

GOVERNMENT DEGREE COLLEGE, THORRUR

MAHABUBABAD DISTRICT, TELANGANA STATE - 506163



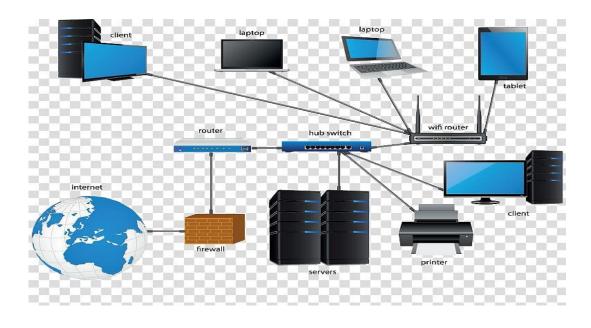




WEL COME TO NAAC PEER TEAM

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

DEPARTMENT PROFILE



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INTRODUCTION OF DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

ABOUT THE DEPARTMENT:

- ➤ Computer Application is the study of Computers and Computational system.
- ➤ The principal areas of study with in Computer Application include Artificial Intelligence.
- ➤ They Appling expertise to face the challenges and solve problems ,effectively Communicating and Building on their Knowledge to Grow in their careers
- As per the need and importance of Computer Application in the Global Scenario, the traditional course was subsequently converted into Restructured Course.

DATE OF ESTABLISHMENT

- ➤ The Department of computer Application was established in the year 2018 with B.com (Computer Application).
- ➤ B.Sc (M.P.Cs) was introduced in the year 2019.
- ➤ B.A (Computer Application) was introduced in the year 2019.
- > The Department has 33 Systems for practical oriented classes.
- ➤ The Faculty conducted Extension Lecturer by the subject experts for encourage and improve their inter and intra personal skills
- Remedial classes are also conducted for slow learners
- ➤ The faculty members encourage the students to participate in social service activities and extracurricular activities.
- ➤ The results of the department are much satisfactory about the results.

VISION:

The Department of Computer Applications permeates all modern endeavors in academic, government and industry, and its role will continue to grow. Trough education and research, the Department of Computer applications will be recognized universally as a promoter of the centrality of computing in society.

MISSION

The mission of the Department of Computer applications in the Commonwealth of Kentucky is to:

- 1. Provide excellent undergraduate and graduate education in a state —of —theart environment, preparing students for careers as computer scientists in industry, government and academic.
- 2. Advance theoretical, experimental, and applied computer Applications through nationally and internationally recognized research by faculty and student.
- 3. Support society by participating in and encouraging technology transfer.

DEPARTMENT PROFILE

1. Name of the Department :Computer Science And

Applications

2. Year of Establishment :2018

3. Names of Programmers / Courses offered

(UG,PG,M.Phil.,Ph.D.,:UG,B.A(H.E.P) :B.COM(CA)B.Sc(MPCs),B.A(CA)

4. Annual/semester/choice based credit System

(programme wise) : Choice Based Credit System

5. MoUs With Other Colleges :Yes

6. NUMBER OF TEACHING POSTS:

Designation	sanctioned	Contract	Guest	Regular
Asst. Professors	02	01	01	Nil

7. FACULTY PROFILE:

S.No	Name of the Teaching Satff	Designation	Qualification	Specialization	Experience	University
1	G.Vijay	Contract Leturer	M.C.A,(Ph.D)	Computers	15	Kakatiya University
2	V.Someshwar	Guest Faculty	M.C.A	Computers	12	Kakatiya University

8. List of senior Faculty Visiting the Department:

1) Dr.B. Manjula Associate Professor of Department of Informatics and Computer Science Kakatiya University Warangal.

9. Student-Teacher Ratio (programme wise)

132:1

10. Student progression

Student progression	Against % enrolled
UG to PG	01
SOFTWARE	01

11. INFRASTUCTURE FACILITIES AND DEPARTMENT AVAILABLE:

S.NO	<u>ITEMS</u>	Quantity
1	System Tables	15
2	Dept.Table	02
3	Long System Table	2
4	Desktop computer (HP)	15
5	Desktop computer (Dell)	15
6	LCD Projector	1
7	S-Chairs	2
8	Green Class Board	01
9	Computer Chairs	15
10	Class Benches	03
11	10 KV Inverter	01
12	Fan	03
13	Wall Fiting Fan	01
14	Tube light	04
15	Computer Stools	18
16	E-wastage Bin	1
17	Virtual Board	01

12. Details on student enrichment programmes

(Special Lectures/Workshops/Seminars)
With external Experts

: Extension Lectures, Group Discussions Quiz, and Seminars.

13. Research Teaching methods adopted to Improve Student learning

: Lecture cum Demonstration
Tools like Computers,
LCD Projectors, Mobile
Phones, Online tool such as
ZOOM, You tube, what's app,etc
are being utilized for student
centered teaching and
learning process.

