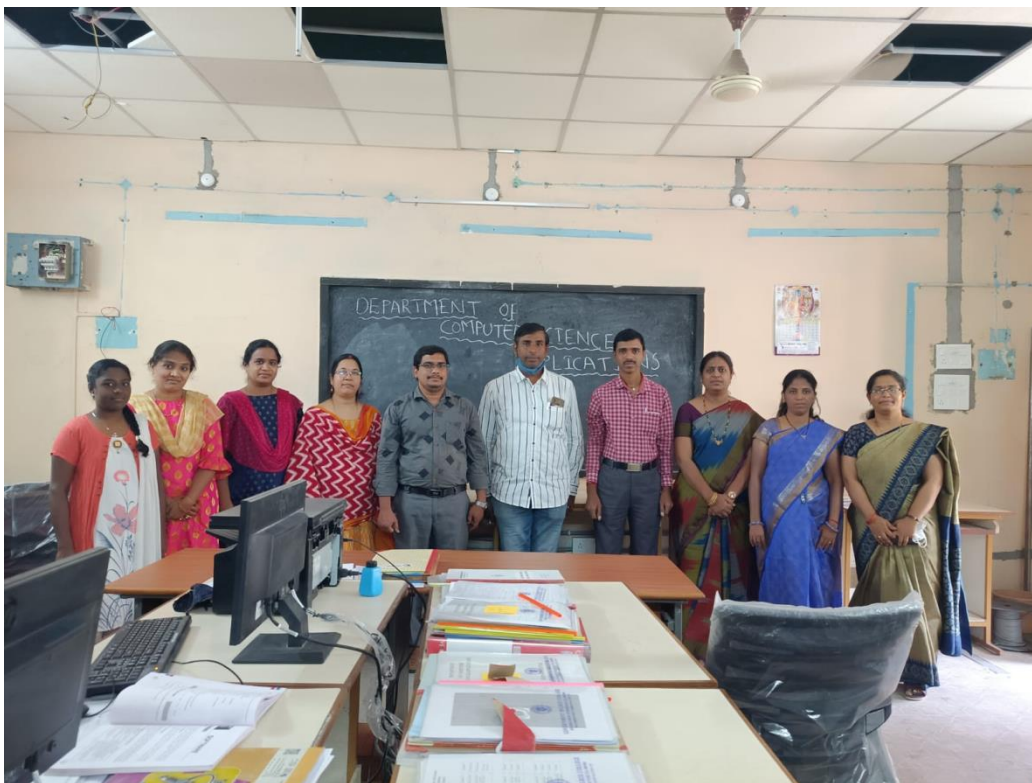


# GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

## DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

### Departmental Profile

#### 1. Any Photo (Departments' choice)



#### 2. History of the Department

- The department of Computers was established in 1999.
- The department offers Under Graduate courses- B.Com (Computer Applications) & B.Sc. (Computer Science).
- In 2016-17 CBCS system was introduced.
- In 2018 new courses, B.Sc. MSCS and BA (Computer Applications) were introduced.
- In the current Academic Year 2020-21, the new course B.Sc. Data Science was introduced with the updated Technologies and Life Sciences combination was introduced.

#### 3. Aims & Objectives

## ✓ AIM OF THE DEPARTMENT

- To produce outstanding professionals in the field to cater to the needs of Industry and Society by imparting quality technical education and equipping the students with latest skills in the field of technology to face challenges in the fast morphing modern computing industry.
- Heightening the knowledge of the faculty in recent trends through continuous development programmes.
- Transforming the students into globally competent and technically well-equipped Computer Professionals with strong theoretical and practical knowledge.
- Cultivating the spirit of social and ethical values for the cause of development of our Nation.

## ✓ OBJECTIVES

- To impart theoretical and practical understanding of the subject to the students.
- To motivate the students to pursue higher education in computer science.
- To conduct curricular, co-curricular and extracurricular activities.
- To provide latest technological information to meet the needs of professional and academic goals.
- To empower the students with various employability skills.

### 4. Course Offered-

S.no	Name Of The Program	Combination
1	B.Com	CA(Computer Applications)
2	B.Sc.	MPCS(Maths-Physics-Computer Science)
3	B.Sc.	MSCS(Maths-Statistics-Computer Science)
4	B.Sc.	MSDS(Maths-Statistics-Data Science)
5	B.Sc. Life Sciences	MBZCS(Microbiology-Zoology-Computer Science) BZCS(Botany-Zoology-Computer Science)
6	B.C.A	Computer Applications



**Student strength (2021-2022)**

Course	III		II		I	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
B.Com CA	231	108	241	115	280	139
B.Sc. MPCS	118	23	108	23	89	30
B.Sc. MSCS	66	20	43	19	45	18
B.Sc. MSDS	-	-	35	15	43	13
B.Sc. Life Sciences	-	-	05	02	17	16
<b>TOTAL</b>	415	151	432	174	474	216
	566		606		690	

**Student strength (2022-2023)**

Course	III		II		I	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
B.Com CA	241	115	280	139	269	147
B.Sc. MPCS	108	23	89	30	109	41
B.Sc. MSCS	43	19	45	18	35	10
B.Sc. MSDS	35	15	43	13	39	4
B.Sc. Life Sciences	05	02	17	16	35	24
B.C.A	---	---	---	---	40	20
B.A C.A	---	---	---	---	27	7
<b>TOTAL</b>	432	174	474	216	554	253
	606		690		807	

## SOCIO-ECONOMIC STATUS

YEAR	BSC		BCOM	
	SC	ST	SC	ST
2014-15	2	2	11	1
2015-16	6	6	7	0
2016-17	3	2	10	1
2017-18	6	1	7	2
2018-19	25	8	36	8
2019-20	44	12	25	30
2020-21	41	17	89	32
2021-22	35	22	91	30
2022-23	59	26	84	35

### 5. Current Faculty Working as per Seniority-Name, Designation, Qualification-

S.no	Name of the faculty	Designation	Qualification	Experience
1	Dr.S.Srinivasu	Assistant Professor of CS	M.Sc, M.Tech, PhD	10
2	G. Radhika	Contract faculty in Computer Science	M.Sc(IS)	19
3	Ch. Madhavi	Guest Faculty In Computer Science	M.Sc.(COMPUTER SCIENCE),B.Ed.	20
4	K. Swarna	Guest Faculty In Computer Science	MCA	9
5	Jagadeeshwar P	Guest Faculty In Computer Science And Applications	MSC CS	9
6	T Lavanya	Guest Faculty In Computer Science	M.Sc. (Computer Science)	2
7	J Hari Krishna	Guest Faculty In Computer Science	M.Sc. (Computer Science) M.Sc. (Mathematics)	5
8	V.Swapna	Guest Faculty In Computer Science	M.C.A	8
9	D. Sirisha	Guest Faculty In Computer Science	M.C.A ,M.Tech	13

## 6. Activities of the department -

# DEPARTMENT ACTIVITIES

A.Y.2022-23

S.No	Date	Nature of the Activity	Title of the Activity	Details of the Resource Person	No. of Students Participated
1	11.10.2022	Workshop	Electronic Banking And Training Program	RBI Officials, RBI, Hyderabad region	Bcom & BSc Students
2	11.10.2022	Training Program	Academic Audit Management System in CAIMS and Website Maintenance	Sri.T.Naveen Chander Raju, Assistant Professor of Mathematics &  Dr.S.Srinivasu Assistant Professor in Computer Science, GDC-Khairatabad	Teaching and Non Teaching staff
3	13.10.2022	Quiz Competition	Quiz Competition	G.Radhika, Ch.Madhavi, P.Jagadeeshwar.	III B.Com students
4	14.10.2022	Quiz Competition	Quiz Competition	G.Radhika, Ch.Madhavi, P.Jagadeeshwar.	II B.Com students
5	14.10.2022	Quiz Competition	Quiz Competition	K.Swarna, K.Vidya, B.Rajitha Rani, B.Lavanya.	II B.Sc students
6	28.10.2022	Best Practice	O Grade & A Grade Students Appreciation	Dr.S.Srinivasu G.Radhika P.Jagadeeshwar K.Vidya B.Lavanya	II , III B.Com & B.Sc students
7	03.11.2022 TO 17.11.2022	Certificate course	Advanced Tools in Excel	Dr.S.Srinivasu G.Radhika P.Jagadeeshwar	III B.Sc & B.Com students



8	11.11.2022	Group Discussion	Social Media	P. Jagadeeshwar	II B.com Students
9	31.12.2022	Workshop	E-office practicing Tools	Sri.T.Naveen Chander Raju, Assistant Professor of Mathematics &  Dr.S.Srinivasu Assistant Professor in Computer Science, GDC-Khairatabad	Teaching and Non Teaching staff
10	09.03.23	Extension Lecturers	Web Technologies and Programming	Dr.A.V.Krishna Prasad Assistant Professor of Computer Science, MVSR Engineering College, Hyd	Bcom & BSc Students
11	Aug & Sep	Student Seminars	Student Seminars	Faculties of the Department	B.Sc & B.Com Students

# **GOVERNMENT DEGREE COLLEGE-KHAIRATABAD**

**Academic Year  
2022-23**

**A  
Workshop  
On  
e-BAAT  
(Electronic Banking And Training Program)-  
Cyber Security**

**For Final Year Students**



---

**Department of Computer Science and Applications  
And  
Department of Mathematics**



# GOVERNMENT DEGREE COLLEGE::KHAIRATABAD

Affiliated to Osmaniya University  
Accredited by NAAC with B+ & ISO 9001 : 2015 Certified  
(Kharatabad, Hyderabad District, Telangana State-500004)



**A.Y.2022-23**

## **Circular**

**Date: 11.10.2022**

All the teaching and non teaching staff is directed to attend One day Workshop on **E-BAAT (Electronic Banking And Training Program) - Cyber Security** on **27.04.2023** at **Seminar Hall @12.30** for final year students.

This workshop is organizing the Department of Mathematics and Computer Science and Applications.

**PRINCIPAL**

<b>TITLE OF THE PROGRAM</b>	<b>One day Workshop on E-BAAT (Electronic Banking And Training Program)- Cyber Security</b>
<b>DATE OF THE EVENT</b>	<b>27.04.2023 @12.30</b>
<b>RESOURCE PERSONS</b>	<b>RBI Officials, RBI, Hyderabad region,</b>
<b>Organisers</b>	<b>Department of Mathematics Department of Computer Science,</b>

### **OBJECTIVES OF THE PROGRAM:**

An electronic banking awareness and technology (e-BAAT) programme was organized by the Reserve Bank of India and National Payments Corporation of India (NPCI). RBI has been reaching out to the masses and educating them about the recent changes in the banking space.

As the part of curriculum and general awareness to the students, for getting knowledge about cyber security and to manage the **online transactions with respect to the security aspect**. To aware the security threats, online fraudulent behaviors for all the final year students in the college for their future activities. This workshop is a **One day Workshop on E-BAAT (Electronic Banking And Training Program) - Cyber Security** is going to organize by the Department of Mathematics and Department of Computer Science and Applications.

### **BRIEF DISCRIPTION:**

The programme focused on banking transactions through e-banking on basis of modern electronic payments. The customers were exhorted to opt for internet and mobile banking which is not only beneficial for them but also for bankers and Government.

e-BAAT ensures 24/7 services through internet banking, mobile banking, ATM, cash deposits through green remit cards, funds transfer and online banking.



# GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD



## One Day Workshop

On

## E-BAAT (Cyber Security)

(Electronic Banking Awareness And Training Program)

**Speakers: RBI Officials**

**27.04.2023 @12:30**

**Venue: Seminar Hall**

### Organizers

Dept. of Mathematics

Dept. of Computer Science and Applications

**Dr.B.RAJENDRA KUMAR**

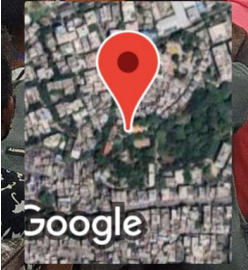
Principal











Hyderabad, Telangana, India

6-2-810, Tummala Basthi, Khairtabad, Hyderabad,  
Telangana 500004, India

Lat 17.410441°

Long 78.45823°

27/04/23 12:36 PM GMT +05:30



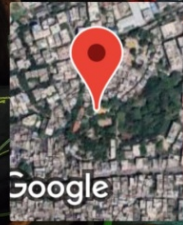
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Telangana 500004, India

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Long 78.45824°

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Hyderabad, Telangana, India

6-2-810, Tummala Basthi, Khairtabad, Hyderabad,  
Telangana 500004, India

Lat 17.410489°

Long 78.458304°

27/04/23 12:36 PM GMT +05:30









**SNACK Distribution**



# **GOVERNMENT DEGREE COLLEGE-KHAIRATABAD**

**Academic Year  
2022-23**

**Professional Development/Training program  
On  
Academic Audit Management System in CAIMS  
And  
Website Maintenance  
For  
Teaching and Non Teaching Staff**



---

**Department of Computer Science and Applications  
And  
Department of Mathematics**





# GOVERNMENT DEGREE COLLEGE::KHAIRATABAD

Affiliated to Osmaniya University  
Accredited by NAAC with B+ & ISO 9001 : 2015 Certified  
(Kharatabad, Hyderabad District, Telangana State-500004)



**A.Y.2022-23**

## **Circular**

**Date: 11.10.2022**

All the teaching and non teaching staff is directed to attend a Professional development /administrative training program on **Academic Audit Management System in CAIMS and Website Maintenance** on **12.10.2022** for academic audit and web content development.

This administrative workshop is organizing the Department of Mathematics and Computer Science and Applications.

**PRINCIPAL**

<b>TITLE OF THE PROGRAM</b>	Professional development /Administrative Training Program <b>One day Workshop on Academic Audit Management System in CAIMS and Website Maintenance</b>
<b>DATE OF THE EVENT</b>	<b>12.10.2022</b>
<b>RESOURCE PERSONS</b>	<b>Sri.T.Naveen Chander Raju,</b> <b>Assistant Professor of Mathematics</b> <b>Dr.S.Srinivasu</b> <b>Assistant Professor in Computer Science,</b> <b>GDC- Khairatabad</b>

### **OBJECTIVES OF THE PROGRAM:**

As the part of professional development /administrative training program for college administrative works, to manage the **Academic Audit** files in CAIMs and to develop the WEB pages for activities in Department and college for NAAC. To enhance the web designing skills for all the staff members in the college for updating activity files in the concern departments. This workshop is a **One day Workshop on Academic Audit Management System in CAIMS and Website Maintenance** is going to organize by the Department of Mathematics and Department of Computer Science and Applications.

### **BRIEF DISCRIPTION:**

**College Administration and Information Management System(CAIMS)** and Website Maintenance are tools to express the activities in the college. The college activities are communicating with admin among all teaching and non teaching staff by using CAIMS.

The college activities of all teaching and non teaching staff and admission process, results, notifications and NAAC related files are posting in the college website.

These two tools CAIMS and WEB site maintenance process are very use full to all teaching and non teaching staff.





Hyderabad, Telangana, India

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Telangana 500004, India

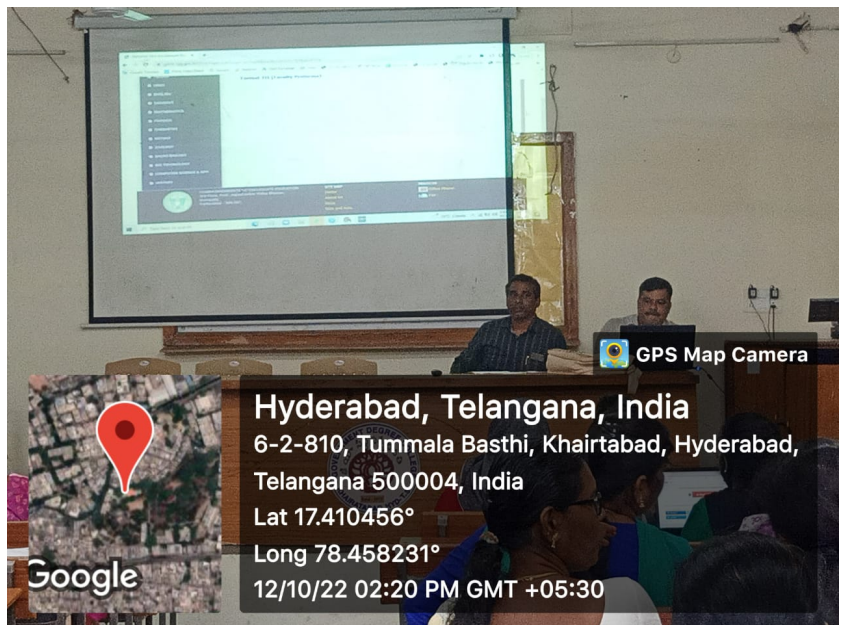
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GPS Map Camera

