZ5S3C-vrr7s_W7p2qFo7qGPHn6zXYPGzf3sLpi6Csr9HA9gNV6rWRnwUrSjrNGKy8ubI-d=s0-d-e1-ft#https://ssl.gstatic.com/docs/doclist/images/icon_10_generic_list.png	
8.	13/4/2023	CONDUCTED ONLINE EXAM	



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

Phone : (+91-22) 2572 2545
Fax : (+91-22) 2572 3480
Website : www.iitb.ac.in

IIT Bombay

Letter of Appreciation

Ref. No. STIITB/2023/1200

17th April 2023

To,
Dr. K. Uttamsagar
Lecturer,
Department of Commerce,
CSTS Government Kalasala, Jangareddigudem,
Andhra Pradesh, India.

This is to express thanks and appreciation to **Dr. K. Uttamsagar**, for spreading awareness and holding the “**Introduction to Computers**” Student Development Program (6th April 2023 to 13th April 2023) attended by 33 students, organized by **CSTS Government Kalasala, Jangareddigudem** in collaboration with **Spoken Tutorial, IIT BOMBAY**.

You are making an outstanding contribution to using ICT-based teaching and learning methodology for your faculty members and students. Your contributions to the implementation of the Spoken Tutorial Project are significant and have played a part in it becoming the fastest-growing NMEICT Project. Your excellent skills and courteous personality have helped tremendously in spreading awareness of Spoken Tutorial IIT Bombay.

I would like to personally thank you for contributing to the software training and awareness events in your Institute. I am sure that we will continue to get your continued support for making India IT literate and spreading project existence in the state of Andhra Pradesh.

For and On behalf of
Spoken Tutorials,
Indian Institute of Technology, Bombay

Akanksha Saini



Mrs. Akanksha Saini
National Coordinator
Spoken Tutorial Project, IIT Bombay

C.S.T.S GOVT KALASALA, JANGAREDDIGUDEM.
DEPARTMENT OF COMMERCE
SPOKEN TUTORIAL CERTIFICATE COURSE COMPLETED STUDENTS LIST

S.NO	NAME OF THE STUDENT	SURNAME	SIGNATURE OF THE STUDENT
1	SWEETY KIRANMAYI	GEDDAM	G. Sweety Kiranmayi
2	SATYA DURGA PRASAD	KORUMAMIDI	K. Satyadurga Prasad
3	SUPRAJA	PANUGANTI	P. Supraja
4	VIJAYA LAKSHMI	PULAPAKULA	P. Vijaya Lakshmi
5	SAMPATH	SANKU	S. Sampath
6	GOWTHAMI	MUPPIDI	M. Gowthami
7	AJAY	KOPPALA	K. Ajay
8	DEVA SANKAR	TONAM	T. Deva Sankar
9	NAGARAJU	KURASAM	K. Nagaraju
10	NAVEEN	CHINTA	C.H. Naveen
11	SAI KUMAR	SANKU	S. Sai Kumar
12	DIVYA VASANTHI	JAGANI	J. Divya Vasanthi
13	BHARATHI	BODEDDI	B. Bharathi
14	TEJA SRI	VARSA	V. Teja Sri
15	RAVI TEJA	TAGARAM	T. Ravi Teja
16	AKHIL	KATTURI	K. Akhil
17	NAGA KRISHNA SAI	MUTYALAPALLI	M. Naga Krishna Sai
18	LATHA SRI	KANAKAVALLI	K. Latha Sri
19	NOORJAHAN	SHAIK	Sk. Noorjahan
20	JULEKHA	SHAIK	Sk. Julekha
21	DHIRAJ KUMAR	VEMURI	V. Dhiraj Kumar
22	NIKHIL	KATTURI	K. Nikhil
23	CHANDU	AKUMARTHI	A. Chandu
24	NARESH	BODAPATI	B. Nareesh
25	PRAVEEN KUMAR	BANDI	B. Praveen Kumar
26	SRIKANTH	GUNDUGOLANU	G. Srikanth
27	HEMA PAVAN KISHORE	SANKAVARAPU	S.H.P. Kishore
28	PRADEEP KUMAR	HARIPURAM	H. Pradeep Kumar
29	VASU	MUPPIDI	M. Vasu
30	RAVI	CHINTALAPUDI	C. Ravi
31	NEHEMYA	BOLLIPAM	B. Nehemya
32	VIJAY RAJU	EDUPUGANTI	E. Vijay Raju

Class :

Section :

ATTENDANCE

Roll No.	Admn. No.	Name of the Student	Caste	Aadhar No.	4	5	6	7	8	9	10	11	12
					1	2	3	4	5	6	7	8	
1		G. Suresh Kiranmayi			P	P	P	P	P	P	P	P	
2		K. Satya Naga Prasad			P	P	P	P	P	P	P	P	
3		P. Supraja			P	P	P	P	P	P	P	P	
4		P. Vijaya Lakshmi			P	P	P	P	P	P	P	P	
5		S. Sampath			P	P	P	P	P	P	P	P	
6		M. Gowdhami			P	P	P	P	P	P	P	P	
7		K. Ajay			P	P	P	P	P	P	P	P	
8		T. Deva Sankar			P	P	P	P	P	P	P	P	
9		K. Shiva Sankar Venu Prasad			P	P	A	A	P	A	P		
10		K. Nageswari			P	P	P	P	P	P	P	P	
11		Ch. Naveen			P	P	P	P	P	P	P	P	
12		S. Sai Kumar			P	P	P	P	P	P	P	P	
13		T. Divya Vasanthi			P	P	P	P	P	P	P	P	
14		B. Bharathi			P	P	P	P	P	P	P	P	
15		V. Teja Sri			P	P	P	P	P	P	P	P	
16		T. Ravi Teja			P	P	P	P	P	P	P	P	
17		K. Akhil			P	P	P	P	P	P	P	P	
18		M. Naga Krishna Sai			P	P	P	P	P	P	P	P	
19		K. Lalitha Sri			P	P	P	P	P	P	P	P	
20		Sk. Noorjahan			P	P	P	P	P	P	P	P	
21		Sk. Julekha			P	P	P	P	P	P	P	P	
22		V. Dheeraj Kumar			P	P	P	P	P	P	P	P	
23		K. Nikhil			P	P	P	P	P	P	P	P	
24		A. Chandhu			P	P	P	P	P	P	P	P	
25		B. Nareesh			P	P	P	P	P	P	P	P	
26		B. Praveen Kumar			P	P	P	P	P	P	P	P	
27		G. Srikanth			P	P	P	P	P	P	P	P	
28		S. Hema Prava Kishore			P	P	P	P	P	P	P	P	
29		H. Pradeep Kumar			P	P	P	P	P	P	P	P	
30		M. Vasu			P	P	P	P	P	P	P	P	
31		Ch. Ravi			P	P	P	P	P	P	P	P	
32		B. Nehamya			P	P	P	P	P	P	P	P	
33		E. Vijaya Raju.			P	P	P	P	P	P	P	P	



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **AJAY KOPPALA** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 80.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **AKHIL KATTURI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 75.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **BHARATHI BODEDDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 55.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **CHANDU AKUMARTHI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 75.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



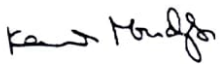
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **DIVYA VASANTHI JAGANI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 80.00%


Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

B4842IXOGX



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **GOWTHAMI MUPPIDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 60.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **HEMA PAVAN KISHORE SANKAVARAPU** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

B4857B28XC



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **JULEKHA SHAIK** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 85.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



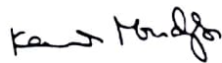
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **LATHA SRI KANAKAVALLI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%


Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

448485BE3R



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NAGA KRISHNA SAI MUTYALAPALLI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 70.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya', written in a cursive style.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NAGARAJU KURASAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 55.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34840GT3CO



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NARESH BODAPATI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NAVEEN CHINTA** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NEHEMYA BOLLIPAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NIKHIL KATTURI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 75.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

84852RBVVO



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **NOORJAHAN SHAIK** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 40.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **PRADEEP KUMAR HARIPURAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 60.00%

A handwritten signature in black ink, appearing to read 'Kannan M Moudgal'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

84858MVF45



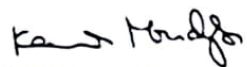
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **PRAVEEN KUMAR BANDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 70.00%


Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



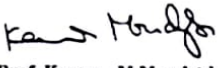
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **RAVI CHINTALAPUDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 40.00%


Prof. Kannan M Moudgal
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34860WN024



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **RAVI TEJA TAGARAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 85.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



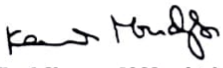
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SAI KUMAR SANKU** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 70.00%


Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

B4841782Y7



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SAMPATH SANKU** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 85.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalyn'.

Prof. Kannan M Moudgalyn
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SATYA DURGA PRASAD KORUMAMIDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

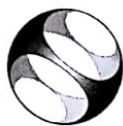
Credits: 1 Score: 80.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

64863K0KHC



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SRIKANTH GUNDUGOLANU** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 40.00%

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SUPRAJA PANUGANTI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 75.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

84834AZLXG



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **SWEETY KIRANMAYI GEDDAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 80.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34833CYSZP



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **TEJA SRI VARSA** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 50.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34844GMDP0



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **VASU MUPPIDI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%

A handwritten signature in black ink, appearing to read 'Kannan M Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



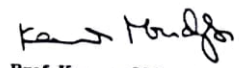
Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **VIJAYA LAKSHMI PULAPAKULA** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 65.00%


Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34835M5U06



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **VIJAY RAJU EDUPUGANTI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 75.00%

A handwritten signature in black ink, appearing to read 'Kannan M Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **DHIRAJ KUMAR VEMURI** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 85.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Training

This is to certify that **DEVA SANKAR TONAM** successfully passed a **Introduction to Computers** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system.

Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 60.00%

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

34884UQCQK

ఆదివారం, ఏప్రిల్ 16, 2023

సిఎస్టిఎస్ ప్రభుత్వ డిగ్రీ కళాశాలలో పూర్తి చేసిన కామర్స్ సర్టిఫికేట్ కోర్స్



జంగరెడ్డి గూడెం , ఏప్రిల్ 15, పల్లెజ్యోతి ప్రతినిధి

స్థానిక చత్రపతి శివాజీ త్రి శత జయంతి ప్రభుత్వ డిగ్రీ కళాశాల నందు కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎన్ ప్రసాద్ బాబు అధ్యక్షతన కామర్స్ డిపార్ట్మెంట్ వారిచే నిర్వహించిన ఆన్లైన్ సర్టిఫికేట్ కోర్సు పూర్తి కావడం జరిగింది. స్పీకెన్ ట్యూటోరియల్ సంస్థ ఆధ్వర్యంలో ఐఐటీ బొంబే వారిచే నిర్వహించిన ఇంట్రడక్షన్ టు కంప్యూటర్ అనే సర్టిఫికేట్ కోర్సులో బీకాం మొదటి ద్వితీయ తృతీయ సంవత్సరం విద్యార్థులు 32 మంది పాల్గొని ఐఐటీ బొంబే వారిచే నిర్వహించిన ట్రైనింగ్ ను పూర్తిచేసుకుని ఆన్లైన్ టెస్ట్ రాసి సర్టిఫికేట్లు పొందడం జరిగింది. దీనిలో భాగంగా కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎన్ ప్రసాద్ బాబు గారు మాట్లాడుతూ ఆన్లైన్ సర్టిఫికేట్ కోర్సు ద్వారా విద్యార్థులు కంప్యూటర్ బేసిక్స్ పై మంచి మార్కులతో సర్టిఫికేట్లు పొందడం చాలా ఆనందకరం అన్నారు. కామర్స్ డిపార్ట్మెంట్ ఇన్చార్జ్ డాక్టర్. కె. ఉత్తమ్ సాగర్ మాట్లాడుతూ స్పీకెన్ ట్యూటోరియల్ సంస్థ భారతదేశపు ప్రభుత్వం ఆమోదించిన ఒక ఉన్నతమైన సంస్థ, వారిచే నిర్వహించిన సర్టిఫికేట్ కోర్సు మొదటిగా కామర్స్ డిపార్ట్మెంట్ కండక్ట్ చేయడం దానిలో విద్యార్థులకు మంచి మార్కులతో సర్టిఫికేట్లను సొంతం చేసుకోవడం చాలా ఆనందంగా ఉందని అన్నారు. ఈ కార్యక్రమంలో విద్యార్థులు మాట్లాడుతూ నేటి సమాజంలో విద్యా మరియు ఉద్యోగ రంగాల్లో కంప్యూటర్ కి ఎంతో ప్రాధాన్యత ఉందని ఇలాంటి కంప్యూటర్ కోర్సులు చేయడం వల్ల భవిష్యత్తులో చోటి పరీక్షల్లో ఎంతో ఉపయోగకరంగా ఉంటుందని తమ భావాన్ని వ్యక్తం చేశారు. ఈ సర్టిఫికేట్ కోర్స్ కామర్స్ డిపార్ట్మెంట్ డాక్టర్ కె ఉత్తమ్ సాగర్, సిహెచ్. రమాదేవి.

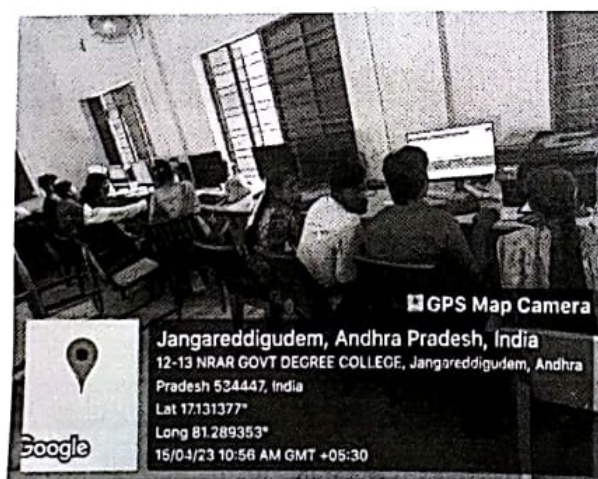
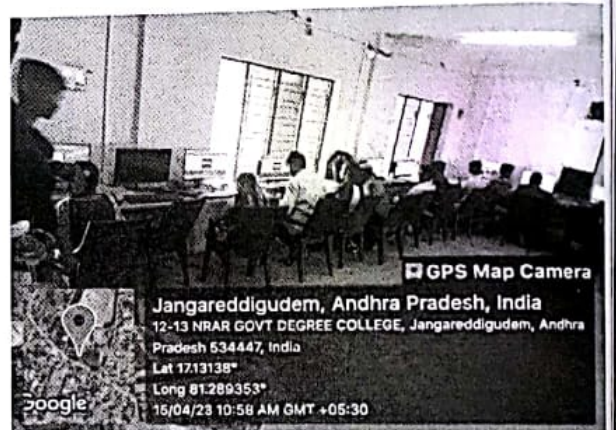
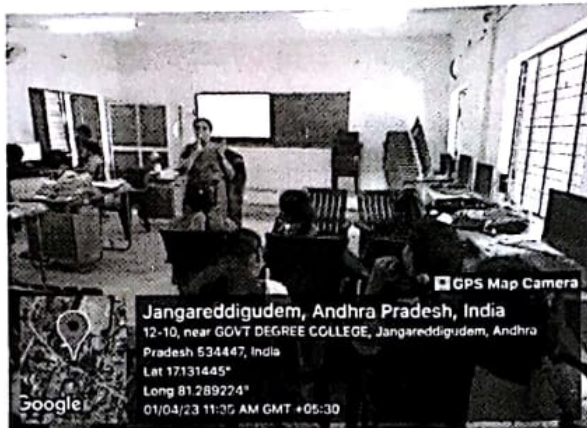


సి ఎస్ టి ఎస్ ప్రభుత్వ డిగ్రీ కళాశాలలో ఘన విజయంగా పూర్తి చేసిన కామర్స్ సర్టిఫికేట్ కోర్స్

జంగారెడ్డిగూడెం, (తెలుగు వార్త న్యూస్): స్థానిక చిత్రపతి శివాజీ త్రి శత జయంతి ప్రభుత్వ డిగ్రీ కళాశాల నందు కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎస్ ప్రసాద్ బాబు గారి అధ్యక్షతన కామర్స్ డిపార్ట్మెంట్ వారిచే నిర్విఘ్నంగా ఆన్లైన్ సర్టిఫికేట్ కోర్సు పూర్తి కావడం జరిగింది. స్కోకెస్ ట్యూటోరియల్ సంస్థ ఆధ్వర్యంలో ఐఐటి బొంబే వారిచే నిర్వహించిన ఇంట్రడక్షన్ టు కంప్యూటర్ అనే సర్టిఫికేట్ కోర్సులో బీకాం మొదటి ద్వితీయ తృతీయ సంవత్సరం విద్యార్థులు 32 మంది పాల్గొని ఐఐటి బొంబే వారిచే నిర్వహించిన ట్రైనింగ్ ను పూర్తిచేసుకుని ఆన్లైన్ టెస్ట్ రాసి సర్టిఫికేట్లు పొందడం జరిగింది. దీనిలో భాగంగా కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎస్ ప్రసాద్ బాబు గారు మాట్లాడుతూ ఆన్లైన్ సర్టిఫికేట్ కోర్సు ద్వారా విద్యార్థులు కంప్యూటర్ బేసిక్స్ పై మంచి మార్కులతో సర్టిఫికేట్లు పొందడం చాలా ఆనందకరం అన్నారు. కామర్స్ డిపార్ట్మెంట్ ఇన్చార్జ్ డాక్టర్. కె. ఉత్తమ్ సాగర్ మాట్లాడుతూ స్కోకెస్ ట్యూటోరియల్ సంస్థ భారతదేశపు ప్రభుత్వం ఆమోదించిన ఒక ఉన్నతమైన సంస్థ.వారిచే నిర్వహించిన సర్టిఫికేట్ కోర్సు మొదటిగా కామర్స్



డిపార్ట్మెంట్ కండక్ట్ చేయడం దానిలో విద్యార్థులకు మంచి మార్కులతో సర్టిఫికేట్లను సొంతం చేసుకోవడం చాలా ఆనందంగా ఉందని అన్నారు. ఈ కార్యక్రమంలో విద్యార్థులు మాట్లాడుతూ నేటి సమాజంలో విద్యా మరియు ఉద్యోగ రంగాల్లో కంప్యూటర్ కి ఎంతో ప్రాధాన్యత ఉందని ఇలాంటి కంప్యూటర్ కోర్సులు చేయడం వల్ల భవిష్యత్తులో పోటీ వర్క్లో ఎంతో ఉపయోగకరంగా ఉంటుందని తమ భావాన్ని వ్యక్తం చేశారు. ఈ సర్టిఫికేట్ కోర్స్ కామర్స్ డిపార్ట్మెంట్ డాక్టర్ కె ఉత్తమ్ సాగర్, సిహెచ్. రమాదేవి, కేవిఎ శిరీష నిర్వహించడం జరిగింది.



**CHATRAPATHI SIVAJI TRI SATAJAYANTHI
(CSTS)
GOVERNMENT KALASALA, JANGAREDDIGUDEM,
ELURU DIST., A.P.**



DEPARTMENT OF MATHEMATICS

**A VIRTUAL EXPLORATION OF
NUMERICAL ANALYSIS**

on 10-11-2023

05.11.2023

Jangareddigudem.

From

Dr.CH.Badari Narayana

Department of Mathematics

CSTS Govt. Kalasala, Jangareddigudem.

To

The Principal

CSTS Govt. Kalasala, Jangareddigudem.

*** **

Sir,

Sub: Permission to arrange a Guest Lecture on Numerical Analysis – req-reg.

The Department of Mathematics plans to organize a Guest Lecture on Numerical Analysis on November 10, 2023. We kindly request your permission to proceed with organizing this event.

Thanking you.

Yours faithfully,

CH. Badari Narayana

Permitted

CH. Badari Narayana

Principal

CSTS Govt. Kalasala
Jangareddigudem-534447
Eluru Dist.,A.P

CHATRAPATHI SIVAJI TRI SATHA JAYANTHI (CSTS)
GOVT. KALASALA,

Enter to learn -Learn to Serve

Jangareddigudem, Eluru Dist.

Phone: 08821-225310, Visit us at: www.cstsgk.ac.in

E-mail: jangareddigudem.manatv@gmail.com



Ref No: 2023-24/MATHEMATICS/GL/02

Dated: 07-11-2023

From
The Principal
CSTS Government Kalasala
Jangareddigudem
Eluru Dt.

To
The Principal
PGC for women(A), College,
Hanamakonda,
Telangana.

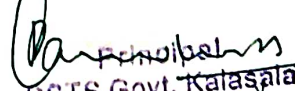
Sir/Madam,

Sub:- Dr. B. Madhavi Assistant Professor, BOS Chairperson, Department of Mathematics, Pingle Government College for women(A), Hanamakonda, Telangana-Request for Guest Lecture on Differential equations-Regarding.

As a part of NAAC activities, we are conducting various curricular and co-curricular activities in our college. In this regard we cordially invite Dr. B. Madhavi, Assistant Professor, BOS Chairperson, Department of Mathematics, Pingle Government College for Women(A), Hanumakonda, Telangana to deliver a Guest Lecture on "Numerical Analysis" on 10/11/2023 at 12.00 noon in online mode.

Thanking you.

Yours faithfully


Principal
CSTS Govt. Kalasala
Jangareddigudem-534447
Eluru Dist., A.P

To

The Principal

CSTS Government Kalasala,

Jangareddigudem,

Eluru Dist

Respected sir,

I, Dr. B Madhavi, Assistant Professor of Mathematics at Pingle Government College for Women (Autonomous), Hanamkonda, sincerely acknowledge and accept the invitation for the extension lecture in online mode at CSTS Government Kalasala, Jangareddigudem, Eluru Dt., on November 10, 2023.

Thank you, sir.

Yours faithfully,

 9/11/23

(Dr. B Madhavi)

Asst.Prof.Of.Mathematics

PGCW(A),HNK


NOTICE

It is proposed to conduct departmental staff meeting on 06-11-2023 at 4PM in the Department of Mathematics.

Agenda of the meeting: Departmental Registers, Remedial Classes, Bridge Course and Online Virtual mode Guest Lecture etc.

1. Dr. CH. Badari Narayana, Lecturer in Mathematics, 

2. Dr. M. Madhu, Lecturer in Chemistry, 

3. Dr. K. Uttam Sagar, Lecturer in Commerce. 

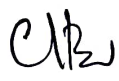
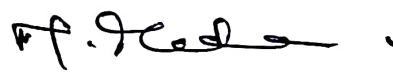


Principal
CSTS Govt. Kalasala
Jangareddygudem-534447
Eluru Dist., A.P.


MEETING

Departmental meeting was held on 04-10-2023 at 4PM in the Department of Mathematics under the chairmanship of Dr. N. Prasad Babu, Principal of this college. And the following issues has been resolved.

- It has been decided to maintain Departmental Registers in proper manner.
- It is also decided that to conduct Remedial courses to the II Year and III year Students.
- It is also decided to conduct an Online Virtual mode Guest Lecture to enrich the knowledge of students.

The following members are present and signed.

1. Dr. CH. Badari Narayana, Lecturer in Mathematics, 
2. Dr. M. Madhu, Lecturer in Chemistry, 
3. Dr. K. Uttam Sagar, Lecturer in Commerce. 


Principal
CSTS Govt. Kalasala
Jangareddigudem-534447
Eluru Dist., A.P

NOTICE

Dt: 07.10.2023

In accordance with the new innovations and recent trends in academic excellence, the Department of Mathematics is delighted to announce an upcoming online virtual guest lecture. The lecture will focus on the topic of "Numerical Analysis" This event is scheduled to take place on 10th November 2023 at the Virtual Classroom, commencing from 12:00 PM and concluding at 01:30 PM. We are pleased to inform you that this lecture is being organized in collaboration with other science departments.

We extend a cordial invitation to all Science students to participate in this enlightening program. Your active participation will undoubtedly contribute to making it a grand success.



PRINCIPAL
Principal
CSTS Govt. Kalasala
Jangareddigudem-534447
Eluru Dist., A.P.

I B.SC(COMPUTER SCIENCE) — 

II B.SC(MPC) — 

III B.SC(MPC) — 

II B.SC(MPCS) — 


III B.SC(MPCS) — 

The objectives for this event can be as follows:


- 1. Commemoration of Chhatrapati Shivaji Tri Sata Jayanti:** The passage aims to highlight the significance of the day and the context in which the guest lecture took place.
- 2. Thorough Explanation of Numerical Analysis:** Convey the essence of the guest lecture, emphasizing the comprehensive exploration of the subject of numerical analysis.
- 3. Emphasis on the Importance of Numerical Analysis:** Dr. Ch. Badari Narayana's statement underscores the significance of numerical analysis for science students, emphasizing its pivotal role in academic pursuits.
- 4. Virtual Mode Delivery:** Highlight the unique aspect of the lecture being conducted in an internet virtual mode, showcasing adaptability to modern educational approaches.
- 5. Principal's Perspective: Include the principal's viewpoint on the importance of such lectures for student understanding and academic enrichment.**
- 6. Expectation of Increased Awareness: Convey the anticipation that the implementation of new educational methods, such as virtual lectures, will lead to heightened awareness among students.**
- 7. Acknowledgment of Participants:** Recognize the active involvement of Vice Principal B. Srinivasa Rao, teaching and non-teaching staff, and students, emphasizing their contribution to the success of the program.
- 8. Elevating the Event:** Convey the collective effort of participants in elevating the event, making it not only informative but also successful in achieving its objectives.

A Virtual Exploration of Numerical Analysis

On the day 11-10-2023 marked the commemoration of Chhatrapati Shivaji Tri Sata Jayanti at Government Degree College, Jangareddigudem, where a distinguished guest lecture unfolded under the guidance of Dr. N. Prasad Babu, the erudite Principal entrenched in the Department of Mathematics. The esteemed Dr. B. Madhavi, adorned with the title of Chairperson of the Board of Studies at PGC Women's Autonomous, Hanamkonda, graced the occasion with her insightful discourse.



PINGLE GOVT COLLEGE (UG & PG) FOR WOMEN
(Accredited by NAAC with A Grade & ISO 9001-2015 CERTIFIED COLLEGE)
(Permanently affiliated to Kakatiya University)




EXTENSION LECTURE ON NUMERICAL ANALYSIS

Dt: 10th November, 2023

COLLABORATION WITH
DEPARTMENT OF MATHEMATICS
PGCW(A), HANAMKONDA

Organizers
Dr CH BADARI NARAYANA
LECTURER IN MATHEMATICS
CSTS GOVERNMENT KALASALA
JANGA REDDI GUDDEM
ELURU (DT)



Resource person
Dr. B. MADHAVI
BOS Chairperson
Dept. Of Mathematics
PGCW(A), HNK

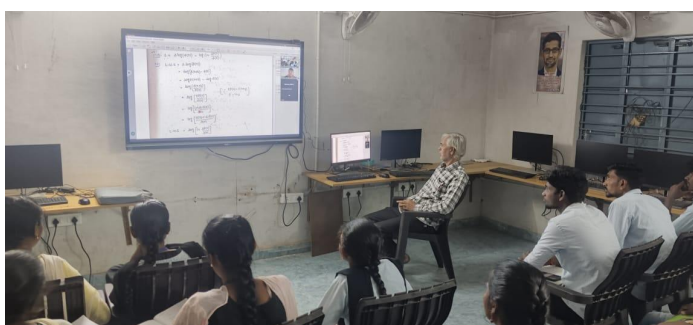
In the course of this enlightening lecture, the intricacies of numerical analysis were meticulously unraveled, providing the audience with a profound understanding of this pivotal subject. Dr. CH. Badari Narayana, the sagacious Head of the Mathematics Department, underscored the paramount significance of numerical analysis in the academic journey of science students. His elation was palpable as he expounded on this essential topic within the realm of the internet's virtual embrace.