14. Participation in Institutional: Social Responsibility (ISR)

N AME OF THE FACULTY: G.VIJAY

SNO	Name of the Committee	Convener / Member
1	Examination Branch	Member
2	NSS & Social Responsibilities	Member
3	Games & Sports	Member
4	Eco-Club Committee	Member
5	Cultural and literacy Committee	Member
6	Student Grievance Redressed	Member
	Committee	
7	Ambedkar Open University Study	Member
	Centre	
8	TSKC & Placement Cell & Carrer	Member
	Guidance & Counselling centre	
9	Website Committee	Member
10	Dept of Computer Science	Member
	&Application	

N AME OF THE FACULTY: V.SOMESHWAR

SNO	Name of the Committee	Convener / Member
1	Academic Co-0rdinator&	Member
	Time table	
2	IQAC &UGC	Member
<u>3</u>	Consumer Club	Member
<u>4</u>	Alumni Students committee	Member
<u>5</u>	Website Committee	Member
<u>6</u>	Dept of Computer science	Member
	(TSKC)	
7	DOST admissions	Member

NAMES OF THE PROGRAMMES/COURSES OFFERED (AT PRESENT)

The Department Computer Science and Applications offers the following UG courses Under CBCS System (BSc(Cs).B.Com(CA).B.A(CA)Copmputer Sciences & Applications

1.B.COM(CA) Computer Application - EM
2. Mathematics-Physics-Computer science - EM
3.History-Politicala Sciences-Computer Applications - EM

C.B.C.S.PROGRAMMES: COURSES (Semester Wise) from 2018-19 Upton 2019-20 **B.SC-COMPUTER SCIENCE**

S.No	Group	Medium	Year	Semester
01	B.Sc(MPCs)	English	First	I-SEm
				II-Sem
02	B.Sc(MPCs)	English	Second	III-SEm
				IV-Sem
03	B.Sc(MPCs)	English	Final	V-SEm
				VI-Sem

B.COM-COMPUTER APPLICATIONS

S.No	Group	Medium	Year	Semester
01	B.COM(CA)	English	First	I-SEm
				II-Sem
02	B.COM(CA)	English	Second	III-SEm
				IV-Sem
03	B.COM(CA)	English	Final	V-SEm
				VI-Sem

B.A-COMPUTER APPLICATIPNS

S.No	Group	Medium	Year	Semester
01	B.A(CA)	English	First	I-SEm
				II-Sem
02	B.A(CA)	English	Second	III-SEm
				IV-Sem
03	B.A(CA)	English	Final	V-SEm
				VI-Sem

Syllabus:

https://drive.google.com/file/d/1u2Z2JXBtSB-du2HoS_Rbn9VFaI6U4uAu/view?usp=share_link

STRENGTH PARTICULERS:

Academic Year	Group	Total
2018-2019	B.com(C.A) E/M	6
	B.COM(C.A) E/M	26
2019-2020	B.A(HPCA) E/M	19
	B.Sc (MPCS) E/M	8
	B.COM(C.A) E/M	58
2020-2021	B.A (HPCA) E/M	20
	B.Sc(MPCS) E/M	23
	B.COM(C.A) E/M	69
2021-2022	BA(HPCA) E/M	13
	B.Sc (MPCS) E/M	22

Faculty Details:

PROFILE OF G. VIJAY

Lecturer in Computer Science and Applications

1	Name	G. Vijay		
2	Present Designation		Lecturer in Computer Science	
		Applications		
3	Department			and Applications
4	Date of Birth	14/01/		
5	Date of entry in service			Contract Lecturer)
6	Residential Address		ethol, Maha arangal – 5	
7	Mobile No	988553	34740	
8	Email.ID	gugulo	thuvijaymo	a@gmail.com
9	Aadhar Card No	3518	6726 7850	
10	Specialization	C , C+	+, JAVA, C	DRACEL, Data base.
12	PAN No	BBGF	PG6550F	
13	No of Publication	Nil		
14	Academic Qualification	M.C.A	A(Ph.D)	
	Teaching Experience	15 yea	ars	
	Designation	From	То	Place of Work
	Lecturer	2007	2013	GDCW, Warangal
15	Lecturer	2013	2020	GDC, Mahabubabad
	Lecturer	2020	2021	GDC, Utnoor
	Lecturer	2021	Till date	GDC, Thorrur
16	No of Seminar participated			14
	Published Research			
	Articles/Papers in International/	2		2
	National Journals	_		
	Research Papers Presented in	1		1
	National Conferences/ Seminars	1		1
17	No of Refresher Courses Attended	Nil		
19	Best Teacher Award	Nill		
20	Best Awards]	Nill

PROFILE OF V.SOMESHWAR

1	Name	V.SON	V.SOMESHWAR		
2	Present Designation	Guest	Guest Faculty In Computers		
3	Department	Compi	uters		
4	Date of Birth	01-04-	1983		
5	Date of entry in service	13-08-	2018		
6	Residential Address	Thorru	ır		
7	Mobile No	85003	16473		
8	Email.ID	Shwar	.somu@gma	<u>il.com</u>	
9	Aadhar Card No	4102 5	4102 5427 70525		
10	Specialization	C , C++, ORACEL , Data base			
12	PAN No	No			
13	No of Publication	Nil			
14	Academic Qualification	M.C.A	<u>.</u>		
	Teaching Experience	12 yE	ARS		
15	Designation	From	То		
	Lecturer	2018	Till Date		
16	No of Seminar participated		Nil		
17	No of Refresher Courses Attended	Nil			
19	Best Teacher Award		Nil		
20	Best Awards		N	Nil	