Google



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Telangana 500004, India

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GPS Map Camera

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Telangana 500004, India

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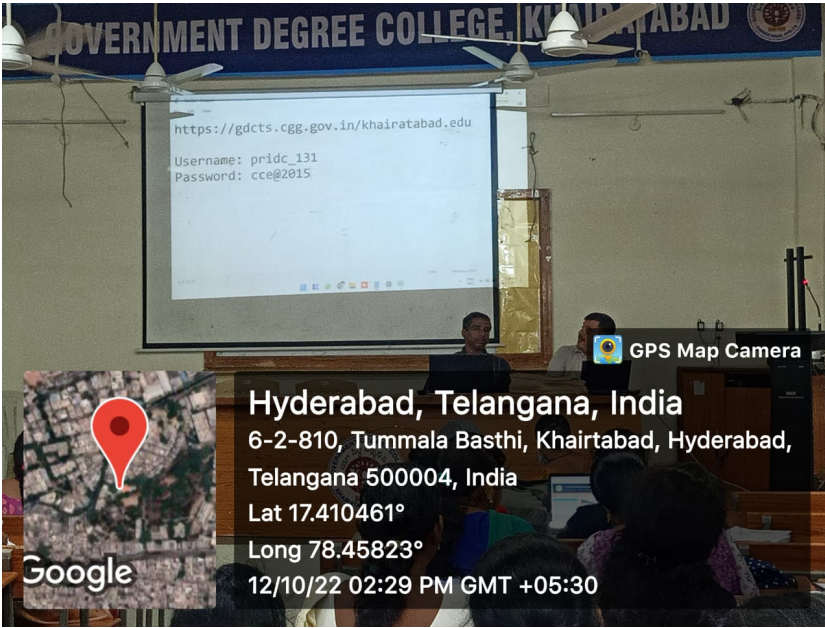
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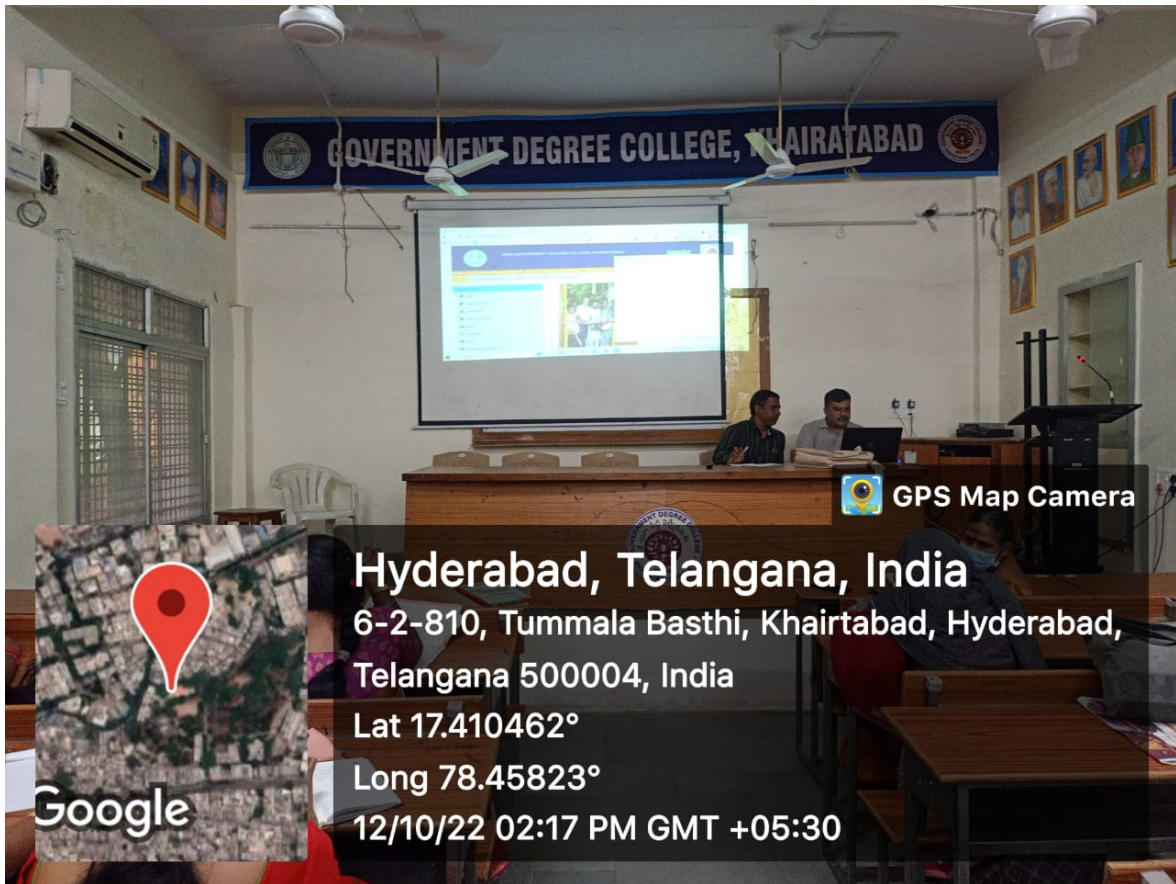
GPS Map Camera


Google

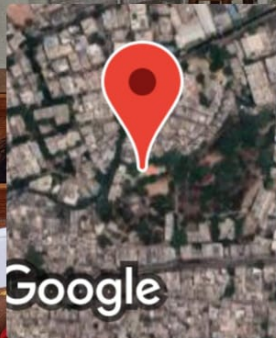








 GPS Map Camera



Google

**Hyderabad, Telangana, India**


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Telangana 500004, India

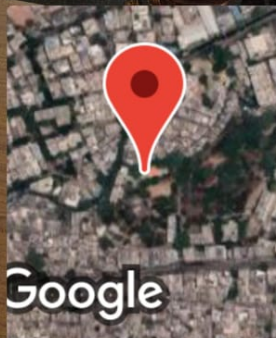
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 GPS Map Camera



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Telangana 500004, India

Lat 17.410454°

Long 78.458232°

12/10/22 02:16 PM GMT +05:30



  
Student Information Management

  
Certificate Management


  
Account Management

  
Academic Audit Management

  
Faculty Digital Diary


  
Marks Management System

**Note:1.** Please Do Edit Promotions By Logging in to Student Information Management  
**Note:2.** Please follow this Manual for issuing Original and Duplicate TC if Already issued TC once  
 Please Feel Free to Contact Us For Technical Support:9705557049,9948197049  
 Mail Id: caimstechnicalteam@gmail.com  
 Office Timings 10:00 AM - 6:00 PM | Lunch Time 1:00 PM to 2:00 PM  
[Academy Remote Software Download](#)




**Commissionerate of Collegiate Education, T.S**  
Government of Telangana  
**College Administration and Information Management System**  
**Academic Audit Management System**

Home Login

 **Login Form**

UserName

Password

 Please Click here For new Registration for Faculty

» **Templates for Academic Audit 2020-21** **NEW**

» **User Manuals** **NEW**

» **Instructions** **NEW**

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 **User Name : Dr.S.Srinivasu(111401644186)**  
**Academic Year : [2021-2022]**  
[Log out](#)

**Welcome to Government Degree College, Khairatabad**

Home Transactions Reports Utilities

Select Date for Dairy Filling Date

Date:

Day:



# NEW GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

Official Login



TSKC - Career Guidance & Placement Cell | Departmental Activities | About Us | STAFF | Academic Audit(2020-21) | Academic Audit(2021-22)

Events | Exams are commenced from 05/08/2021 | Student seminar | Welcome to Government Degree College, Khairatabad.

### Quick Links

- Home
- Courses Offered
- Departments
- View Faculty Details
- Gallery
- Notifications
- Orders
- District Resource Centre



### Notifications

- TimeTable for 1 sem Exams for all groups **NEW**
- B.Sc Time Table for the AY 2020-21 **NEW**

### Student Corner

- FAQs

### Home Page Description

Government Degree College, Khairathabad which started functioning as New Government Degree College, Hyderabad was established in 1973 by the then Government of the

### Events Gallery

view all



# NEW GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

Official Login

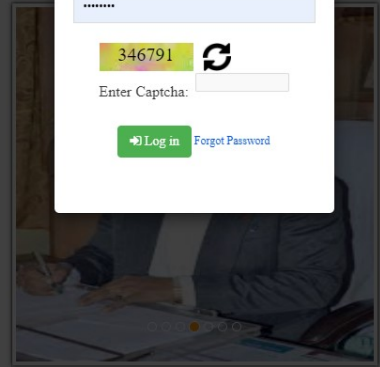


TSKC - Career Guidance & Placement Cell | Departmental Activities | About Us | STAFF | Academic Audit(2020-21) | Academic Audit(2021-22)

Events | Khairatabad | I SEM Exams are commenced from 05/08/2021 | Student seminar | Welcome to Government Degree College, Khairatabad.

### Quick Links

- Home
- Courses Offered
- Departments
- View Faculty Details
- Gallery
- Notifications
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- District Resource Centre



### Notifications

- TimeTable for 1 sem Exams for all groups **NEW**
- B.Sc Time Table for the AY 2020-21 **NEW**

### Student Corner

- FAQs

### Home Page Description

Government Degree College, Khairathabad which started functioning as New Government Degree College, Hyderabad

### Events Gallery

view all

### Official Login

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Enter Captcha:

Log in
[Forgot Password](#)

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## New Government Degree College, KHAIRATABAD

[Edit Mobile](#) | [Post Website Content](#) | [Logout](#)

User : GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD  
 Last Login Date/Time: 26/11/2022 16:43:34  
 Type of User : GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD

Post Dynamic Data  
Option: Add New Tab

NEW BUTTONS ADDED

Sl.No	Button Name	Button Description	Upload File	Action
1	certificate course-PA	certificate course	Upload File	Edit Delete
2	TELUGU	TELUGU	-	Edit Delete
3	certificate course-PA	certificate course	Upload File	Edit Delete
4	certificate course-PA	certificate course	Upload File	Edit Delete
5	certificate course-PA	certificate course	Upload File	Edit Delete
6	BT Student Study Projects	BT Student Study Projects	Upload File	Edit Delete
7	certificate course-PA	certificate course	Upload File	Edit Delete

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[https://gdcts.cgg.gov.in/postDynamicData.do?mode=newButtonDetails&actionToPerform=add&old=22](#) - Google Chrome

gdcts.cgg.gov.in/postDynamicData.do?mode=newButtonDetails&actionToPerform=add&old=22

**Add New Button Details**

Button Name :

Button Details:

select Menu Type : \*  Menu  Sub-Menu  Sub-Sub-Menu

Menu : \*

Sub-Menu : \*

Select Browse (or) Content : \*

Priority :

- Select--
- TELUGU
- HINDI
- PUBLIC ADMINISTRATION
- EDC
- SANSKRIT
- TSKC, CG&PC
- MATHEMATICS
- PHYSICS
- CHEMISTRY
- COMPUTER SCIENCE & APP
- Data Science**
- BOTANY
- ZOOLOGY
- MICRO BIOLOGY
- HISTORY
- ECONOMICS
- EXAMINATION BRANCH
- LIBRARY SCIENCE
- COMMERCE

of User : GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD

NEW BUTTONS ADDED

Sl.No	Button Name	Button Description	Upload File	Action
1	certificate course-PA	certificate course	Upload File	Edit Delete
2	TELUGU	TELUGU	-	Edit Delete
3	certificate course-PA	certificate course	Upload File	Edit Delete
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5	certificate course-PA	certificate course	Upload File	Edit Delete
6	BT Student Study Projects	BT Student Study Projects	Upload File	Edit Delete
7	certificate course-PA	certificate course	Upload File	Edit Delete

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## New Government Degree College, KHAIRATABAD

[Edit Mobile](#) | [Post Website Content](#) | [Logout](#)

User : GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD  
 Last Login Date/Time: 26/11/2022 16:43:34  
 Type of User : GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD

Post Dynamic Data  
Option: About College

Source

**B I U** | **X<sub>2</sub> X<sup>2</sup>** | **Format** | **Font** | **Size** | **A<sub>1</sub> A**

Styles

GDC, Khairatabad is located in mid city of hyderabad

Save

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NEW GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

TSKC - Career Guidance & Placement Cell | Departmental Activities | About Us | STAFF | Academic Audit(2020-21) | Academic Audit(2021-22)

Home ← Back

Academic Audit(2020-21)

MENUS-(Academic Audit(2020-21))

- TELUGU
- HINDI
- ENGLISH <
- SANSKRIT <
- MATHEMATICS <
- PHYSICS
- CHEMISTRY
- BOTANY
- ZOOLOGY
- MICRO BIOLOGY
- BIO TECHNOLOGY <
- COMPUTER SCIENCE & APP <
- HISTORY <

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HAIRATABAD

GOVERNMENT DEGREE COLLEGE KHAIRATABAD, HYDERABAD

Add New Button Details

Button Name : Certificate Course

Button Details: certificate

select Menu Type : \*  Menu  Sub-Menu  Sub-Sub-Menu

Menu : \* Academic Audit(2020-21)

Sub-Menu : \* --Select--

Select Browse (or) Content : \*  Browse  Content

Priority :

Submit | Close

Add New Button

	Upload File	Action
	Upload File	Edit Delete
	-	Edit Delete
	Upload File	Edit Delete
	Upload File	Edit Delete
5	Upload File	Edit Delete
6	Upload File	Edit Delete
7	Upload File	Edit Delete

5 | certificate course-PA | certificate course | Upload File | Edit | Delete

6 | BT Student Study Projects | BT Student Study Projects | Upload File | Edit | Delete

7 | certificate course-PA | certificate course | Upload File | Edit | Delete

Am



# Government Degree College:: Khairatabad

Department of Computer Science and Applications

A.Y:2022-23

## Academic Competition

### Quiz

Date: 13.10.2022

Course: B COM CA III YEAR V SEMESTER



24

'Group A'

Roll no	Name of the student	Signature
114020405063	Ch. Rajesh	Ch. Rajesh
114020405060	D. Sunil Nayak.	D. Sunil
114020405000	A. Lakshma	A. Lakshma
114020405093	G. Jagadeeshwari	G. Jagadeeshwari
114020405044	B. Sri Divya Latha	B. Sri Divya Latha



"Group B"

25

Roll no	Name of the student	Signature
114020405302	Rathnath Ramiah	Rathnath
114020405064	Chenram Pravi-taja	Chenram Pravi-taja
114020405066	G. Nandini	G. Nandini
114020405333	S. Suvathi	S. Suvathi
114020405141	K. Jahnavi	Jahnavi



Hyderabad, Telangana, India  
 6-2-679 chintal basti, Khairatabad, Hyderabad,  
 Telangana 500004, India  
 Lat 17.409464°  
 Long 78.458724°  
 13/10/22 11:25 AM GMT +05:30

26 "Group C"

Rollno	Name of the student	Signature
114020405261	P. Bhavana	P. Bhavana
114020405204	M. Sruthi	Sruthi M
114020405204	M. Bhargavi	Bhargavi
114020405221	M. KISHAN	Kishan
114020405228	MOHAMMED ISMAIL	Ismail



Hyderabad, Telangana, India  
 Chintal Basti Road Lane, CF55+PFV, Khairatabad H O,  
 Khairatabad, opposite Shadan College, Khairatabad,  
 Hyderabad, Telangana 500004, India  
 Lat 17.4094°  
 Long 78.458647°  
 13/10/22 11:25 AM GMT +05:30

"Group D" 27

Rollno	Name of the student	Signature
114020405342	Syed Ibrahim	Ibrahim
114020405336	Soma Hemant	S. Hemant
114020405372	Vargula Divya	Divya
114020405311	S. Navaneetha	Navaneetha
114020405319	Sanjana Thakur	Sanjana



## SCORE BOARD

S.NO	TEAM	SCORE	
1	GROUP A	1+1+1+1	4
2	<b>GROUP B</b>	<b>1+1+1+1+1</b>	<b>5</b>
3	GROUP B	1+1	2
4	GROUP C	1+1	2

**WINNER: GROUP B**

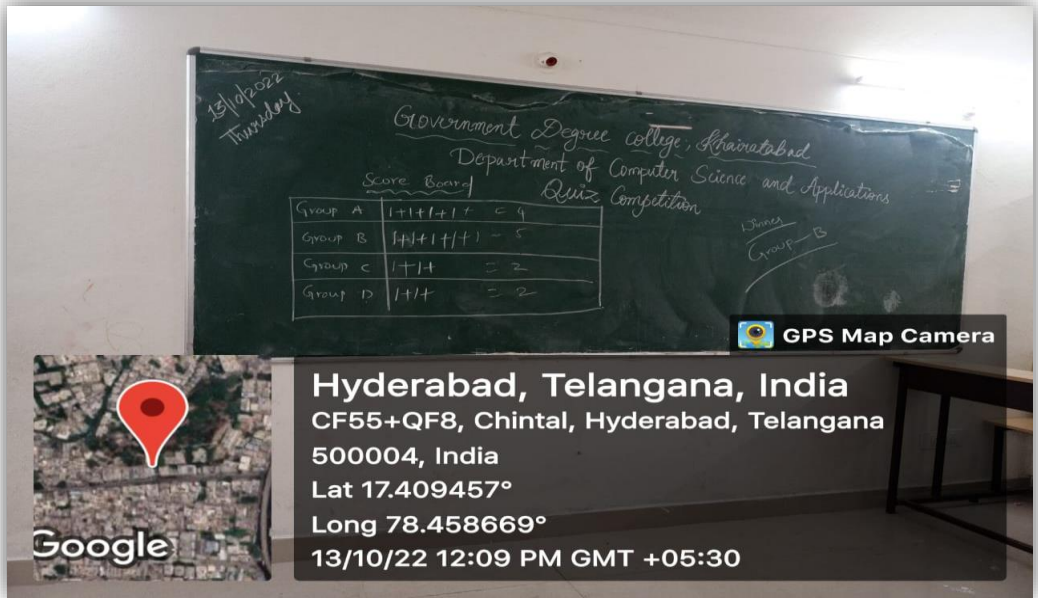




GPS Map Camera

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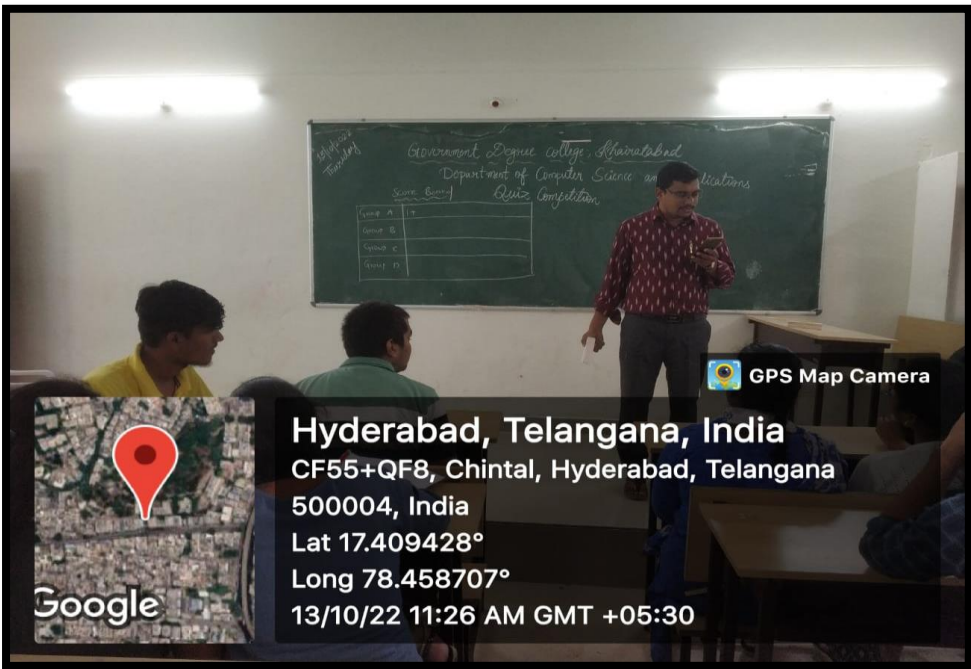
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Long 78.458707°  
13/10/22 11:26 AM GMT +05:30