The college principal expressed the belief that such intellectually stimulating lectures on pivotal topics significantly contribute to students' comprehension and academic growth.

The prevailing sentiment is that this innovative educational approach will foster heightened awareness among the student body.



Adding to the tapestry of success, Vice Principal B. Srinivasa Rao, alongside a dynamic ensemble of dedicated teaching and non-teaching staff, as well as enthusiastic students, actively participated in the program. Their collective engagement not only elevated the event but also played a pivotal role in ensuring its resounding success.





CSTS GOVT. KALASALA, JANGAREDDIGUDEM

DEPARTMENT OF MATHEMATICS



ICT/PPT REGISTER FOR 2023-24

RESOURCE MADAM : DR. B. MADHAVI
NAME OF THE TOPIC: Interpolation - Numerical Analysis

DATE: 10.11.2023

VENUE: SEMINAR HALL - COMPUTER LAB

NUMBER OF STUDENTS ATTENDED:

19

S.NO	NAME OF THE STUDENT	REGISTER NUMBER	SIGNATURE OF THE STUDENT	REMARKS
41	M. Mithlesh	213367102023	M. Mithlesh	
42	T. BOBBY	213367101014	T. Bobby	
43	Ch. Dikshu	213367101006	Ch. Dikshu	
44	Ch. Suvi	213367101005	Ch. Suvi	
45	P. Narendran	213367102026	P. Narendran	
46	P. Sai	213367102027	P. Sai	
47	B. Ravi Teja	213367101004	B. Ravi Teja	
48	B. Prasanna Kumar	213367101002	B. Prasanna Kumar	
49	V. Kumar Varma Teja	193367101097	V. Kumar Varma Teja	
50	B. Prayank	213367102019	B. Prayank	
51	A. Nayan	213367101001	A. Nayan	
52	M. Ramya	213367102025	M. Ramya	
53	T. KAVRUT	213367102032	T. KAVRUT	
54	S. Mahalakshmi	213367101011	S. Mahalakshmi	
55	K. Anurag	213367102021	K. Anurag	
56	K. Jaya Madhuri	213367102022	K. Jaya Madhuri	
57	K. Uday Kumar	213367101008	K. Uday Kumar	
58	S. Durga	213367101013	S. Durga	
59	M. Anjali	213367101010	M. Anjali	
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				

J. Rajasekhar

SIGNATURE OF ICT INCHARGE

Principal

CSTS Govt. Kalasala
Jangareddigudem-534447
Eluru Dist., A.P

Ch. B. Madhavi

Incharge of the Dept.
SIGNATURE OF RESOURCE PERSON

Paper Clip:

స్థానిక ప్రభుత్వ డిగ్రీ కళాశాల నందు నేడు గణిత శాస్త్ర విభాగంలో అతిథి ఉపన్యాసం



తెలుగువార్తన్యూస్:జంగారెడ్డిగూడెం.

నేడు స్థానిక చత్రపతి శివాజీ త్రి శతజయంతి ప్రభుత్వ డిగ్రీ కళాశాల నందు కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎన్. ప్రసాద్ బాబు అధ్యక్షతన గణిత శాస్త్ర విభాగంలో డా.బి. మాధవి బోర్డ్ ఆఫ్ స్టడీస్ చైర్ పర్సన్ పి.జి.సి.ఉమెష్ అటానమస్ కాలేజ్ హనుమకొండ చే అతిథి ఉపన్యాసం ఇప్పించడం జరిగింది. ఈ ఉపన్యాసంలో న్యూమరికల్ అనాలసిస్ అనే అంశాన్ని గురించి క్షుణ్ణంగా విద్యార్థులకు వివరించినారు. ఈ కార్యక్రమాన్ని ఉద్దేశించి గణిత శాస్త్ర విభాగ అధిపతి డాక్టర్ సి.హెచ్. బదరి నారాయణ మాట్లాడుతూ సైన్స్ విద్యార్థులకు న్యూమరికల్ అనాలసిస్ చాలా ముఖ్యమైన అంశం అని ఈ అంశాన్ని గురించి విద్యార్థులకు అతిథి ఉపన్యాసం ఇప్పించాలన్న ఉద్దేశంతో అంతర్జాల విధానంలో లెక్చర్ ఇప్పించడం చాలా ఆనందంగా ఉందన్నారు. కళాశాల ప్రిన్సిపల్ డా. ఎన్.ప్రసాద్ బాబు మాట్లాడుతూముఖ్యమైన అంశాల మీద ఇటువంటి అతిథి ఉపన్యాసాలు ఇప్పించడం వల్ల విద్యార్థులకు వాటిపై అవగాహన పట్టు సాధింపు ఉంటుంది అన్నారు. అంతేకాకుండా అనేకమంది అధ్యాపకులు చెప్పే కొత్త విధానాలపై విద్యార్థులకు అవగాహన కలుగుతుందన్నారు. ఈ కార్యక్రమంలో కళాశాల వైస్ ప్రిన్సిపల్ బి. శ్రీనివాసరావు ఇతర అధ్యాపక అధ్యాపకేతర సిబ్బంది విద్యార్థులు పాల్గొన్నారు.

**CHATRAPATHI SIVAJI TRI SATHAJAYANTHI
(CSTS)**

**GOVERNMENT KALASALA, JANGAREDDIGUDEM,
ELURU DIST., A.P.**



**DEPARTMENT OF MATHEMATICS
NATIONAL SCIENCE DAY ONLINE QUIZ:
SHOWCASING KNOWLEDGE AND
EXCELLENCE**

FEBRUARY 25th 2023

OBJECTIVES:

1. **Foster academic engagement:** Conduct an interactive online quiz to actively engage college students from all science departments of CSTS govt. Kalasala, promoting their active participation in national science day.
2. **Utilize renowned app kahoot:** Employ the widely acclaimed app kahoot to facilitate the seamless execution of the online quiz, ensuring an intuitive and user-friendly experience for the participants.
3. **Well-organized schedule:** Plan and schedule the online quiz on 25.11.2021 at 3 pm in the well-equipped computer class room, providing a conducive environment for students to participate and excel.
4. **Promote collaborative learning:** Formulate a team-based competition by creating eight teams, each comprising six students, fostering teamwork, collaboration, and healthy academic competition among the participants.
5. **Esteemed quiz masters:** Engage distinguished individuals of college science faculty as quiz masters, ensuring the presence of experienced and knowledgeable facilitators.
6. **Focus on recent developments:** Design quiz questions that specifically cover recent developments in the field of science, stimulating the participants' interest, and providing them an opportunity to showcase their knowledge and awareness of the latest scientific advancements.
7. **Acknowledge excellence:** Recognize and honor the achievements of the top-performing teams by awarding first, second, and third places, motivating participants to strive for academic excellence and fostering a sense of accomplishment among the participants.

NOTICE

It is proposed to conduct departmental staff meeting on 09-02-2023 at 4PM in the Department of Mathematics.

Agenda of the meeting: Mid Exams and National Science Day, and Student's Parents meeting etc.

1. Dr. CH. Badari Narayana, Lecturer in Mathematics, *CHB*
2. Dr. K. S. Rajesh, Lecturer in Computer Science, *- K.S. Rajesh*
3. Sri. G. V. Gangadhara Rao, Lecturer in Physics. *- G. Rao*

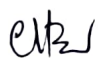


[Signature]
Principal

MEETING

Departmental meeting was held on 09-02-2023 at 4PM in the Department of Mathematics under the chairmanship of Dr. N. Prasad Babu, Principal of this college. And the following issues has been resolved.

- It is decided that to conduct Mid Sem Exams for I, II & III B.Sc(MPC/CS) students.
- It is also decided that to conduct Student's Parents meeting in III week of this month and also decided to take Parent's feedback.
- It is also decided that to organize and celebrate National Science day on 28-02-2022.

The following members are present and signed.

1. Dr. CH. Badari Narayana, Lecturer in Mathematics, 
2. Dr. K. S. Rajesh, Lecturer in Computer Science, 
3. Sri. G. V. Gangadhara Rao, Lecturer in Physics. — 


Principal

NOTICE

Dt: 24.02.2023

On the eve of National Science Day, the Department of Mathematics is going to conduct a program "ONLINE SCIENCE QUIZ" on 25.02.2023 in collaboration with other science departments. Hence, all the students must attempt the quiz and make it a grand success.


PRINCIPAL

I B.SC(MPC) - G. Rao

II B.SC(MPC) - G. Rao

III B.SC(MPC) - G. Rao

I B.SC(MPCS) C. K.

II B.SC(MPCS) C. K.

III B.SC(MPCS) C. K.

I B.SC(BZC) - P. A.

II B.SC(BZC) - V. S.

III B.SC(BZC) - C. K.

I B.SC(BCH) L. K.

II B.SC(BCH) L. K.

I B.A(HEP) P. S.

II B.A(HEP)

III B.A(HEP)

I B.A(HEE) P. S.

II B.A(HEE) P. S.

III B.A(HEE) P. S.

I B.A(HET) P. S.

II B.A(HET) P. S.

III B.A(HET) P. S.

I B.COM(G) P. S.

II B.COM(G) C. K.

III B.COM(G) K. S. H.

I B.COM(CA) P. S.

II B.COM(CA) C. K.

III B.COM(CA) K. S. H.

NATIONAL SCIENCE DAY ONLINE QUIZ: SHOWCASING KNOWLEDGE AND EXCELLENCE

All Science departments of CSTS Govt. Kalasala Conducted online quiz for College Students on 25.02.2022 at 3PM in Computer Class Room using renowned APP KAHOOT as part of the National Science Day. Total eight teams were participated and each team consisting of 6 students.



Dr. CH. Badari Narayana, Sri. G. V. Gangadhara Rao, Sri U. Venkatacharyulu, Dr. M. Madhu, Smt. T. Jhansi Rani, Smt. R. Vijaya Deepika & Ch. Venkata Lakshmi garu acted as quiz masters. Questions were related to recent developments in science. Out of eight teams the following teams, Secured I,II and III places.

I PLACE: TEAM B

- | | |
|------------------|----------------|
| 1. S. Arun Kumar | III B.Sc (MPC) |
| 2. G. Vijay | III B.Sc (MPC) |
| 3. V. Madhavi | III B.Sc (MPC) |
| 4. M. Mounika | III B.Sc (MPC) |
| 5. M. Ramadevi | III B.Sc (MPC) |
| 6. A Laxmi Priya | II B.Com |

II PLACE: TEAM A

- | | |
|-----------------|----------------|
| 1. P. Dharani | III B.Sc (MPC) |
| 2. K. Nirusha | III B.Sc (MPC) |
| 3. V. Anitha | III B.Sc (BZC) |
| 4. P. Anjali | II B.Com (CA) |
| 5. A. Ravi Teja | III B.Sc (MPC) |
| 6. K. Hemanth | III B.Sc (MPC) |

III PLACE: TEAM C

- | | |
|--------------------|---------------|
| 1. T. Archana | I B.Sc (MPC) |
| 2. D. Neha | I B.Sc (BZC) |
| 3. K. Bindhu | I B.Sc (MPC) |
| 4. S. Sumathi | I B.Sc (MPCS) |
| 5. M. Neelima | I B.Sc (MPCS) |
| 6. V. Subhalakshmi | II B.Com (CA) |

PAPER CLIP:

ప్రభుత్వ డిగ్రీ కళాశాలలో సైన్స్ బినోత్సవం

శ్రీచక్ర, జంగారెడ్డిగూడెం

స్థానిక సి.ఎస్.డి.ఎస్ ప్రభుత్వ డిగ్రీ కళాశాలలో జాతీయ సైన్స్ బినోత్సవం మంగళవారం ముగిసగా నిర్వహించారు. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎస్.ప్రసాద్ బాబు అధ్యక్షత వహించారు. సమావేశంలో ప్రిన్సిపాల్ మాట్లాడుతూ సైన్స్ చరిత్రను, ప్రాముఖ్యతను విద్యార్థులకు క్లుప్తంగా వివరించారు. కళాశాల గణిత శాస్త్ర విభాగాధిపతి డాక్టర్ సిహెచ్ బద్రి నారాయణ మాట్లాడుతూ ప్రముఖ సైంటిస్ట్ సి.వి రామన్ ప్రయోగం గురించి విద్యార్థులకు తెలియజేశారు. జాతీయ సైన్స్ బినోత్సవాన్ని పురస్కరించుకుని వ్యాస రచన, పక్షత్వ, క్విజ్ పోటీలను నిర్వహించి, పోటీలలో గెలుపొందిన విద్యార్థులకు ప్రథమ, ద్వితీయ, తృతీయ స్థానం పొందిన విద్యార్థులకు బహుమతి ప్రధానం చేశారు. ఈ కార్యక్రమంలో కళాశాల రసాయన శాస్త్ర అధ్యాపకుడు డాక్టర్ ఎం. మధు, భౌతిక శాస్త్ర విభాగాధిపతి జి. వి. నగంగాధర్ రావు, జంతు శాస్త్ర కూడా అధ్యాపకురాలు ఆర్. విజయ దీపిక, హార్దికల్పర్ అధ్యాపకురాలు సిహెచ్ వెంకటలక్ష్మి, పృథ్వీ శాస్త్ర అధ్యాపకురాలు డి రూప్సి రాణి, తెలుగు విభాగాధిపతి డాక్టర్ జి వెంకట చాల్, కళాశాల విద్యార్థిని విద్యార్థులు పాల్గొన్నారు.



ప్రభుత్వ డిగ్రీ కళాశాలలో సైన్స్ దేవేదులలో ప్రసంగిస్తున్న అధ్యాపకుడు

Summary

Players (9)

Questions (60)

Feedback



Expanded view



Compact view

All (60)

Difficult questions (26)

Search

Question ▾

Type ▾









Correct/incorrect ▾

1 Which company developed the chatbot "ChatGPT"

Quiz

 33%












 IBM		0
 Microsoft		4
 Google		1
 Open AI		3
No answer		1

2 Which is the largest cotton growing state in India

Quiz

 11%

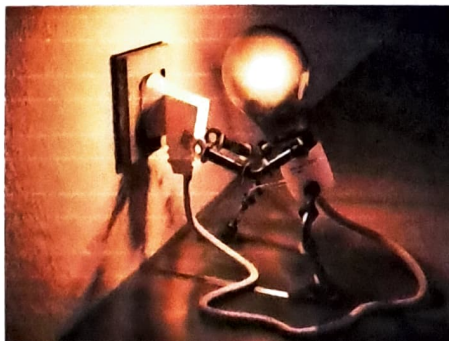











 Gujarat		1
 Bihar		1
 Tamil Nadu		3
 Karnataka		3
No answer		1

3 Which of the follwing is the most common source ...

Quiz

 78%

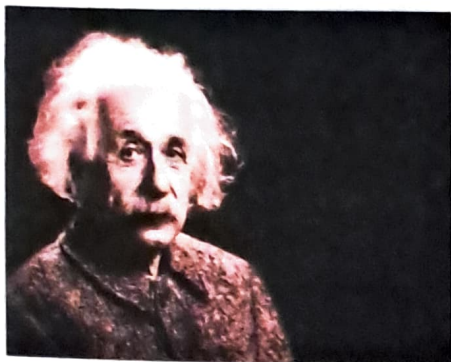


 Wind power		0
 Solar Power		7
 Hydroelectric power		1
 Geothermal energy		0
No answer		1

4 What is the relation between force, mass, and acc...

Quiz

22%



- ☒ Force=mass/accelera... ✗ 3
- ☐ Force=acceleration/... ✗ 2
- ☒ Force=massxaccelera... ✓ 2
- ☐ Force=mass-accelera... ✗ 1
- ☐ No answer ✗ 1

5 Chat GPT means

Quiz

33%

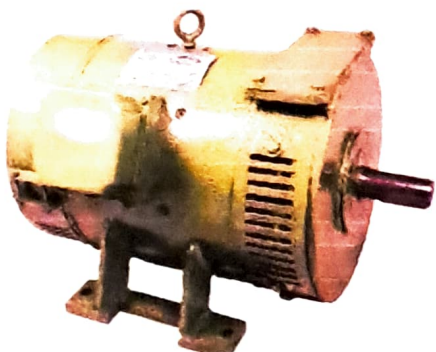


- ☒ Chat General Post-tra... ✗ 1
- ☐ Chat General progres... ✗ 3
- ☒ Chat Generative Pre... ✓ 3
- ☐ Chat General Precusr... ✗ 1
- ☐ No answer ✗ 1

6 How does an electric motor work?

Quiz

22%

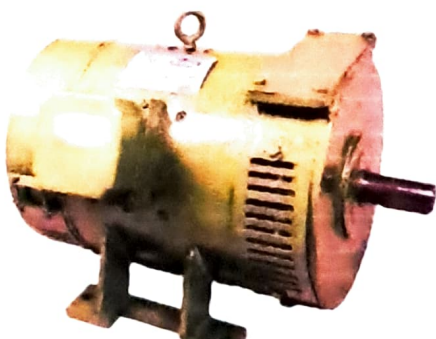


- ☒ interaction b/n magn... ✓ 2
- ☐ flow of electrons thro... ✗ 3
- ☐ interaction b/n magn... ✗ 1
- ☐ flow of water throug... ✗ 2
- ☐ No answer ✗ 1

7 What is the difference between AC electricity and ...

Quiz

44%

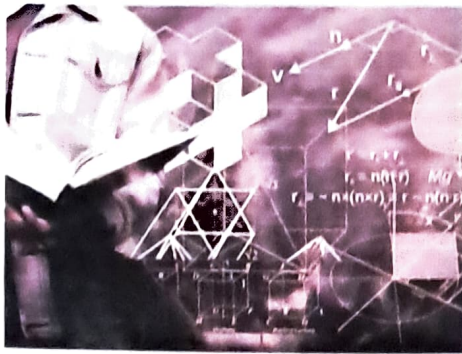


- ☒ AC alternates in direc... ✓ 4
- ☐ AC flows in only one ... ✗ 1
- ☐ AC and DC electricity... ✗ 2
- ☐ AC and DC electricity... ✗ 1
- ☐ No answer ✗ 1

8 The shape of our milky way galaxy is

Quiz

22%



<input type="radio"/>	Circular	X	4
<input type="radio"/>	Elliptical	X	1
<input checked="" type="radio"/>	Spiral	✓	2
<input type="radio"/>	None of the Above	X	1
	No answer	X	1

9 The fundamental scientific principle in the operati...

Quiz

0%



<input type="radio"/>	Acid-Base interaction	X	3
<input type="radio"/>	Dialysis	X	1
<input checked="" type="radio"/>	Dissociation of Electr...	✓	0
<input type="radio"/>	Oxidation-Reduction	X	4
	No answer	X	1

10 Geostationary satellite revolves at

Quiz

11%



<input type="radio"/>	Any Height	X	0
<input type="radio"/>	Fixed Height	✓	1
<input checked="" type="radio"/>	Height which depen...	X	6
<input type="radio"/>	Height above pole	X	1
	No answer	X	1

11 Asteroids revolve around the Sun Between which ...

Quiz

22%

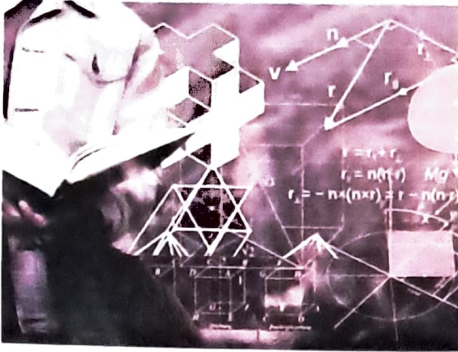


<input type="radio"/>	Earths and Mars	X	3
<input type="radio"/>	Mars and Jupiter	✓	2
<input type="radio"/>	Jupiter and Saturn	X	0
<input type="radio"/>	Saturn and Uranus	X	3
	No answer	X	1

8 The shape of our milky way galaxy is

Quiz

22%



<input checked="" type="radio"/>	Circular	X	4
<input type="radio"/>	Elliptical	X	1
<input checked="" type="radio"/>	Spiral	✓	2
<input type="radio"/>	None of the Above	X	1
	No answer	X	1

9 The fundamental scientific principle in the operati...

Quiz

0%



<input checked="" type="radio"/>	Acid-Base interaction	X	3
<input type="radio"/>	Dialysis	X	1
<input checked="" type="radio"/>	Dissociation of Electr...	✓	0
<input type="radio"/>	Oxidation-Reduction	X	4
	No answer	X	1

10 Geostationary satellite revolves at

Quiz

11%



<input checked="" type="radio"/>	Any Height	X	0
<input type="radio"/>	Fixed Height	✓	1
<input checked="" type="radio"/>	Height which depen...	X	6
<input type="radio"/>	Height above pole	X	1
	No answer	X	1

11 Asteroids revolve around the Sun Between which ...

Quiz

22%

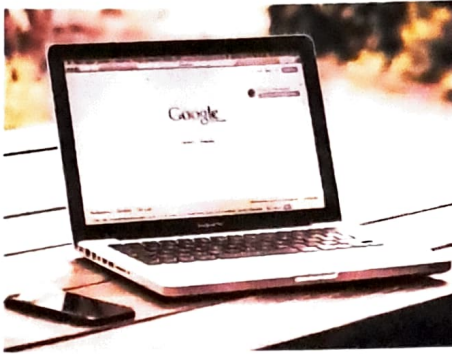


<input checked="" type="radio"/>	Earths and Mars	X	3
<input type="radio"/>	Mars and Jupiter	✓	2
<input type="radio"/>	Jupiter and Saturn	X	0
<input type="radio"/>	Saturn and Uranus	X	3
	No answer	X	1

12 Longitudinal waves cannot travel through

Quiz

22%

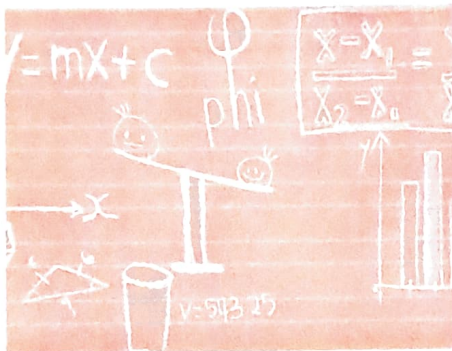


<input checked="" type="checkbox"/>	Vacuum	✓	2
<input type="checkbox"/>	Solid	✗	3
<input type="checkbox"/>	Liquid	✗	0
<input type="checkbox"/>	Gas	✗	3
	No answer	✗	1

13 The Sky appears blue because of

Quiz

22%

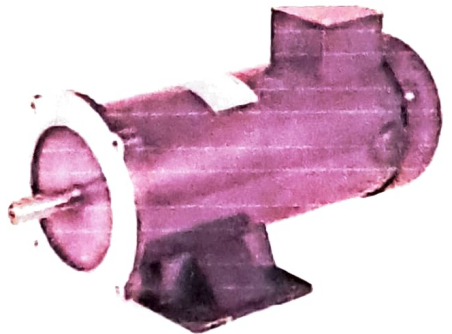


<input checked="" type="checkbox"/>	Atmospheric Water V...	✗	1
<input type="checkbox"/>	Scattering of Light	✓	2
<input type="checkbox"/>	Reflection on Sea Wa...	✗	5
<input type="checkbox"/>	Emission of blue wav...	✗	0
	No answer	✗	1

14 LED stands for

Quiz

78%



<input checked="" type="checkbox"/>	Light Emitting Diode	✓	7
<input type="checkbox"/>	Light Explore Dynamo	✗	0
<input type="checkbox"/>	Lite Explorer Diode	✗	1
<input type="checkbox"/>	Lite Emitting Dyana...	✗	0
	No answer	✗	1

15 What was the fastest growing web browser in 202...

Quiz

22%

















<input checked="" type="checkbox"/>	Microsoft Edge	✓	2
<input type="checkbox"/>	Firefox	✗	4
<input type="checkbox"/>	Duck Duck Go	✗	0
<input type="checkbox"/>	Internet Explorer	✗	2
	No answer	✗	1

16 Where was the world wide web invented?

Quiz

 33%

















	United States			2
	Switzerland			3
	Germany			0
	United Kingdom			3
	No answer			1

17 What was the first item sold on Ebay in 1995?

Quiz

 33%

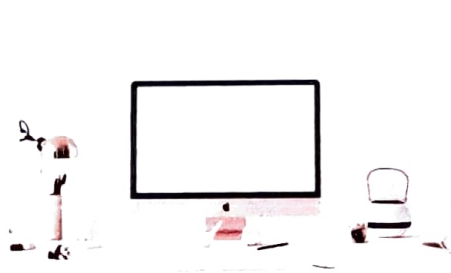








	A Rusty Bucket			0
	A Computer Mouse			4
	A Broken Laser Point...			3
	A Jurrassic Park T-shirt			1
	No answer			1

18 What was the first mobile phone with internet con...

Quiz

 44%

















	iPhone			1
	Nokia 9000 Commun...			4
	Motorola 7500			2
	Blackberry 850			1
	No answer			1

19 What search engine did google beat in 2004 in ord...

Quiz

 89%



	MSN			0
	AskJeeves			0
	Yahoo!			8
	Netscape			0
	No answer			1

20 What is the name of the Microsoft's Web browser?

Quiz

33%



☐ Ding

✗

0

☐ King

✗

2

☐ Ping

✗

3

☒ Bing

✓

3

No answer

✗

1

21 When was the first email sent over the internet ?

Quiz

56%



☐ 1961

✗

2

☐ 1965

✗

0

☒ 1971

✓

5

☐ 1988

✗

1

No answer

✗

1

22 Which gases form the plasma in PLASMA TV?

Quiz

22%



☐ NEON AND HYDROD...

✗

2

☐ HELIUM AND OXYGEN

✗

2

☒ NEON AND XENON

✓

2

☐ XENON AND HYDRO...