Work Load Particulates:

GOVERNMENRT DEGREE COLLEGE .THORRUR DEPARTMENR OF COMPUTER SCIENCE AND APPLICATIONS B.SC (MPCs) --WORK LOAD-2021-2022

S.NO	CLASS	YEAR	MEDIUM	HOURS/	TOTAL	
				THEORY	PRACTICAL	TOTAL
01	B.SC (MPCs)	FISRT	ENGLISH	4	3	7
02	B.SC (MPCs)	SECOND	ENGLISH	4	3	7
03	B.SC (MPCs)	THIRD	ENGLISH	4	3	7

GOVERNMENRT DEGREE COLLEGE .THORRUR DEPARTMENR OF COMPUTER SCIENCE AND APPLICATIONS B.COM (CA) --WORK LOAD-2021-2022

S.NO	CLASS	YEAR	MEDIUM	HOURS/	TOTAL		
3.110	CLASS	TEAR	IVIEDIOIVI	THEORY	PRACTICAL	TOTAL	
01	B.COM(CA)	FISRT	ENGLISH	3	3	6	
02	B.COM(CA)	SECOND	ENGLISH	3	3	6	
03	B.COM(CA)	THIRD	ENGLISH	3	3	6	

GOVERNMENRT DEGREE COLLEGE .THORRUR DEPARTMENR OF COMPUTER SCIENCE AND APPLICATIONS B.A (CA) --WORK LOAD-2021-2022

S.NO	CLASS	YEAR	MEDIUM	HOURS/WEEK		TOTAL
		TEAR		THEORY	PRACTICAL	TOTAL
01	B.A(CA)	FISRT	ENGLISH	4	3	7
02	B.A(CA)	SECOND	ENGLISH	4	3	7
03	B.A(CA)	THIRD	ENGLISH	4	3	7

TIME TABLE:

GOVERNMENT DEGREE COLLEGE -THORRUR, MAHABU8BABAD B.COM-(CA), B.A (CA), B.Sc(MPCs)TIME TABLE-(2022-2033) I, III, V-SEMISTER

		I	II	III	:30	IV	V	VI
Days	Year	10:00 to 11:00	11:00 to 12:00	12:00 to 1:00	1:00 to 1:	1:30 to 2:30	2:30 to 3:30	3:30 to 4:30
MON	First	CS/CA		FIT				BCS
	Second		CS/CA					
	Third	CS/CA					ECM	I-LAB
TUE	First	CS/CA		FIT				BCS
	Second		CS/CA	RDBMS	I			
	Third	CS/CA			7		JAVA-LAB	
WED	First	CS/CA		FIT	LONCH		FIT-	-LAB
	Second		CS/CA	RDBMS				
	Third	CS/CA	ECM				ECM	I-LAB
THU	First	CS/CA					FIT	·LAB
	Second		CS/CA			RDBMS-LA	B / C++	CSc-LAB
	Third	CS/CA						
FIR	First						FIT-	LAB
	Second			RDBMS				
	Third	ECM					ECM	I-LAB
SAT	First					COM	PC-LANG	-LAB
	Second						RDBMS-LAB	
	Third	ECM	CA JA	VA LAB				

11. DETAILS OF INFRASTRUCTURAL FACILITIES:

1. Departmental Library : 18 Books Reference are With Department

2. Internet facilities for staff and students in the Department : Yes

3. Class rooms with ICT facilities : 01

4. Computer Laboratories : Well Equipped

Laboratories available

INFRASTUCTURE FACILITIES AND DEPARTMENT AVAILABLE:

S.NO	<u>ITEMS</u>	Quantity
1	System Tables	15
2	Dept.Table	02
3	Long System Table	2
4	Desktop computer (HP)	15
5	Desktop computer (Dell)	15
6	LCD Projector	1
7	S-Chairs	2
8	Green Class Board	01
9	Computer Chairs	15
10	Class Benches	03
11	10 KV Inverter	01
12	Fan	03
13	Wall Fiting Fan	01
14	Tube light	04
15	Computer Stools	18
16	E-wastage Bin	1
17	Virtual Board	01

DEPARTMENT LIBRARY:

1. Department Library

:18 Books Reference are with Department

ACADEMIC ACTIVITIES/TEACHING LEARNING PROCESS/METHODS:

- 1. Lab Opening
- 2. Extension Lectures
- 3. Group Discussions
- 4. Quiz Competitions
- 5. Student Seminars
- 6. Field Trips
- 7. Student Study Projects
- 8. Best Practices
- 9. Certificate Course
- 10 Special Days Celebrations
- 11. Result Analysis
- 12. E-content / ICT
- 13. Collaboration / MOUs
- 14. Dost Additions
- 15. Future Employment
- 16. Future Plans