Google



S.No.	Roll No.	Name	Signature.
01.	114019405119.	G. Radhika	
02.	114020405316	S. Vyshnavi	
03.	114020405315	S. Varshitha	
04.	114020405276	P. Gayathri	
05.	114020405275	P. Ramya	
06.	114020405104	G. Sriroshani	
07.	114020405087	E. Shivani	
08.	114020405015	A. Rajanika	
09.	114020405012	A. Vaishnavi	
10.	114020405181	K. Padma	
11.	114020405195	Malan Begum	
12.	114020405348	T. Kavitha	
13.	114020405051	B. Ruth	
14.	114020405216	M. Heena	
15.	114020405370	V. Devi	
16.	114020405187	L. Prathima	
17.	114020405078	D. Laxmi Bai	
18.	114020405073	D. Dhana Laxmi	
19.	114020405163	K. SriLatha	
20.	114020405353	T. Deepthi Reddy	
21.	114020405346	T. Supriya	
22.	114020405014	A. Shiva Jyothi	
23.	114020405070	Ch. Latha	
24.	114020405095	G. Chandrashekan	
25.	114020405322	S. Nandini	
26.	114020405291	Pulla Reddi Swapna	
27.	114020405297	R. Deepika	
28.	114020405171	K. TARUN REDDY	
29.	114020405043	TS. Mahesh	
30.	114020405224	MD. AMRUPANHA	

31.	114020405011	J. Ashwin Kumar	
32.	114020405007	A. Yogambal chary	
33.	114020405040	B. GHI VA	
34.	114020405077	Deepak kumar ram	
35.	114020405375	V. Chiranjeevi	
36.	114020405085	E. Valli	
37.	114020405009	A. Anil Kumar	
38.	114020405048	B. Anjanayulu	
39.	114020405069	C. Shivakumar	
40.	114020405096	G. Praveen	
41.	114020405184	K. Vinay Kumar	
42.	114020405367	V. Parath Kalpana	
43.	114020405337	T. SOBHA S	
44.	114020405140	K. Vasu	
45.	114020405002	AKHI'	
46.	114020405314	S. Shantaa	
47.	114020405226	Mohammed Hameed Siddiqui	
48.	114020405310	Sahil Khan	
49.	114020405325	Kate shaik Altaf	
50.	114020405327	Shaik Fajeer	
51.	114020405241	Mudassar Uddin	
	114020405218	M. Kavitha	

## Questions

1. IC chips used in computers are usually made of:  
(A) Lead      **(B) Silicon**      (C) Chromium      (D) Gold
2. Which of the following is not an example of an Operating System?  
(A) Windows 98   (B) BSD Unix   **(C) Microsoft Office XP**   (D) Red Hat Linux
3. What is also known as a portable computer?  
**A. Laptop**      B. CPU      C. Monitor      D. Desktop
4. Where was the first computer installed in India?  
**A. Indian Statistical Institute, Kolkata**   B. NIIT   C. ICIT   D. Arth Institute
5. The fathers of the Internet is?  
A. Charles Babbage   B. John McCarthy   **C. Vint Cerf**   D. Barin Lee
6. The function scanf is used to \_\_\_\_  
(A) To take logical decisions   **(B) Input a set of values**  
(C) Print a set of values      (D) Do mathematical manipulations
7. The control structures have \_\_\_\_  
**(A) Only one entry point only one exit point**   (B) Many exit points  
(C) Many entry points      (D) All of these
8. Header files in C contain  
a) Compiler commands      **b) Library functions**  
c) Header information of C programs      d) Operators for files
9. Array subscripts in C always start at  
a) -1      b) 1      **c) 0**      d) Value provided by the user
10. Which of the following is not a storage class specifier in C?  
a)extern      **b)volatile**   c)typedef      d) static
11. External database is  
**(A) Database created using DBMS package**   (B) Database created in MS-Word  
(C) Database created in EXCEL      (D) All of the above
12. ROLLBACK in a database is \_\_\_\_ statement.  
(A) DDL      (B) DML      (C) DCL      **(D) TCL**
13. The logical data structure with a one-to-many relationship is a  
**(A) Tree**      (B) Chain      (C) Network      (D) All of these
14. Which database handles full text data, image, audio and video?  
**(A) Multimedia database**   (B) Video on demand database  
(C) Graphics database      (D) Transaction database
15. In a relational model, relations are termed as  
A. Tuples      B. Attributes      **C. Tables**      D. Rows
16. A type of instruction that produce several lines of machine language code is a  
(A) Assemble   (B) Address   (C) Mnemonic      **(D) Macro**
17. The main function of the CPU is to perform arithmetic and logical operations on data taken from \_\_\_\_  
(A) Permanent memory   (B) Control unit   **(C) Main memory**   (D) CPU
18. Which language is directly understood by the computer without translation program?  
**(A) Machine language**   (B) High level language  
(C) BASIC language      (D) Assembly language
19. Which of the following is associated with second generation computers?  
(A) Magnetic core memory   (B) Operating core memory  
(C) Transistors      **(D) All of these**
20. The biggest manufacturing of workstations is  
**(A) Sun Microsystems**      (B) HP      (C) IBM      (D) DEC

# Government Degree College:: Khairatabad

Department of Computer Science and Applications

A.Y:2022-23

## Academic Competition

### Quiz

Date: 14.10.2022

Course: BSC II YEAR III SEMESTER



36

Group - A

S.No	Roll. no	Name of the student	Signature
1.	1140-21-468-057	K. Santhosh	K.Santhosh
2.	1140-21-468-042	K. Abhishek	K.Abhishek
3.	1140-21-539-08	K. Meenakshi	K.Meenakshi
4.	1140-21-467-049	Pooja	Pooja
5.	1140-21-450-008	K. Mahesh	Kmahesh



Group - B

1.	1140-21-468-009	A. Madhav Krishna	A.Madhav Krishna
2.	1140-21-468-051	K. Anil	Anil
3.	1140-21-539-038	P. BheemRaj	P.BheemRaj
4.	1140-21-467-051	Manjula	manjula
5.	1140-21-450-001	Ayesha	Ayesha





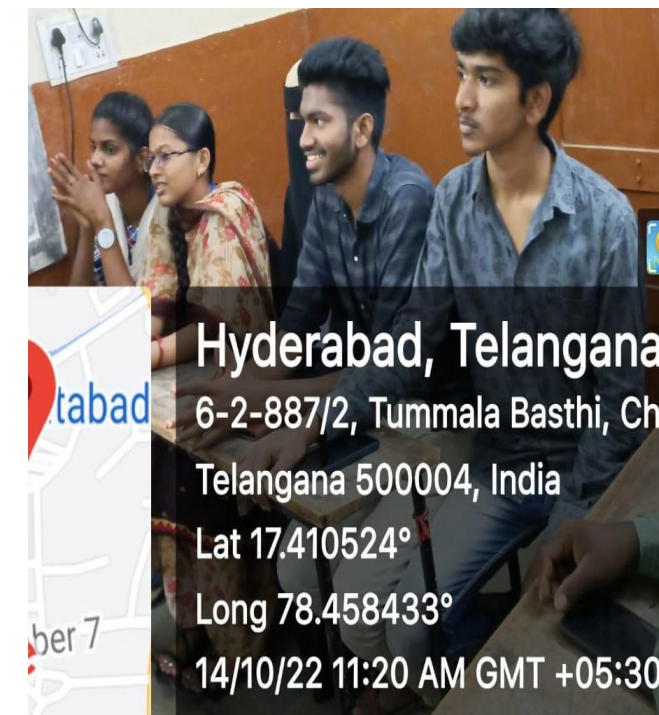
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 500004, India  
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 Long 78.458262°  
 14/10/22 11:15 AM GMT +05:30

Group - C			
1.	1140-21-468-033	G. Nandini	G. Nandini
2.	1140-21-468-079	N. Ravindar	N. Ravindar
3.	1140-21-539-052	Ujwal	Ujwal
4.	1140-21-467-044	Tanjya	Tanjya
5.	1140-21-450-009	Manasa	Manasa



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 500004, India  
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Group - D			
S.No	Roll.no	Name of the student	Signature
1.	1140-21-468-008	A. Supriya	A. Supriya
2.	1140-21-468-091	P. Ritvik	P. Ritvik
3.	1140-21-467-059	V. Naveen	V. Naveen
4.	1140-21-539-046	Ansar	Ansar
5.	1140-21-450-019	T. Priyanka	T. Priyanka



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 500004, India  
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 14/10/22 11:20 AM GMT +05:30

Group - E			
1.	1140-21-468-107	T. Prakash	T. Prakash
2.	1140-21-468-022	Ch. Nagamani	Ch. Nagamani
3.	1140-21-468-116	P. Sujana	P. Sujana
4.	1140-21-467-055	Inayath	Inayath
5.	1140-21-450-002	Aashiya	Aashiya

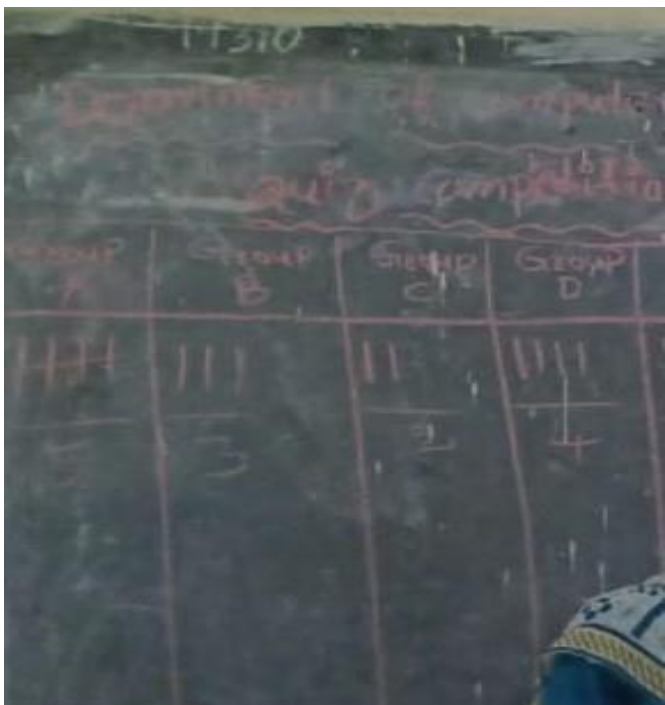
## SCORE BOARD


S.NO	TEAM	SCORE	
1	GROUP A	1+1+1+1+1	5
2	GROUP B	1+1+1	3
3	GROUP C	1+1	2
4	GROUP D	1+1+1+1	4
5	GROUP E	1+1+1	3

**WINNER: GROUP A**







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# Quiz Competition

BSc (MPCs & MSCs & MSDs & Li.SG)

S.No	Roll no	Name of the student	Signature
01.	1140-21-468-057	K. Santhosh.	K. Santhosh
02.	1140-21-468-009	A. Madhav Krishna	A. Madhav Krishna
03	1140-21-468-077	N. Ravindar	N. Ravindar
04	1140-21-468-092	P. Narendar	P. Narendar
05	1140-21-468-039	G. Shiva Kumar	G. Shiva Kumar
06	1140-21-468-018	Z. Siva Kumar	Z. Siva Kumar
07	1140-21-468-015	B. Nagaraju	B. Nagaraju
08	1140-21-468-012	B. Srikanth	B. Srikanth
09	1140-21-450-011	M. Srikanth	M. Srikanth
10	114021450008	K. Mahesh	K. Mahesh
11	114021450014	P. Ganesh	P. Ganesh
12	114021539038	P. Bheemraj	P. Bheemraj
13.	114021468042	K. Abhishek	K. Abhishek
14.	114021468005	A. Yashwanth	A. Yashwanth
15.	114021468013	B. Hemanth	B. Hemanth
16.	114021468046	K. Nandini	K. Nandini
17.	114021468001	Akula Anusha	Akula Anusha
18.	114021468058	K. Charanjini	K. Charanjini
19.	114021539047	S. Rishika	S. Rishika
20	114021468022	Ch. Nagamani	Ch. Nagamani
21	114021468004	Amula Anusha	Amula Anusha
22	114021468099	R. Nandini F	R. Nandini
23.	114021468033	G. Nandini	G. Nandini
24.	114021468116	V. Srujana	V. Srujana
25.	114021468008	A. Supriya	A. Supriya
26.	114021468107	T. Prakash	T. Prakash
27.	114021468088	P. Anitha	P. Anitha
28.	114021467059	V. Naveen	V. Naveen
29.	114021467014	G. Mahesh	G. Mahesh
30.	114021539056	Pavan Goud	Pavan Goud
31.	114021450019	T. Priyanka	T. Priyanka

S.No	Roll no	Name of the student	Signature
32.	114021450009	M. Manasa	M. Manasa
33.	114021450001	Ayeshabequm	Ayeshabequm
34.	114021450017	Saniya mirza kousay	Saniya mirza kousay
35.	114021450002	Arshiya kousay	Arshiya kousay
36.	114021450018	S. Swetha	S. Swetha
37.	114021450004	Meghana	Meghana
38	114021450001	Divya	Divya
39.	114021468051	K. Anil	K. Anil
40.	114021468000	P. Rithik	P. Rithik
41.	11402147055	Shaik Inayat	Shaik Inayat
42.	114021539022	K. Jaya Sri	K. Jaya Sri
43.	114021539029	M. Sai Lakshmi	M. Sai Lakshmi
44.	114021539017	G. Sarwanth	G. Sarwanth
45.	114021539055	V. Malleshwari	V. Malleshwari
46.	114021539034	M. Manishma	M. Manishma
47.	114021539018	Meenakshi Soumya	Meenakshi Soumya
48	114021467020	G. Shana Lami	G. Shana Lami
49	114021467017	G. Keerthi	G. Keerthi
50	114021467009	Ch. pojittha	Ch. pojittha
51	114021467044	N. Tanuja	N. Tanuja
52	114021467051	R. Manjula	R. Manjula
53	114021467049	Pooja	Pooja
54	114021467018	G. Manasa	G. Manasa
55	114021467034	L. Deepika	L. Deepika
56	114021467035	L. Deepthi	L. Deepthi
57.	114021539008	B. Harish	B. Harish
58.	114021539004	A. Manoj	A. Manoj
59	114021539015	O. Annamiah	O. Annamiah
60.	114021539043	R. Vinod Goud	R. Vinod Goud
61	114021539051	T. Mahendar	T. Mahendar
62	114021539050	T. Uday Kumar	T. Uday Kumar



1. Which Concept allows you to reuse the written code in c++ ?  
(A) **Inheritance** (B) Polymorphism (C) Abstraction (D) Encapsulation
2. The C++ code which causes abnormal termination/behavior of a program should be written under\_\_ block  
(A) catch (B) throw (C) **try** (D) finally
3. Who developed Python Programming Language?  
A. Wick van Rossum B. Rasmus Lerdorf C. **Guido van Rossum** D. Niene Stom
4. Which of the following is the default parameter passing method?  
A. **Call by value** B. Call by reference C. Call by value result D. None of the above
5. Which of the following is used to define a block of code in python language?  
A. **Indentation** B. Key C. Brackets D. All of the mentioned
6. Which of the following functions can help us to find the version of python that we are currently working on?  
(A) sys.version (1) (B) sys.version(0) (C) sys.version () (D) sys.version
7. To add a new element to a list we use which python command?  
(A) list1.addEnd(5) (B) list1.addLast(5) (C) **list1.append(5)** (D) list1.add(5)
8. Which one programming language is exclusively used for artificial intelligence  
a) C b) Java c) J2EE **d) Prolog**
9. What is the extension of PDF
10. Do no evil' is tag line of...
11. A function which calls itself is called....  
(A) Self function (B) Void function (C) **Recursive function** (D) Static function
12. The process of pickling in Python includes \_\_\_\_\_  
(A) **conversion of a Python object hierarchy into byte stream**  
(B) conversion of a datatable into a list  
(C) conversion of a byte stream into Python object hierarchy  
(D) conversion of a list into a datatable
13. Which module in python supports regular expressions?  
(A) **re** (B) regex (C) pyregex (D) None of the above
14. What will be the output of the following python code?Print ("abc.DEF".capitalize())  
(A) **Abc.def** (B) Abc.def (C) Abc.Def (D) ABC.DEF
15. What is the expansion of SMS
16. Who founded Apple Computer?  
(A) Stephen Fry (B) Bill Gates (C) **Steve Jobs** (D) Stephen Hawking
17. 1 GB is equal to  
(A) **1024 MB** (B) 1028 MB (C) 256 MB (D) 1012 MB
18. Which of the following statements is used to create an empty set in Python?  
(A) () (B) [] (C) {} (D) **set()**
19. What does DMA stand for?
20. ASCII stands for?
21. ISP stands for:  
(A) Internet Survey period (B) Integrated Service Provider (C) Internet Security Protocol (D) Internet Service Provider
22. Which of the following operating systems is produced by IBM?  
(A) OS-2 (B) Windows (C) DOS (D)

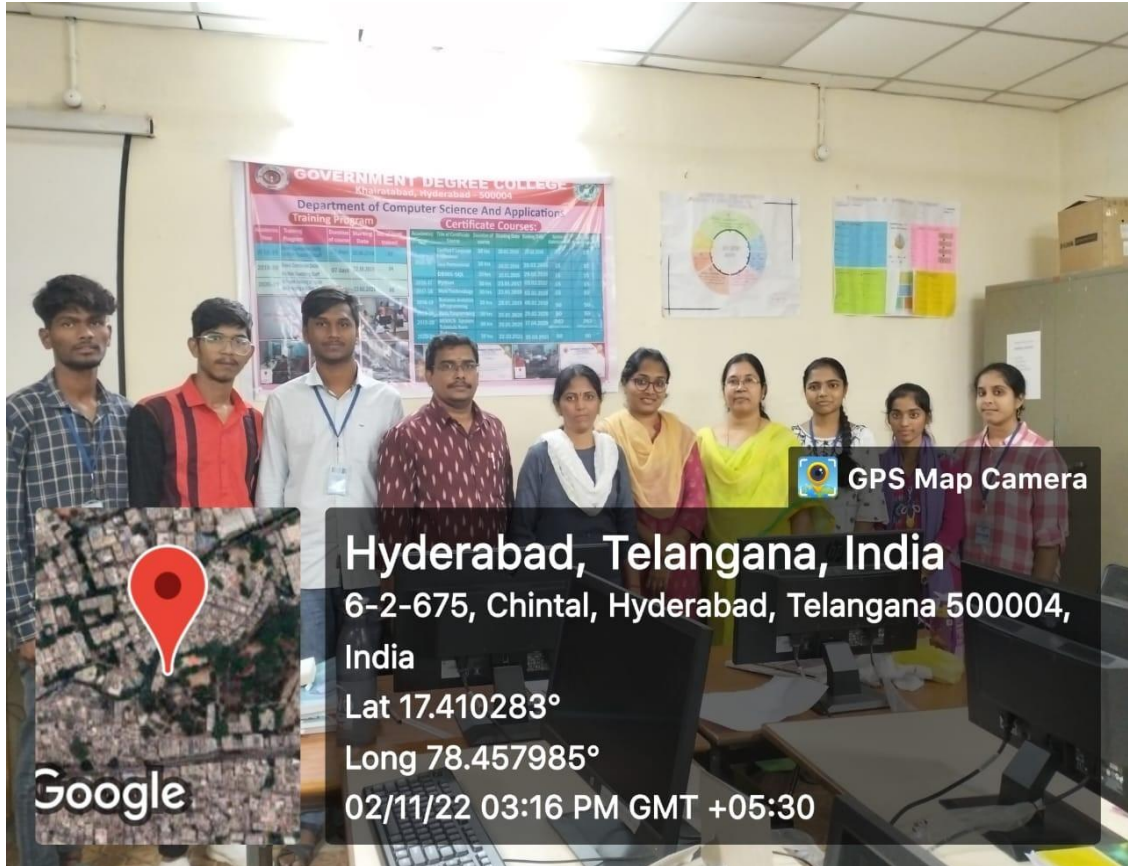
**GOVERNMENT DEGREE COLLEGE KHAIRATABAD  
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