✗

2

No answer

✗

1

23 Which is the fastest type cable to connect to the I...

Quiz

67%



☐ Steel

✗

0

☐ Copper

✗

2

☐ Aluminium

✗

0

☒ Fiber Optic

✓

6

No answer

✗

1

24 Which technology is used by the Indian Railways f...

Quiz

22%

24 Which technology is used by the Indian Railways f...

Quiz

22%



<input checked="" type="checkbox"/>	RFID	✓	2
<input type="checkbox"/>	Infrared Technology	✗	3
<input type="checkbox"/>	ZigBee Wireless Tech...	✗	2
<input type="checkbox"/>	Wi-Fi Technology	✗	1
	No answer	✗	1

25 Who was the Father of biology

Quiz

56%



<input checked="" type="checkbox"/>	Robert Brown	✗	2
<input type="checkbox"/>	Robert Coach	✗	0
<input checked="" type="checkbox"/>	Aristotle	✓	5
<input type="checkbox"/>	Mendal	✗	1
	No answer	✗	1

26 Which state of India is called as "sugar bowl" of In...

Quiz

33%

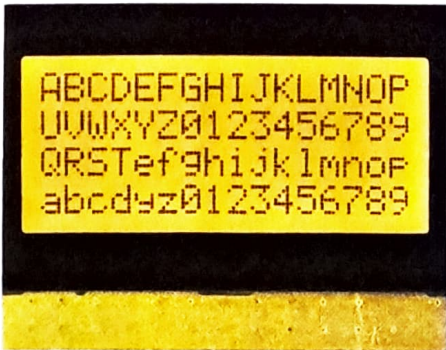


<input checked="" type="checkbox"/>	Uttar pradesh	✓	3
<input type="checkbox"/>	Maharastra	✗	2
<input type="checkbox"/>	Madhyapradesh	✗	1
<input type="checkbox"/>	Haryana	✗	2
	No answer	✗	1

27 Yellow revolution is related to

Quiz

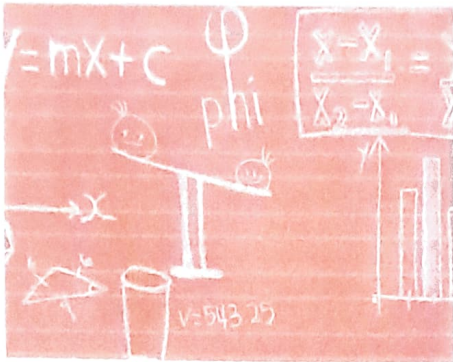
56%



<input checked="" type="checkbox"/>	Fruits	✗	2
<input checked="" type="checkbox"/>	Oilseeds	✓	5
<input type="checkbox"/>	Cotton	✗	1
<input type="checkbox"/>	Glod	✗	0
	No answer	✗	1

28 Father of green revolution in India

Quiz 89%



<input checked="" type="checkbox"/>	M.S. Swaminathan	✓	8
<input type="checkbox"/>	Vikram Sarabhai	✗	0
<input type="checkbox"/>	Somanath Desai	✗	0
<input type="checkbox"/>	S.Radhakrishna	✗	0
<input type="checkbox"/>	No answer	✗	1

29 Which of the following vitamin is water soluble

Quiz 56%



<input checked="" type="checkbox"/>	Vit-A	✗	0
<input type="checkbox"/>	Vit-D	✗	0
<input type="checkbox"/>	Vit-E	✗	3
<input type="checkbox"/>	Vit-B	✓	5
<input type="checkbox"/>	No answer	✗	1

30 Energy currency of the cell is

Quiz 67%



<input checked="" type="checkbox"/>	ADP	✗	1
<input type="checkbox"/>	ATP	✓	6
<input type="checkbox"/>	DNA	✗	0
<input type="checkbox"/>	NADP	✗	1
<input type="checkbox"/>	No answer	✗	1

31 Study about the fruits is called as

Quiz 44%



<input checked="" type="checkbox"/>	Pomoculture	✓	4
<input type="checkbox"/>	Floriculture	✗	3
<input type="checkbox"/>	Olericulture	✗	1
<input type="checkbox"/>	Tissueculture	✗	0
<input type="checkbox"/>	No answer	✗	1

32 "King of fruit" is called as

Quiz

89%

	Guava		0
	Apple		0
	Mango		8
	Orange		0
	No answer		1

33 Andhra Pradesh state tree

Quiz










56%

	Azadirachta indica		5
	Mangifera indica		2
	Rosa indica		1
	Pinus		0
	No answer		1

34 Night Blidness the is caused by the deficiency of

Quiz

56%

	Vitaman A		5
	Vitaman B		2
	Vitaman C		1
	Vitaman D		0
	No answer		1

35 Which one is the best source of protein?

Quiz

56%

	Butter		1
	Fish		5
	Lettuce		0
	Milk		2
	No answer		1

36 Pencilin is widely used as

Quiz 22%

<input checked="" type="checkbox"/>	an antiseptic	X	6
<input type="checkbox"/>	a disinfect	X	0
<input checked="" type="checkbox"/>	an antiboitic	✓	2
<input type="checkbox"/>	an insecticide	X	0
	No answer	X	1

37 Bats can fly in the dark because

Quiz 56%

<input checked="" type="checkbox"/>	They a better vision i...	X	2
<input type="checkbox"/>	The puplis of their ey...	X	1
<input checked="" type="checkbox"/>	They are guided by u...	✓	5
<input type="checkbox"/>	Any bird can do so	X	0
	No answer	X	1

38 Insulin Controls to metabolism of

Quiz 89%

<input checked="" type="checkbox"/>	Sugars	✓	8
<input type="checkbox"/>	Fats	X	0
<input type="checkbox"/>	Proteins	X	0
<input type="checkbox"/>	Salts	X	0
	No answer	X	1

39 Dialysis is used in the case of the patients sufferin...

Quiz 89%

<input checked="" type="checkbox"/>	Heat Disease	X	0
<input checked="" type="checkbox"/>	Kidnay Disease	✓	8
<input type="checkbox"/>	Resiperatory Disease	X	0
<input type="checkbox"/>	Neurology	X	0
	No answer	X	1

40 Which vitamin is produced by the sunlight to the ...

Quiz 89%

<div><div></div></div> C	<div><div></div></div>	0
<div><div></div></div> B	<div><div></div></div>	0
<div><div></div></div> D	<div><div></div></div>	8
<div><div></div></div> A	<div><div></div></div>	0
No answer	<div><div></div></div>	1

41 The number of chromosomes in human body is

Quiz 44%

<div><div></div></div> 42	<div><div></div></div>	0
<div><div></div></div> 44	<div><div></div></div>	4
<div><div></div></div> 46	<div><div></div></div>	4
<div><div></div></div> 45	<div><div></div></div>	0
No answer	<div><div></div></div>	1

42 Filara is caused by

Quiz 33%

<div><div></div></div> bacteria	<div><div></div></div>	2
<div><div></div></div> Mosquito	<div><div></div></div>	3
<div><div></div></div> Protozova	<div><div></div></div>	2
<div><div></div></div> Virus	<div><div></div></div>	1
No answer	<div><div></div></div>	1

43 Citrus cancer is a disease caused by

Quiz 11%

<div><div></div></div> Bacteria	<div><div></div></div>	1
<div><div></div></div> Fungi	<div><div></div></div>	3
<div><div></div></div> Virus	<div><div></div></div>	2
<div><div></div></div> PLO	<div><div></div></div>	2
No answer	<div><div></div></div>	1

44 What is the value of pi (π) rounded to two decimal...

Quiz

78%



3.14

✓ 7

3.16

✗ 1

3.18

✗ 0

3.20

✗ 0

No answer

✗ 1

45 What is the sum of the interior angles of a triangle?

Quiz

89%



90 degrees

✗ 0

180 degrees

✓ 8

270 degrees

✗ 0

360 degrees

✗ 0

No answer

✗ 1

46 What is the value of 5! (5 factorial)?

Quiz

56%



10

✗ 0

20

✗ 0

60

✗ 3

120

✓ 5

No answer

✗ 1



47 What is the formula for the area of a rectangle?

Quiz

67%



length x width

✓ 6

length + width

✗ 1

length / width

✗ 1

length - width

✗ 0

No answer

✗ 1

48 How many electrons present in Hydrogen atom

Quiz

78%

48 How many electrons present in Hydrogen atom

Quiz

78%

1

✓ 7

2

✗ 0

3

✗ 0

4

✗ 0

No answer

✗ 2

49 The metal present in Vitamin B12 is

Quiz

33%

Fe

✗ 4

Co

✓ 3

Mg

✗ 1

Mo

✗ 0

No answer

✗ 1

50 The number of Moles of Solute Present in 1Kg of a ...

Quiz

56%

Molality

✓ 5

Molarity

✗ 3

Normality

✗ 0

Formality

✗ 0

No answer

✗ 1

51 What color does blue litmus paper turn into ?

Quiz

89%

White

✗ 0

Red

✓ 8

Black

✗ 0

Violet

✗ 0

No answer

✗ 1

52 The basis of classification elements in modern peri...

Quiz

44%

<input checked="" type="checkbox"/>	Atomic Number	✓	4
<input type="checkbox"/>	Atomic Mass	✗	3
<input type="checkbox"/>	Atomic Volume	✗	0
<input type="checkbox"/>	Atomic Density	✗	1
	No answer	✗	1

53 Who discovered the bacteria

Quiz

33%

<input checked="" type="checkbox"/>	Linnaeus	✗	0
<input type="checkbox"/>	Pasteur	✗	2
<input type="checkbox"/>	Antonvon leewwen h...	✓	3
<input type="checkbox"/>	Flemming	✗	3
	No answer	✗	1

54 Sexual chromosomes are also called as

Quiz

67%

<input checked="" type="checkbox"/>	Autosomes	✗	2
<input type="checkbox"/>	Polysomes	✗	0
<input type="checkbox"/>	Lamasomes	✗	0
<input type="checkbox"/>	Allosomes	✓	6
	No answer	✗	1

55 Which one is a naturally occurring Noble gas

Quiz

56%

<input checked="" type="checkbox"/>	Sodium	✗	1
<input type="checkbox"/>	Potassium	✗	1
<input type="checkbox"/>	Argon	✓	5
<input type="checkbox"/>	Boron	✗	1
	No answer	✗	1

56 Tear gas is

Quiz

0%

<div>Ammonia</div>	<div>X</div>	<div>1</div>
<div>Hyderogen Sulphide</div>	<div>X</div>	<div>5</div>
<div>Chlorine</div>	<div>✓</div>	<div>0</div>
<div>Hydrogen</div>	<div>X</div>	<div>2</div>
<div>No answer</div>	<div>X</div>	<div>1</div>

57 Which of following does not pollute

Quiz

67%

<div>Nickel</div>	<div>X</div>	<div>1</div>
<div>Arsenic</div>	<div>X</div>	<div>1</div>
<div>Cadmium</div>	<div>X</div>	<div>0</div>
<div>Copper</div>	<div>✓</div>	<div>6</div>
<div>No answer</div>	<div>X</div>	<div>1</div>

58 What is the main component of biomass

Quiz

33%

<div>Butane</div>	<div>X</div>	<div>2</div>
<div>Propane</div>	<div>X</div>	<div>0</div>
<div>Ethane</div>	<div>X</div>	<div>3</div>
<div>Methane</div>	<div>✓</div>	<div>3</div>
<div>No answer</div>	<div>X</div>	<div>1</div>

59 The tendency of the elements to achieve Nobel ga...

Quiz

33%

<div>Octet Rule</div>	<div>✓</div>	<div>3</div>
<div>Avagadro's Rule</div>	<div>X</div>	<div>3</div>
<div>Newton's Rule</div>	<div>X</div>	<div>1</div>
<div>None of these</div>	<div>X</div>	<div>1</div>
<div>No answer</div>	<div>X</div>	<div>1</div>

57 Which of following does not polute

Quiz

67%

<input checked="" type="checkbox"/>	Nickel	✗	1
<input checked="" type="checkbox"/>	Arsenic	✗	1
<input checked="" type="checkbox"/>	Cadmium	✗	0
<input checked="" type="checkbox"/>	Copper	✓	6
<input type="checkbox"/>	No answer	✗	1

58 What is the main component of biomass

Quiz

33%

<input checked="" type="checkbox"/>	Butane	✗	2
<input checked="" type="checkbox"/>	Propane	✗	0
<input checked="" type="checkbox"/>	Ethane	✗	3
<input checked="" type="checkbox"/>	Methane	✓	3
<input type="checkbox"/>	No answer	✗	1

59 The tendency of the elements to achieve Nobel ga...

Quiz

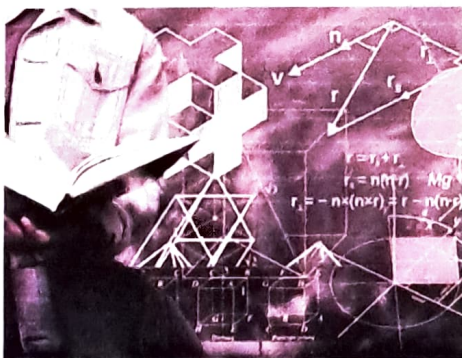
33%

<input checked="" type="checkbox"/>	Octet Rule	✓	3
<input checked="" type="checkbox"/>	Avagadro's Rule	✗	3
<input checked="" type="checkbox"/>	Newton's Rule	✗	1
<input checked="" type="checkbox"/>	None of these	✗	1
<input type="checkbox"/>	No answer	✗	1

60 What is the Area of the Circle having radius r?


Quiz

44%



<input checked="" type="checkbox"/>	πr	✗	0
<input checked="" type="checkbox"/>	$2\pi r$	✗	4
<input checked="" type="checkbox"/>	$3\pi r$	✗	0
<input checked="" type="checkbox"/>	πr^2	✓	4
<input type="checkbox"/>	No answer	✗	1

NATIONAL SCIENCE DAY QUIZ

Live 

Feb 25, 2023, 2:58 PM

Hosted by ggurijala

ggurijala
Private



Home



Discover



Library



Reports



Groups



Marketplace

Summary

Players(9)

Questions(60)

Feedback

All (9)

Need help (1)

Didn't finish

Search

Nickname ▾

Rank ▾

Correct answers ▾

Unanswered ▾

Final score ▾

B

1



72%

1

37 565

A

2



67%

—

36 108

C

3



52%

—

25 913

G

4



52%

—

25 398

D

5



48%

—

24 512

J

6



48%

—

24 474

H

7



47%

—

23 809

F

8



43%

—

22 656

E

9



0%

60

0



NATIONAL SCIENCE DAY QUIZ

A



36108
40 out of 60

B



37565
43 out of 60

C



25913
31 out of 60



CSTS GOVERNMENT KALASALA, JANGAREDDIGUDEM

DEPARTMENT OF MATHEMATICS



ACDEMIC YEAR: 2022-23

NAME OF THE TOPIC: ONLINE QUIZ USING KAHoot DATE: 25-02-2023

NUMBER OF STUDENTS ATTENDED: 53 VENUE: COMPUTER LAB

S.NO	NAME OF THE STUDENT	REGISTER NUMBER	SIGNATURE OF THE STUDENT
1	P. Narendra	213367102026	P. Narendra
2	D.M.D. Rami	203367101602	delip
3	P. Dharani	203367101013	P. Dharani
4	MA Nikita	203367102027	MA Nikita
5	T. Bobby	213367101014	T. Bobby
6	B. Ravi Teja	213367101014	B. Ravi Teja
7	M. Ramadevi	203367101012	M. Ramadevi
8	K. Raghavendrakumar	203367101005	K. Raghavendrakumar
9	A. Ravi Teja	203367101001	A. Ravi Teja
10	M. Mounika	203367101011	M. Mounika
11	D. Ravi Kiran	203367101003	D. Ravi Kiran
12	S. Arun Kumar	203367101015	Arun Kumar
13	V. Madhavi	203367101016	V. Madhavi
14	K. Nirusha Kumari	203367101009	K. Nirusha Kumari
15	G. Vijay	203367101004	G. Vijay
16	U. Nagendra	203367102032	U. Nagendra
17	T. KA UERT	213367102032	T. Kai
18	K. Mangaraj	213367101017	K. Mangaraj
19	S. Sumathi	223367102019	S. Sumathi
20	K. N. Bindhu	223367102002	K. N. Bindhu
21	M. Neelima	223367102016	M. Neelima
22	K. S. Sai	203367102025	K. S. Sai
23	J. Vignesh	223367102006	J. Vignesh
24	S. Madhu	223367102020	S. Madhu
25	N. Vamsi	223367102017	N. Vamsi
26	G. Santosh	203367102020	G. Santosh
27	R. Mounika	203367102030	Mounika

J. Ravi Shankar

Chandru N

S.NO	NAME OF THE STUDENT	REGISTER NUMBER	SIGNATURE OF THE STUDENT
28	Y. Ohana Laxmi	203367101017	Y. Ohana Laxmi
29	G. Siva	203367102021	G. Siva
30	T. Kolby	213367101014	T. Kolby
31	Ch. Sunil	213367101005	Ch. Sunil
32	Ch. Gishor	213367101006	Ch. Gishor
33	B. prasanna	213367101001	B. P. Prasanna
34	K. Anurag	213367102021	K. Anurag
35	A. Navya	213367101001	A. Navya
36	B. Priyanka	213367102019	B. Priyanka
37	M. Ramya	213367102025	M. Ramya
38	K. Jayaashwini	213367102022	K. Jayaashwini
39	S. Laxmi	223367101008	S. Laxmi
40	M. Anala	223367101003	M. Anala
41	R. N. Chavani	223367101007	R. N. Chavani
42	K. V. Lakshmi	223367102014	K. V. Lakshmi
43	S. Durga	213367101013	S. Durga
44	G. Shiksha	213367101007	G. Shiksha
45	B. Anurag	213367101003	B. Anurag
46	K. Uday Kumar	213367101008	K. Uday Kumar
47	D. Daga Manga	223367101001	D. Daga Manga
48	M. Pravalika	223367101005	M. Pravalika
49	B. Sarvani	223367101011	B. Sarvani
50	M. Lakshmi Devi	213367101011	M. Lakshmi Devi
51	F. Sneha	223367101012	F. Sneha
52	M. Kishore	223367101014	M. Kishore
53	S. Sivam	223367102021	S. Sivam
54			
55			
56			
57			
58			
59			
60			

T. Raji Srikanth

Ch. B. N. Nany

Chatrapathi Sivaji Tri Satajayanthi (CSTS)

Government Kalasala

Enter to Learn -Leave to Serve

Jangareddigudem, W.G.Dt. A.P.



DEPARTMENT OF ZOOLOGY

NATIONAL LEVEL ONLINE QUIZ

ON

VACCINATION

March 16th 2022

National Level Online Quiz on Vaccination

The Lectuer in Zoology, Smt.R.Vijayadeepika, has conducted a National Level Online Quiz on Vaccination on World vaccination Day-March 16th 2022. Nearly 938 responses(Students, Faculty,Research Scholar and Others) has received. E-Certificate has given to all the participants who scored 30% and above.

S.No	State	No.of responses
1	Andhra Pradesh	918
2	Telangana	14
3	Maharastra	01
4	Odisha	01
5	Tamil Naidu	04

S.No	Responses	No.of Responses
1	Students	864
2	P.G	30
3	Scholars	20
4	School	10
5	Faculty	50
6	Others	04



Chatrapathi Sivaji Tri Satayanthi (CSTS)
Government Kalasala
Enter to Learn -Leave to Serve
Jangareddygudem, W.G.Dt. A.P.



CERTIFICATE OF PARTICIPATION

R. Vijayadeepika

has participated in the

National Level Online Quiz

Conducted by the department of Zoology, CSTS Government Kalasala,
Jangareddygudem, W.G.Dt. on 16/03/2022

Vijay

Dept. of Zoology

[Signature]

Principal

National level Quiz on Vaccination-2022

On the Occasion of " National Vaccination Day" the department of Zoology ,CSTS Government Kalasala, Jangareddigudem is conducting online quiz on Vaccination .

*** Required**

1. Email *

2. Full Name *

3. Designation/Class

4. State

5. 1.National vaccination day is observed every on

Mark only one oval.

☐ April 24

☐ March 16

☐ Jan 16

☐ Feb 16

6. 2.who is the founder of Vaccinology

Mark only one oval.

- ☐ Louis Pasteur
- ☐ Edward Jenner
- ☐ Waston crick
- ☐ Linnaeus

7. 3.National Vaccination Day is officially known as

Mark only one oval.

- ☐ National Anti-cancer Day
- ☐ National Immunization Day
- ☐ National Science Day

8. 4. Vaccines protects from infections by

Mark only one oval.

- ☐ Destroying the infective agent in the environment
- ☐ Killing the insects
- ☐ Increasing the Immunity of the host
- ☐ None of the above

9. 5. In India first dose of oral polio was given in

Mark only one oval.

- ☐ 1995
- ☐ 1985
- ☐ 1975
- ☐ 1965

10. 6.Vaccine usually provide passive immunity

Mark only one oval.

- ☐ True
☐ False

11. 7. which of these vaccine is used to prevent tuberculosis

Mark only one oval.

- ☐ BCG
☐ HCG
☐ MMR
☐ DPT

12. 8. A child has missed the third dose of DPT Vaccine by one month what should parent do

Mark only one oval.

- ☐ Skip the dose altogether
☐ Administer the dose even though if it late
☐ Wait for another two month before administerting the missed dose
☐ repat first two doses and then administer the third one

13. 9.People with severe immune deficiency should not receive killed vaccines

Mark only one oval.

- ☐ True
☐ False

14. 10. A booster dose is an additional dose of a vaccine given to enhance the immunity against the particular infection

Mark only one oval.

- ☐ True
☐ False

15. 11. Which of the vaccines is available for oral administration

Mark only one oval.

- ☐ Measles
☐ Rabies
☐ Hepatitis
☐ Typhoid

16. 12. Which of the following is India made Covid 19 vaccine

Mark only one oval.

- ☐ Covaxin
☐ Covishield
☐ Both
☐ None of the above

17. 13. A new needle and syringe must be used for each vaccination

Mark only one oval.

- ☐ True
☐ false

18. 14. The side effects of vaccines are

Mark only one oval.

- ☐ Headache
- ☐ Pain at the Injection site
- ☐ Mild fever
- ☐ all the above

19. 15. Blood and Pathology specimen can be stored in the vaccine fridge but not lunch

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ May be

4/6/22, 12:17 PM

National level Quiz on Vaccination-2022 - Google Forms



National level Quiz on Vaccination-2022

Questions Responses 939 Settings

Total points: 30

939 responses



Accepting responses ☒

Summary

Question

Individual

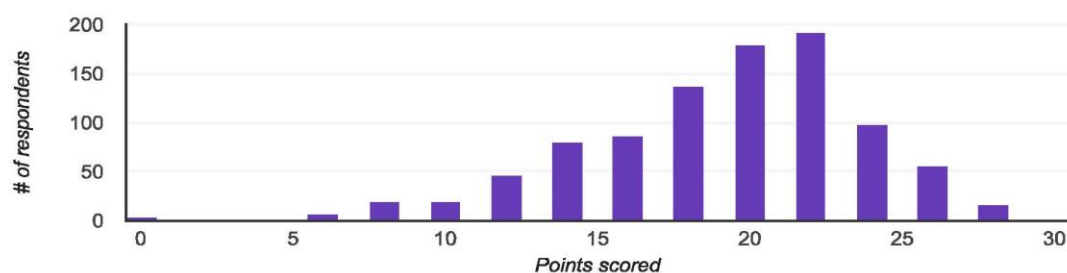
Insights

Average
19.13 / 30 points

Median
20 / 30 points

Range
0 - 30 points

Total points distribution



📌 Frequently missed questions ?

Question	Correct responses
5. In India first dose of oral polio was given in	444 / 914
8. A child has missed the third dose of DPT Vaccine by one month what should parent do	330 / 908
9. People with severe immune deficiency should not receive killed vaccines	392 / 921
11. Which of the vaccines is available for oral administration	367 / 910
12. Which of the following is India made Covid 19 vaccine	211 / 931
15. Blood and Pathology specimen can be stored in the vaccine fridge but not lunch	161 / 928