1. LAB OPENING:



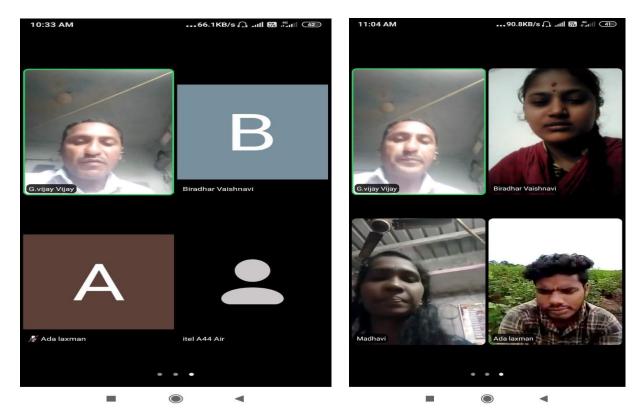


Computer lab opening Dated on:26-12-2020

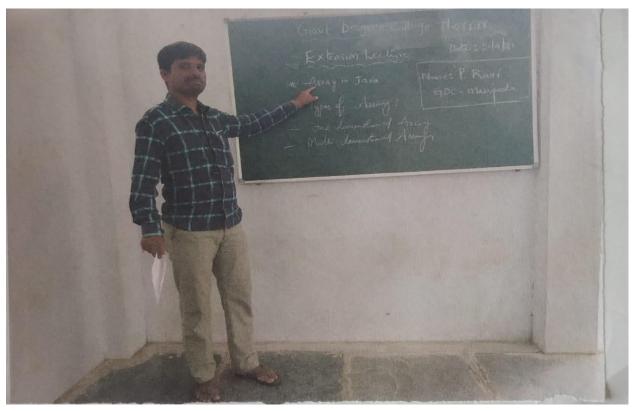
2. EXTENSION LECTURES:



Extension Lecture on **Generations of Computer by** G.Vijay **on Dated: 08-11- 2018**



Extension Lecture on Computer Memory Units G. Vijay on Dated: 09-12-2020



Extension Lecture on Types of Array in Java M. Veenu on Dated: 24-04-2021



Extension Lecture on Web Technologies M. Veeru on Dated: 15-11-2021



Extension Lecture on Data Types in C K Jyoshna Davi on Dated: 12-04-2022

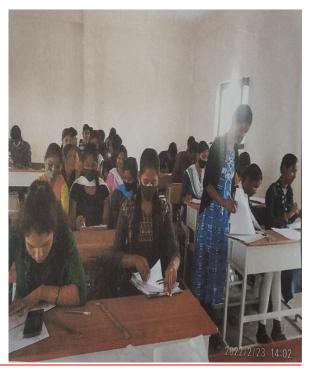
3. GROUP DISCUSSIONS:





Group Discussion about C and C ++ languages Dated on 08-01-2020





Group Discussion about Introduction to computer and C-languages

Dated on 08-08-2021

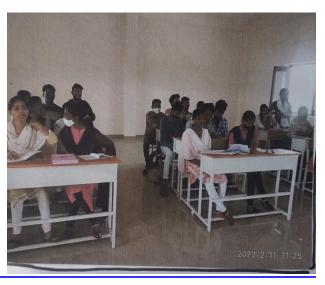
4. QUIZ COMPETITIONS



Quiz was conducted on Information Technology Dated on 23-10-20118

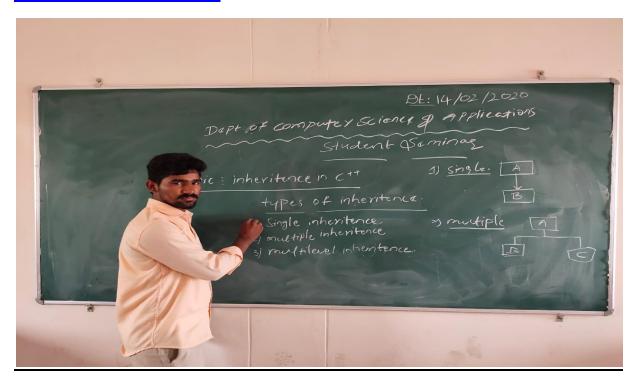


Quiz was conducted on Fundamentals of Information Technology Dated on 23-10-2019



Quiz was Conducted on Web Technology Dated on 18-03-2020

5. STUDENT SEMINAR:

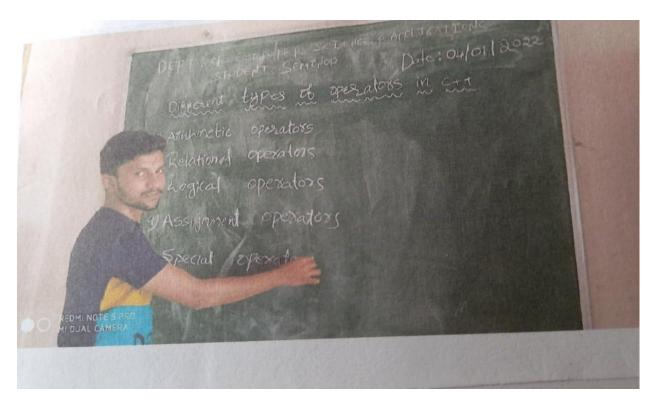


M.suresh babu B.Sc (Cs) II Year explained topic: Inheritance in C++ Dated on:14-02-2020

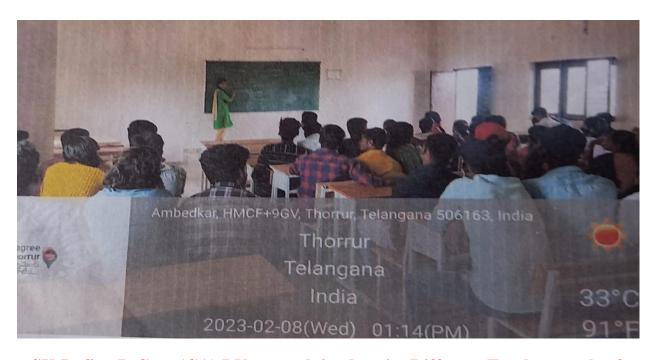


T.Sadhik B.Sc (Cs) I Year explained topic: Control Structures in C

Dated on: 23-11-2021.