**A.Y.2022-23**

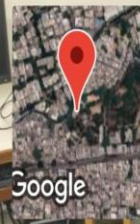
**Best Practices**

**Appreciation of the students for the best performance in the end examinations**

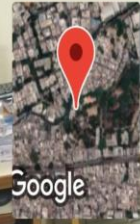
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1	B.Com (CA)	II	C&C++	G. Radhika	PITTALA MAMATHA
				Dr.S.Srinivasu Jagadeesh.P	INDRAKANTI ANOHAR KALE GOUTHAM K. MURALI KRISHNA KOLLURU.LAVANYA KOUKUNTLA PUJA MD SABER
		IV	Web technology	G.Radhika	SHIREEN BEGUM S. VIJAYA LAXMI T. SURYA TEJA V. SRINU
2	BSc	II	C&C++	K.Swarna & CH.Madhavi	BARRENKA HEMANTH UNTANOORI NARASIMHA
	<u>MPCs</u>				
	MDCs	B.Rajitha rani	M NAGESH GOUD NAINAM SANJAY PAIDIPELLI BHEEMRAJ		
	MPCs	IV	DBMS	K.Swarna & CH.Madhavi	KASA SHIVA KUMAR MD. AMREZ PASHA NEELAM MADHU



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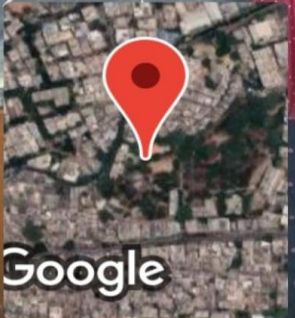
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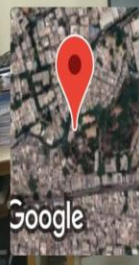
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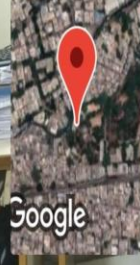


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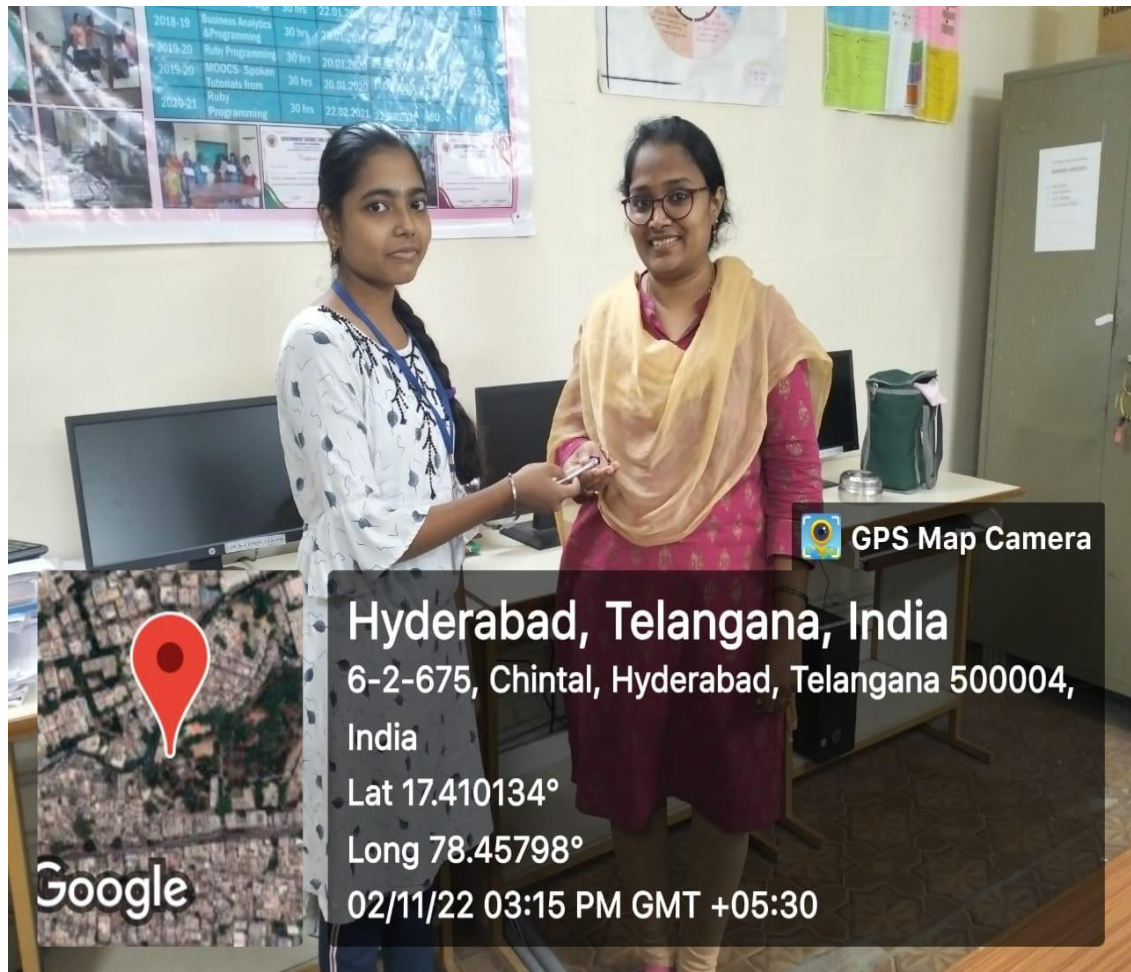
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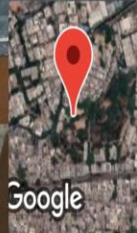
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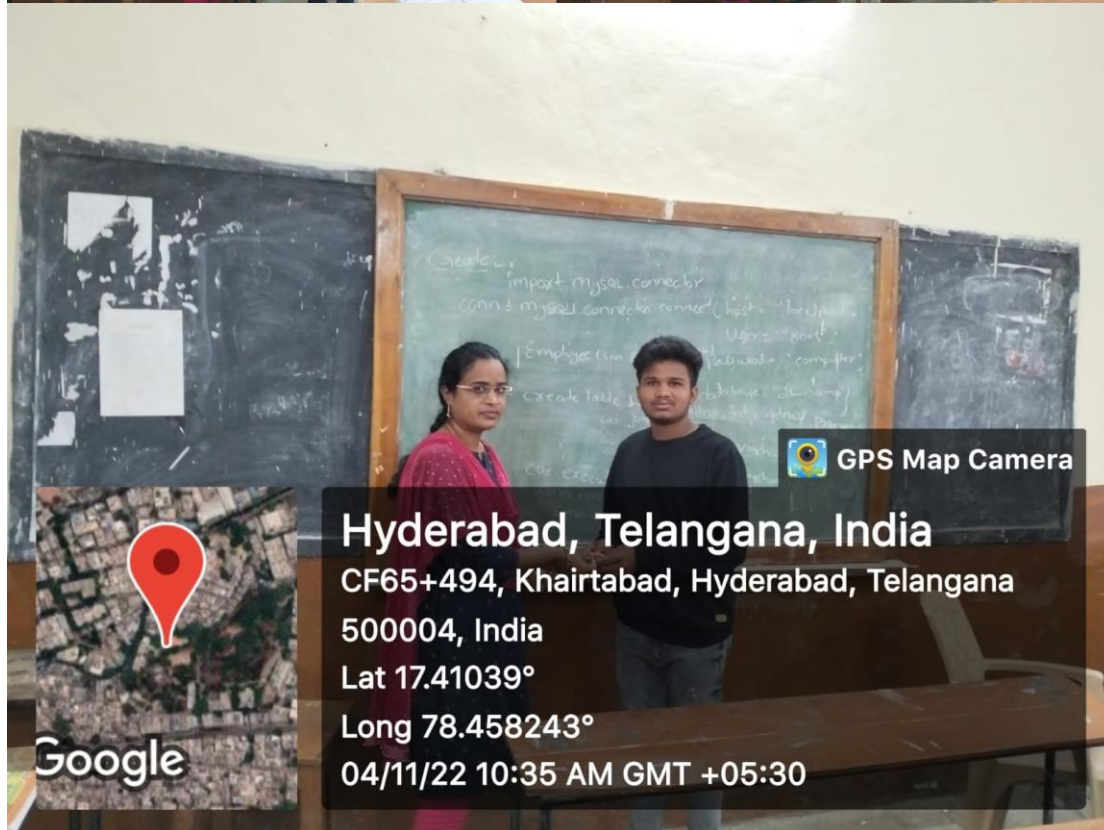




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500004, India  
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# **Government Degree College Khairatabad**

**Academic Year**

**2022-23**

**Record of  
Certificate course**



**Department of Computer Science  
& Applications**



# GOVERNMENTDEGREECOLLEGE-KHAIRATABAD

## Department of Computer Science and Applications Academic Year 2022-23

### Department Meeting

Date: 27.10.2022

All the faculty members of the department have attended a meeting on 27.10.2022 in the department staff room Dr.S.Srinivasu, in-charge, department of Computer Science and Applications has presided the meeting. All other faculty members were present the meeting and following are the minutes discussed in the meeting.

#### **Agenda**

- To discuss on introduction of a certificate course in “**A Certificate course - Advanced tools in Excel**”.
- To prepare syllabus for the same course
- To discuss any other matter, with the permission of the chair.

#### **Discussions & Resolutions:**

- All the participants of the meeting were thoroughly discussed the possibilities of introduction of the proposed certificate course in the department.
- Members also resolved unanimously resolved to start the course from **03.11.2022 to 17.11.2022**.
- It was also resolved to circulate this information among all the students of non-computer and encourage them for good enrollment.
- And also resolved that not to collect any fee from the students for attending the course.







# GOVERNMENT DEGREE COLLEGE::KHAIRATABAD

Affiliated to Osmaniya University  
Accredited by NAAC with B+ & ISO 9001 : 2015 Certified  
(Kharatabad, Hyderabad District, Telangana State-500004)



A.Y.2022-23

## Circular

**Date: 28.10.2022**

Department of Computer Science and Applications is going to organize  
A Two week Training program/Certificate course in “Advanced tools in Excel” from  
**03.11.2022 to 17.11.2022.**

Interested staff members and students can enroll into this certificate course  
and further details contact the Department of Computer Science and Applications.

PRINCIPAL

<b>TITLE OF THE PROGRAM</b>	<b>Two week training program cum Workshop on Advanced Tools in Excel</b>
<b>DATE OF THE EVENT</b>	<b>03.11.2022 to 17.11.2022</b>
<b>RESOURCE PERSONS</b>	<b>Faculty members of Department of Computers</b>

### **OBJECTIVES OF THE PROGRAM:**

After completion of the Advanced Excel course you will be able to:

Use advanced functions and productivity tools to assist in developing worksheets.

Manipulate data lists using Outline, Auto filter and PivotTables.

Use Consolidation to summaries and report results from multiple worksheets.

### **BRIEF DISCRPTION:**

Microsoft Excel helps companies maximize the value of their data, helping to control costs more effectively and obtain business information. Easy data entry and operations: One of the main advantages of MS excel is that it facilitates smooth and easy data entry.

# GOVERNMENT DEGREE COLLEGE-KHAIRATABAD

## Department of Computer Science and Applications Academic Year 2022-23

“Certificate course - Advanced tools in Excel”.

From

03.11.2022 to 17.11.2022

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### SYLLABUS

#### Basics of computer

What is Computer, Basic Applications of Computer; Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices, Computer Memory, **Concepts of Hardware and Software**; Concept of Computing, Connecting keyboard, mouse, monitor and printer to CPU and checking power supply.

#### MS Office

**Basics of MS-Excel:** Opening of Spread Sheet Addressing of Cells, Printing of Spread Sheet, Saving Workbooks, Manipulation of Cells, Entering Text, Numbers and Dates .Creating Text, Number and Date Series, Editing Worksheet Data, Inserting and Deleting Rows, Column, Changing Cell Height and Width Formulas and Function, Using Formulas, function.

#### Advanced tools in Excel

Filters, VLOOKUP, Sum Function, MAX MIN function, IF Function, IF(Criteria, True, False value), SUMIF Function, COUNTIF Function, AND Function, OR function, LEFT Function, RIGHT Function, CONCATENATION Function, ROUND Function, PROPER Function, NOW Function, Change the case, TRIM , Customized MAX MIN, Choose(), REPT(), TYPE(), Time functions like WEEKNUM(), WORKDAY(), NETWORKDAYS(), YEARFRAC(), EDATE() and some Mathematical functions

**Excel – Chart Recommendations:** Change in Charts Group, Chart Recommendations, Fine Tune Charts Quickly, Select / De-select Chart Elements, Format Style, Format Color8, Filter Data being displayed on the Chart

Excel – Chart Design: Ribbon of Chart Tools, Quick Layout, Change Colors, Chart Styles, Switch Row / Column, Select Data, Change Chart Type, Move Chart

Excel – New Functions: Functions by Category New Functions in Excel 2013, User Defined Functions in Add-ins, Web Functions

Excel – PivotTable Recommendations: Create a PivotTable to analyze external data, Connect to a new external data source, Using the Field List option, PivotTables based on Multiple Tables

Excel – Pivot Table Tools: Source Data for a PivotTable, Change to a Different External Data Source, Delete a PivotTable, Using the Timeline, Use a Timeline to Filter by Time Period, Create a Standalone PivotChart

Excel – Workbook Analysis: Diagram, Workbook Relationship, Worksheet Relationship, Cell Relationship, Clean Excess Cell Formatting

Excel – Visualizations : Create Charts and other Visualizations, Visualization – Matrix, Visualization – Card, Visualization – Charts





# **Government Degree College, Khairatabad, Hyderabad**

**Department of Computer Science and Applications**

**Certificate Course, A.Y:2022-23**

**Advanced tools in Excel**

**Question Paper**

**Time: 60 min**

**Max. Marks: 40**

**Answer any four of the following questions**

**4\*10M=40M**

1. What are the steps for creating a charts group?
2. Write the functions in excel?
3. How to create a Pivot Table?
4. What is Visualizations?
5. Write about Chart Designs?
6. Write about Workbook Analysis?

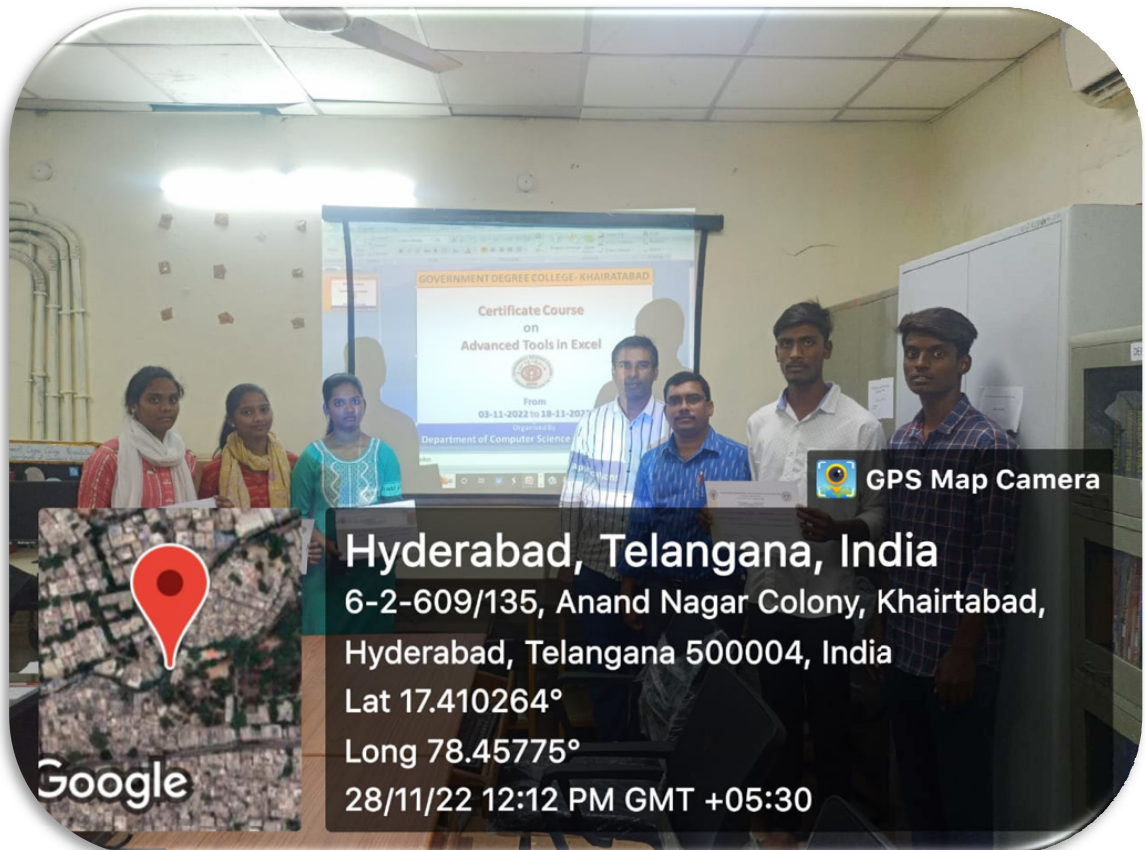
**GOVERNMENT DEGREE COLLEGE- KHAIRATABAD**

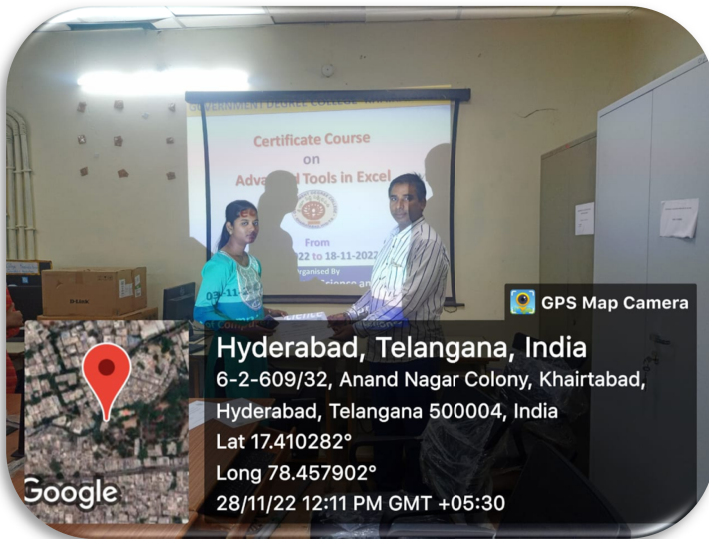
**Certificate Course**  
**on**  
**Advanced Tools in Excel**



**From**  
**03-11-2022 to 18-11-2022**

**Organised By**  
**Department of Computer Science and Applications**









**GOVERNMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD**

**AFFILIATED TO OSMANIA UNIVERSITY**

Re-accredited with 'B+' grade by NAAC

**CERTIFICATE**



This is to certify that \_\_\_\_\_ has

successfully completed a certificate course on "*Advanced tools in Excel*" of two weeks duration held from

*03.11.2022 to 17.11.2022* conducted by the Department of Computer Science and Applications.