State

924 responses

Andhra Pradesh

Andhrapradesh

Andhra Pradesh

Andhra pradesh

Ap

Andra Pradesh

ANDHRA PRADESH

Andrapradesh

AP

State

924 responses

And hr a Pradesh

Andhra pradeshg

Telangan

Vishakhapatnam

Andhara prase

Visakhapatnam

Vizag

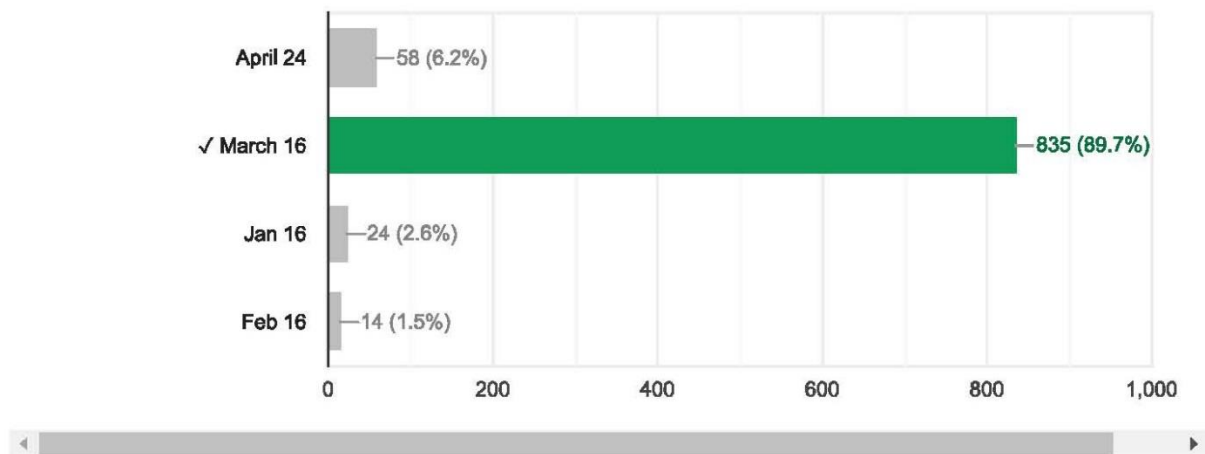
AndhraPradesh

ANDHRA pradesh

1.National vaccination day is observed every on

 Copy

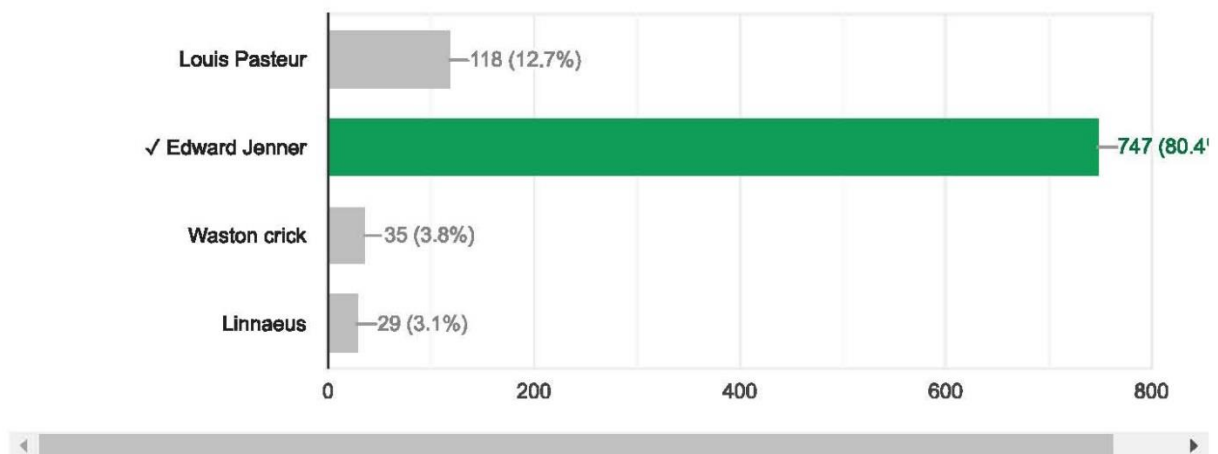
835 / 931 correct responses



2.who is the founder of Vaccinology

 Copy

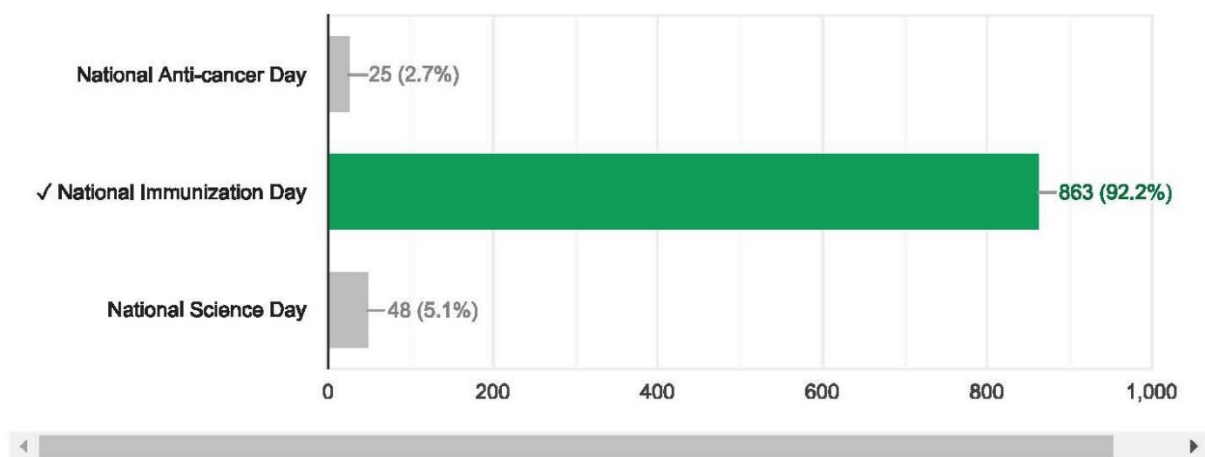
747 / 929 correct responses



3.National Vaccination Day is officially known as

 Copy

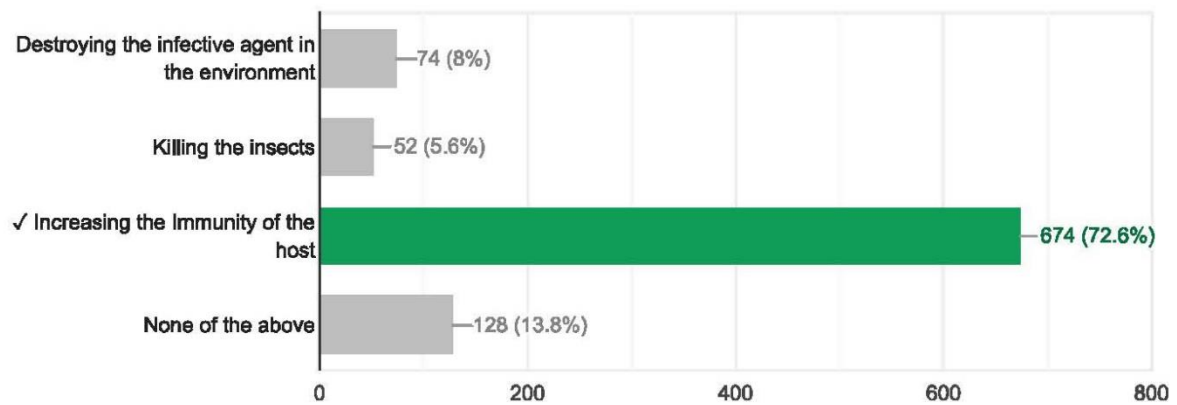
863 / 936 correct responses



4. Vaccines protect from infections by

 Copy

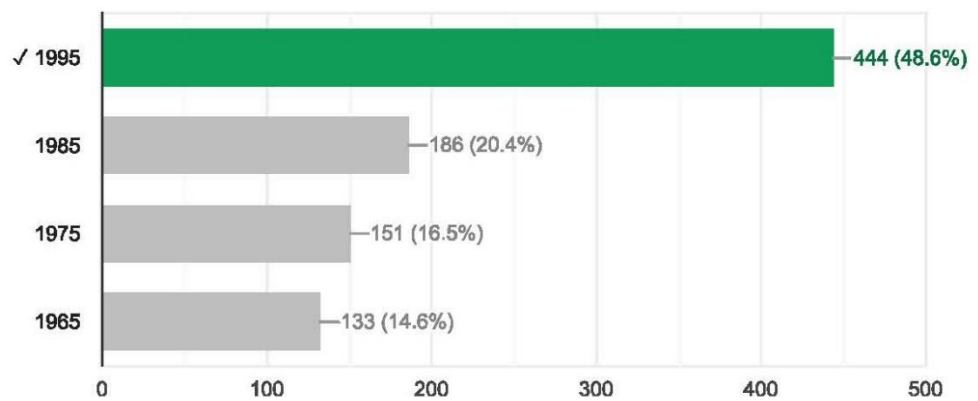
674 / 928 correct responses



5. In India first dose of oral polio was given in

 Copy

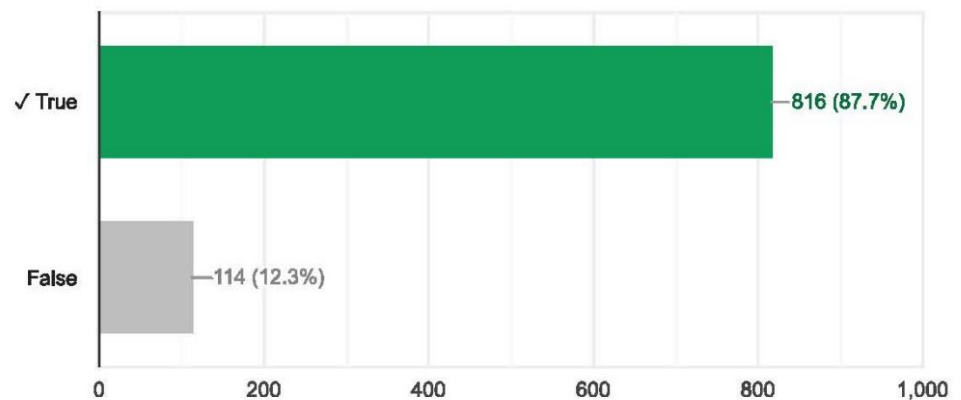
444 / 914 correct responses



6. Vaccine usually provide passive immunity

 Copy

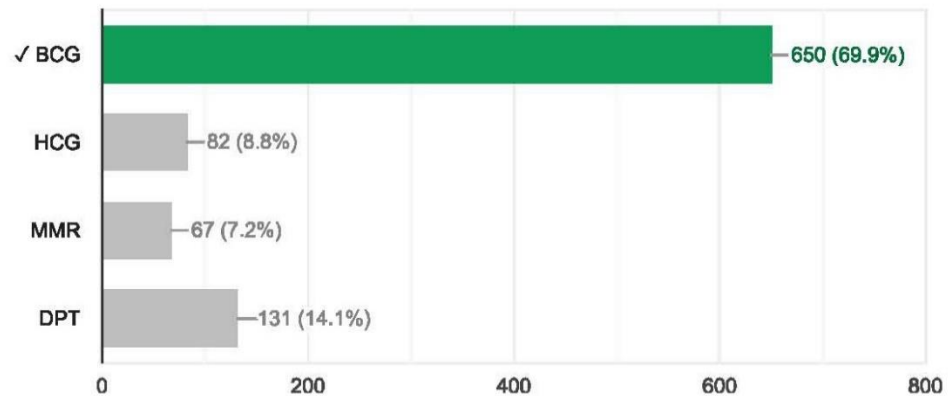
816 / 930 correct responses



7. which of these vaccine is used to prevent tuberculosis

 Copy

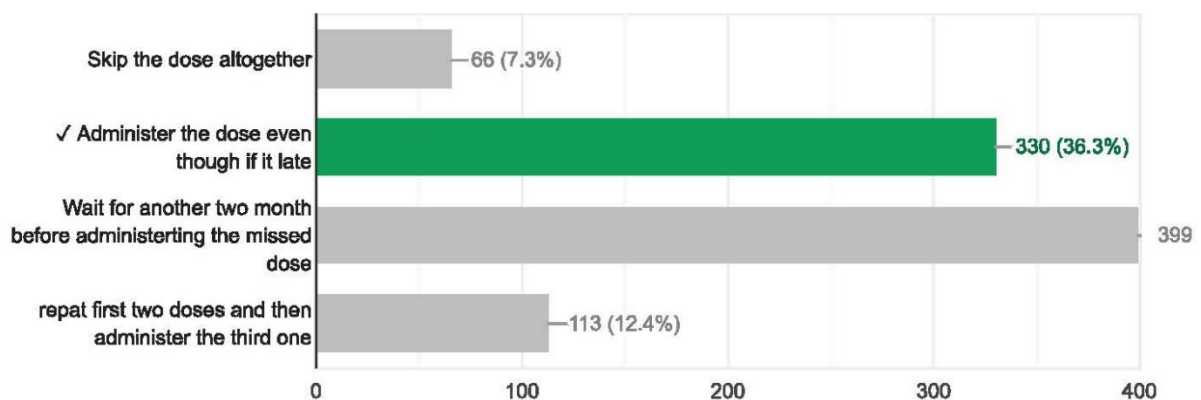
650 / 930 correct responses



8. A child has missed the third dose of DPT Vaccine by one month what should parent do

 Copy

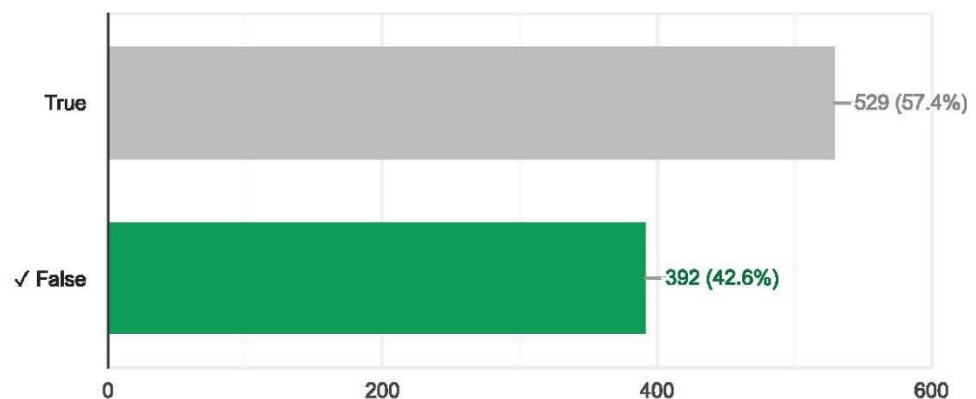
330 / 908 correct responses



9. People with severe immune deficiency should not receive killed vaccines

 Copy

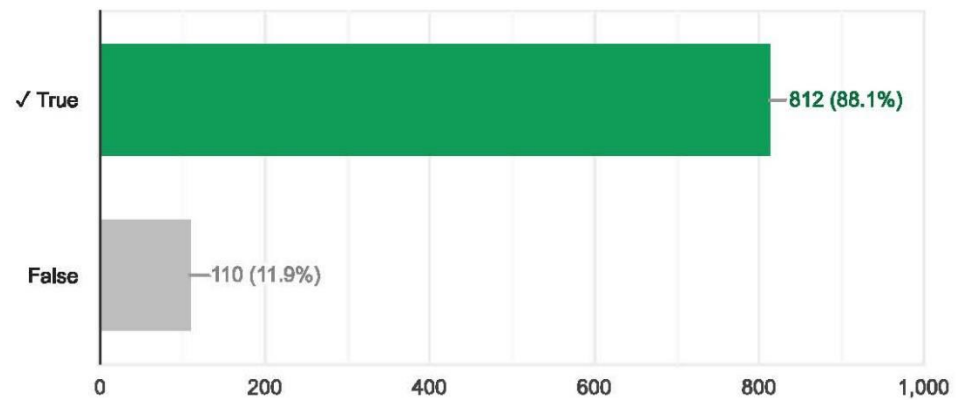
392 / 921 correct responses



10. A booster dose is an additional dose of a vaccine given to enhance the immunity against the particular infection

 Copy

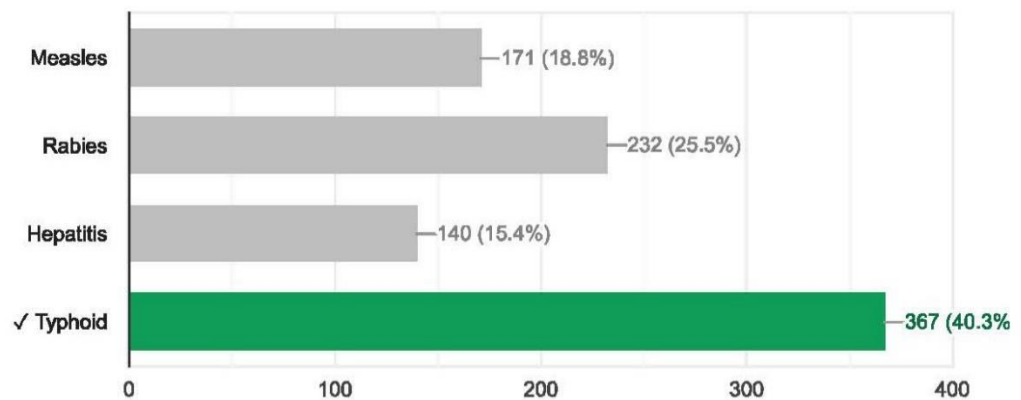
812 / 922 correct responses



11. Which of the vaccines is available for oral administration

 Copy

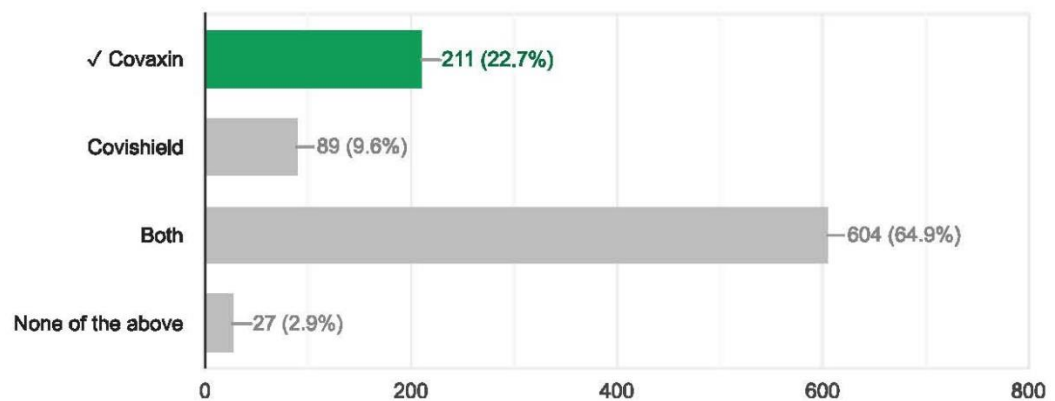
367 / 910 correct responses



12. Which of the following is India made Covid 19 vaccine

 Copy

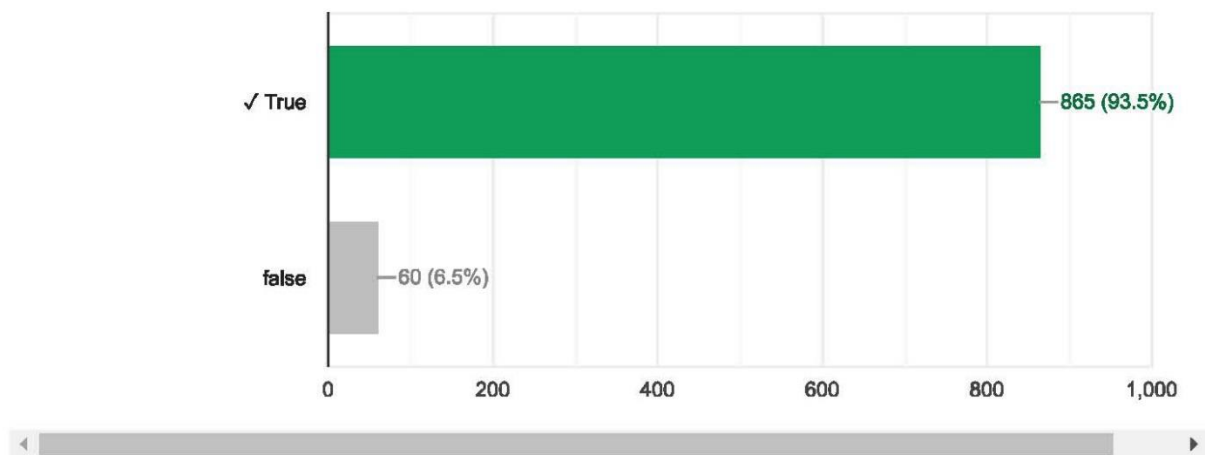
211 / 931 correct responses



13. A new needle and syringe must be used for each vaccination

 Copy

865 / 925 correct responses



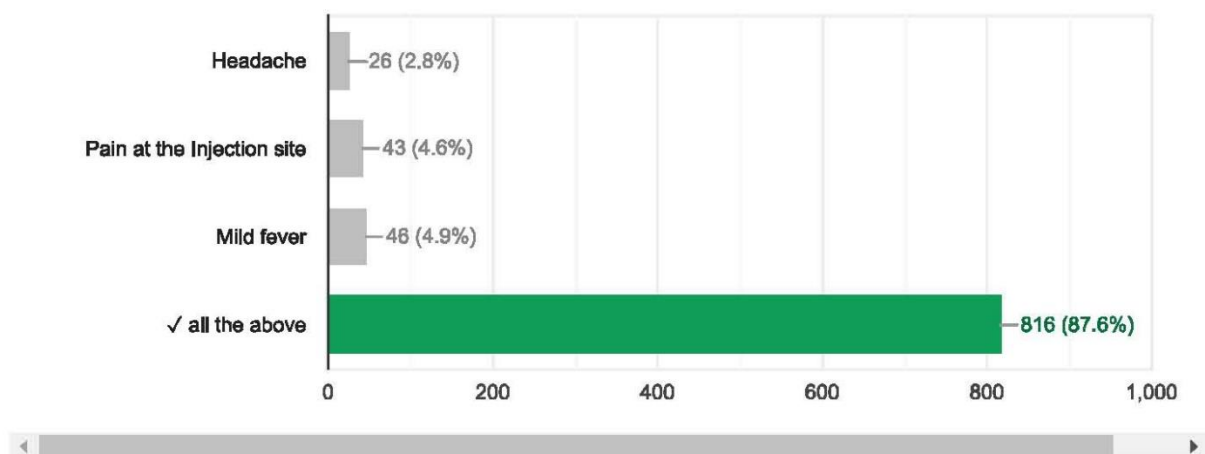
4/6/22, 12:17 PM

National level Quiz on Vaccination-2022 - Google Forms

14. The side effects of vaccines are

 Copy

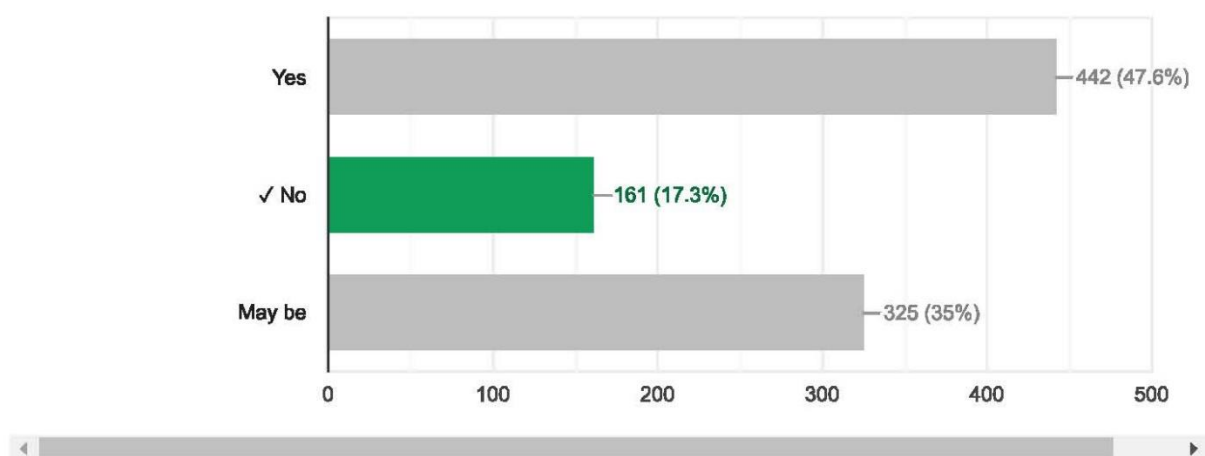
816 / 931 correct responses



15. Blood and Pathology specimen can be stored in the vaccine fridge but not lunch

 Copy

161 / 928 correct responses



NAAC: C (II CYCLE)

STATE LEVEL COMMERCE QUIZ

04-07-2023

TO

17-07-2023



Department of commerce

C.S.T.S. GOVT.KALASALA

JANGAREDDIGUDEM, ELURU DIST

2022-23

CHATRAPATHI SIVAJI TRI SATHAJAYANTHI (C.S.T.S)
GOVERNMENT KALASALA, JANGAREDDIGUDEM,
ELURU DIST., A.P.



DEPARTMENT OF COMMERCE
STATE LEVEL ONLINE COMMERCE QUIZ

Conducted On
JULY 4-17th 2023

Objectives:

Promote commerce education: The quiz aims to promote and enhance commerce education.

Engage participants: The objective is to engage a diverse range of participants, including students to create a broad and inclusive learning environment.

Promote competitive spirit: The quiz indirectly promotes, competitive spirit and encouraging participants to engage in discussions, knowledge sharing related to commerce topics.

Student knowledge testing program: The quiz conducted at state level by which Student's knowledge & skill is tested.

Provide a learning opportunity: The quiz aims to provide a valuable learning opportunity for all participants by allowing them to expend their knowledge.

NOTICE

It is proposed to conduct departmental staff meeting on 01/07/2023 at 3:30 pm in the department of commerce.

Agenda of the meeting: To Discuss about State level online Commerce Quiz, Students Attendance, Result Analysis.

1.Dr. K.Uttamsagar, Lecturer in commerce



2.Ch.Ramadevi, Lecturer in commerce



3.K.V.V.Sirisha, Lecturer in commerce

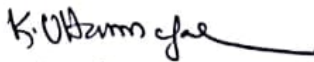
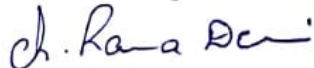
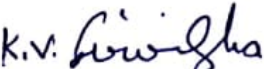

Principal

MINUTES

Departmental meeting was held on 01/07/2023 at 3:30 pm in the department of commerce under the chairmanship of Dr.N.Prasad Babu, Pricipal of this college and the following issues has been resolved.

- Department has taken resolution to conduct state level commerce quiz in online mode to impart and test the knowledge of the students.
- Discussion on Improvement of student attendance.
- Analysis on 1st semester results.

The following members are present and signed.

- | | | |
|--------------------|------------------------|--|
| 1.Dr. K.Uttamsagar | (Lecturer in commerce) |  |
| 2.Ch.Ramadevi | (Lecturer in commerce) |  |
| 3.K.V.V.Sirisha | (Lecturer in commerce) |  |



Principal

CIRCULAR

Department of commerce is going to conduct a program named "online commerce quiz" from 04-07-2023 to 17-07-2023. So all the students should participate in this quiz and also forward to another colleagues and commerce friends. All the lecturers are requested to forward this quiz to your old colleges groups and make the program success.


PRINCIPAL

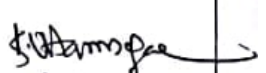
I B.SC(MPC)- 

I B.A(HEP)- 


I B.COM (G)- K.V. Singh


II B.SC(MPC)- 

II B.A(HEP)- 


II B.COM (G)- 

III B.SC(MPC)- 

III B.A(HEP)- 

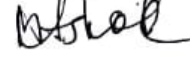
III B.COM (G)- 


I B.SC(MPCS)- 

I B.A(HEE)- 


I B.COM (CA)- K.V. Singh


II B.SC(MPCS)- 


II B.A(HEE)- 

II B.COM (CA)- 


III B.SC(MPCS)- 

III B.A(HEE)- 


III B.COM (CA)- 

I B.SC(BZC)- 


I B.A(HET)- 


II B.SC (BZC)- 

II B.A(HET)- 

III B.SC(BZC)- 

III B.A(HET)- 

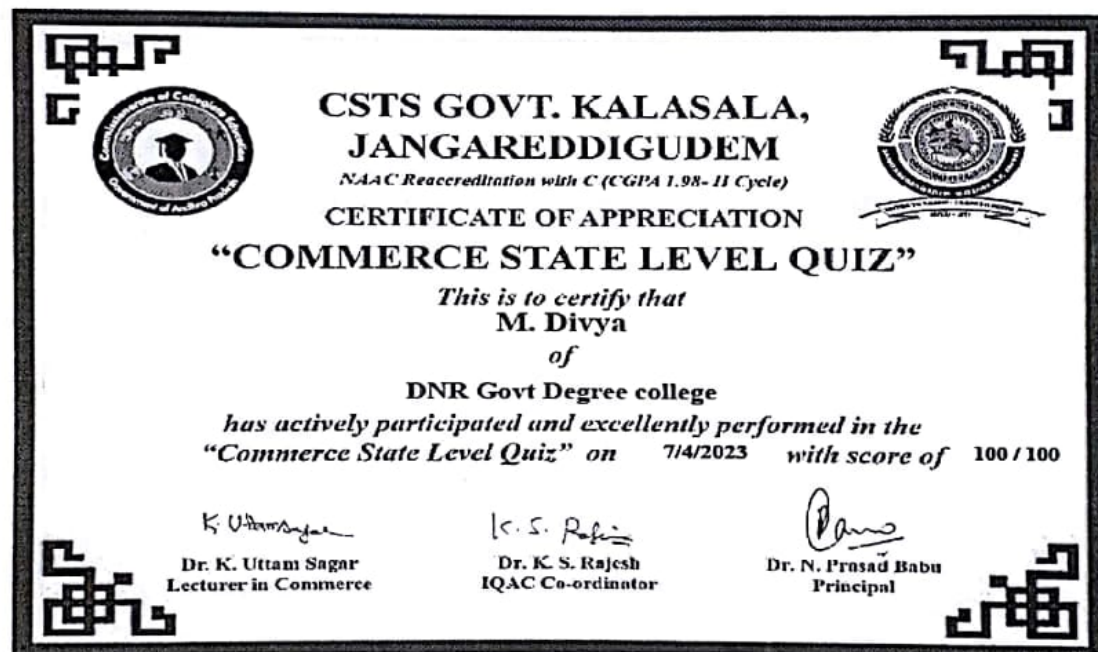
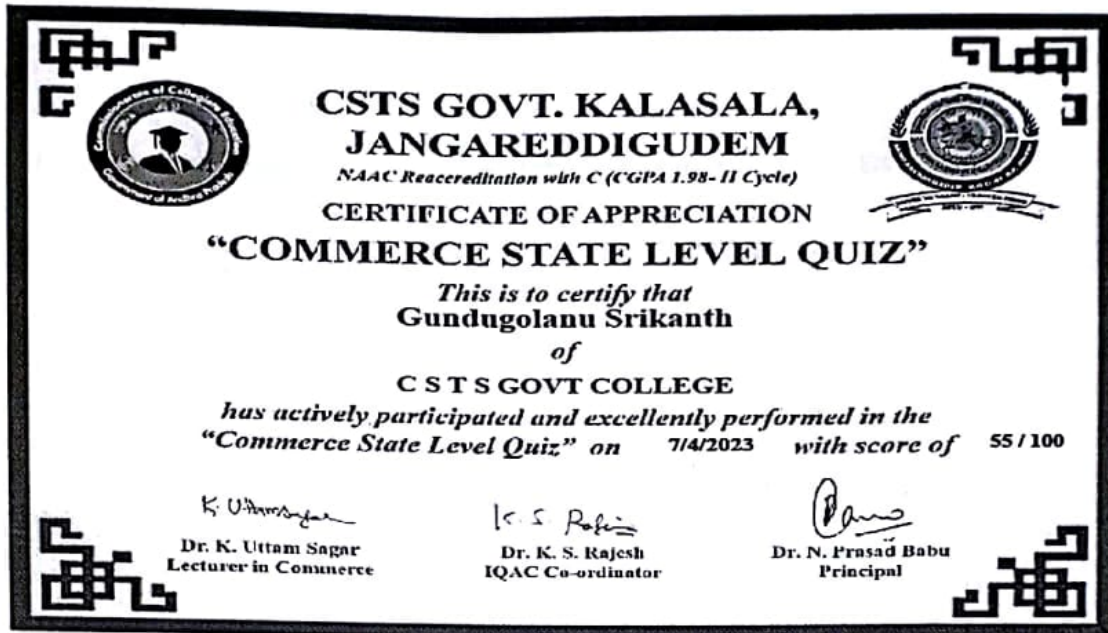
I B.SC (BCH)- 

II B.SC(BZC)- 

STATE LEVEL ONLINE COMMERCE QUIZ

The Department of commerce conducted state level online commerce quiz from 04-07-2023 to 17-07-2023 BY using Google forms. The link is shared in college what's group, different teacher's community groups and shared among students. Above 170 students participated in this quiz and the department awarded the certificates who scored 30% of and above marks.