G.Rajendar B.Sc (Cs) II Year explained topic: Different types of Operators++ Dated on: 04-01-2022



SK Rafiya B.Com (CA) I Year explained topic: Different Fundamentals of Information Technology Dated on: 03-02-2023

6. FIELD TRIPS:





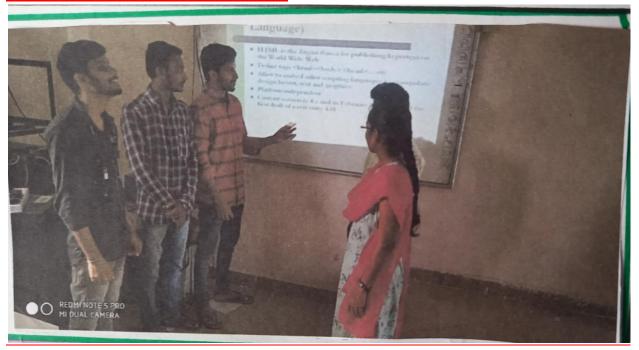
Department of Computer Science And Applications conducted a Field Trip to SBI Bank Thorrur Dated 20-04-2019





Visited Venkata Laxmi Cotton Industries Dated on: 18-01-2022

7. ST UDENT STUDY PROJECTS

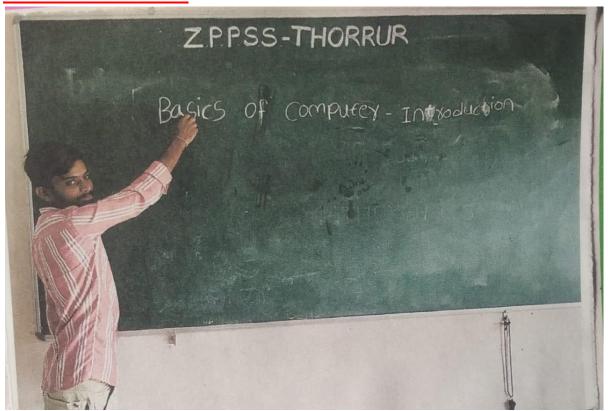


Jignasa Student Study Project-2019-2020



<u>Jignasa Student Study Project-2021-2022</u>

8. BEST PRACTICES:





M.Shekar B.com (C.A) II Year Was Explained Basics of Computer in ZPHS,
Thorrur

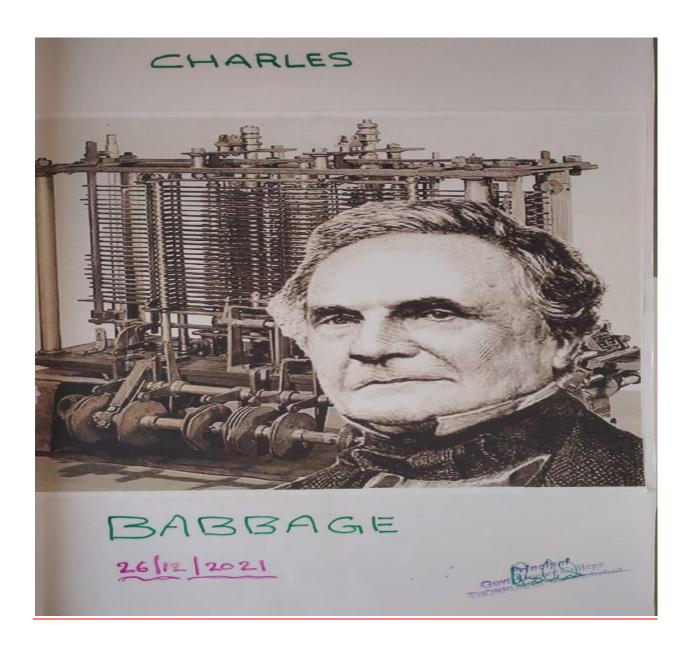
9. CERTIFICATE COURSE:





Certificates issuing for the students completing the certificate course in the year 2019-2020.