G. Radhika & Jagadeeshwar.P

ORGANIZERS

Dr. S.Srinivasu

CONVENER

Dr. B. Rajendra Kumar

PRINCIPAL



# Government Degree College :: Khairatabad

Department of Computer Science and Applications

A.Y: 2022-23

## Group Discussion

Date: 11.11.2022

**Group:** B COM CA II YEAR III SEM

**Subject:** RDBMS

**Topic:** Social Media

Group-A



Group-B



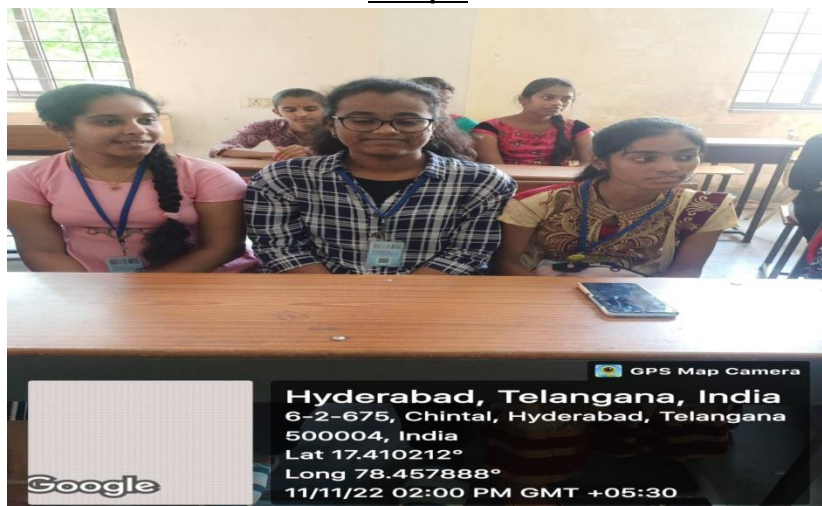
Group-C



Group-D



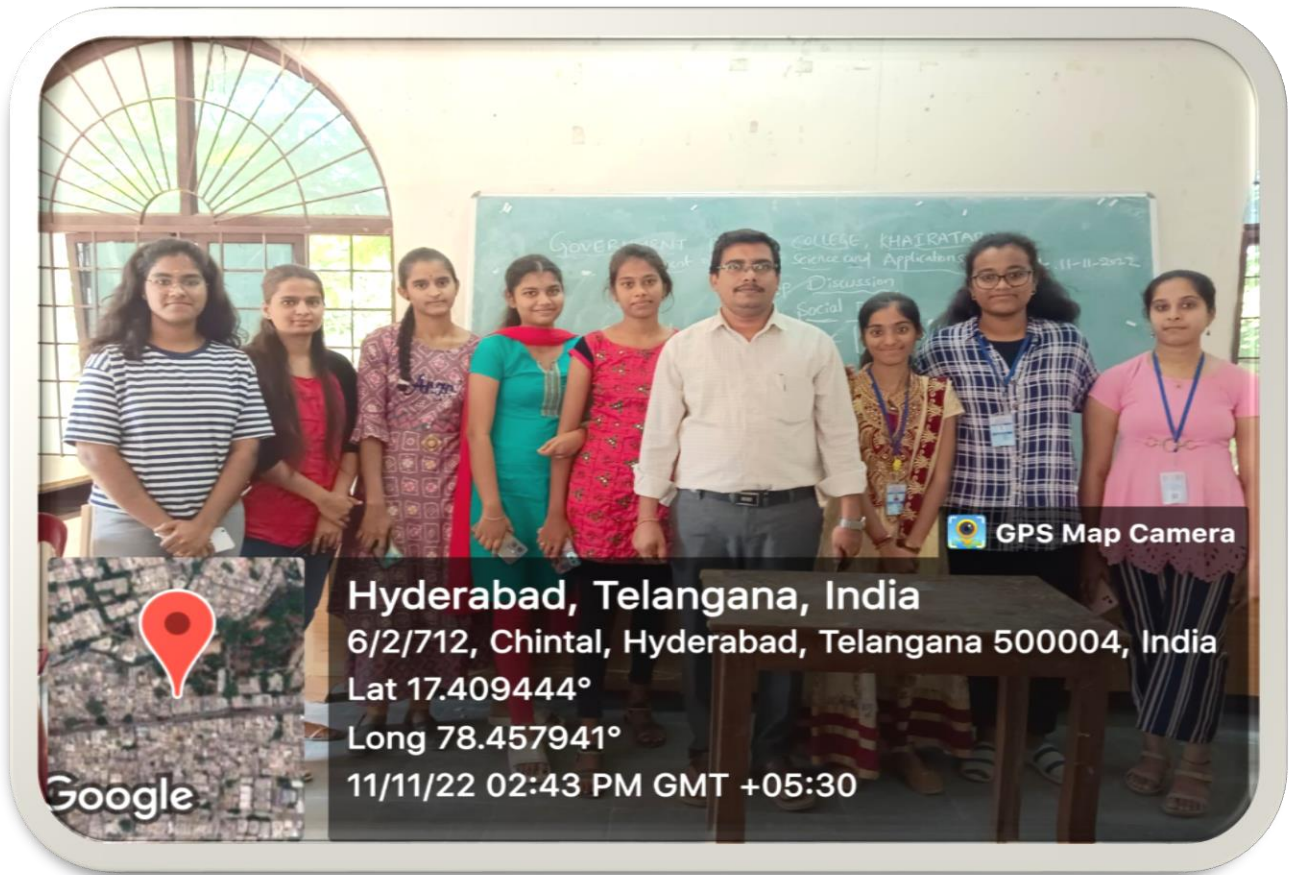
Group-E



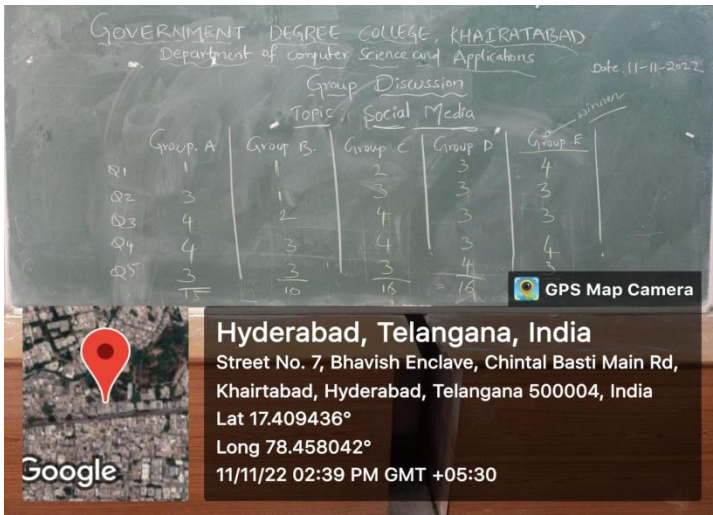
## Score Board

Question	Group-A	Group-B	Group-C	Group-D	Group-E
1	1	1	2	3	4
2	3	1	3	3	3
3	4	2	4	3	3
4	4	3	4	3	4
5	3	3	3	4	3
<b>Total</b>	<b>15</b>	<b>10</b>	<b>16</b>	<b>16</b>	<b>17</b>

## Winner









# **GOVERNMENT DEGREE COLLEGE-KHAIRATABAD**

**Academic Year  
2022-23**

**A  
Workshop  
On  
e-Office Practicing Tools  
For  
Teaching and Non Teaching Staff**



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**Department of Computer Science and Applications  
And  
Department of Mathematics**



# GOVERNMENT DEGREE COLLEGE::KHAIRATABAD

Affiliated to Osmaniya University  
Accredited by NAAC with B+ & ISO 9001 : 2015 Certified  
(Kharatabad, Hyderabad District, Telangana State-500004)



**A.Y.2022-23**

## **Circular**

**Date: 31.12.2022**

All the teaching and non teaching staff is directed to attend One day Workshop on **e-Office Practicing Tools for Teaching and Non Teaching Staff** on **03.01.2023 for paperless work in academic and administration.**

This workshop is organizing the Department of Mathematics and Computer Science and Applications.

**PRINCIPAL**

<b>TITLE OF THE PROGRAM</b>	<b>One day Workshop on e-Office Practicing Tools for Teaching and Non Teaching Staff</b>
<b>DATE OF THE EVENT</b>	<b>03.01.2023</b>
<b>RESOURCE PERSONS</b>	<b>Sri.T.Naveen Chander Raju,</b> <b>Assistant Professor of Mathematics</b> <b>Dr.S.Srinivasu</b> <b>Assistant Professor in Computer Science, GDC- Khairatabad</b>

### **OBJECTIVES OF THE PROGRAM:**

The eOffice aims to support Governance by ushering in more effective and transparent inter and Intra-Government processes. The vision of e-Office is to achieve a simplified, responsive, effective and transparent working of all Government Offices.

As the part of college administration, to manage the Academic and administrative works between the staff and admin in the college. This workshop is to enhance the paper less work in working environment through eOffice tools to update the files in the concern departments in the college. This workshop is a One day Workshop on “e-Office Practicing Tools” for Teaching and Non Teaching Staff is going to organize by the Department of Mathematics and Department of Computer Science and Applications.

### **BRIEF DISCRPTION:**

The eOffice tool aims to support governance in this institute with more effective and transparent like college academic and admin processes.

The vision of e-Office is to achieve a simplified, responsive, effective and transparent working of all government offices.

eOffice has been built, makes it a reusable framework, paperless work and a standard reusable product amenable to replication across the governments, at the central, state and district levels.

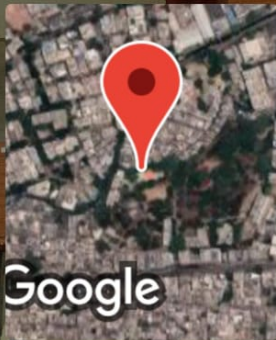
- Enhance transparency – files can be tracked and their status is known to all at all times
- Increase accountability – the responsibility of quality and speed of decision making is easier to monitor.
- Assure data security and data integrity.
- Provide a platform for re-inventing and re-engineering the government.
- Promote innovation by releasing staff energy and time from unproductive procedures.
- Transform the government work culture and ethics.
- Promote greater collaboration in the work place and effective knowledge management

The main purpose of an office environment is **to support its occupants in performing their jobs**. Work spaces in an office are typically used for conventional office activities such as reading, writing, and computer work.





GPS Map Camera



Hyderabad, Telangana, India

6-2-810, Tummala Basthi, Khairatabad, Hyderabad,

Telangana 500004, India

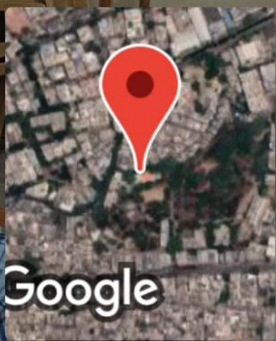
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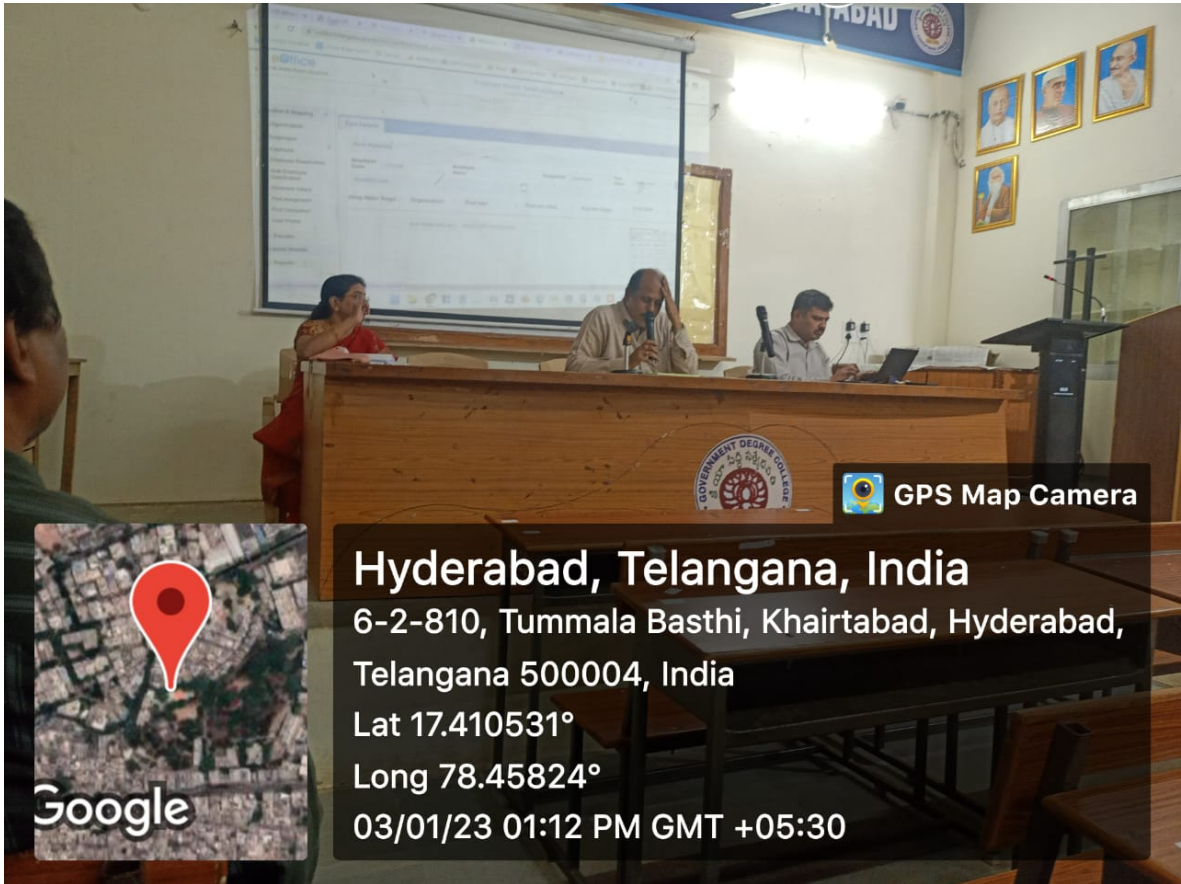
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
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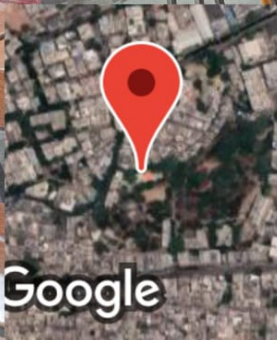
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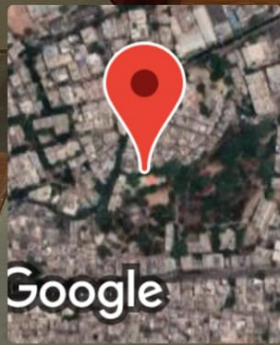
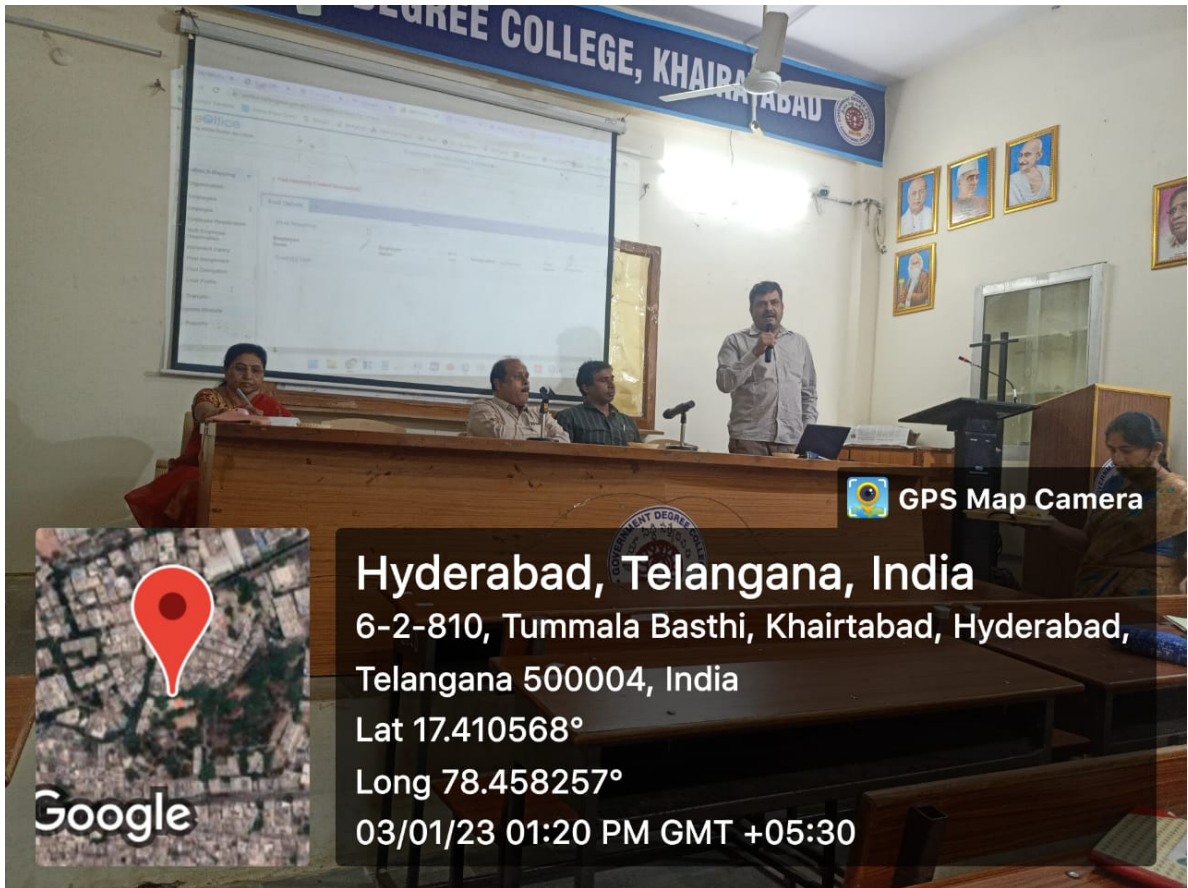
**Hyderabad, Telangana, India**

6-2-810, Tummala Basthi, Khairtabad, Hyderabad,  
Telangana 500004, India

Lat 17.410529°

Long 78.458257°

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 Telangana 500004, India  
 Lat 17.410568°  
 Long 78.458257°  
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Please enter details to proceed

Enter User Name eg. userid[at]domain[dot]in

Enter Password

Next

Forgot Password

Ministry of Electronics

Sabka Saath  
Sabka Vikas  
Sabka Vishwas  
Sabka Prayas

Tip of the day

Keep changing your Password often and make them complex and not guessable.