S.NO	COLLEGE	No. Of students
1.	C.S.T.S GOVERNMENT KALASALA,JANGAREDDIGUDEM	65
2.	ARTS COLLEGE,RAJAHMUNDRY	4
3.	C.R.R COLLEGE	1
4.	CH.CHITALAPATHI MUTIRAJUGARU,GANAPAVARAM	2
5.	D.N.R (W) GOVERNMENT DEGREE COLLEGE PALAKOLLU	37
6.	D.R.G GOVERNMENT DEGREE COLLEGE	18
7.	G.D.C CHINTURU	7
8.	GOVERNMENT DEGREE COLLEGE ,KAKINADA	2
9.	S.V.D.G.D.C (W)	9
10.	S.A.S GOVT DEGREE COLLEGE	9
11.	S.V.R.K DEGREE COLLEGE	23
12.	P.R.G.C DEGREE COLLEGE	1
	TOTAL	178





**CSTS GOVT. KALASALA,
JANGAREDDIGUDEM**

NAAC Reaccreditation with C (CGPA 1.98- II Cycle)



**CERTIFICATE OF APPRECIATION
"COMMERCE STATE LEVEL QUIZ"**

*This is to certify that
ADIGARLA VEERA SIVA KISHOR
of*

*Sri aravinda sathajayanthi govt.degree college
has actively participated and excellently performed in the
"Commerce State Level Quiz" on 7/4/2023 with score of 45 / 100*

K. Uttam Sagar

Dr. K. Uttam Sagar
Lecturer in Commerce

K. S. Rajesh

Dr. K. S. Rajesh
IQAC Co-ordinator

Dr. N. Prasad Babu

Dr. N. Prasad Babu
Principal



**CSTS GOVT. KALASALA,
JANGAREDDIGUDEM**

NAAC Reaccreditation with C (CGPA 1.98- II Cycle)



**CERTIFICATE OF APPRECIATION
"COMMERCE STATE LEVEL QUIZ"**

*This is to certify that
K.Vagdevi
of*

*Sri.D.N.R.Govt Degree College For Women's
has actively participated and excellently performed in the
"Commerce State Level Quiz" on 7/4/2023 with score of 100 / 100*

K. Uttam Sagar

Dr. K. Uttam Sagar
Lecturer in Commerce

K. S. Rajesh

Dr. K. S. Rajesh
IQAC Co-ordinator

Dr. N. Prasad Babu

Dr. N. Prasad Babu
Principal

Commerce

CSTS GDC Department of Commerce State level quiz

This form is automatically collecting emails from all respondents [Change settings](#)

What is your name *

Short answer text

Group *

Short answer text

College name *

Short answer text

District *

Short answer text

1. Marketing environment consists *

- ☐ BuyingBuying behaviour
- ☐ Production life cycle
- ☐ LogisticsLogistics
- ☐ All of the above

2. Social environment includes *

- ☐ Ethical value
- ☐ Change
- ☐ Work
- ☐ Compensation

...

3. Economic planning includes *

- ☐ Society
- ☐ 5 years plan
- ☐ Operation
- ☐ Management

4. Finance commission Constituted by the *

- ☐ President of India
- ☐ RBI
- ☐ SEBI
- ☐ PNB

5. Types of price elasticity of demand is *

- ☐ Perfectly elastic demand
- ☐ Linke demand
- ☐ Kinds
- ☐ Gift

6. Sales less variable cost equal to *

- ☐ Cost
- ☐ Profit
- ☐ Contribution
- ☐ Sales

7. A statistic is very useful in *

- ☐ Economic planning
- ☐ Transport
- ☐ Agriculture
- ☐ All of these

8. Hypothesis testing is a part of *

- ☐ Economics
- ☐ Marketing
- ☐ Statistics
- ☐ Business

9. Degree and direction of correlation is related to *

- ☐ Regression analysis
- ☐ Mode
- ☐ Standard
- ☐ SampleSample

10. Questionnaire is used for *

- ☐ Average
- ☐ Data collection
- ☐ Table
- ☐ Size
- ☐ Other...

11. RAM is a _____ memory *

- ☐ Correlation
- ☐ UPS
- ☐ Computer
- ☐ CPU

12. Which is a computer memory *

:::

- ☐ ROM
- ☐ UPS
- ☐ SCD

13. Which is a first step of appointment *

- ☐ Staff
- ☐ Recruitment
- ☐ Process
- ☐ Sources

14. Which is type of selection test *

- ☐ Aptitude test
- ☐ Interest test
- ☐ Situation Test
- ☐ All of these

15. Price flexibility policy is a policy of *

- ☐ Trade
- ☐ Business
- ☐ Prices
- ☐ Value

16. All trademarks are *

- ☐ Brands
- ☐ Product
- ☐ Selling
- ☐ Ultimate Things

17. Marketing mix includes *

...

- ☐ Marketing research
- ☐ Sales force
- ☐ Pricing
- ☐ All of these

18. Money market provides *

- ☐ Short term credit
- ☐ Agro credit
- ☐ Car credit
- ☐ None of these

19. Which was established in 1935 *

- ☐ SBI
- ☐ UCO Bank
- ☐ RBI
- ☐ SIDBI

20. Which is the first bank in the country was started at *

- ☐ Jaipur
- ☐ Mumbai
- ☐ Kolkata
- ☐ Pune

Student Responses and scores evaluation graphs

179 responses

 View in Sheets

Accepting responses ☒

Summary

Question

Individual

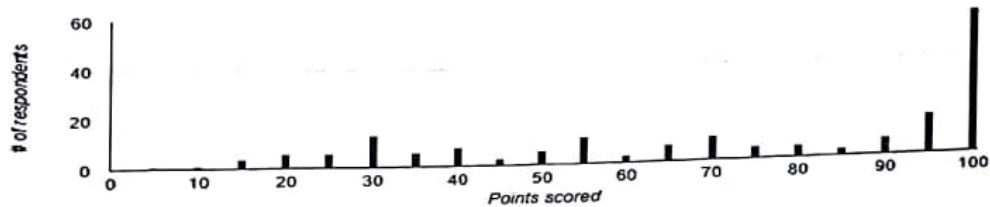
Insights

Average
70.5 / 100 points

Median
75 / 100 points

Range
5 - 100 points

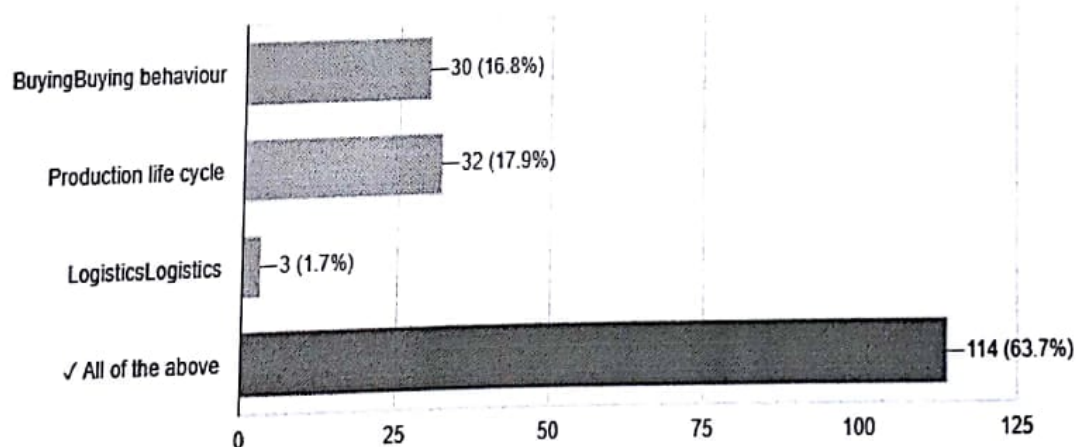
Total points distribution



1. Marketing environment consists

 Copy

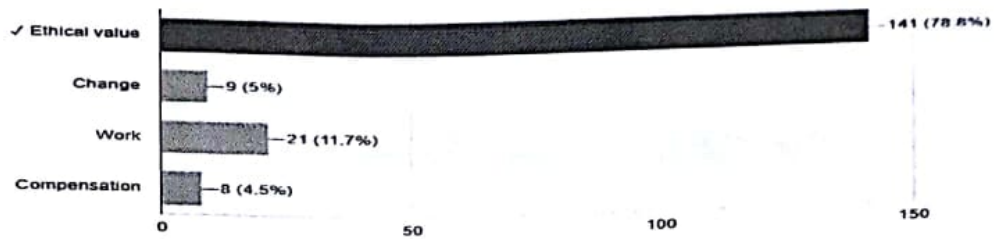
114 / 179 correct responses



2. Social environment includes

141 / 179 correct responses

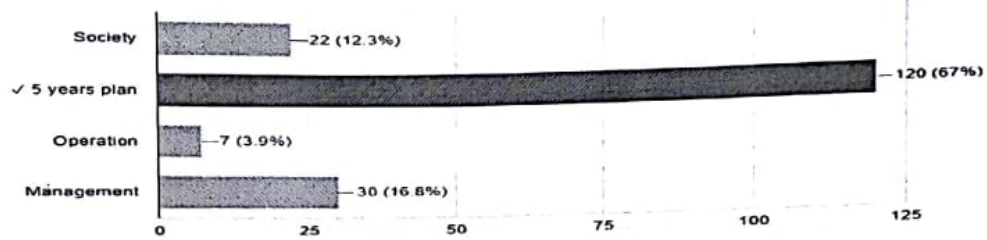
 Copy



3. Economic planning includes

120 / 179 correct responses

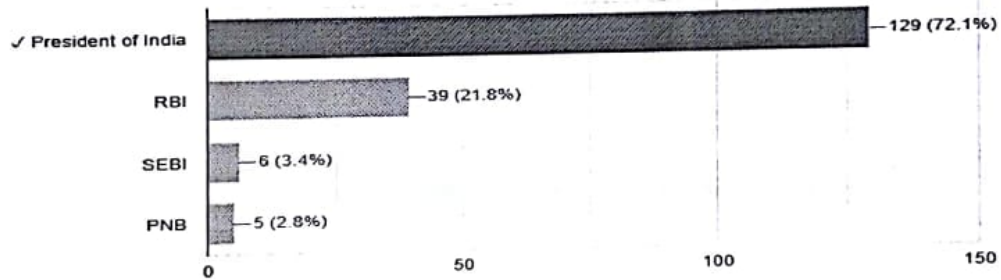
 Copy



4. Finance commission Constituted by the

129 / 179 correct responses

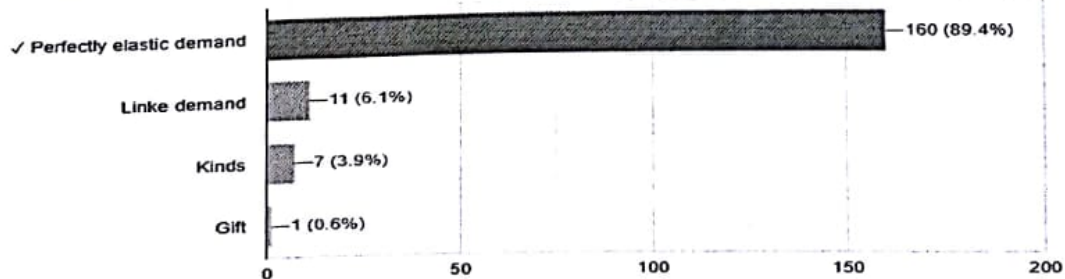
 Copy



5. Types of price elasticity of demand is

160 / 179 correct responses

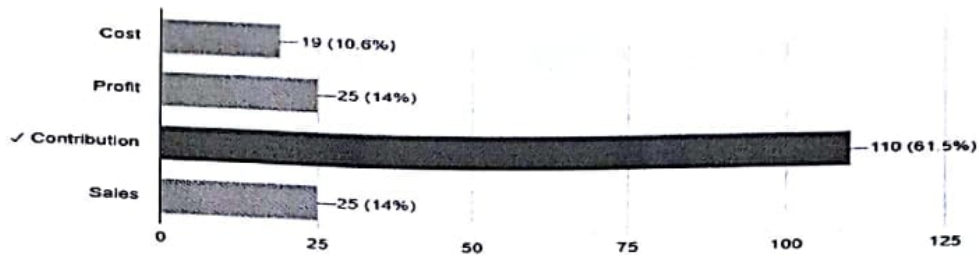
 Copy



6. Sales less variable cost equal to

110 / 179 correct responses

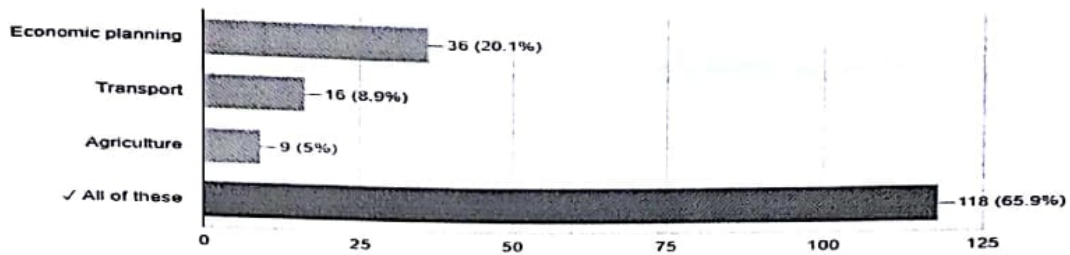
☐ Copy



7. A statistic is very useful in

118 / 179 correct responses

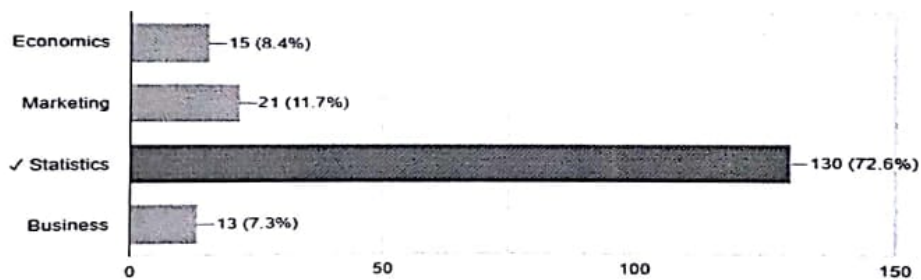
☐ Copy



8. Hypothesis testing is a part of

130 / 179 correct responses

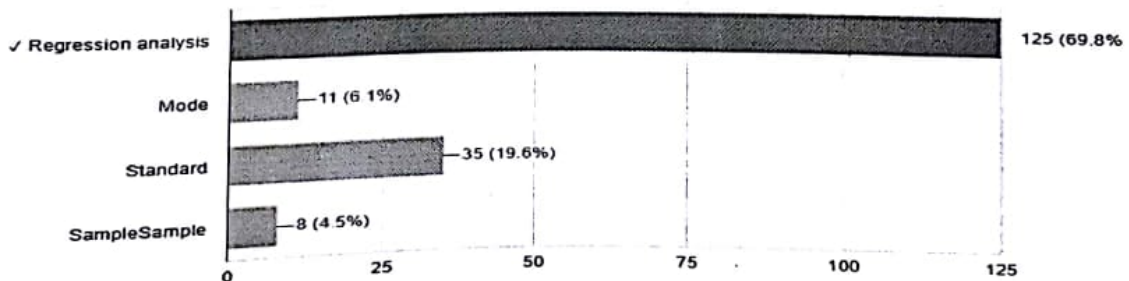
☐ Copy



9. Degree and direction of correlation is related to

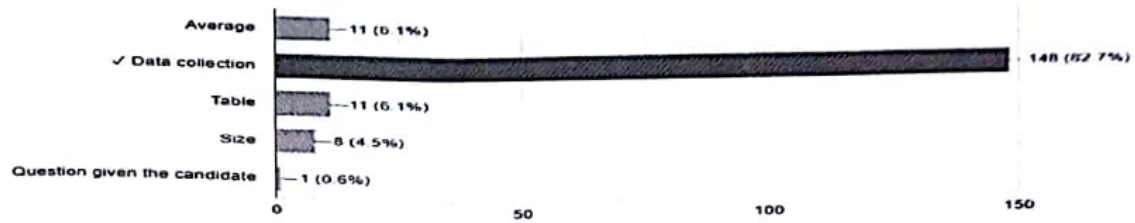
125 / 179 correct responses

☐ Copy



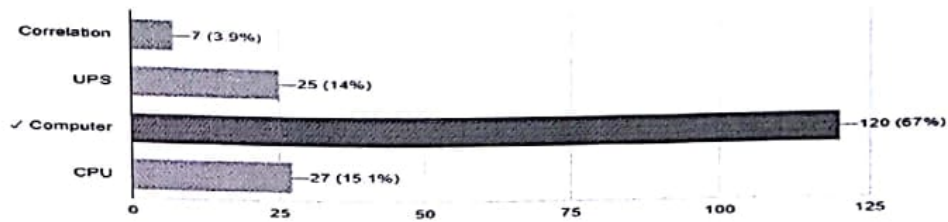
10. Questionnaire is used for
148 / 179 correct responses

☐ Copy



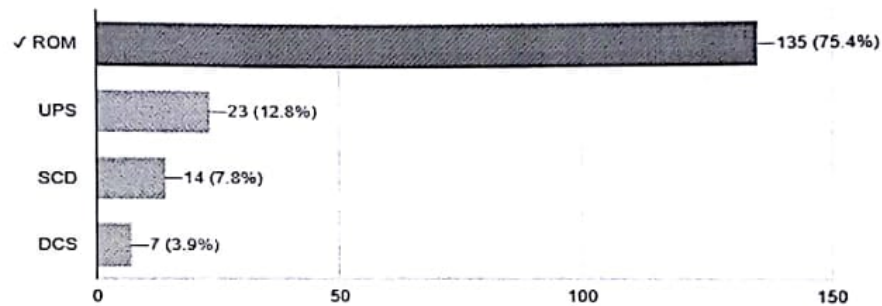
11. RAM is a _____ memory
120 / 179 correct responses

☐ Copy



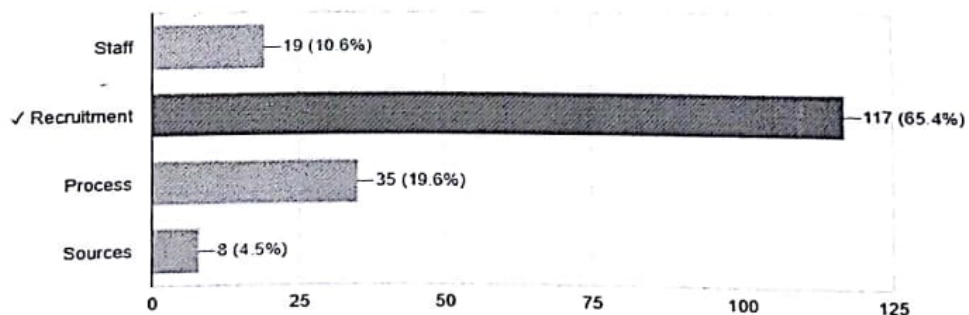
12. Which is a computer memory
135 / 179 correct responses

☐ Copy



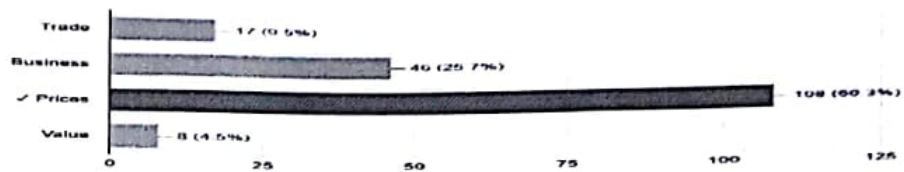
13. Which is a first step of appointment
117 / 179 correct responses

☐ Copy



15. Price flexibility policy is a policy of
108 / 179 correct responses

☐ Copy



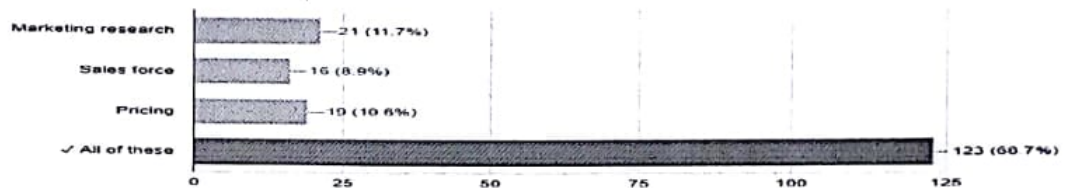
16. All trademarks are
123 / 179 correct responses

☐ Copy



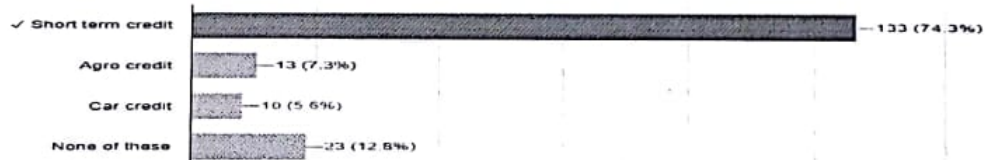
17. Marketing mix includes
123 / 179 correct responses

☐ Copy



18. Money market provides
133 / 179 correct responses

☐ Copy



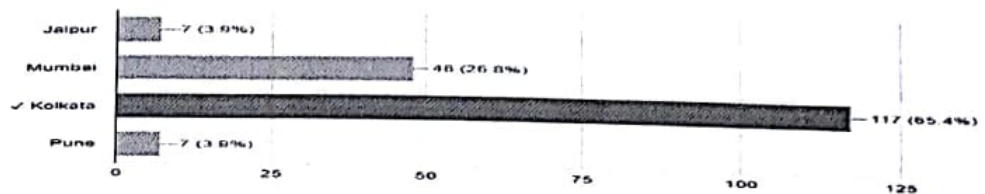
19. Which was established in 1935
139 / 179 correct responses

☐ Copy



20. Which is the first bank in the country was started at
117 / 179 correct responses

☐ Copy



NAAC: C (II CYCLE)

Cycle)