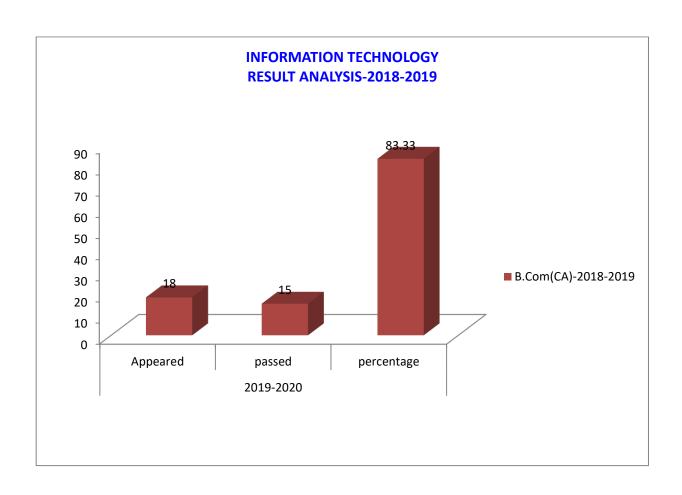
10. SPECIAL DAYS CELEBRATIONS:



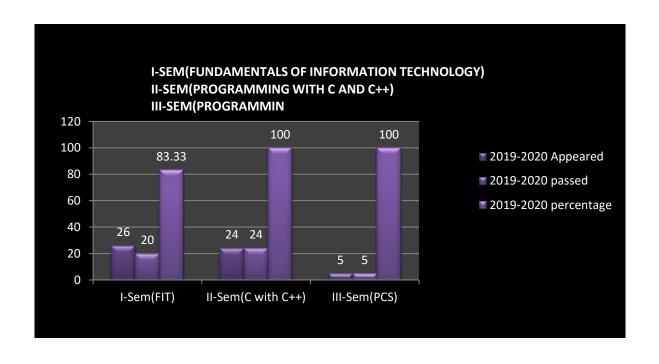
11. RESULT ANALYSIS:

Result analysis of Computer Science and Applications Academic Year wise2018-2019

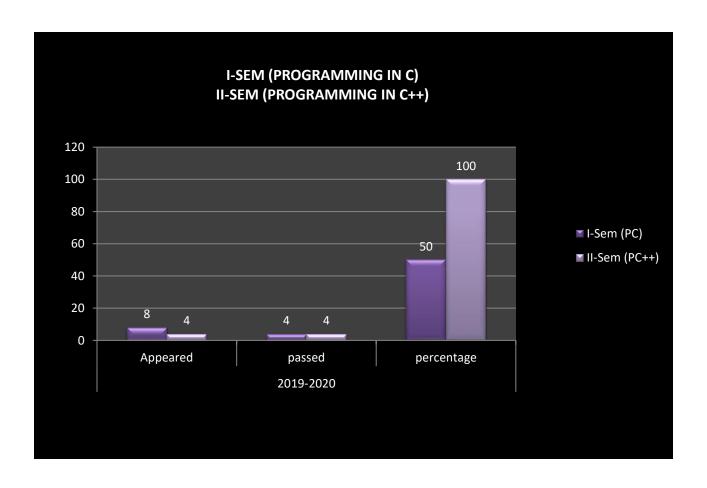
B.Co	I paper	
	Appeared	6
2018-2019	passed	5
	percentage	83.33



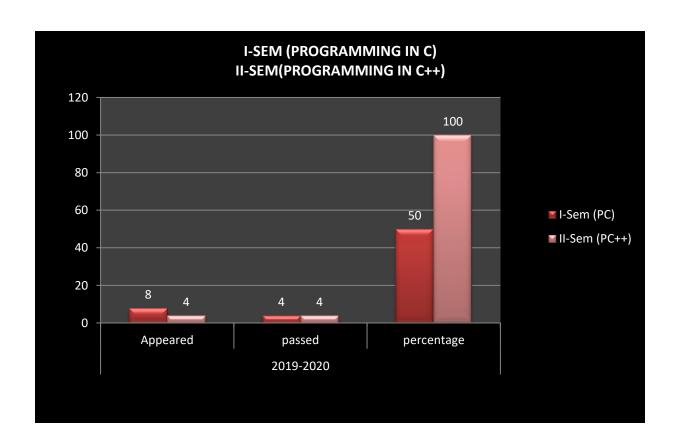
Computer Applications Result Analysis-2019-2020							
B.Co	B.Com(CA) I-Sem(FIT) II-Sem(C with C++) III-Sem(PCS)						
	Appeared	26	24	5			
2019-2020	passed	20	24	5			
	percentage	83.33	100	100			



Computer Applications Result Analysis-2019-2020						
В	.A(CA)	I-Sem(PC)	II-Sem(P C++)			
	Appeared	16	13			
2019-2020	passed	8	13			
	percentage	50	100			

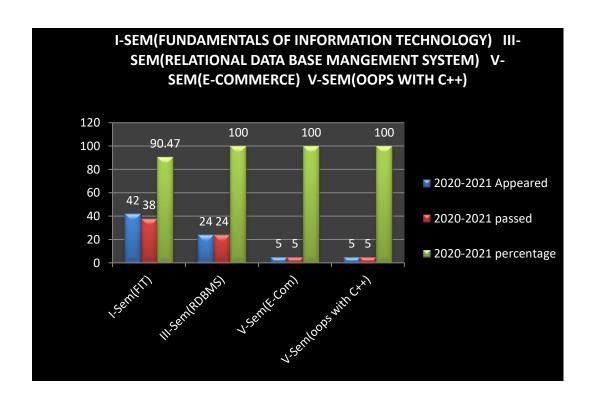


Computer Science Result Analysis-2019-2020						
B.Sc	I-Sem	II-Sem				
	Appeared	8	4			
2019-2020	passed	4	4			
	percentage	50	100			