Parichay Authenticator

Kavach

Parichay Authenticator and Kavach should be downloaded only from authentic platforms.

Extend ID  
(Retired Officers)

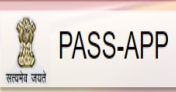
Update Mobile &  
Profile

Due to security reasons '**OTP on Email option**' has been discontinued from Multi-factor Authentication page. Now, you may use OTP on mobile and login with remember the browser option. Also, you may use Backup Codes in case of Emergency. To know how to generate and download Backup Codes, kindly go to [Help](#) > [User Manual](#).



← → ↻ 🏠 📄 ⭐ 🔒 👤

passapp.email.gov.in/passapp/



# PASS-APP


This site is best viewed in Firefox 3.5 and above, IE 9 and above, chrome 18 and above.

Enter your Nicemail Address and Captcha value to begin

Enter eMail Address

Enter last 4 digit of your registered mobile number

Enter the contents of the image below







Update Mobile Number

**\*\*Service is for authorised users only, any invalid/unauthorised attempt would be subjected to legal action\*\***

\*Mail Address is the email address assigned to you by NIC.

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National Informatics Centre

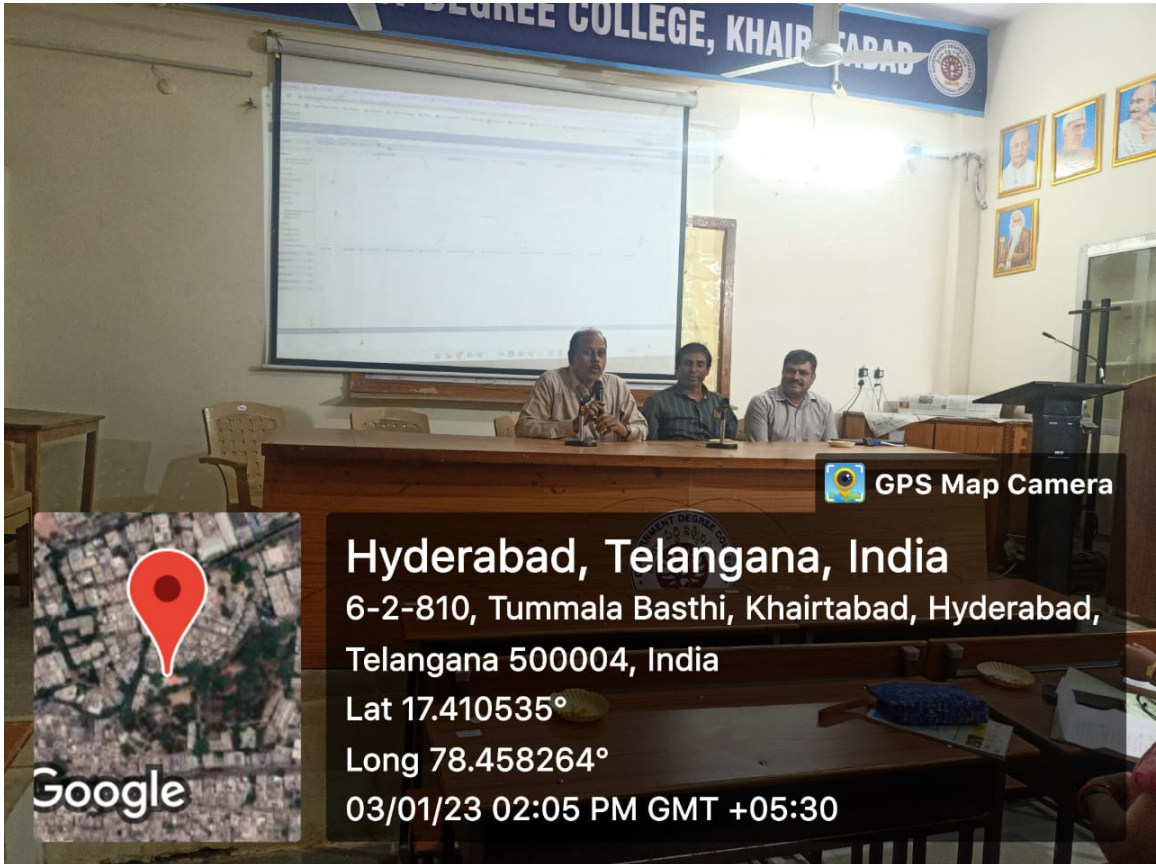



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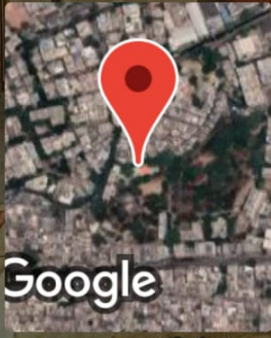


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Telangana 500004, India  
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Google



 GPS Map Camera



**Hyderabad, Telangana, India**


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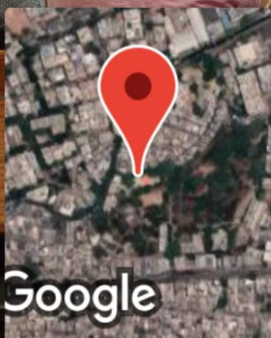
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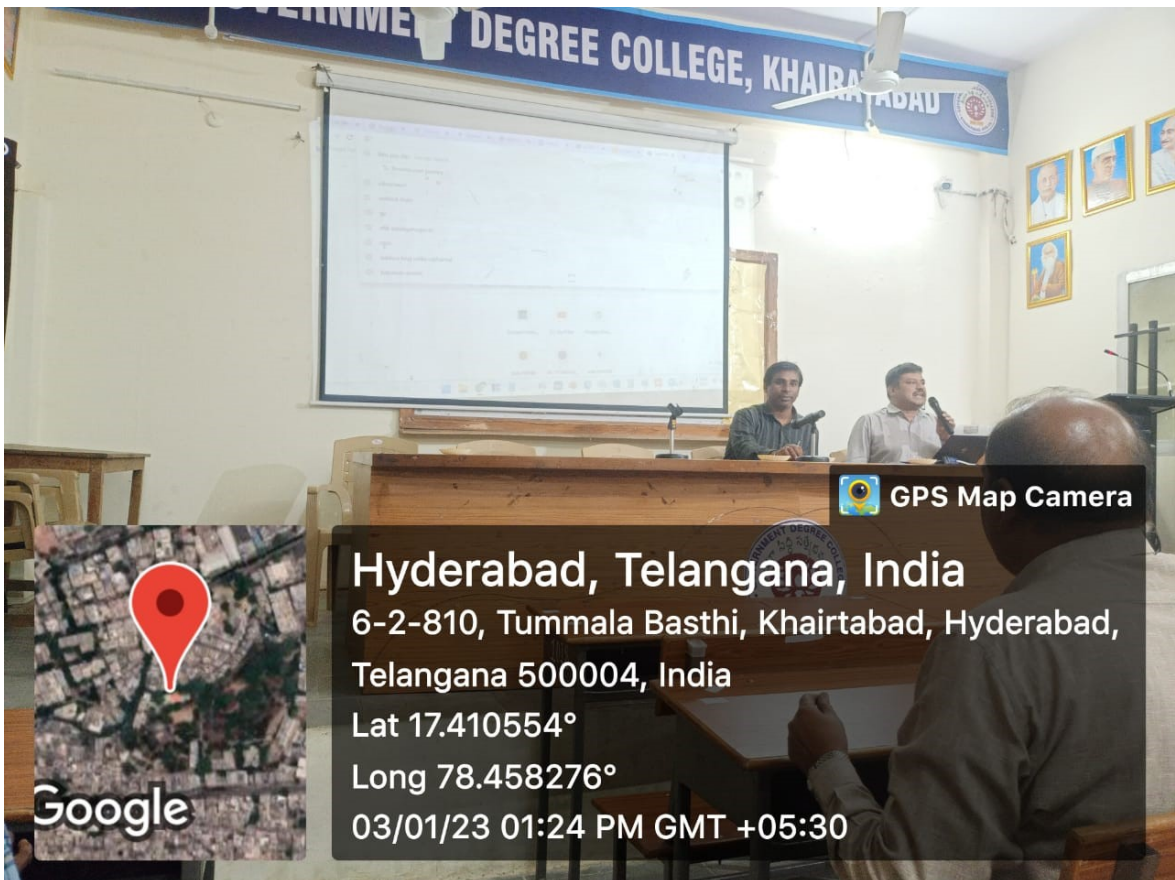
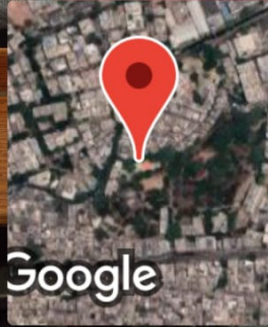
Hyderabad, Telangana, India

6-2-810, Tummala Basthi, Khairatabad, Hyderabad,  
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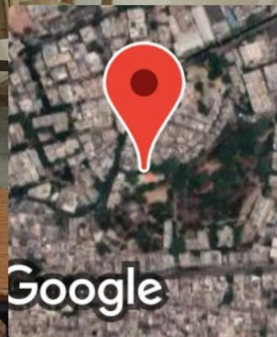
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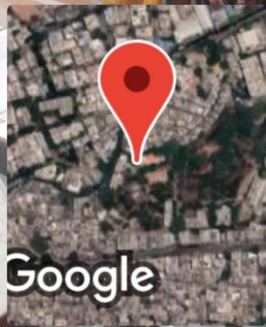
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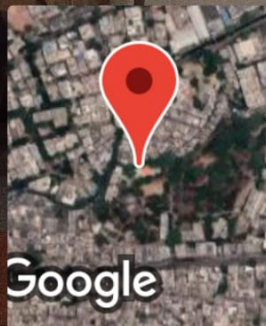
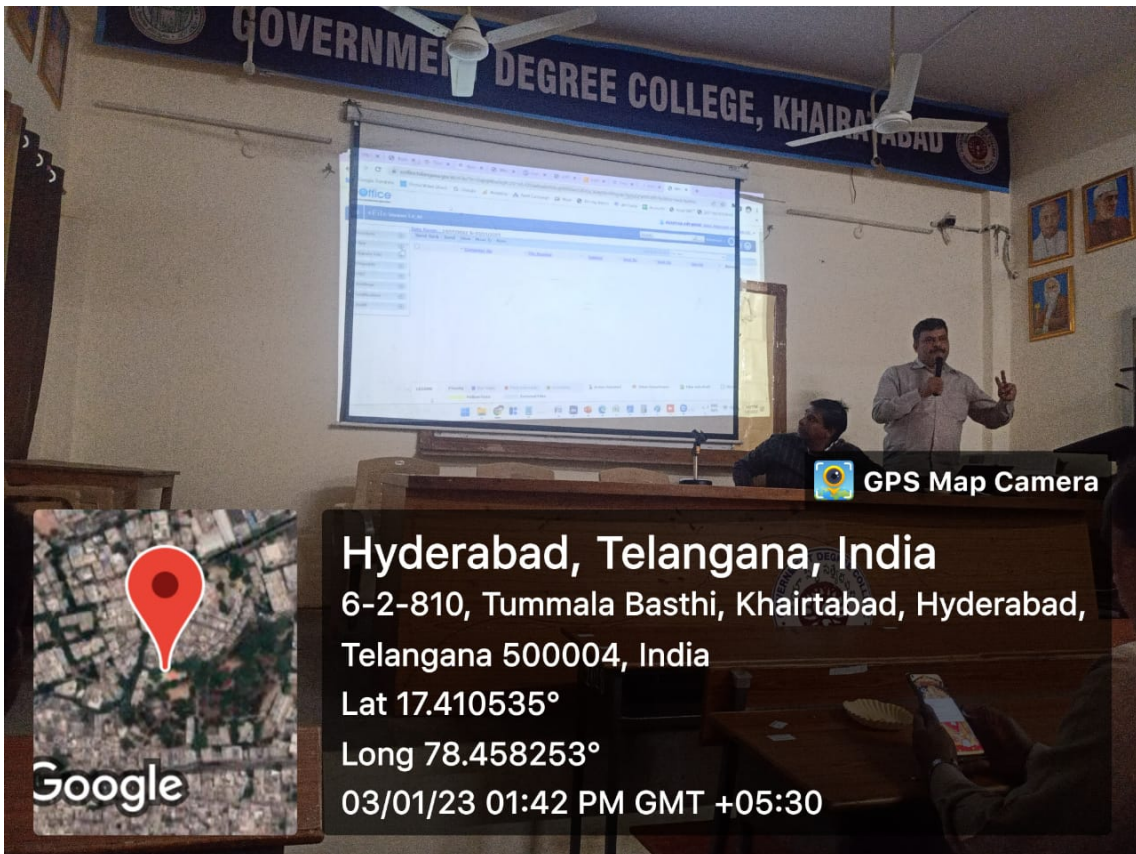
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**Hyderabad, Telangana, India**

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Telangana 500004, India

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Long 78.458253°

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*Am*



# **Government Degree College Khairatabad, Hyderabad**

## **Extension Lectures A.Y. 2022-23**



### **Record of Extension Lectures**

## **Department of Computer Science & Applications**



## **Extension Lectures**

<b>S.No.</b>	<b>Academic Year</b>	<b>Name of the Lecturer</b>	<b>Topic</b>	<b>Date</b>
1	2022-23	Dr.A.V.Krishna Prasad Assistant Professor of Computer Science, MVSR Engineering College, Hyd	Web Technologies and Programming	09.03.2023
2	2022-23	MD.AAQIB FERAZ, CEO, TAGCOR Inda online Services Pvt Ltd, Hyderabad	Technical skills for Placements	24.04.2023

<b>TITLE OF THE PROGRAM</b>	Web Technologies and Programming
<b>DATE OF THE EVENT</b>	09.03.2023
<b>RESOURCE PERSON/ CHIEF GUEST</b>	Dr. A V Krishna Prasad, Assistant Professor in Computer Science, MVSR Engineering College, Hyderabad.

#### **OBJECTIVES OF THE PROGRAM:**

As the part of departmental activities and to inculcate research aptitude among the student community Department of Computer Science and Applications is organized an Extension Lecture with Dr. A V Krishna Prasad, Assistant Professor in Computer Science, MVSR Engineering College, Hyderabad.

#### **BRIEF DISCRPTION:**

Department of Computer Science & Applications organized an extension on Web Technologies to the students of B.Sc. final year. The resource person explained the HTML Tags and web page development tools. He exploited the present day web applications. He inculcated the young brains with innovations in present day science and technology.

## Extension Lecture in Computer Science



- **HTML Tags**

HTML tag is a code that describes how a web page is formatted and following are the details of tags in brief.

- HTML tags are used to mark-up HTML elements
- HTML tags are surrounded by the two characters < and >
- The surrounding characters are called angle brackets
- HTML tags normally come in pairs like <b> and </b>
- The first tag in a pair is the start tag, the second tag is the end tag
- The text between the start and end tags is the element content
- HTML tags are not case sensitive, <b> means the same as <B>

### Basic HTML tags:

The most important tags in HTML are tags that define headings, paragraphs and line breaks.

Basic HTML document tags are <html>, <head>, <title>, <body>

- **Headings**

Headings are defined with the <h1> to <h6> tags. <h1> defines the largest heading. <h6> defines the smallest heading.

<h1>This is a heading</h1>

<h2>This is a heading</h2>

<h3>This is a heading</h3>

<h4>This is a heading</h4>

<h5>This is a heading</h5>

Basic HTML Tags	Tag description
<html>	Define html document
<body>	Defines the document's body
<h1> to <h6>	Defines header 1 to header 6
<p>	Defines a paragraph
 	Insert a single line break
<hr>	Defines a horizontal rule
<!-->	Defines a comment



`<h6>This is a heading</h6>`

HTML automatically adds an extra blank line before and after a heading. A useful heading attribute is `align`.

- **Paragraphs**

Paragraphs are defined with the `<p>` tag.

`<p>This is a paragraph</p>`

`<p>This is another paragraph</p>`

HTML automatically adds an extra blank line before and after a paragraph.

- **Line Breaks**

The `<br>` tag is used when you want to end a line, but don't want to start a new paragraph.

The `<br>` tag forces a line break wherever you place it. It is similar to single spacing in a document.

`<p>This<br> is a para<br>graph with line breaks</p>`

The `<br>` tag is an empty tag. It has no closing tag.