CHATRAPATHI SIVAJI TRI SATHA JAYANTHI (CSTS) GOVT. KALASALA



Enter to Learn - Leave to Serve

Jangareddigudem, Eluru Dist



Phone : 08821-225310, Visit us at : www.cstsgk.ac.in

E- Mail : jangareddigudem.manatv@gmail.com

WEBINARS, SEMINAR CONFERENCES, WORK SHOPS

S.NO	Date	Department	Webinars, Conferences, Work shops	Topic
1	23-08-2023	ENGLISH	WORKSHOP	An Effective Way of Teaching in English Medium
2	29-09-2023	TELUGU	INTERNATIONAL SEMINAR	Different trends in modern Telugu Literature
3	07-10-2023	COMMERCE/MATHEMATICS-COMPUTERS	NATIONAL CONFERENCE	Future Challenges and Opportunities in Cyber Security
4	17-10-2023	ECONOMICS	WORKSHOP	Self Help Groups
5	04-11-2023	HISTORY/POLITICAL SCIENCE	WORKSHOP	Nurturing Young Administrators
6	08-11-2023	MATHEMATICS	WEBINAR	Numerical Analysis
6	09-11-2023	ECONOMICS	WORKSHOP	Research Methodology
7	10-11-2023	COMMERCE	WORKSHOP	Role of Accounting in Nation Building
8	30-11-2023	BOTANY, ZOOLOGY, HORTICULTURE	NATIONAL SYMPOSIUM	New Trends in Biological Sciences
9	05-01-2024	CHEMISTRY	NATIONAL CONFERENCE	NANO Materials for next Generation

viadas.jurgutis@... N-LIST: National Rediffmail (1) WhatsApp aishwariya.gov.in/ais Download file CSTS GDC - You

youtube.com/channel/UC690xh8z4U9Kr4wiX3vCpnA

YouTube

Search

Home

Shorts

Subscriptions

CSTS GDC

@cstsgdc8613 · 445 subscribers · 1K videos

Welcome to CSTS Govt. Kalasala Youtube Channel. >

Subscribe

Home Videos Shorts Live Playlists Community

For You

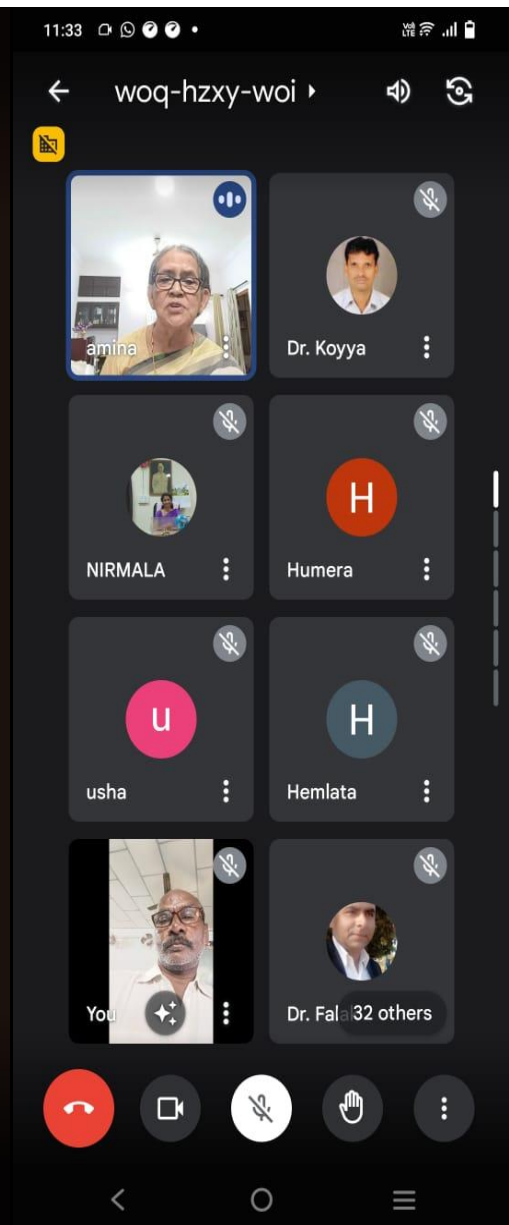
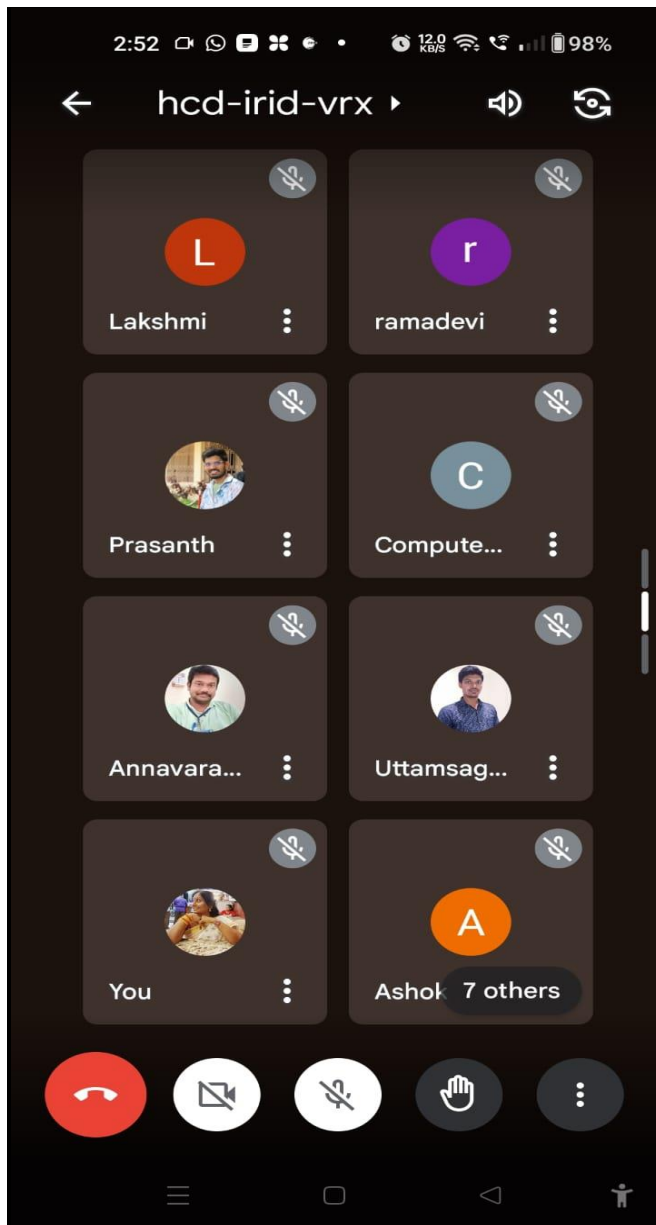
1:48:47

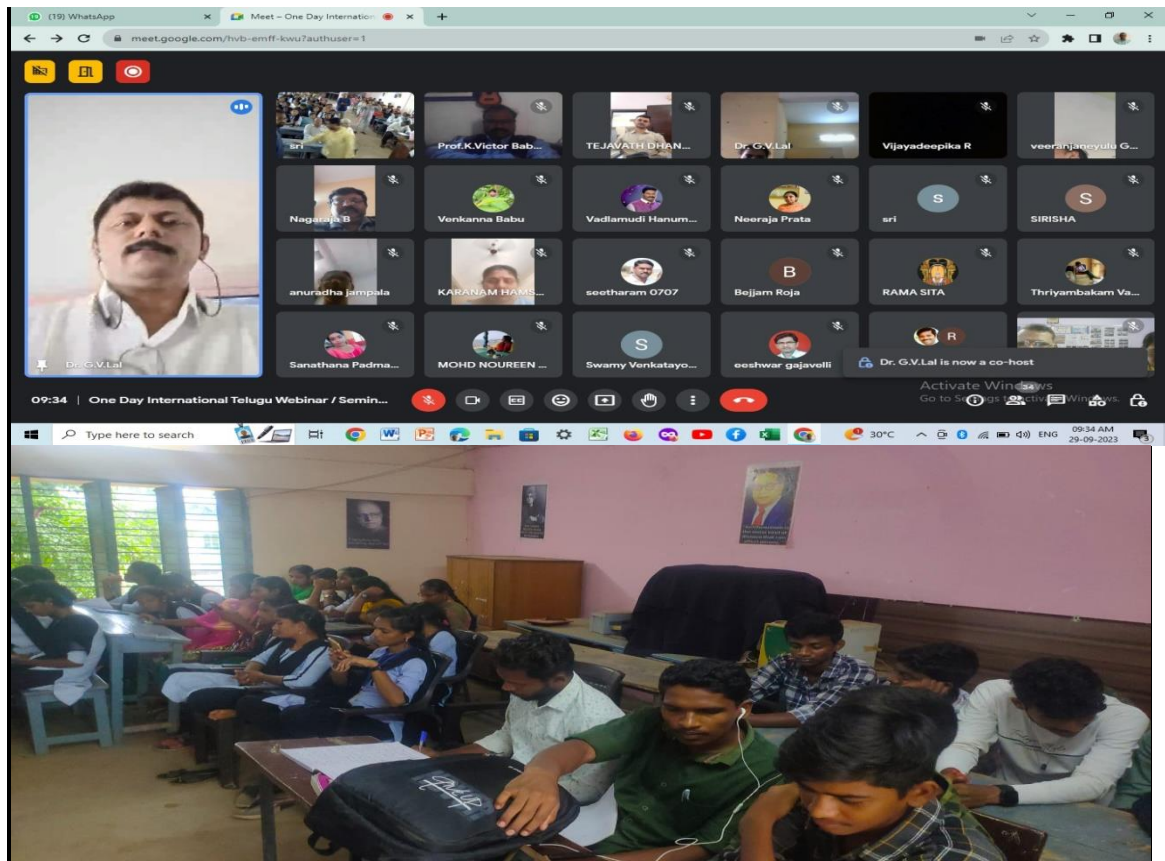
21:57

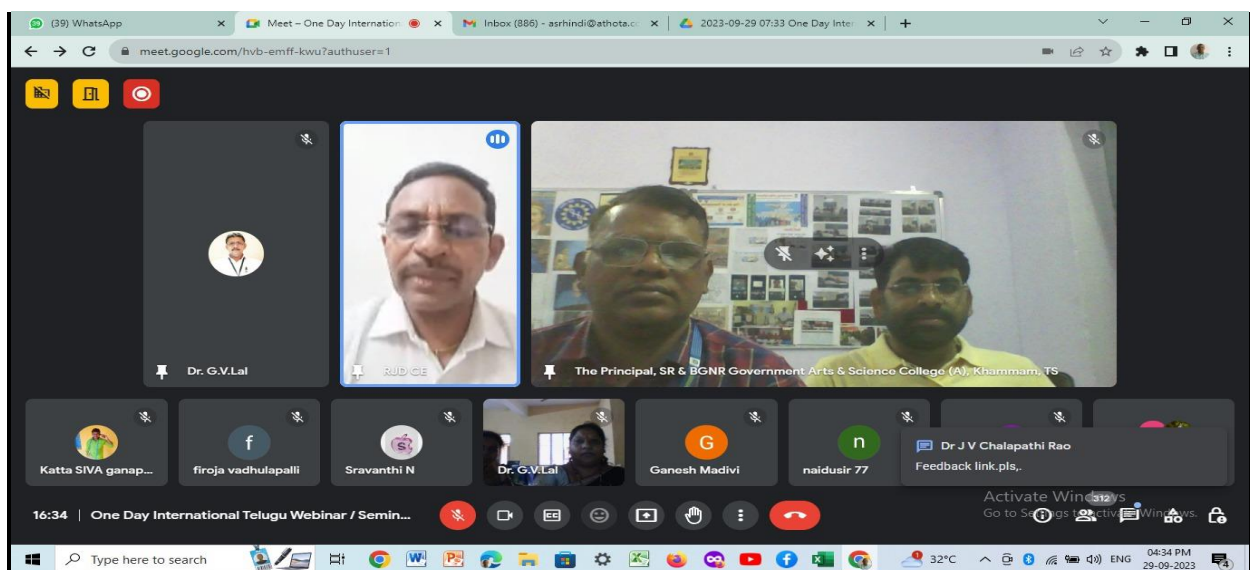
3:56

Windows Taskbar: 12:19 Saturday 17-02-2024



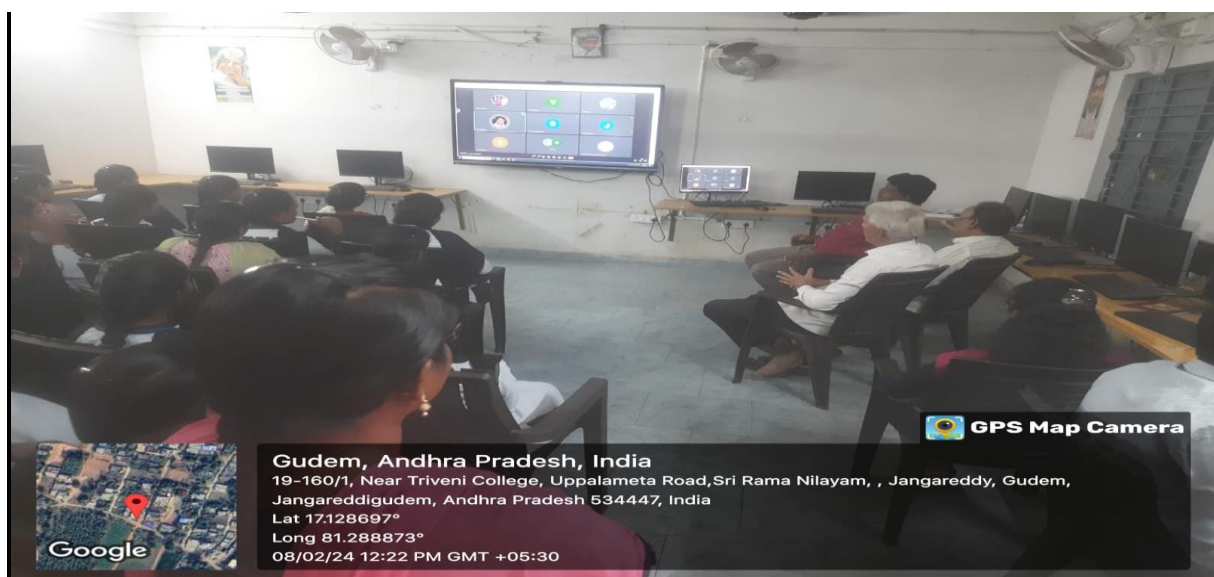














PINGLE GOVT COLLEGE FOR WOMEN(A),HANUMAKONDA
(Accredited by NAAC with A Grade& ISO 9001-2015 CERTIFIED COLLEGE)
(Permanently affiliated to Kakatiya University)



ONE DAY SEMINAR ON NUMARICAL ANALYSIS Dt: 8th November,2023

COLLABORATION WITH
DEPARTMENT OF MATHEMATICS
PGCW(A),HANAMKONDA

Organizers

Dr CH BADARI NARAYANA
LECTURER IN MATHEMATICS
CSTS GOVERNMENT KALASALA
JANGA REDDI GUEDEM
ELURU (DT)



Rersource person

Dr.B.Madhavi

BOS Chair person
Dept. Of Mathematics
PGCW(A),HNK



Jangareddigudem, Andhra Pradesh, India

12-13 CSTS GOVT DEGREE COLLEGE, Jangareddigudem, Andhra Pradesh 534447,

India

Lat 17.131206°

Long 81.289678°

05/01/24 11:59 AM GMT +05:30

GPS Map Camera



Jangareddigudem, Andhra Pradesh, India

12-13 CSTS GOVT DEGREE COLLEGE, Jangareddigudem, Andhra Pradesh 534447,

India

Lat 17.131206°

Long 81.289678°

05/01/24 11:44 AM GMT +05:30

GPS Map Camera





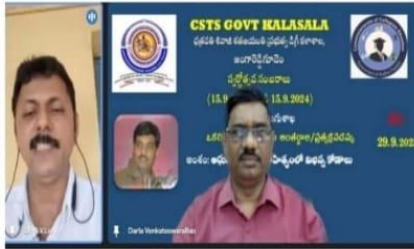
సామాజిక మార్పుకి నిదర్శనమే సాహిత్యంలో విభిన్న ధోరణులు

ఆచార్య దార్ల వెంకటేశ్వరరావు

భూమిపుత్ర , హైదరాబాద్ :

తెలుగు సాహిత్యంలో విభిన్న ప్రక్రియలు, విభిన్న ధోరణులు రావడమనేది సమాజంలో వస్తున్న మార్పులకు, ఒక ప్రజాస్వామిక ఆలోచనా ధోరణికి నిదర్శనమని, తెలుగు సాహితీవేత్తల ప్రతిభా పాటవాలకు పాఠకులు పట్టం కట్టడమేనని హెచ్.సి.యు తెలుగు శాఖ అధ్యక్షులు ఆచార్య దార్ల వెంకటేశ్వరరావు వ్యాఖ్యానించారు. శుక్రవారం నాడు జంగారెడ్డిగూడెంలోని ఛత్రపతి శివాజీ త్రిశత జయంతి ప్రభుత్వ డిగ్రీ కళాశాలలో "ఆధునిక తెలుగు సాహిత్యంలో విభిన్న ధోరణులు" అనే అంశంపై ఒకరోజు అంతర్జాతీయ సదస్సు లో అంతర్జాలం ద్వారా ఆచార్య దార్ల వెంకటేశ్వరరావు ముఖ్యపత్రికగా మాట్లాడారు. తెలుగు సాహిత్యం ఒకవైపు భారతీయ సమైక్యతను, సాంస్కృతిక వారసత్వాన్ని కొనసాగిస్తూనే, తెలుగు వారి అస్తిత్వాన్ని నిలుపుకుంటూ సామాజిక మార్పుని ఆహ్వానిస్తూ వివిధ సాహిత్య ధోరణులు వచ్చాయని ఆయన సోదాహరణంగా వివరించారు. వ్యాసుని భారతాన్ని తెలుగులో కవిత్రయం, వాల్మీకి రామాయణాన్ని వివిధ కవులు తెలుగులోకి అనువదించిన తేయంతో పాటు,

భాగవతం, మహాకవి కాళిదాసు రచనలు, ప్రబంధాలు, కావ్యాలు, తర్వాత కథలు, నవలలు, నాటకాలు, వచన కవిత్యం, మినీ కవిత్యం వంటి అనేక ప్రక్రియలు, రూపాల్లో ఎంతో వైవిధ్యంతో కూడిన సాహిత్యం వచ్చిందన్నారు. ఆధునిక వచన కవిత్యంలో వచ్చిన రూపపరమైన మార్పుల్లో మినీకవిత్యం, హైకూలు, నానీలు, నానోలు, ముక్తకాలు, టుట్రీలు, మొగ్గలు, రవ్వలు, రెక్కలు మొదలైన ప్రయోగాలు కనిపిస్తున్నాయని వాటిని సాహిత్యంలో నూతనత్వానికీ, మార్పుకీ, నూతన అభిరుచులకు ప్రాతినిధ్యంగా తీసుకోవాలని ఆచార్య దార్ల వ్యాఖ్యానించారు. ఈ కార్యక్రమంలో ముఖ్య అతిథిగా కమీషన్ ఆఫ్ కాలేజియట్ ఎడ్యుకేషన్ కమీషనర్ పోలాభాస్కర్ ఈ సదస్సులో సమర్పించడం ప్రసంగాలు, పరిశోధన వ్యాసాల సంచికను అవిష్కరించారు. ఈ కార్యక్రమంలో గౌరవఅతిథిగా జాయింట్ సెక్రటరీ డా.ఆర్.దేవిద్ కుమారస్వామి, రీజనల్ జాయింట్ డైరెక్టర్ డా.చక్రిడి కృష్ణ, కళాశాల ప్రిన్సిపాల్ డా.ఎన్.ప్రసాద్ బాబు, వైస్ చైర్మన్ డా.బి.శ్రీనివాసరావు, ఐక్యతా కోర్డినేటర్ డా.ఎం.మధు, సదస్సు నిర్వాహకులు, తెలుగుశాఖ అధ్యక్షులు డా.జి.వెంకట్ లాల్, సహా నిర్వాహకులు



పి.నాగేశ్వరరావు, ప్రధాన పత్రికగా వివిధ విశ్వవిద్యాలయాలు, కళాశాలలకు చెందిన నారాయణ స్వామి యాగి (న్యూఢెల్లీ), డా.కొట్లంపూడి శ్రీగణేశ్ (బర్మిన), ఆచార్య కొప్పుల ఈశ్వర్ బాబు (ఇథియోపియా), ఆచార్య విస్తాని శంకరరావు (చెన్నై), ఆచార్య గోనానాయక్, ఆచార్య చింతకింద కాశీం (హైదరాబాద్), ఆచార్య ఎ.జ్యోతి(పరంగల్), ఆచార్య ఎన్.కృష్ణారావు (గుంటూరు), డా.కెవిఎన్ డి ప్రసాద్, డా.టి. సత్యనారాయణ (రాజమహేంద్రవరం), ఆచార్య జోన్నలగడ్డ వెంకటరమణ (మద్రై), డా. బాసిన వెంకటస్వామి (విశాఖపట్టణం) తదితరులు పాల్గొని తెలుగు సాహిత్యంలోని విభిన్నధోరణుల గురించి ప్రసంగించారు.

మానికల్ రాంబాబు తెలియజేసారు

ఛత్రపతి శివాజీ త్రి శతజయంతి ప్రభుత్వ డిగ్రీ కళాశాల లో నేషనల్ కాన్ఫరెన్స్



అధ్యక్షంలో నిర్వహించడం జరిగింది. ఈ సమిపాది లో ఛత్రపతి శివాజీ త్రి శతజయంతి అండ్ అపర్చునిటీస్ ఇన్ ప్రెజర్ సెక్యూరిటీ అనే అంశం మీద కాన్ఫరెన్స్ నిర్వహణ జరిగింది. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ దాక్షర్ ఎన్ ప్రసాద్ బాబు అధ్యక్షత వహించారు. ప్రెసిపల్ దాక్షర్ ప్రసాద్ బాబు మాట్లాడుతూ ఈవారు ప్రెజర్ నేరాలు బాగా పెరగడంతో ఎంతోమంది అర్థికంగా నష్టాన్ని గురవుతున్నారు అన్నారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా కాలేజ్ డెవలప్మెంట్ కౌన్సిల్ మెంబర్ ఎం వెంకటేశ్వరరావు విద్యార్థులను చేతించి మాట్లాడారు. రిసోర్స్ పర్సన్ అనిల్ రాచమళ్ళు ఫౌండర్ ఎండ్ నౌ ఫౌండేషన్ క్రాం హైదరాబాద్ వాట్సాప్, టెన్సెట్, ఇమెయిల్ మొదలై పాకింగ్స్ వివిధంగా జరుగుతాయి రిసోర్స్ పర్సన్ శ్రీ కిరణ్ కుమార్ కందుల మాట్లాడుతూ యువత తమకు సంబంధించిన వ్యక్తిగత ఇన్ఫర్మేషన్ ని జాగ్రత్తగా ఉంచుకోవడం వల్ల ప్రెజర్ నేరాలు జరగకుండా అరికట్టవచ్చు అన్నారు. ఈ కార్యక్రమంలో మరొక రిసోర్స్ పర్సన్ శ్రీనివాస భూపాలపు పార్థుర్ చిఫ్ ఇన్ఫర్మేషన్ సెక్యూరిటీ అఫీసర్, పిఎఫ్ ఆర్ డి ఐ డైరెక్టర్ మాట్లాడుతూ ప్రెజర్ సెక్యూరిటీ ద్వారా ప్రెజర్ నేరాలని అరికట్టవచ్చు కోడింగ్ స్క్వేర్ ని పెంచుకోవాలి అని అన్నారు. ఈ కార్యక్రమంలో మరొక ప్రత్యేక విశిష్ట అతిథి కిరణ్ కుమార్ కందుల సెక్యూరిటీ స్క్వేరింగ్ ఇన్ డిజిటల్ సెనిమా అవరేషన్స్ మాట్లాడుతూ ఏ విధంగా వ్యక్తికి డి గురి అవుతుంది ఏ జాగ్రత్తలు మనం తీసుకోవాలి అనే అంశాన్ని గురించి వివరించారు. ఈ కార్యక్రమంలో ముఖ్య అతిథి అనిల్ కుమార్ ప్రెజర్ అండ్ సెక్యూరిటీ మాట్లాడుతూ ఈరోజు సమాజంలో యువతలో ఒక దురాచారం కల్పించి తద్వారా ప్రెజర్ నేరాలకు వూసుకుంటున్నారు అని అన్నారు. ఈ కార్యక్రమం దాక్షర్ పోలాభాస్కర్ బహుమతి కమిషనర్ ఆఫ్ కాలేజ్ ఎడ్యుకేషన్ ఆంధ్ర ప్రదేశ్ వారి ప్రసంగంతో ఈ కార్యక్రమం ప్రారంభమైంది. ఈ కార్యక్రమంలో కోడ్ షిఫ్ట్ టు రీజనల్ జాయింట్ డైరెక్టర్ దాక్షర్ చక్రిడి కృష్ణ అంతర్జాలం ద్వారా అధ్యక్షతవహించిన చేతారు ఈ కార్యక్రమంలో కళాశాల డిప్యూటీ ఆఫ్ కామర్స్ రిజర్వర్ దాక్షర్ కే ఉత్తమ సాగర్ సి. హెచ్ రమాదేవి కే వి వి శిరీష కళాశాల మ్యాథమెటిక్స్ డిప్యూటీ ఆఫ్ ట్రీనివాసరావు యు వెంకటారావులు కళాశాల ఐక్యతా కోర్డినేటర్ దాక్షర్ ఎం మధు దాక్షర్ వెంకట్ లాల్ మంయూ కాలేజ్ డిజింగ్ అండ్ నాన్ డిజింగ్ స్టూడెంట్ విద్యార్థిని విద్యార్థులు పాల్గొన్నారు

చిత్రపతి శివాజీ శ్రీ శతజయంతి ప్రభుత్వ డిగ్రీ కళాశాలలో నేషనల్ కాన్ఫరెన్స్

జంగారెడ్డిగూడెం, అక్టోబర్ 8 (గోదావరి విలేజ్) : సిఎన్టీఎస్ గవర్నమెంట్ కళాశాల జంగారెడ్డిగూడెం ఏలూరు జిల్లాలో కళాశాల స్వర్ణోత్సవ కార్యక్రమాలను పురస్కరించుకుని నేషనల్ కాన్ఫరెన్స్ నిర్వహించడం జరిగింది. డిపార్ట్మెంట్ ఆఫ్ కామర్స్, కంప్యూటర్ సైన్స్ మూడవదిక్స్ వారి అధ్యక్షంలో నిర్వహించడం జరిగింది. ఈ సెమినార్ లో పూర్వర చాటింగెస్ అండ్ ఆవర్చునిటీస్ ఇన్ సైబర్ సెక్యూరిటీ అనే అంశం మీద కాన్ఫరెన్స్ నిర్వహణ జరిగింది. ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎన్ ప్రసాద్ బాబు అధ్యక్షత వహించారు. ప్రెసిడెంట్ డాక్టర్ ప్రసాద్ బాబు మాట్లాడుతూ ఈనాడు సైబర్ నేరాలు బాగా పెరగడంతో ఎంతోమంది ఆర్థికంగా నష్టానికి గురవుతున్నారని అని అన్నారు. ఇలాంటి కార్యక్రమాలు జరిపించడం వల్ల విద్యార్థిని విద్యార్థిని ఈ సైబర్ నేరాలకు లోను అవకుండా ఉంటారని అన్నారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా కాలేజ్ డెవలప్మెంట్ కౌన్సిల్ మెంబర్ ఎం వెంకటేశ్వరరావు విద్యార్థులనుదేశించి మాట్లాడారు. రిసోర్స్ పర్సన్ అనీల్ రాధమ్మశౌంధర్ ఎండ్ నా శౌంధేష్ ప్రాం హైదరాబాద్ పాట్నాక్, పేన్స్క్, ఇమెయిల్ మొదలై హాకింగ్ వివిధంగా జరుగుతాయి వాటిని నివారించాలంటే ఏ విధమైన జాగ్రత్తలు తీసుకోవాలి అనే విషయాలు తెలిపారు. మరొక రిసోర్స్ పర్సన్ కిరణ్ కుమార్ కందుల మాట్లాడుతూ యువత తమకు సంబంధించిన వ్యక్తిగత ఇన్ఫర్మేషన్ ని జాగ్రత్తగా ఉంచుకోవడం వల్ల సైబర్ నేరాలు జరగకుండా అరికట్టవచ్చు అన్నారు. ఈ కార్యక్రమంలో మరొక రిసోర్స్ పర్సన్ అయినా శ్రీనివాస్ భూపారపు ఫార్మర్ చీఫ్ ఇన్ఫర్మేషన్ సెక్యూరిటీ అఫీసర్, ఎఎఫ్ ఆర్ డి ఐ డైరెక్టర్ మాట్లాడుతూ సైబర్ సెక్యూరిటీ ద్వారా సైబర్



నేరాలని అరికట్టవచ్చు కోడింగ్ స్కెల్స్ ని పెంచుకోవాలి అని అన్నారు. ఈ కార్యక్రమంలో మరొక ప్రత్యేక విశిష్ట అతిథి కిరణ్ కుమార్ కందుల సెక్యూరిటీ స్పెషలిస్ట్ ఇన్ డిజిటల్ సెనిమా ఆవరేషన్స్ మాట్లాడుతూ నేను మాట్లాడుతూ సినీ ఇండస్ట్రీలో సైరస్ సెని అరికట్టాలంటే ఏం చేయాలి ఎందువల్ల సినీమాలు సైరస్ సెని అవుతున్నాయి ఏ విధంగా హ్యాకర్స్ హాక్ చేస్తున్నారు నివారించాలంటే ఏ విధమైన టెక్నిక్ ఉపయోగించాలి నేడు డిజిటల్ రంగమంతా ఏ విధంగా హ్యాకింగ్ కి గురి అవుతుంది ఏ జాగ్రత్తలు మనం తీసుకోవాలి అనే అంశాన్ని గురించి వివరించారు. ఈ కార్యక్రమంలో ముఖ్య అతిథి అనీల్ కుమార్ సైబరల్ సైబరల్ మాట్లాడుతూ ఈరోజు సమాజంలో యువతలో ఒక రుదాశను కల్పించి తద్వారా సైబర్ నేరాలకు పూనుకుంటున్నారని అని అన్నారు కాబట్టి యువత ఏ దురాశలకు లోను కావద్దని ఆశలు ఎక్కువయ్యే కొద్దీ దుష్పరిణామాలకు గురికావలసి ఉంటుందని కాబట్టి అందరూ సైబర్ నేరాలపై అవగాహన కలిగి ఉండాలని అన్నారు. ఈ కార్యక్రమం డాక్టర్ పోలా భాస్కర్ ఐఎఎస్ కమిషనర్ ఆఫ్ కాలేజ్ ఎడ్యుకేషన్ ఆంధ్ర ప్రదేశ్ వారి ప్రసంగంతో ఈ కార్యక్రమం ప్రారంభమైంది. ఈ కార్యక్రమంలో జోన్ చీఫ్ అండ్ టు రీజన్ల జాయింట్ డైరెక్టర్ డాక్టర్ చమ్మిడి శృష్ట అంతర్జాలం ద్వారా అధ్యక్షఉపన్యాసం చేశారు ఈ కార్యక్రమంలో కళాశాల డిపార్ట్మెంట్ ఆఫ్ కామర్స్ లెఫ్టర్ డాక్టర్ కే ఉత్తమ సాగర్ సి. హెచ్ రమాదేవి కే వి వి శివ కళాశాల మూడవదిక్స్ డిపార్ట్మెంట్ సెనార్ బుద్ధి నారాయణ, కంప్యూటర్ సైన్స్ విభాగం రాజా కాంత్ కళాశాల వైస్ ప్రెసిడెంట్ బి శ్రీనివాసరావు యు. వెంకటాదార్యులు కళాశాల ఐక్యమిక్స్ కోఆర్డినేటర్ డాక్టర్ ఎం మధు డాక్టర్ వెంకట్ లాల్ మరియు కాలేజ్ డిజింగ్ అండ్ నాన్ డిజింగ్ స్టాఫ్ విద్యార్థిని విద్యార్థులు పాల్గొన్నారు.