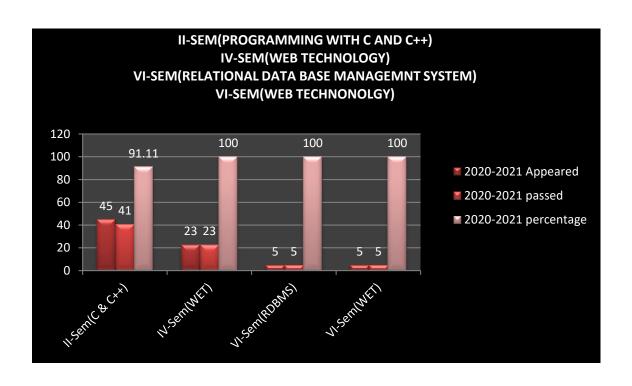
Computer Applications Result Analysis-2020-2021

• • •			· · · · · · · · · · · · · · · · · · ·			
2020- 2021	B.Com(CA)	I- Sem(FIT)	III-Sem(RDBMS)	V-Sem(E-Com)	V-Sem(oops with C++)	
	Appeared	42	24	5	5	
	passed	38	24	5	5	
	percentage	90.47	100	100	100	

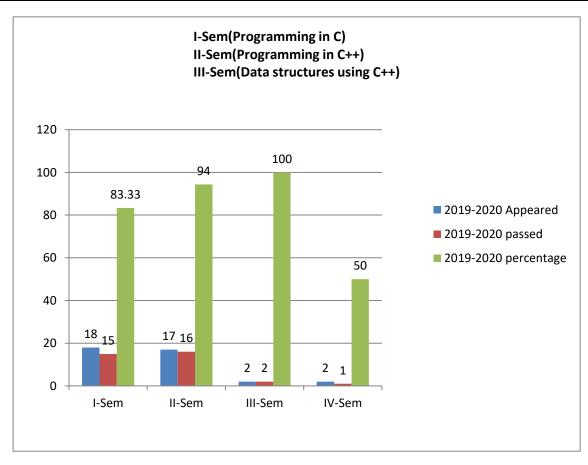


Computer Applications Result Analysis-2020-2021

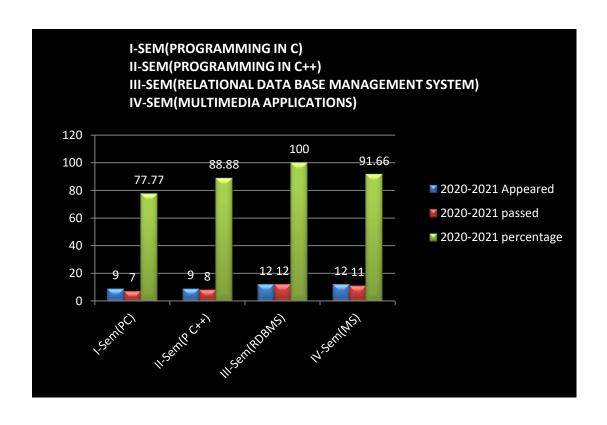
	B.Com(CA)	II-Sem(C & C++)	IV-Sem(WET)	VI-Sem(RDBMS)	VI- Sem(WET)
2020-2021	Appeared	45	23	5	5
	passed	41	23	5	5
	percentage	91.11	100	100	100



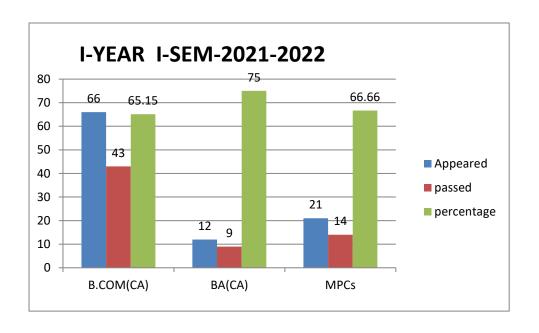
Computer Science Result Analysis-2020-2021					
B.Sc(MPCs)		I-Sem(PC)	II-Sem(P C++)	III-Sem(DS)	IV-Sem(DBMS)
2020-2021	Appeared	18	17	2	2
	passed	15	16	2	1
	percentage	83.33	94	100	50



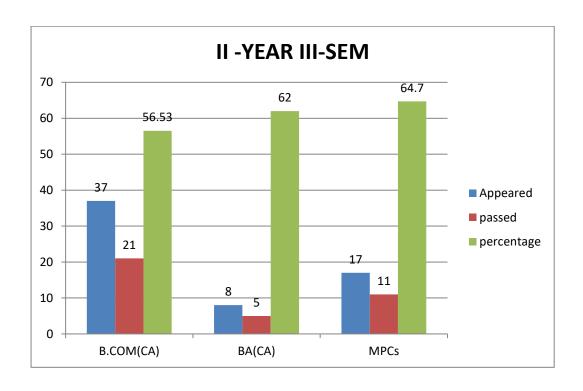
Computer Applications Result Analysis-2020-2021					
B.A(C.A)		I- Sem(PC)	II-Sem(P C++)	III-Sem(RDBMS)	IV-Sem(MS)
2020-2021	Appeared	9	9	12	12
	passed	7	8	12	11
	percentage	77.77	88.88	100	91.66