- **Comments in HTML**

The comment tag is used to insert a comment in the HTML source code. A comment will be ignored by the browser. You can use comments to explain your code, which can help you when you edit the source code at a later date.`<!-- This is a comment -->`

**Note:** that you need an exclamation point after the opening bracket, but not before the closing bracket.

## List of Attended Students

S No	Id No.	Name Of The Student	Group	Signature
1	114021468001	AKULA ANUSHA	II MPCs	
2	114021468002	A MARUTHI	II MPCs	
3	114021468004	AMULA ANUSHA	II MPCs	
4	114021468005	ANDHAVARAPU YASHWANTH	II MPCs	
5	114021468006	ANEM VISHNUMURTHY	II MPCs	
6	114021468007	ANGOTH SARDHAR	II MPCs	
7	114021468008	ANNE SUPRIYA	II MPCs	
8	114021468009	ARGIDHI MADHAV KRISHNA	II MPCs	
9	114021468010	A THULASI	II MPCs	
10	114021468011	BANDARI SHIVA KUMAR	II MPCs	
11	114021468012	BANDLA SRIKANTH	II MPCs	
12	114021468013	BARRENKA HEMANTH	II MPCs	
13	114021468014	B BASAPPA	II MPCs	
14	114021468015	B NAGARAJU	II MPCs	
15	114021468016	BODA BADRI	II MPCs	
16	114021468017	BODDU KEERTHI	II MPCs	
17	114021468018	B SHIVA KUMAR	II MPCs	
18	114021468019	B SIVARAM	II MPCs	
19	114021468020	B SUMANTH	II MPCs	
20	114021468021	CHENNAYYAGARI PAVAN KUMAR REDDY	II MPCs	
21	114021468022	CHIMALADINNE NAGAMANI	II MPCs	
22	114021468023	CHINTHAMONI SANDEEP	II MPCs	
23	114021468024	C JAGADEESH	II MPCs	
24	114021468025	DARA MANOJ KUMAR	II MPCs	
25	114021468026	DERANDOLU MANASA	II MPCs	
26	114021468027	EMMADI SHRUTHI	II MPCs	
27	114021468028	ERUPULA VIKAS	II MPCs	
28	114021468030	GADDAM AKSHITHA	II MPCs	
29	114021468033	GOLLA NANDINI	II MPCs	
30	114021468034	GOLLA SHIRISHA	II MPCs	
31	114021468035	GOLLA SUMALATHA	II MPCs	
32	114021468038	GUDISE SAI RAM	II MPCs	
33	114021468039	GUNDEBOINA SHIVA KUMAR	II MPCs	
34	114021468040	GURJIGALLA KARUNAKAR	II MPCs	
35	114021468041	JENIGE MALLESH	II MPCs	
36	114021468045	KANAKA VIJAY KUMAR	II MPCs	
37	114021468046	KANDRATHI NANDINI	II MPCs	
38	114021468048	K ASHOK KUMAR	II MPCs	
39	114021468049	KATAM ADITHYA	II MPCs	



**GOVT DEGREE COLLEGE::KHAIRATABAD**

**External Lectures**

**A.Y.2022-23**



**Record of  
External Lectures Arrangements**

**Department of Computer Science &  
Applications**



<b>TITLE OF THE PROGRAM</b>	<b>Technical skills for Placements</b>
<b>DATE OF THE EVENT</b>	<b>24.04.2023</b>
<b>RESOURCE PERSON/ CHIEF GUEST</b>	<b>MD.AAQIB FEROZ, CEO, TAGCOR India online Services Pvt Ltd, Hyderabad</b>

#### **OBJECTIVES OF THE PROGRAM:**

As the part of departmental activities and to inculcate research aptitude among the student community Department of Computer Science and Applications is organized an Extension Lecture with **MD.AAQIB FEROZ, CEO & Founder TAGCOR India online Services Pvt Ltd, Hyderabad**

#### **BRIEF DISCRPTION:**

Department of Computer Science & Applications organized an extension on **Technical skills for Placements** to B.Com(Computer Applications) students. The students got inspired and learnt many new concepts. An interactive session with students has been carried out regarding the lecture and career paths in placements.

## Extension Lecture in Computer Applications



## List of Attended Students

S No	Id No.	Name Of The Student	Group	Signature
1	114019405045	BEGARI PRIYANKA	III B.Com(CA)	
2	114019405055	B MEENA KUMARI	III B.Com(CA)	
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4	114019405076	CHAKALI ASHOK	III B.Com(CA)	
5	114019405119	GADDAM RADHIKA	III B.Com(CA)	
6	114020405001	A ADARSH	III B.Com(CA)	
7	114020405002	A AKHIL SAGAR	III B.Com(CA)	
8	114020405003	ADHIRALA JAHNAVI	III B.Com(CA)	
9	114020405004	ADOV ABHISHEK	III B.Com(CA)	
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11	114020405006	AGRAHARAPU SAI	III B.Com(CA)	
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13	114020405008	AKULA VISHAL BABU	III B.Com(CA)	
14	114020405009	ALETI ANIL KUMAR	III B.Com(CA)	
15	114020405010	AMGOTH LAXMAN	III B.Com(CA)	
16	114020405013	ANKITH DIWAKAR	III B.Com(CA)	
17	114020405014	ANKURI SHIVA JYOTHI	III B.Com(CA)	
18	114020405015	ANPATE PRIYANKA	III B.Com(CA)	
19	114020405016	ARCHANA KUMARI THAKUR	III B.Com(CA)	
20	114020405018	ASHA	III B.Com(CA)	
21	114020405019	ASHISH KUMAR JAMMA	III B.Com(CA)	
22	114020405020	A SHIVAJI	III B.Com(CA)	
23	114020405021	ATHAM MAHALAKSHMI	III B.Com(CA)	
24	114020405023	ATTLA ADARSH	III B.Com(CA)	
25	114020405024	B AARTHI	III B.Com(CA)	
26	114020405025	BADHA BHAVANI	III B.Com(CA)	
27	114020405026	BADNAPURAM SATHYAMMA	III B.Com(CA)	
28	114020405028	BAIRAM SHREYA	III B.Com(CA)	
29	114020405029	BAJA VENU	III B.Com(CA)	
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31	114020405033	BANNANOLU NEHA	III B.Com(CA)	
32	114020405042	BINGI RAJU	III B.Com(CA)	
33	114020405043	B MAHESH	III B.Com(CA)	
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# GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

## DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

### STUDENT SEMINAR

(2022-23)

S.NO	STUDENT NAME	FACULTY NAME	Topic	No.Of Students Participated
1	A. Charan	G.RADHIKA	Windows OS	62
2	K.HARINI B.SC (DS)	B.RAJITHA RANI	CSV Files	10
3	Ayesha Begum	B.LAVANYA	DATA STRUCTURES USING C++	11
4	Tharun Reddy K	CH.MADHAVI	Applications of ECommerce	22
5	K.SANTHOSH	K.SWARNA	TYPES OF DATA STRUCTURES	20
6	M.Kishan	JAGADEESHWAR P	E-Business	44

**Faculty: G.Radhika**

**Date: 7.12.2022**

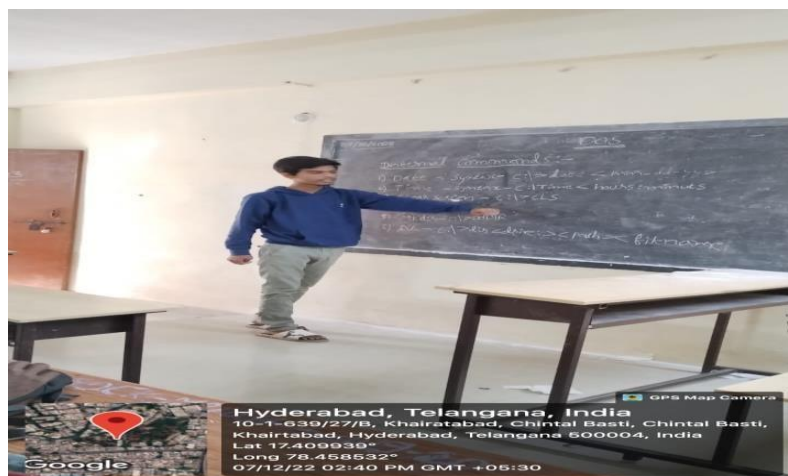
**Class: B.com I Sem**

**Subject: FIT**

**Strength -62**

**Topic: DOS**

**Name: Shiva**



## Summary:

### Disk Operating System

MS-DOS is one of the oldest and widely used operating system. DOS is a set of computer programs, the major functions of which are file management, allocation of system resources, providing essential features to control hardware devices.

DOS commands can be typed in either upper case or lower case.

### Features of DOS

Following are the significant features of DOS –

- It is a single user system.
- It controls program.
- It is machine independence.
- It manages (computer) files.
- It manages input and output system.
- It manages (computer) memory.
- It provides command processing facilities.
- It operates with Assembler.

### Types of DOS Commands

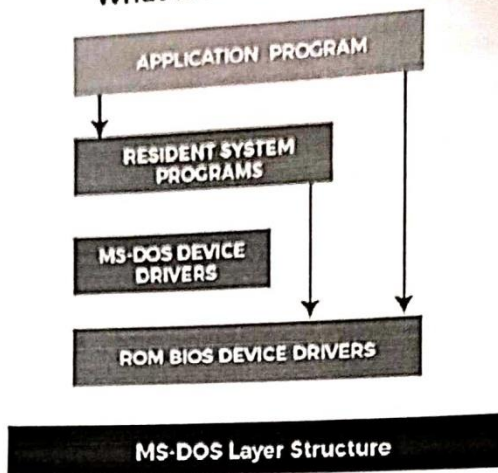
Following are the major types of DOS Command –

- **Internal Commands** – Commands such as DEL, COPY, TYPE, etc. are the internal commands that remain stored in computer memory.
- **External Commands** – Commands like FORMAT, DISKCOPY, etc. are the external commands and remain stored on the disk.



<b>Commands</b>	<b>Description</b>
Dir	List all files of specific directories or subdirectories.
CD or CHDIR	Navigate or move to a specific directory.
RD or RMDIR	Remove directory.
TREE	Display all directory paths.
PATH	Set sequential search path for executable files.
SUBST	Substitutes a string alias for the pathname.
FORMAT	Formats a disk for DOS files.
COPY	Copies one or more files to another location.
XCOPY	Copy files and directories and their subdirectories.
Del	Delete files.
Ren or rename	Rename the name of a file or directory.
ATTRIB	Set or show file attributes.
BACKUP	Backup files and directories.
PROMPT	Customize DOS prompt.
Deltree	Deletes all files and subdirectories from a computer.
Help	Lists the available commands or more information about a specific command.
mkdir or md	Creates a new subdirectory.
Move	Moves files or directories from one directory to another or from one drive to another.
Type	Displays the contents of a file on the screen.
*	A wildcard character that represents one or more characters a group of files has in common.
?	A wildcard character that represents a single character a group of files has in common.

What is MS-DOS :



SNO	Name of the student	Signature
1	B .GANESH	B. Ganesh
2	CH.PAVAN	Ch. Pavan
3	A. CHARAN	A. Charan.
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5	B .JASWANTH	Jaswanth
6	CH .SACHIN	Ch. Sachin
7	D. PRASANTH	D. Prasanth
8	B .SHIVA	B. SHIVA
9	A .CHANDRA SEHKAR	A. Chandra Sehkara
10	A .VISHNU	A. Vishnu
11	M. ANIL	M. ANIL
12	B. JAMES	B. James
13	CH. JAGAN	Ch. Jagan
14	D. VIJAY KUMAR	D. Vijay Kumar
15	CH .SANTHOSH	Ch. Santhosh
16	A .CHARAN TEJ	A. Charan Teja
17	B .NIKHIL	B. Nikhil
18	A .JHONY	A. Jhony
19	A .SAI KUMAR	A. Saikumar
20	DEEPAK KUMAR	Deepak Kumar
21	A .GANESH	A. Ganesh
22	SANDEEP KUMAR	Sandeep Kumar

23	A. SRIDHAR	A. Sridhar
24	A. THARUN	Tharun
25	B. LUKAS	Lukas
26	B. NAVEEN KUMAR	B. Naveen
27	B. MALESHI	B. Maleshi
28	B. BHANU PRASAD	B. Bhanu Prasad
29	B. NARASIMULU	B. Narasimulu
30	A. GANESH	A. Ganesh
31	A. BALAYASHOD	B. Balayashod
32	C. MANI KUMAR	C. Mani
33	B. SUDEEP	B. Sudeep
34	A. SRINATH	A. Srinath
35	CH. SRIKANTH	Ch. Srikanth
36	C. PAVAN KUMAR	C. Pavan Kumar
37	A. SAI RAM	A. Sai Ram
38	A. SANJAY REDDY	A. Sanjay
39	B. AAKASH SINGH	B. Aakash Singh
40	D. SUNITHA	Sunitha
41	B. LAHARI	B. Lahari
42	A. DIVYANRANI	Divyanrani
43	B. PRAVALIKA	Pravalika
44	B. MOUNIKA	B. Mounika
45	B. KRISHNA VENI	B. Krishna Veni
46	B. SADHVIKA	Sadhvika
47	B. JASMINE	Jasmine
48	B. SANGEETHA	B. Sangeetha
49	B. MAHESWARI	Maheswari
50	B. SAHARADA	Saharada
51	B. SHIVANI	Shivani
52	A. POOJA	Pooja
53	A. POOJITHA	Poojitha
54	A. THIMMULAMANA	A. Thimmulamma
55	B. SOWMA	Sowma
56	A. DEEPIKA	Deepika
57	B. DEENA	Deena
58	D. SANDHAYA	Sandhya
59	A. SHRUTHI	Shruthi
60	D. ANUSHA	Anusha
61	B. INDRAJA	Indraja
62	C. ANKITHA	C. Ankitha
	A VENU PAWAN	Venu
63	SATHYARAJU	Sathyaraju

Reels

\*\*\*\*\*

Faculty: B.Rajitha Rani

Date: 14/09/22

Class: BSC (Data Science)-II/III SEM

Student Name: K.Harini

Roll. No: 114021539026

Subject: Datascience

Topic: CSV Files

Strength: 10





## CSV (Comma Separated Values)

format is the most common import and export format for spreadsheets and databases. CSV format was used for many years prior to attempts to describe the format in a standardized way in **RFC 4180**.

The lack of a well-defined standard means that subtle differences often exist in the data produced and consumed by different applications.

These differences can make it annoying to process CSV files from multiple sources.

Still, while the delimiters and quoting characters vary, the overall format is similar enough that it is possible to write a single module which can efficiently manipulate such data, hiding the details of reading and writing the data from the programmer.

### The csv module

implements classes to read and write tabular data in CSV format.

It allows programmers to say, “write this data in the format preferred by Excel,” or “read data from this file which was generated by Excel,” without knowing the precise details of the CSV format used by Excel.

Programmers can also describe the CSV formats understood by other applications or 11

Return a reader object which will iterate over lines in the given csvfile. csvfile can be any object which supports the iterator protocol and returns a string each time its `__next__()` method is called — file objects and list objects are both suitable.

If *csvfile* is a file object, it should be opened with `newline=""`. 1 An optional *dialect* parameter can be given which is used to define a set of parameters specific to a particular CSV dialect.

It may be an instance of a subclass of the `Dialect` class or one of the strings returned by the `list_dialects()` function.

The other optional `fmtparams` keyword arguments can be given to override individual formatting parameters in the current dialect. For full details about the dialect and formatting parameters, see section `Dialects and Formatting Parameters`. Each row read from the csv file is returned as a list of strings.

No automatic data type conversion is performed unless the `QUOTE_NONNUMERIC` format option is specified (in which case unquoted fields are transformed into floats).

### `csv.writer(csvfile, dialect='excel', **fmtparams)`

Return a writer object responsible for converting the user’s data into delimited strings on the given file-like object. *csvfile* can be any object with a `write()` method. If *csvfile* is a file object, it should be opened with `newline=""` 1.

An optional *dialect* parameter can be given which is used to define a set of parameters specific to a particular CSV dialect.

It may be an instance of a subclass of the `Dialect` class or one of the strings returned by the `list_dialects()` function.

The other optional `fmtparams` keyword arguments can be given to override individual formatting parameters in the current dialect.

For full details about dialects and formatting parameters, see the `Dialects and Formatting Parameters` section.

To make it as easy as possible to interface with modules which implement the DB API, the value `None` is written as the empty string.

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007	A. Akshay	A. Akshay
035	N. Sanjay	N. Sanjay
031	M. Navendar	M. Navendar
024	K. Rohith	K. Rohith
046	Ansar	Ansar
018	K. Meenakshi Sourmya	K. Meena
055	V. Malleshwari	V. Malleshwari
026	K. Harini	Harini

**Faculty:** B.Lavanya

**Date:** 15/09/2022

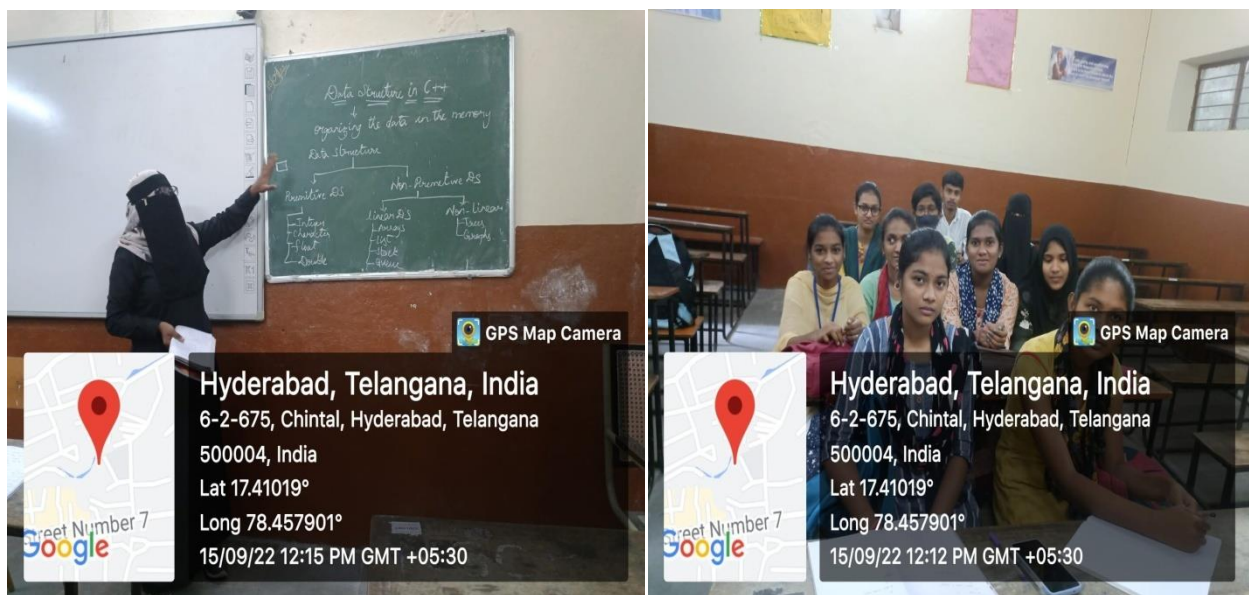
**Class :** BSC(LIFE SINCE)

**Sub:** DATA STRUCTURES USING C++

**Name :** Ayesha Begum

**Roll No:** 11402145003

## STACK IN DATA STRUCTURES



A stack is a data structure that allows insertion and deletion operation in a LIFO (last-in-first-out) manner. The memory operations, therefore, are regulated in a particular manner. When an element is added to the stack, it occupies the top position. When it comes to removal operation, the most recent element in terms of being inserted into the stack gets first removed, hence the LIFO characteristic. This is similar to a stack of saucers or tiles, kept one over another. We keep going on placing saucers on over another, and while removing, the most recently added one is removed **first**.