ఘనంగా అంతర్జాతీయ పేదరిక నిర్మూలన దినోత్సవం

(తెలుగువార్తన్యూస్) జంగారెడ్డిగూడెం : మంగళవారం జంగారెడ్డిగూడెం శ్రీ చత్రపతి శివాజీ శ్రీ శతజయంతి ప్రభుత్వ డిగ్రీ కళాశాల లో డిపార్ట్మెంట్ ఆఫ్ ఎకనామిక్స్ శాఖ అధ్యక్షంలో అంతర్జాతీయ పేదరిక నిర్మూలన దినోత్సవం ఘనంగా జరుపుకున్నారు ఈ కార్యక్రమం కళాశాల స్వర్ణోత్సవాల సందర్భంగా ఈ కార్యక్రమాన్ని జంగారెడ్డిగూడెం స్వయం సహాయక బృందాలు (డోక్రా) గ్రూప్స్ మరియు తాడేపల్లిగూడెం వెంకట రామన్న గూడెం డాక్టర్ వైఎస్ రాజశేఖర్ రెడ్డి హోర్టికల్చర్ యూనివర్సిటీ మరియు మెప్పా ఏలూరు డిస్ట్రిక్ట్ వారి సౌజన్యంతో ఈ కార్యక్రమాన్ని రూపొందించారు ఈ కార్యక్రమానికి కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎన్ ప్రసాద్ బాబు అధ్యక్షత వహించి విద్యార్థులను ఉద్దేశించి మాట్లాడుతూ పేదరిక నిర్మూలన జరగాలంటే దానికి ప్రభుత్వ కార్యకలాపాలు ప్రభుత్వం చేపట్టిన వినుత్న కార్యక్రమాలు ప్రజలు తెలుసుకోవాలని మారుతున్న పరిస్థితులకు అనుగుణంగా వ్యవస్థలో మార్పు రావాలని ప్రతి వ్యక్తి పేదరిక నిర్మూలన చేయాలనే సంకల్పం దీక్ష బునాబి అన్నారు ఈ కార్యక్రమంలో వైఎస్సార్ హోర్టికల్చర్ యూనివర్సిటీ ప్రొఫెసర్ డాక్టర్ సుజాత మాట్లాడుతూ పేదరిక నిర్మూలన జరగాలంటే అది మన చేతిలోనే ఉందని మారుతున్న కాలానికి అనుగుణంగా ఉత్పత్తుల్లో



మార్పు తీసుకొచ్చి ఎక్కువ ధరకు వస్తువుల అమ్మడం వల్ల ఎక్కువ లాభాలు గడించాలని ఇలా చేయటం వల్ల స్వయం సహాయక బృందాలు అని అన్నారు భారతదేశం ప్రభుత్వం పేదరిక నిర్మూలనకు ప్రభుత్వం ఎన్నో పథకాలు రూపొందించింది మారుతున్న కాలాన్ని అర్థం చేసుకోవడం ద్వారా నూతన ఆర్థిక విధానం వైపు వెళ్లిస్తూ అన్నారు ఈ కార్యక్రమంలో మెప్పా జంగారెడ్డిగూడెం ఏరియా కన్వీనర్ పి నాగమణి మరియు ఏలూరు డిస్ట్రిక్ట్ కోఆర్డినేటర్ రత్నకుమారి విద్యార్థులనుదేశించి స్వయం సహాయక బృందాలను ఉద్దేశించి మాట్లాడారు ఈ కార్యక్రమంలో కళాశాల 9%అనంఎ% కోఆర్డినేటర్ డాక్టర్ ఎం మధు విద్యార్థులను ఉద్దేశించి ప్రసంగించారు.

స్థానిక ప్రభుత్వ డిగ్రీ నందు అకౌంటింగ్ డే సందర్భంగా కార్యశాల నిర్వహించడం జరిగింది



(తెలుగువార్తన్యూస్) జంగారెడ్డిగూడెం : స్థానిక చిత్రపతి ప్రభుత్వ డిగ్రీ కళాశాల నందు 10-11-2023 నాడు అంతర్జాతీయ అకౌంటింగ్ డే ని పురస్కరించుకొని కళాశాల కామర్స్ డిపార్ట్మెంట్ ఆధ్వర్యంలో కళాశాల ప్రిన్సిపాల్ డా. ఎన్. ప్రసాద్ బాబు గారి అధ్యక్షతన దేశ అభివృద్ధి లో అకౌంటింగ్ పాత్ర అనే అంశం పై కార్యశాల నిర్వహించడం జరిగింది. ఈ కార్యక్రమం లో వి. రవికిరణ్ చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ కామర్స్ కున్న గుర్తింపు గురించి రాబోయే రోజుల్లో అకౌంటింగ్ కి వచ్చే డిమాండ్ గురించి వివరించారు ఈ కార్యక్రమం లో భాగంగా కామర్స్ విద్యార్థులందరికీ ఉపయోగ పడాలనే ఉద్దేశంతో టాలీ విత్ జి ఎస్ టి మల్టీ యూజర్ సాఫ్ట్ వేర్ ను ఇవ్వటం జరిగింది. దాకారపు కృష్ణ చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ అకౌంటింగ్ కు , కామర్స్ కు ఉన్న వ్యత్యాసాన్ని గురించి, మార్కెటింగ్ గురించి వివరించటం జరిగింది. ఈ కార్యక్రమం లో భాగంగా బాలురకు రెస్ట్రెయిన్డ్ తయారు చేయిస్తానని హామీ

ఇవ్వటం జరిగింది. జి.వీరేంద్ర కుమార్ చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ టాలీ గొప్పతనం గురించి టెక్నాలజీ గొప్పతనాన్ని గురించి ఇటీవల కాలంలో వాడుతున్న చాట్ జీపీటీ, ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ బ్లాక్ చైన్ టెక్నాలజీ గురించి వివరించారు అకౌంటింగ్ డే ని పురస్కరించుకొని బి.కామ్ కంప్యూటర్ ల్యాబ్ కి నాలుగు ఫ్యాన్ ఫ్యాన్ లను ఇవ్వటం జరిగింది. కోటేశ్వరరావు గారు చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ జి ఎస్ టి గురించి ఇన్ కమ్ టాక్స్ ఫైరింగ్ గురించి వాటిని నేర్చుకుంటే బి.కామ్ విద్యార్థులకు కలిగే ప్రయోజనాలను గురించి వివరించారు. బి.కామ్ డిపార్ట్మెంట్ ఇన్చార్జ్ డా. కే. ఉత్తమ్ సాగర్ మాట్లాడుతూ బీకాం విభాగం నుంచి ఇలాంటి కార్యక్రమాలు నిర్వహించడం ఆనందంగా ఉందన్నారు. దీనిని ప్రతి ఒక్క విద్యార్థి ఉపయోగించుకొని దేశ నిర్మాణంలో అకౌంటింగ్ పాత్ర ఎంత ప్రధానమైనదో తెలుసుకోవాలన్నారు. కళాశాల ప్రిన్సిపల్ ఎన్.ప్రసాద్ బాబు మాట్లాడుతూ ఎప్పుడూ కాలేజీలో బి.కామ్ విద్యార్థుల శాతం మిగిలిన అన్ని గ్రూపుల కంటే ఎక్కువ అని విద్యార్థులు ఇలాంటి కార్యక్రమాల్ని నిర్వహించినప్పుడు వాటిని సద్వినియోగం చేసుకుని మంచి ప్రయోజకులుగా మారాలన్నారు. వక్రలుగా విచ్చేసిన అడిటర్స్ కి కళాశాల తరుపున ప్రత్యేక ధన్యవాదాలు తెలియజేశారు. ఈ కార్యక్రమంలో బి.కామ్ విభాగం నుంచి శ్రీమతి సిహెచ్ రమాదేవి, కె వి వి శిరీష కళాశాల వైస్ ప్రిన్సిపల్ బి. శ్రీనివాసరావు కార్యక్రమ నిర్వహణ కమిటీ తరపున పి. ఎస్. రావు ఇతర అధ్యాపక అధ్యాపకేతర సిబ్బంది బీ.కాం విద్యార్థులు పాల్గొన్నారు.

తెలుగు సాహిత్య ఔన్నత్యాన్ని చాటుదాం

జంగారెడ్డిగూడెం, న్యూస్టుడే: తెలుగు సాహిత్యం ఔన్నత్యాన్ని ప్రపంచానికి చాటుదామని ఆదికవి నన్నయ విశ్వవిద్యాలయం తెలుగు విభాగం ఆచార్యుడు తరపట్ల సత్యనారాయణ అన్నారు. జంగారెడ్డిగూడెం సీఎస్టీఎస్ ప్రభుత్వ డిగ్రీ కళాశాలలో శుక్రవారం 'తెలుగు సాహిత్యం.. విభిన్న కోణాలు' అనే ఆంశంపై ఆంతర్జాతీయ వెబినార్ నిర్వహించారు. తెలుగు ఆధ్యాపకుడు డాక్టర్ వెంకటేశ్వర్ ఆధ్వర్యంలో నిర్వహించిన ఈ కార్యక్రమంలో పాల్గొన్న సత్యనారాయణ మాట్లాడుతూ తెలుగు సాహిత్యంలోని జానపదాన్ని మరింత ప్రాచుర్యంలోకి తెవాలన్నారు. ఉన్నత విద్య కమిషన్ పోలా



ప్రసంగిస్తున్న సత్యనారాయణ

భాస్కర్ వర్చువల్ విదానంలో వెబినార్ను ప్రారంభించారు. వివిధ విశ్వవిద్యాలయాల ఆచార్యులు ఉపన్యసించారు. ఉన్నత విద్య రాజమహేంద్రవరం ఆర్డీ డాక్టర్ చప్పిడి కృష్ణ ముగింపు ఉపన్యాసం ఇచ్చారు.

ప్రభుత్వ డిగ్రీ కళాశాల నందు అంతర్జాతీయ అకౌంటింగ్ డే కార్యశాల



జంగారెడ్డిగూడెం నవంబర్ 11 (గోదావరి విలేఖరి) ఏలూరు జిల్లా జంగారెడ్డిగూడెం చక్రవర్తి ప్రభుత్వ డిగ్రీ కళాశాల నందు అంతర్జాతీయ అకౌంటింగ్ డే ని పురస్కరించుకొని కళాశాల కామర్స్ డిపార్ట్మెంట్ అధ్యక్షులలో కళాశాల ప్రిన్సిపాల్ డా. ఎస్. ప్రసాద్ బాబు అధ్యక్షతన దేశ అభివృద్ధి లో అకౌంటింగ్ పాత్ర అనే అంశం పై కార్యశాల నిర్వహించడం జరిగింది. ఈ కార్యక్రమంలో వి. రవిశిరీష చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ కామర్స్ కున్న గుర్తింపు గురించి రాబోయే రోజుల్లో అకౌంటింగ్ కి వన్నే డిమాండ్ గురించి వివరించారు ఈ కార్యక్రమంలో భాగంగా కామర్స్ విద్యార్థులందరికీ ఉపయోగ పడాలనే ఉద్దేశంతో టాబీ విత్ డి ఎస్ టి మట్రి యూజర్ సాఫ్ట్ వేర్ ను ఇవ్వటం జరిగింది. దాకారపు కృష్ణ చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ అకౌంటింగ్ కు, కామర్స్ కు ఉన్న వ్యత్యాసాన్ని గురించి, మార్కెటింగ్ గురించి వివరించటం జరిగింది. ఈ కార్యక్రమంలో భాగంగా బాలురకు రెస్ట్ రూమ్స్ తయారు చేయిస్తానని హామీ ఇవ్వ

టం జరిగింది. జి.వీరేంద్ర కుమార్ చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ టాబీ గొప్పతనం గురించి టెక్నాలజీ గొప్పతనాన్ని గురించి ఇటీవల కాలంలో వారుతున్న చాట్ జీపీటీ, ఆర్టిఫిషిల్ ఇంటెలిజెన్స్ బ్లాక్ చైన్ టెక్నాలజీ గురించి వివరించారు అకౌంటింగ్ డే ని పురస్కరించుకొని బి.కామ్ కంప్యూటర్ ల్యాబ్ కి నాలుగు ఫ్లాస్ ఫ్లాస్ లను ఇవ్వటం జరిగింది. కోటేశ్వరరావు చార్టెడ్ అకౌంటెంట్ మాట్లాడుతూ డి ఎస్ టి గురించి ఇన్ కమ్ టాక్స్ ఫైలింగ్ గురించి వాటిని నేర్చుకుంటే బి.కామ్ విద్యార్థులకు కలిగే ప్రయోజనాలను గురించి వివరించారు. బి.కామ్ డిపార్ట్మెంట్ ఇన్చార్జ్ డా. కే. ఉత్తమ్ సాగర్ మాట్లాడుతూ బీకాం విభాగం నుంచి ఇలాంటి కార్యక్రమాలు నిర్వహించడం ఆనందంగా ఉందన్నారు. డీనిని ప్రతి ఒక్క విద్యార్థి ఉపయోగించుకొని దేశ నిర్మాణంలో అకౌంటింగ్ పాత్ర ఎంత ప్రధానమైనదో తెలుసుకోవాలన్నారు. కళాశాల ప్రిన్సిపల్ ఎస్. ప్రసాద్ బాబు మాట్లాడుతూ ఎప్పుడూ కాలేజీలో బి.కామ్ విద్యార్థుల శాతం మిగిలిన అన్ని గ్రూపుల కంటే ఎక్కువ అని విద్యార్థులు ఇలాంటి కార్యక్రమాల్ని నిర్వహించినప్పుడు వాటిని నడిపిస్తామని చెనుకుని మంచి ప్రయోజకులుగా మారాలన్నారు. వక్రలుగా విచ్చేసిన ఆడిటర్స్ కి కళాశాల తరుపున ప్రత్యేక ధన్యవాదాలు తెలియజేశారు. ఈ కార్యక్రమంలో బి.కామ్ విభాగం నుంచి శ్రీమతి సిహెచ్ రమాదేవి, కె వి వి శిరీష కళాశాల వైస్ చైర్మన్లలో బి. శ్రీనివాసరావు కార్యక్రమ నిర్వహణ కమిటీ తరపున పి. ఎస్. రావు ఇతర అధ్యాపక అధ్యాపకేతర సిబ్బంది బీ.కాం విద్యార్థులు పాల్గొన్నారు.

ప్రభుత్వ డిగ్రీ కళాశాల నందు

జీవ శాస్త్రాలలో కొత్త పాఠకడలపై సదస్సు

జంగారెడ్డిగూడెం నవంబర్ 30 (గోదావరి విలేఖరి) : ఏలూరు జిల్లా జంగారెడ్డిగూడెం చక్రవర్తి శివాజీ శ్రీ శతజయంతి ప్రభుత్వ డిగ్రీ కళాశాల నందు గురువారం నాడు వృక్ష శాస్త్రము జంతు శాస్త్రము ఉద్యాన శాస్త్ర విభాగాలు కలిసి సదస్సు నిర్వహించడం జరిగింది. ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డా. ఎస్. ప్రసాద్ బాబు మాట్లాడుతూ బయోలాజికల్ సైన్స్ ప్రాముఖ్యతను గురించి వివరించారు. డీనితో పాటు 23 పేదర్లు ప్రచురితమైన జర్నల్ ని రిసోర్స్ పర్సన్స్ తో కలిసి అవిష్కరించడం జరిగింది. ఈ కార్యక్రమంలో రిసోర్స్ పర్సన్స్ చార్టర్ డి. శ్రీధర్ అసిస్టెంట్ ప్రొఫెసర్, ఆదికవి సన్మయ్య యూనివర్సిటీ మాట్లాడుతూ బయో డైవర్సిటీ గురించి అత్యుత్తమ గురించి వేలవ పెంపకంలో సుస్థిర అభివృద్ధి గురించి వివరించారు. డా. డి.సుజాత ఆర్ట్స్ కాలేజీ రాజమండ్రి మానవుని ఆరోగ్యంలో సూక్ష్మజీవుల పాత్ర వి విధంగా ఉంటుంది అనే అంశం గురించి వివరించారు. డా. జె.రాముడు లక్ష్మిరెడ్డి హనమిరెడ్డి ప్రభుత్వ డిగ్రీ కళాశాల మైలవరం వృక్ష శాస్త్ర అధ్యాపకులు మాట్లాడుతూ వివత్తులో ఉన్న వృక్షజాతులు గురించి వాటిని రక్షించుకోవాలంటే మనం ఏ విధమైన చర్యలు తీసుకోవాలి అనే అంశం గురించి వివరించారు. డా. జి. సౌజన్య తిరువళ్లూరు యూనివర్సిటీ అసిస్టెంట్ ప్రొఫెసర్ జీవ సాంకేతిక శాస్త్ర విభాగం మాట్లాడుతూ



అనువర్తిత జీవశాస్త్రంలో ప్రస్తుత పరిణామాలు గురించి వివరించారు. డా. యు. వి. ప్రసాద్ నేరశాస్త్ర విభాగంలో పిసిఆర్ మరియు డిఎన్ఎ ఫింగర్ ప్రింటింగ్ గురించి వివరించడం జరిగింది. ఈ కార్యక్రమంలో వృక్ష శాస్త్ర విభాగం నుంచి డి. రూప్సి రాణి, జంతు శాస్త్ర విభాగం నుంచి ఆర్. విజయ దీపిక, ఉద్యానవన శాస్త్ర విభాగం నుంచి సిహెచ్.వెంకటలక్ష్మి, కళాశాల వైస్ చైర్మన్లలో బి. శ్రీనివాసరావు, కళాశాల ఐక్యా ఏసి కోఆర్డినేటర్ డా. ఎమ్.మధు, కార్యక్రమ నిర్వహణ కమిటీ పి.ఎస్.రావు, యు.వెంకటాచార్యులు, డా. సిహెచ్. బదర్ నారాయణ, ఇతర అధ్యాపక అధ్యాపకేతర సిబ్బంది కళాశాల సైన్స్ విభాగ విద్యార్థులు పాల్గొన్నారు.



Cover Page



CRYPTOCURRENCY AND BLOCK CHAIN SECURITY

Shaik. Asha and Koppula Ajay

2nd Bcom [Computers]

CSTS Govt Degree Kalsala, Jangareddigudem

Abstract

Cryptocurrency is a digital or virtual form of currency that uses cryptography for security. It operates independently of a central authority, such as a government or bank, and relies on a technology called blockchain for its operation and security. Blockchain is a distributed ledger technology that records all transactions across a network of computers in a way that is secure, transparent, and tamper-resistant. Here's how blockchain security works

INTRODUCTION

Cryptocurrency and blockchain security are essential aspects of the rapidly evolving digital financial landscape. Let's start with some key concept

ADAVANTAGES:

- **Cryptocurrency:** Cryptocurrency is a digital or virtual form of currency that uses cryptography for security. Bitcoin, Ethereum, and many others are examples. They enable secure and decentralized transactions.
- **Blockchain:** A blockchain is the underlying technology behind cryptocurrencies. It's a distributed ledger that records all transactions across a network of computers. Once a transaction is added to the blockchain, it's virtually immutable.
- **Now, let's delve into security:**
- **Cryptography:** Cryptography ensures the confidentiality and integrity of transactions. It encrypts data, making it unreadable without the proper keys. Public and private keys are used to secure crypto currency wallets and transactions.
- **Decentralization:** Block chain operates on a decentralized network of nodes, reducing the risk of a single point of failure or control. This makes it resistant to censorship and fraud.
- **Consensus Mechanisms:** Crypto currencies rely on consensus mechanisms like Proof of Work (PoW) or Proof of Stake (PoS) to validate transactions. These mechanisms prevent double-spending and maintain the integrity of the blockchain.



Cover Page



- **Wallet Security:** Users must safeguard their cryptocurrency wallets and private keys. Hardware wallets, paper wallets, and secure software wallets are common options. Losing access to your keys can result in loss of funds.
- **Smart Contract Audits:** Blockchain platforms like Ethereum allow for the creation of smart contracts. Auditing these contracts is crucial to identify vulnerabilities and prevent exploits.
- **Phishing and Scams:** Beware of phishing websites and scams targeting cryptocurrency users. Always verify the authenticity of websites and offers.
- **Regulatory Compliance:**
 - Be aware of the legal and tax implications of cryptocurrency transactions in your jurisdiction. Compliance is essential to avoid legal issues.
- **Cold Storage:** For long-term storage, consider cold storage options that keep your cryptocurrency offline, away from potential online threats.
- **Multi-Signature Wallets:** Some wallets support multi-signature functionality, requiring multiple keys to authorize transactions, enhancing security.
- **Security Updates:** Stay informed about updates and security patches for the blockchain software and wallet applications you use.
- **Security in the cryptocurrency and blockchain space** is an ongoing concern. It requires users to stay vigilant, adopt best practices, and adapt to evolving threats to protect their digital assets effectively
- **Cryptocurrency and blockchain technology** have revolutionized the way we think about money, transactions, and security. Cryptocurrencies like Bitcoin and Ethereum offer a decentralized and secure way to transfer value digitally, while blockchain serves as the underlying technology that makes it all possible.
- In this evolving landscape, understanding the principles of cryptocurrency and blockchain security is crucial. This includes grasping concepts such as cryptography, decentralization, consensus mechanisms, wallet security, and the importance of staying vigilant against scams and fraud.
- As you explore this fascinating realm, you'll discover how these innovations are reshaping finance, business, and beyond, and how you can navigate this digital frontier securely to harness its potential benefits.
- disadvantage
- Certainly, let's explore the advantages and disadvantages of cryptocurrency and blockchain technology:

In the past few years, Blockchain security has taken the world by storm. Its ability to create a secure and tamper-proof network for transactions has made it an incredibly valuable tool. Blockchain technology was first developed in 2008 for the cryptocurrency Bitcoin. However, the potential applications of Blockchain extend far beyond cryptocurrencies. Today, blockchains are being used for everything from supply chain management to identity verification.



Cover Page



Blockchain technology is revolutionizing the world as we know it. But with great power comes great responsibility- and this is especially true when it comes to Blockchain security. In this post you will know about Blockchain security, from the basics to more advanced concepts. We will also provide tips on how to stay safe while using Blockchain technology. Also, you can consider taking an online Blockchain technology course to pump up your Blockchain security knowledge and skills.

Basic Blockchain Security

When it comes to security, Blockchain technology is often lauded for its tamper-proof and distributed ledger features. However, it's important to remember that no system is completely secure. In order to ensure the safety of your data, it's crucial to understand the basics of Blockchain security.

One of the key advantages of Blockchain is that it allows decentralized control. There is no central authority that can be hacked or taken offline. Instead, the network is made up of nodes, each of which stores a copy of the Blockchain. In order for a hacker to tamper with the Blockchain, they would need to hack every single node in the network - an extremely difficult feat.

Another important security feature of Blockchain is its cryptographic hashing. This allows each block in the chain to be uniquely identified and linked to the previous block. As a result, it's nearly impossible to insert bogus data into the Blockchain without raising suspicion. Any attempt to do so would require not only changing the data in the block, but also all subsequent blocks - an impractical task for even the most skilled hacker.

While Blockchain technology is certainly impressive from a security standpoint, it is important to remember that no system is impenetrable and there are some Blockchain security vulnerabilities as well. Thus, to protect your data, it is important to take basic security precautions as discussed further.

How is Blockchain Used for Security?

A Blockchain is a shared database that is managed by a network of computers rather than a single party. This decentralized structure allows for increased transparency and security, as each party on the chain can verify every transaction against the entire history of the Blockchain.

The key to understanding how Blockchain works is to think of it as a digital ledger. In traditional ledgers, transactions are recorded and managed by a central authority, such as a bank or government. In contrast, blockchains are decentralized, meaning that there is no central authority managing the ledger. Instead, the ledger is shared among all parties on the chain.



Cover Page



Each time a new transaction occurs, it is recorded on the Blockchain. These transactions are then verified by all parties on the chain using complex mathematical algorithms. Once a transaction is verified, it cannot be changed or deleted. This creates a permanent and secure record of all transactions that have ever occurred on the Blockchain.

The decentralized nature of blockchains makes them particularly well-suited for applications that require increased transparency and security, such as financial transactions or supply chain management.

Thus, blockchains are still one of the most promising new technologies to emerge in recent years. This is why there is a high jump in applicants looking for Blockchain security jobs and projects. With their ability to provide increased security and transparency, they have the potential to revolutionize many industries and change the way we interact with technology in our everyday lives.

Blockchain Types and Security Threats

There are 4 types of Blockchain namely:

1. Public Blockchain

Public blockchains, such as Bitcoin, are open to anyone. Anyone can view the transaction history and create new transactions. Public blockchains are decentralized and secure, but they can be slow and expensive. Because public blockchains are open and accessible to anyone, they are often more secure than private or permissioned blockchains. This is because it is much more difficult for bad actors to achieve a 51% attack on a public Blockchain than it is on a private blockchain.

2. Private Blockchain

It is a distributed database that allows only approved members to have access to the data and perform transactions. Private Blockchains are usually permissioned, meaning that there is a central authority that controls who has access to the network. This contrasts with public Blockchains, such as Bitcoin, which anyone can join.