## Features of Stack

Some of the features are as follows:

- A stack is an ordered list of elements of a similar type. E.g. stack storing numbers or stack of strings.
- It is essentially based on LIFO (Last-In-First-Out) feature or FILO (First-In-Last-Out) feature.
- When a stack is full, it is called to be in Overflow state, and when it is empty, it is called to be in Underflow state.

## How does Stack work in Data Structure?

A stack is a very simple data structure, and there are necessarily two operations associated with stack, which are Push and Pop. The working of the stack as a data structure can be understood through these operations. Let's understand each of them one by one, as described below. Let's understand the insertion and deletion (removal) operations in a stack as discussed below.

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114021450009	M. Manasa	M. Manasa
114021450019	T. Poojanka	T. Poojanka
114021450003	Ayesha Begum	Ayesha



Class: B.COM III YEAR

Name of the student: K.Tharun Reddy,K.Srikanth

Roll No: 114020405171,114020405170

Topic: Applications of ECommerce



## Applications of Ecommerce

- *Retail and Wholesale*

Ecommerce has numerous applications in this sector. E-retailing is basically a B2C, and in some cases, a B2B sale of goods and services through online stores designed using virtual shopping carts and electronic catalogs. A subset of retail ecommerce is m-commerce, or mobile commerce, wherein a consumer purchases goods and services using their mobile device through the mobile optimized site of the retailer. These retailers use the E-payment method: they accept payment through credit or debit cards, online wallets or internet banking, without printing paper invoices or receipts.

- *Online Marketing*

This refers to the gathering of data about consumer behaviors, preferences, needs, buying patterns and so on. It helps marketing activities like fixing price, negotiating, enhancing product features, and building strong customer relationships as this data can be leveraged to provide customers a tailored and enhanced purchase experience.

- *Finance*

Banks and other financial institutions are using e-commerce to a significant extent. Customers can check account balances, transfer money to other accounts held by them or others, pay bills through internet banking, pay insurance premiums, and so on. Individuals can also carry out trading in stocks online, and get information about stocks to trade in

from websites that display news, charts, performance reports and analyst ratings of companies.

- *Manufacturing*

Supply chain operations also use ecommerce; usually, a few companies form a group and create an electronic exchange and facilitate purchase and sale of goods, exchange of market information, back office information like inventory control, and so on. This enables the smooth flow of raw materials and finished products among the member companies and also with other businesses.

- *Online Booking*

This is something almost every one of us has done at some time – book hotels, holidays, airline tickets, travel insurance, etc. These bookings and reservations are made possible through an internet booking engine or IBE. It is used the maximum by aviation, tour operations and hotel industry.

- *Online Publishing*

This refers to the digital publication of books, magazines, catalogues, and developing digital libraries.

- *Digital Advertising*

Online advertising uses the internet to deliver promotional material to consumers; it involves a publisher, and an advertiser. The advertiser provides the ads, and the publisher integrates ads into online content. Often there are creative agencies which create the ad and even help in the placement. Different types of ads include banner ads, social media ads, search engine marketing, retargeting, pop-up ads, and so on.

- *Auctions*

Online auctions bring together numerous people from various geographical locations and enable trading of items at negotiated prices, implemented with e-commerce technologies. It enables more people to participate in auctions. Another example of auction is bidding for seats on an airline website – window seats, and those at the front with more leg room generally get sold at a premium, depending on how much a flyer is willing to pay.

E-Commerce is all around us today, and as an entrepreneur, you should also get into this realm if you want to expand your markets, get more customers and increase your profitability.

S.No	Name of the student	Signature
1	K. Rama rajudra	
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3	G. Santhosh	
4	G. Venkata navesht	
5	J. Vardhan	
6	G. Vamsi	
7	K. Ramesh	
8	S. Sai Kanth (ST)	
9	G. Sankanth	
10	G. Kiran Kumar	
11	K. Sandhya Reddy	
12	D. Wilson	
13	G. Timothil	
14	J. Sweetha	
15	J. Sandhya	
16	G. Saketh	
17	Jaffer ahmed	
18	A. Dinesh	
19	D. Abirach	
20	K. Abhilash	
21	S. Oday	
22	Jc. Naveen	

Class: II B.Sc (MPCS)

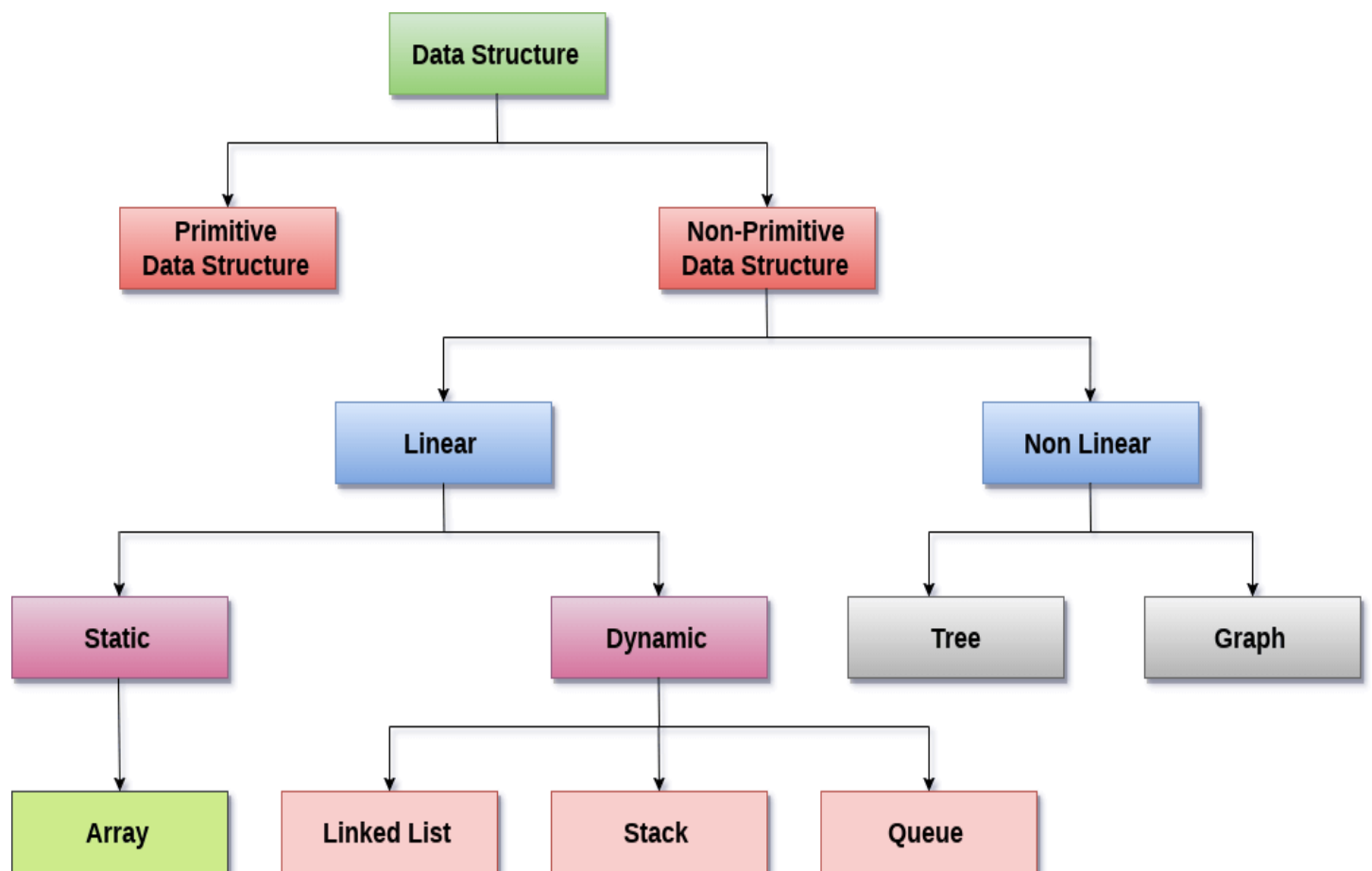
Topic: Types of Data Structures

1. K. Santosh

## Introduction

Data Structure can be defined as the group of data elements which provides an efficient way of storing and organising data in the computer so that it can be used efficiently. Data Structures are widely used in almost every aspect of Computer Science i.e. Operating System, Compiler Design, Artificial intelligence, Graphics and many more. Data Structures are the main part of many computer science algorithms as they enable the programmers to handle the data in an efficient way.

## Data Structure Classification



**Linear Data Structures:** A data structure is called linear if all of its elements are arranged in the linear order. In linear data structures, the elements are stored in non-hierarchical way where each element has the successors and predecessors except the first and last element.

**Arrays:** An array is a collection of similar type of data items and each data item is called an element of the array. The data type of the element may be any valid data type like char, int, float or double.



**Linked List:** Linked list is a linear data structure which is used to maintain a list in the memory. It can be seen as the collection of nodes stored at non-contiguous memory locations. Each node of the list contains a pointer to its adjacent node.

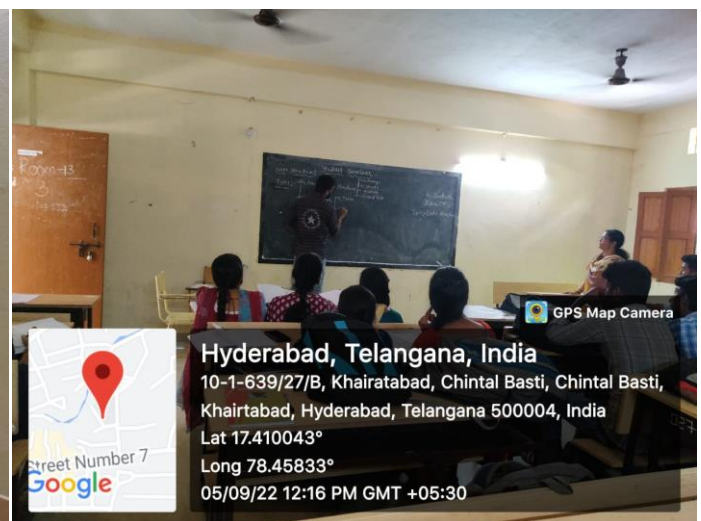
**Stack:** Stack is a linear list in which insertion and deletions are allowed only at one end, called **top**.

**Queue:** Queue is a linear list in which elements can be inserted only at one end called **rear** and deleted only at the other end called **front**.

**Non Linear Data Structures:** This data structure does not form a sequence i.e. each item or element is connected with two or more other items in a non-linear arrangement. The data elements are not arranged in sequential structure.

**Trees:** Trees are multilevel data structures with a hierarchical relationship among its elements known as nodes. The bottommost nodes in the hierarchy are called **leaf node** while the topmost node is called **root node**. Each node contains pointers to point adjacent nodes.

**Graphs:** Graphs can be defined as the pictorial representation of the set of elements (represented by vertices) connected by the links known as edges. A graph is different from tree in the sense that a graph can have cycle while the tree can not have the one.



## List of attended students

S.NO	NAME	SIGNATURE
1	Akula Anusha	A. Anusha
2	Amgoth Santosh	A. Santosh
3	Anem Vishnumurthy	Vishnu
4	Anne Supriya	A. Supriya
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6	A Thulasi	A. Thulasi
7	Bandari Shiva Kumar	B. Shiva Kumar
8	Barrenka Hemanth	B. Hemanth
9	B Basappa	B. Basappa
10	Boda Badri	B. Badri
11	B Shiva Kumar	B. Shiva Kumar
12	B Sivaram	B. Sivaram
13	B Sumanth	B. Sumanth
14	Chennayyagari Pavan Kumar Reddy	Pavan Kumar
15	Chimaladinne Nagamani	C. Nagamani
16	C Jagadeesh	Jagadeesh
17	KANAKA VIJAY KUMAR	Vijay Kumar
18	KANDRATHI NANDINI	K. Nandini
19	KANNEBOINA GAYATHRI	K. Gayathri
20	KRISHNA JEE PANDEY	K. Pandey

Group: B.COM CA III Year VSem

Sub: ECommerce

Name: M.Kishan

H.TNO:114020405221

## Topic: E-Business



### Introduction to Business

E-business or Online business means business transactions that take place online with the help of the internet. The term e-business came into existence in the year 1996. E-business is an abbreviation for electronic business. So the buyer and the seller don't meet personally. In today's world, we are exposed to various forms of e-business. Since its emergence, it has grown by leaps and bounds. Some predict that it may very soon overtake brick and mortar stores completely. While that remains to be seen, we cannot ignore the immense role it plays in the current global economy.

### Features of Online Business

- It is easy to set up
- There are no geographical boundaries
- Much cheaper than traditional business
- There are flexible business hours
- Marketing strategies are costless
- Online business receives subsidies from the government
- There are a few security and integrity issues
- There is no personal touch
- Buyer and seller don't meet
- Delivery of products takes time
- There is a transaction risk
- Anyone can buy anything from anywhere at any time
- The transaction risk is higher than traditional business



## E-Shopping

- **Online shopping** is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser or a mobile app. Consumers find a product of interest by visiting the website of the retailer directly or by searching among alternative vendors using a shopping search engine, which displays the same product's availability and pricing at different e-retailers. As of 2020, customers can shop online using a range of different computers and devices, including desktop computers, laptops, tablet computers and smartphones.
- An online store evokes the physical analogy of buying products or services at a regular "bricks-and-mortar" retailer or shopping center; the process is called business-to-consumer (B2C) online shopping. When an online store is set up to enable businesses to buy from another business, the process is called business-to-business (B2B) online shopping. A typical online store enables the customer to browse the firm's range of products and services, view photos or images of the products, along with information about the product specifications, features and prices.

## eLearning

E Learning is an alternative to a traditional classroom learning experience and is often referred to as "online learning," "remote learning," "virtual learning," "mobile learning," "digital learning," or "distance education."

E Learning involves using primarily the internet and one or more other technologies involving one/two-way transmissions through open broadcast, closed circuit, cable, microwave, broadband lines, fiber optics, satellite, or wireless communications devices or audio/video conferencing.

E Learning at Bellevue College encompasses all online courses, including blended hybrid formats, using Canvas, our Learning Management System (LMS). Our programs include Online Associate Degrees, Bachelor's Degrees, and Certificates.

## Learning environments

- Online courses are taught entirely online and use Canvas. The online Canvas environment replaces the typical classroom experience for material delivery.
  - Online courses may have required proctored exams.
  - Online courses may involve service learning, labs, field trips, and activities.
  - If you are traveling outside of the U.S. during the quarter, please be aware of any internet restrictions in the country(ies) you travel to. Some course content may not be available. Speak with your instructor/advisor about this before starting the course.
  - Online courses will be designated on the class schedule with sections OAS, OBS, OCS, etc
- Blended Hybrid courses are taught part online and part on campus. The on-campus session is usually just one day per week. The rest of your work is completed online via Canvas, our learning management system. These courses will be designated on the class schedule with sections HYA, HYB, HYC, etc.
- Web-enhanced Face-to-Face courses are taught entirely on campus. The instructor provides information and posts for you in our learning management system in Canvas. Posts may include the syllabus and handouts.

## Student Attendance

Date: 13.09.2022

Government Degree College, Khairatabad  
 Department of Computer Science & Applications  
 B.Com Computer Applications - III yr - I sem  
 E-Commerce  
 Student Seminar Attendance.

S.No	Hall Ticket No.	Student Name	Sign
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3.	114020405322	S. Nandini	<u>S. Nandini</u>
4.	114020405246	Nagma Begum	<u>Nagma</u>
5.	114020405318	Sanjana	<u>Sanjana</u>
6.	114020405370	V. Devi	<u>Devi</u>
7.	114020405333	S. Swathi	<u>swathi</u>
8.	114020405274	P. Swathi	<u>Swathi</u>
9.	114020405311	S. Navaneetha	<u>Navaneetha</u>
10.	114020405125	J. Anulya	<u>Anulya</u>
11.	114020405214	M. Iteena	<u>Iteena</u>
12.	114020405296	R. Yousi	<u>Yousi</u>
13.	114020405285	Prathi Pandey	<u>Prathi Pandey</u>
14.	114020405372	V. Divya	<u>Divya</u>
15.	114020405319	Sanjana Shakur	<u>Sanjana</u>
16.	114020405316	S. Vyshnavi	<u>Vyshnavi</u>
17.	114020405276	P. Gayathri	<u>Gayathri</u>
18.	114020405389	M. Sri Chandana	<u>Chandana</u>
19.	114020405209	M. Bhargavi	<u>Bhargavi</u>
20.	114020405211	L. Ravi	<u>Ravi</u>

S.No	H.T No.	ST. Name	Sign
21.	M. Swathi	M. Swathi	<u>M. Swathi</u>
21.	114020405204	P. Bhavana	<u>P. Bhavana</u>
22.	114020405261	M. Pooja	<u>M. Pooja</u>
23.	114020405238	Mohammed. mahboob	<u>Mahboob</u>
24.	114020405210	Shilpa Kabeer	<u>Shilpa</u>
25.	114020405329	Pradip Roy	<u>Pradip Roy</u>
26.	114020405284	Md. Ameerfarha	<u>Ameerfarha</u>
27.	114020405224	R. Rameh.	<u>Rameh</u>
28.	114020405302	Mohammed SODAM	<u>Sodam</u>
29.	114020405232	V. Pavan Kalyan	<u>V. P.K</u>
30.	114020405367	N. Srikanth.	<u>Srikanth</u>
31.	114020405247	M. d. hussain	<u>Hussain</u>
32.	114020405287	P. Balakrishna	<u>Balakrishna</u>
33.	114020405273	MOHAMMED Ismai	<u>Ismail</u>
34.	114020405228	Soma Hemant	<u>S. Hemant</u>
35.	114020405336	P. Praveenraj	<u>P. Praveenraj</u>
36.	114020405271	Panduga Chaitanya	<u>P. Chaitanya</u>
37.	114020405265	Sahil Khan	<u>Sahil Khan</u>
38.	114020405310	S. Shanker	<u>S. Shanker</u>
39.	114020405314	T. Subhash.	<u>T. Subhash.</u>
40.	114020405360	Strait Akaf	<u>Akaf</u>
41.	114020405325	Shaila Faleem	<u>Faleem</u>
42.	114020405329	Nishith Yadav	<u>Nishith</u>
43.	114020405258	P. MANOJ	<u>Manoj</u>
44.	114020405272		