Private Blockchains are often used by businesses or other organizations where security and privacy are paramount. Since only approved members have access to the data, it is more difficult for hackers to breach the network. In addition, transactions on a private Blockchain can be carried out faster than on a public Blockchain, since there is no need to wait for consensus from all members of the network.

Private Blockchains are sometimes considered less secure, as they rely on a single entity to maintain security. This means that if the entity is compromised, the entire network can be disrupted.



Cover Page



3. Hybrid Blockchain

It is a type of Blockchain that combines the features of both public and private blockchains. A hybrid Blockchain can be customized, where users can decide who can take part within the Blockchain or which transactions are made public. A hybrid Blockchain has the benefits of both public and private blockchains.

The security drawback is that maintaining a real-time record of all users' preferences becomes very difficult for the central authority. This is why many reputable websites offer Blockchain security certification for free to help users enlighten about various security issues and give them basic related skills.

4. Consortium Blockchain

Consortium blockchains include known participants preapproved to participate in the consensus by a central authority within a Blockchain network. A consortium Blockchain allows only pre-selected nodes to participate in the consensus process. Consortium blockchains are often used in business settings where there is a need for increased security and speed, but where decentralization is not a priority.

For example, a group of banks may use a consortium Blockchain to streamline their back-end operations. By pre-selecting who can participate in the network, they can be sure that only trusted actors are able to access sensitive data. This can help to improve efficiency while still maintaining security. Coming to security, they are less secure than public blockchains and more secure than private ones.

How Fraudsters Attack Blockchain Technology?

Blockchain and data security are always a topic of concern for users. Blockchain technology also deals with security vulnerabilities, and it is vulnerable to four types of attacks: phishing, routing, Sybil, and 51% attacks.

1. Phishing

A phishing attack is a type of cyberattack where an attacker impersonates a trusted entity in order to trick victims into revealing sensitive information, such as login credentials or financial information. Phishing attacks are often used to steal cryptocurrency from victims by sending them fake links that redirect them to malicious websites designed to look like legitimate exchanges or wallets.

These websites will then prompt the user to enter their login credentials, which the attacker can then use to gain access to their account and steal their cryptocurrency. This is why Blockchain security salary is high in many different countries because the engineers and developers have to work really hard to avoid Phishing.



Cover Page



2. Routing Attack

Another type of attack that can occur in Blockchain technology is a routing attack. This is when hackers intercept data as it's transferring to internet service providers. By doing this, they can disrupt the network and prevent transactions from being completed.

Routing attacks can be difficult to detect and prevent, but there are some measures that can be taken. For example, data can be encrypted before it's sent, and node operators can monitor their networks for suspicious activity. If possible, try to hire the best crypto auditors to be on the safe side.

3. Sybil Attack

A Sybil attack is a type of Blockchain attack where hackers create and use many false identities to crowd the network and crash the system. This can be done by creating multiple accounts, computers, or ids. Sybil attacks can reduce confidence in the Blockchain, as well as lead to financial losses. In order to prevent a Sybil attack, it is important to have strong security measures in place. This may include using digital signatures or ids, as well as maintaining a list of known ids.

4. 51% Attack

A 51% attack is a type of Blockchain attack where a group of miners or a single miner controls more than 50% of the network's mining power. This control allows them to manipulate the ledger, which could lead to double-spending or other types of fraud. While 51% attacks are very rare, they are a serious security concern for Blockchain security. In order to protect against them, it is important for Blockchain networks to have a large and decentralized mining community.

These are just a few of the many ways that can impact Blockchain cybersecurity and cause harm.

Blockchain Security for the Enterprise

As enterprises increasingly explore the use of Blockchain technology, security concerns must be addressed to ensure that data is protected. There are several security controls that should be considered when implementing a Blockchain solution for an enterprise.

Identity and access management (IAM) is important to ensure that only authorized users have access to the system.

Key management is also critical, as private keys are needed to sign transactions and unlock data.

Data privacy must be considered to protect sensitive information from being accessed by unauthorized individuals.

Secure communication must be established between nodes in order to prevent eavesdropping or man-in-the-middle attacks.



Cover Page



Smart contract auditing is also essential to prevent vulnerabilities that could be exploited by attackers. An authentic smart contract auditing service helps enterprises launch and maintain their Blockchain applications. Finally, transaction endorsement can help increase a Blockchain's security by requiring multiple parties to sign off on each transaction.

Blockchain Penetration Testing

Blockchain technology is gaining traction in various industries, from banking and finance to healthcare and supply chain management. Interested learners can even opt for Blockchain Solution Architect training to understand the basics of blockchain architecture and design an application.

As the use of Blockchain grows, so does the need for effective penetration testing services. Blockchain penetration testing helps assess Blockchain applications' security and identify vulnerabilities that attackers could exploit.

Functional testing, performance testing, API testing, security testing, and integrating testing are all essential components of effective Blockchain penetration testing. During a penetration test, ethical hackers attempt to identify and exploit vulnerabilities in the system. This helps to find and fix potential exploits before criminals can use them.

What are Blockchain Security Testing Tools?

There are several Blockchain Security testing tools available on the market today. Here is a brief overview of some of the more popular options:

Truffle –Truffle is a popular Ethereum development framework with a suite of tools for testing and debugging smart contracts.

Ganache – Ganache is a personal Ethereum Blockchain that can be used for testing and development. It includes a user interface for interacting with smart contracts.

TestRPC – TestRPC is a Node.js-based simulator for Ethereum smart contracts. It allows you to test contracts on a simulated Ethereum network.

MythX – A smart contract security analysis

SWC-registry – Test cases and Smart contract weakness classification

Oyente – A static analysis tool

Manticore – A symbolic execution tool

SmartCheck – Static smart contract security analyzer.

Securify 2.0 –A security scanner

Surya – A utility tool

Solgraph – Generates a DOT graph and highlights potential security vulnerabilities.



Cover Page



Octopus – A security analysis framework

Solidity security blog – involves a detailed list of bugs, vulnerabilities, crypto-related hacks, and preventative measures.

These are just some of the most popular Blockchain Security testing tools. There are many others available, each with its unique features and capabilities. Choosing the right tool for your needs will depend on the specific requirements of your project.

Blockchain Security Tips and Best Practices

There are certain Blockchain security tips and practices that apply to everyone:

1. Implementing Two-factor Authentication

One of the most important aspects of security in the Blockchain space is two-factor authentication (2FA). Implementing 2FA adds an extra layer of security to your online accounts by requiring a second factor, in addition to your password, to log in. This second factor can be a one-time code generated by an authenticator app, a hardware token, or a biometric factor like your fingerprint or iris scan.

While 2FA is not foolproof, it significantly increases the security of your online accounts and should be used whenever possible. In the Blockchain space, 2FA is especially important due to the high value of digital assets and the often-irreparable damage that a hack or theft can cause. Also, try to find reputable Blockchain security audit companies that can identify any loopholes in the system and eliminates any vulnerabilities.

2. Allow Listing Trusted Senders and Recipients

One of the best things you can do to secure your Blockchain platform is to allow only trusted senders and receivers. This may seem like a no-brainer, but it's incredibly important. By allowing only trusted entities to interact with the Blockchain, you can dramatically reduce the chances of malicious activity. Of course, this doesn't mean you should never allow new entities onto the Blockchain.

Rather, it simply means that you should be very careful about who you allow access to. Take the time to verify the identity of each sender and receiver identity, and ensure they are credible before allowing them onto the network.

3. Keep your Software Up to Date

That means installing security updates and patching any vulnerabilities as soon as they are discovered. By staying on top of the latest security threats, you can help ensure that your Blockchain network remains safe and secure. Additionally, it's important to choose a reputable and reliable provider for your Blockchain security needs. Look for a provider with a proven track record of keeping their networks safe and secure.



Cover Page



4. Using VPNs - Virtual Private Network

While the use of VPNs is not new, it is gaining popularity due to increased awareness of online security threats. A VPN is a secure, encrypted connection between two devices. This connection can tunnel data traffic through an untrusted network like the internet.

By encrypting the data traffic, a VPN can help to protect your information from malicious actors. In addition, a VPN can also help to improve your privacy by hiding your real IP address and location. While there are many different VPN providers to choose from, selecting a reputable provider with strong encryption and security features is important.

5. Use Anti-Phishing Tools

Phishing attacks are becoming increasingly common and can be difficult to detect and prevent. An anti-phishing tool can help to identify and block phishing attempts, keeping your Blockchain safe. Additionally, it's important to be aware of the signs of a phishing attack. Be suspicious of any email or message that asks you to click on a link or provide personal information. If you are skeptical about the legitimacy of an email, contact the sender to verify its authenticity.

CONCULUTION:

However, it's important to note that while blockchain technology itself is highly secure, vulnerabilities can still arise due to human error, software bugs, or external factors. Security measures such as wallet protection, strong passwords, and secure storage of private keys are crucial for individuals using cryptocurrencies to protect their assets. Additionally, the security of a blockchain network depends on the specific consensus mechanism and the level of adoption and decentralization it has achieved.

Cryptocurrency Security:

1. ***Wallet Security***: Secure your cryptocurrency by using reputable wallets and implementing strong passwords or passphrase. Hardware wallets are considered one of the most secure options.
2. ***Two-Factor Authentication (2FA)***: Enable 2FA whenever possible to add an extra layer of security to your accounts.
3. ***Phishing Awareness***: Be cautious of phishing attempts. Always verify the legitimacy of websites and emails related to cryptocurrency.
4. ***Updates and Patches***: Keep your wallet software, apps, and operating systems up to date to protect against vulnerabilities.
5. ***Private Key Protection***: Never share your private keys, and store them in a secure, offline location.
1. Blockchain Security:



Cover Page



1. ***Consensus Mechanisms***: Understand the consensus mechanism of the blockchain you're using. Bitcoin, for example, uses proof-of-work (PoW) while Ethereum is transitioning to proof-of-stake (PoS).
2. ***Smart Contract Auditing***: If you're developing or using smart contracts, ensure they undergo thorough auditing to identify vulnerabilities.
3. ***Network Security***: Protect the network from attacks like 51% attacks by decentralizing mining power and using robust security measures.
4. ***Immutable Records***: Be aware that data once written to a blockchain is typically immutable, so ensure data integrity before it's added.
5. ***Privacy***: Consider the privacy features of the blockchain. Some, like Monero, offer enhanced privacy compared to Bitcoin.

References

1. Morris, David Z. (15 May 2016). "Leaderless, Blockchain-Based Venture Capital Fund Raises \$100 Million, And Counting". Fortune. Archived from the original on 21 May 2016. Retrieved 23 May 2016.
2. Popper, Nathan (21 May 2016). "A Venture Fund With Plenty of Virtual Capital, but No Capitalist". The New York Times. Archived from the original on 22 May 2016. Retrieved 23 May 2016.
3. "Blockchains: The great chain of being sure about things". The Economist. 31 October 2015. Archived from the original on 3 July 2016. Retrieved 18 June 2016. The technology behind bitcoin lets people who do not know or trust each other build a dependable ledger. This has implications far beyond the crypto currency.
4. Narayanan, Arvind; Bonneau, Joseph; Felten, Edward; Miller, Andrew; Goldfeder, Steven (2016). Bitcoin and cryptocurrency technologies: a comprehensive introduction. Princeton, New Jersey: Princeton University Press. ISBN 978-0-691-17169-2.
5. Iansiti, Marco; Lakhani, Karim R. (January 2017). "The Truth About Blockchain". Harvard Business Review. Cambridge, Massachusetts: Harvard University. Archived from the original on 18 January 2017. Retrieved 17 January 2017. The technology at the heart of bitcoin and other virtual currencies, blockchain is an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way.
6. Oberhaus, Daniel (27 August 2018). "The World's Oldest Blockchain Has Been Hiding in the New York Times Since 1995". Vice. Retrieved 9 October 2021.
7. Lunn, Bernard (10 February 2018). "Blockchain may finally disrupt payments from Micropayments to credit cards to SWIFT". dailyfintech.com. Archived from the original on 27 September 2018. Retrieved 18 November 2018.
8. Hampton, Nikolai (5 September 2016). "Understanding the blockchain hype: Why much of it is nothing more than snake oil and spin". Computerworld. Archived from the original on 6 September 2016. Retrieved 5 September 2016.



Cover Page



9. Bakos, Yannis; Halaburda, Hanna; Mueller-Bloch, Christoph (February 2021). "When Permissioned Blockchains Deliver More Decentralization Than Permissionless". Communications of the ACM. 64 (2): 20–22. doi:10.1145/3442371. S2CID 231704491.
10. Sherman, Alan T.; Javani, Farid; Zhang, Haibin; Golaszewski, Enis (January 2019). "On the Origins and Variations of Blockchain Technologies". IEEE Security Privacy. 17 (1): 72–77. arXiv:1810.06130. doi:10.1109/MSEC.2019.2893730. ISSN 1558-4046. S2CID 53114747.



Cover Page



ETHICAL HACKING AND RED TEAMING

¹Sank Sampath and ²Ganta Anjali

¹2nd B.Com General and ²ND B.Com Computer²

^{1,2}C.S.T.S Govt Kalasala, Jangareddigudem

Abstract:

Ethical hacking and red teaming are cybersecurity practices aimed at identifying vulnerabilities and weaknesses in an organization's digital infrastructure, applications, and security measures. Ethical hacking involves authorized professionals, known as ethical hackers or penetration testers, who use their skills to simulate cyberattacks on an organization's systems. The goal is to uncover security flaws before malicious hackers can exploit them, ultimately enhancing overall security. On the other hand, red teaming takes a more comprehensive approach. It involves creating a team of skilled individuals who simulate real-world cyberattacks by mimicking the tactics, techniques, and procedures of actual threat actors. Red teams aim to provide a holistic assessment of an organization's security posture, going beyond technical vulnerabilities to assess human and process-related weaknesses as well. Overview of the core principles and objectives of ethical hacking and red teaming, which are essential components of a robust cybersecurity strategy.

INTRODUCTION:

In the realm of cybersecurity, the battle between defenders and attackers is relentless and ever-evolving. To safeguard digital assets and sensitive information, organizations must adopt proactive approaches to identify and mitigate vulnerabilities. Two powerful techniques in this endeavor are ethical hacking and red teaming.

1. Ethical Hacking:

Ethical hacking, often referred to as penetration testing or white-hat hacking, involves skilled individuals who are authorized to simulate cyberattacks on an organization's systems, networks, and applications. These cybersecurity experts employ their knowledge of hacking techniques to uncover vulnerabilities before malicious hackers can exploit them. Ethical hackers act as allies, helping organizations fortify their defenses, patch vulnerabilities, and enhance overall security.

2. Red Teaming:

Red teaming takes a broader and more comprehensive approach to assess an organization's security posture. It entails assembling a team of experts who mimic the tactics, techniques, and procedures of real-world threat actors. The red team's objective is to challenge an organization's defenses comprehensively. They not only target technical weaknesses but also evaluate human factors, processes, and response capabilities. This holistic assessment provides valuable insights into an organization's ability to withstand sophisticated cyberattacks.

ADVANTAGES OF ETHICAL HACKING AND RED TEAMING:

1. Security Improvement:* These practices help identify vulnerabilities and weaknesses in a system or network, allowing organizations to patch them before malicious hackers can exploit them.
2. Real-World Testing:* Ethical hackers and red teams simulate real-world attacks, providing a more accurate assessment of an organization's security posture.
3. Risk Mitigation:* By proactively identifying and addressing vulnerabilities, organizations can reduce the risk of data breaches and other security incidents.



Cover Page



4. Compliance: Many industries and regulations require regular security testing and assessment. Ethical hacking and red teaming help organizations meet these compliance requirements.
5. Enhanced Security Awareness: These practices raise awareness among employees and stakeholders about security best practices and potential threats.
6. Cost Savings: Detecting and fixing vulnerabilities early is usually less expensive than dealing with the consequences of a security breach.
7. Continuous Improvement:* Ethical hacking and red teaming are ongoing processes, ensuring that security measures evolve to counter new threats.
8. Incident Response Preparedness:* Identifying weaknesses in incident response plans allows organizations to better prepare for and respond to security incidents.
9. Client Trust:* Demonstrating a commitment to security through ethical hacking and red teaming can build trust with clients and customers.
10. Competitive Advantage: Having robust security measures can be a competitive advantage, especially in industries where data protection is critical.

Overall, ethical hacking and red teaming are valuable practices for enhancing cybersecurity and protecting sensitive information.

DISADVANTAGES OF ETHICAL HACKING:

While ethical hacking and red teaming are valuable practices for identifying and addressing security vulnerabilities, they do come with some disadvantages:

1. Legal and Ethical Concerns: Ethical hackers and red teams must operate within legal and ethical boundaries. If they cross these lines or make mistakes, they could potentially face legal consequences or damage an organization's reputation.
2. Costly: Hiring or training skilled ethical hackers and conducting red team exercises can be expensive. Smaller organizations with limited budgets may struggle to afford these services.
3. Time-Consuming: Comprehensive security assessments and penetration testing take time to plan and execute properly. This can disrupt regular business operations and result in downtime.
4. False Positives/Negatives: The findings of ethical hacking and red teaming may sometimes produce false positives (indicating vulnerabilities that don't exist) or false negatives (failing to identify real vulnerabilities). This can lead to wasted time and resources.
5. Resistance from Employees: Some employees may view ethical hacking and red teaming as invasive or disruptive, leading to resistance or a lack of cooperation during the testing process.
6. Limited Scope: These practices may not cover all aspects of an organization's security posture. They might focus on specific areas or scenarios, potentially leaving other vulnerabilities unaddressed.



Cover Page



7. Skill and Resource Dependence: Finding skilled ethical hackers and maintaining an effective red team can be challenging. Organizations may need to constantly update their expertise and tools to keep up with evolving threats.

8. Confidentiality Concerns: Sharing sensitive information with ethical hackers or red teams can be risky. Organizations must carefully manage the confidentiality of their data during these assessments.

9. Risk of Exposure: During red teaming exercises, there's a risk that attackers could exploit vulnerabilities before they are discovered by the team, potentially causing damage or data breaches.

Despite these disadvantages, the benefits of ethical hacking and red teaming, such as identifying and mitigating security weaknesses, often outweigh the drawbacks when conducted thoughtfully and with proper planning.

CONCLUSION:

Ethical hacking and red teaming represent indispensable pillars of contemporary cybersecurity strategies. These proactive approaches serve as vital safeguards against the ever-evolving landscape of cyber threats. By systematically probing and testing an organization's defenses, ethical hackers and red teams uncover vulnerabilities that could otherwise be exploited by malicious actors. This process isn't a one-time endeavor but an ongoing, adaptive practice, ensuring that security remains resilient over time. Furthermore, it facilitates regulatory compliance, bolsters risk mitigation efforts, and fosters collaboration between security teams and management. Ethical considerations and confidentiality are paramount, and continuous education and customization are essential to success. Ultimately, ethical hacking and red teaming offer a cost-effective means of enhancing security and protecting valuable assets in an interconnected digital world.

References

1. Walker, Matt; CEH Certified Ethical Hacker All-In-One Exam Guide, The McGraw-Hill Companies, 2011. ISBN 978-0-07-177229-7
2. Oriyano, Sean-Philip; CEH: Certified Ethical Hacker Version 8 Study Guide, Sybex Publishing, 2014. ISBN 978-1-118-64767-7
3. Gregg, Michael; Certified Ethical Hacker Exam Prep, Que Publishing, 2006. ISBN 978-0-7897-3531-7
4. DeFino, Steven; Greenblatt, Larry; Official Certified Ethical Hacker Review Guide: for Version 7.1 (EC-Council Certified Ethical Hacker (Ceh)), Delmar Cengage Learning, March 2, 2012. ISBN 978-1-1332-8291-4
5. IP Specialist; CEH v10: EC-Council Certified Ethical Hacker Complete Training Guide with Practice Labs: Exam: 312-50, May 2018, ISBN 978-1983005473
6. Ric Messier; CEH v10 Certified Ethical Hacker Study Guide, Sybex publishing, May 7, 2019. ISBN 978-1119533191



Cover Page



ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN CYBER SECURITY

Panuganti Supraja

C.S.T.S Govt Kalasala, Jangareddigudem

Abstract:

The ever-evolving landscape of cyber threats presents a formidable challenge to organizations worldwide. To combat these threats effectively, there has been a paradigm shift towards the integration of Artificial Intelligence (AI) and Machine Learning (ML) in cybersecurity. This abstract explores the critical role of AI and ML in fortifying digital defenses and proactively identifying, mitigating, and responding to cyberattacks.

AI and ML technologies have revolutionized the cybersecurity domain by enabling automated threat detection, prediction, and adaptive response mechanisms. They harness vast datasets to train models that can recognize anomalies and patterns indicative of cyber threats. This newfound capability is particularly crucial in today's interconnected and data-driven world, where traditional rule-based approaches fall short.

Introduction:

In an age where digital footprints span across all aspects of life, the ever-expanding digital landscape is a playground not only for legitimate users but also for malicious actors seeking to exploit vulnerabilities and steal sensitive information. This incessant battle between cyber security defenders and cybercriminals has reached a critical juncture. The rapid proliferation of data and the sophistication of cyber threats have made traditional security approaches inadequate. To adapt to this evolving threat landscape, the field of cybersecurity has turned to Artificial Intelligence (AI) and Machine Learning (ML) as its vanguard.

Artificial Intelligence, encompassing ML techniques, has emerged as a powerful ally in the realm of cybersecurity. The marriage of AI and cybersecurity represents a seismic shift in how we protect our digital assets. It empowers us to proactively identify, respond to, and mitigate cyber threats in ways that were inconceivable with rule-based systems alone. Considerations that accompany their integration into the cybersecurity landscape. AI and ML empower cybersecurity professionals to transcend human limitations in analyzing vast datasets, identifying complex patterns, and making real-time decisions. They enable us to build intelligent systems that not only detect known threats but also predict and counter emerging ones. Whether it's recognizing unusual patterns in network traffic, swiftly identifying zero-day vulnerabilities, or fortifying authentication systems, AI and ML have become indispensable tools in the arsenal of the modern cybersecurity expert.

However, with great power comes great responsibility. As AI/ML-driven cybersecurity becomes ubiquitous, it raises questions about privacy, transparency, and the potential for malicious use. Adversarial attacks that manipulate AI models are a real concern, and the ethical implications of AI decisions in security contexts demand careful consideration.

ADVANTAGES:

Artificial Intelligence (AI) and Machine Learning (ML) bring several advantages to cyber security, enhancing the ability to protect digital assets and respond to evolving threats. Here are some key advantages:

1. Real-Time Threat Detection: AI and ML systems can continuously monitor network traffic, system behavior, and user activities in real-time. They can quickly identify and flag suspicious activities or anomalies, enabling rapid threat detection.



Cover Page



2. Advanced Anomaly Detection: These technologies excel at recognizing patterns and anomalies that may be indicative of cyber threats. They can identify previously unseen attack patterns, helping to detect zero-day vulnerabilities and sophisticated attacks.

3. Reduced False Positives: By learning from historical data, AI/ML systems can reduce false positives. This means security teams can focus their efforts on genuine threats, rather than wasting time investigating benign incidents.

4. Automation: AI can automate routine security tasks, such as log analysis and threat prioritization. This allows security professionals to focus on more strategic tasks and incident response.

5. Predictive Analysis: ML algorithms can predict potential security threats based on historical data and current trends. This proactive approach helps organizations prepare for and mitigate emerging threats before they become major issues.

6. Enhanced User Authentication: Behavioral biometrics and ML-based authentication methods can strengthen user authentication. These systems analyze user behavior patterns, making it difficult for attackers to impersonate legitimate users.

7. Efficient Incident Response: AI/ML can assist in incident response by providing real-time insights into the scope and impact of a security incident. This enables faster and more effective containment and remediation efforts.

DISADVANTAGES

While Artificial Intelligence (AI) and Machine Learning (ML) offer significant advantages in cyber security, they also come with certain disadvantages and challenges:

1. False Positives and Negatives: AI/ML systems are not infallible and can produce false positives (flagging benign activities as threats) or false negatives (failing to detect actual threats). These inaccuracies **can** lead to security teams becoming complacent or wasting time investigating non-issues.

2. Complex Implementation :Integrating AI/ML into existing cybersecurity infrastructure can be complex and resource-intensive. It may require specialized skills and substantial financial investments.

3. Data Quality and Quantity: AI/ML models heavily rely on data quality and quantity. If the training data is incomplete, biased, or outdated, it can lead to inaccurate results. Gathering and maintaining high-quality data can be challenging.

4. Adversarial Attacks: Attackers can exploit vulnerabilities in AI/ML models through adversarial attacks. They manipulate input data to deceive AI systems, leading to incorrect security decisions.

5. Interpretability: Many AI/ML algorithms are complex "black boxes" that make it challenging to understand how they arrive at their decisions. This lack of transparency can be a significant issue when explaining security decisions to stakeholders or regulators.

6. Over-Reliance on Automation: Over-reliance on AI-driven automation can lead to complacency among security professionals. It's important to maintain human oversight and expertise.

7. Privacy Concerns: AI/ML systems may process and store large amounts of sensitive data, raising privacy concerns. Ensuring compliance with data protection regulations like GDPR and HIPAA is crucial.



Cover Page



8. Resource Intensiveness: Some AI/ML algorithms require significant computational resources, which can strain an organization's infrastructure and lead to higher operational costs.

9. Skill Gap: Finding and retaining personnel with expertise in AI/ML and cybersecurity can be challenging. Skilled professionals in this intersection are in high demand.

CONCLUSION:

In conclusion, while AI and ML have the potential to revolutionize cybersecurity, they are not without challenges. Organizations must carefully assess the benefits and drawbacks and implement these technologies in a way that complements human expertise and addresses privacy and ethical concerns. Cyber security remains a dynamic field, and a holistic approach that combines technology, expertise, and best practices is essential for effective defense. In conclusion, the integration of Artificial Intelligence (AI) and Machine Learning (ML) into the realm of cyber security marks a significant step forward in our ability to protect digital assets and defend against evolving cyber threats. These technologies offer a compelling mix of advantages and challenges that shape the future of digital security.

References:

1. Shackleford, D. (2018). How Machine Learning is Revolutionizing the Field of Cybersecurity. O'Reilly Media.
2. Almohri, H., & Amer, I. A. (2020). Artificial Intelligence and Machine Learning in Cybersecurity: A Comprehensive Survey. IEEE Access, 8, 115473-115506.
3. Kim, H., Kim, H., Kim, J., & Kim, J. (2019). A survey of deep learning-based network anomaly detection. Cluster Computing, 22(6), 13585-13599.
4. Dua, S., & Du, X. (2016). Data mining and machine learning in cybersecurity. Auerbach Publications.
5. Mahmood, A. N., & Hu, J. (2018). Cybersecurity Threat Detection and Mitigation Using Machine Learning in Internet of Things (IoT). Procedia Computer Science, 141, 439-446.
6. Huang, W., Wang, W., & Guo, S. (2020). Deep learning for cyber security intrusion detection: Approaches, datasets, and comparative study. Journal of Network and Computer Applications, 149, 102498.
7. Goodfellow, I., Bengio, Y., Courville, A., & Bengio, Y. (2016). Deep Learning (Vol. 1). MIT press Cambridge.