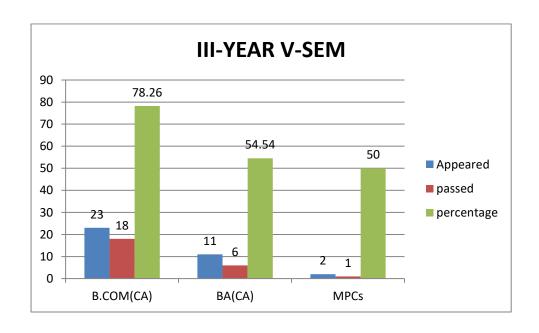
Computer Science & Applications Result Analysis I-YEAR I-SEM-2021-2022				
GROUP	B.COM(CA)	BA(CA)	MPCs	
Appeared	66	12	21	
passed	43	9	14	
percentage	65.15	75	66.66	



Computer Science & Applications Result Analysis II-YEAR III-SEM-2021-2022				
GROUP	B.COM(CA)	BA(CA)	MPCs	
Appeared	37	8	17	
passed	21	5	11	
percentage	56.53	62	64.7	

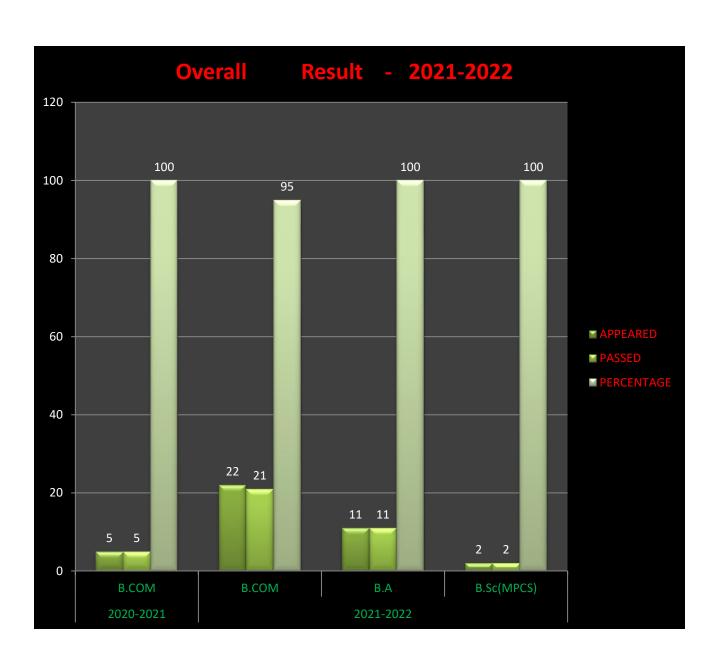


Computer Science & Applications Result Analysis III-YEAR V-SEM-2021-2022				
GROUP	B.COM(CA)	BA(CA)	MPCs	
Appeared	23	11	2	
passed	18	6	1	
percentage	78.26	54.54	50	



Result analysis of Computer Science and Applications OVER ALL RESULT 2020-2021 AND 2021-2022

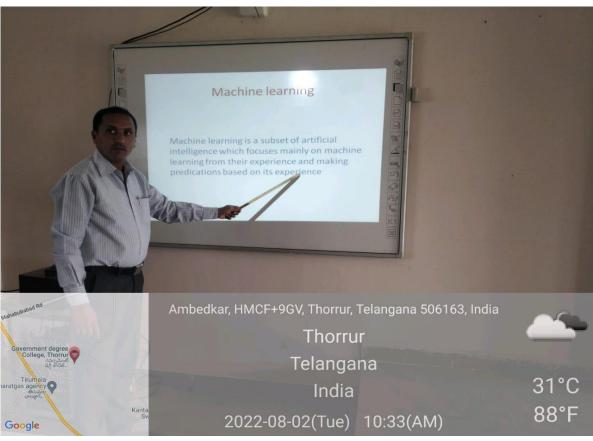
YEAR	GROUP	APPEARED	PASSED	PERCENTAGE
2020-2021	B.COM	5	5	100
2021-2022	B.COM	22	21	95
	B.A	11	11	100
	B.Sc(MPCS)	2	2	100



Department Academic Activities:

12. E-content / ICTs:





GOVT.DEGREE COLLEGE

THORRUR-MAHABUBABAD (Dist).

(Affiliated to Kakatiya University, Warangal)

jc.gdc.thorrur@gmail.com

Date: 28-07-2022

Government Degree college, Thorrur and Government Degree college, Mahabubabad, have together decided to collaborate with each other for the enrichment of Academic activities of both the colleges.

Through the collaboration are agreed upon focusing on the following activities.

- Research, Exchange of Faculty, Exchange of students / internship
- Conduct of Workshops / Seminars / Conferences

This collaboration is valid for a period of FIVE Years.

In-Charge

Govt. Degree College Dept.of.Computers

GDC Mahabubabad Mahabubabad (Dist)

Mary

Government Degree College

Thorrur

Dist.Mahabubabad

In-Charge

Dept.of Computers

GDC, Thorrur

Mahabubabad (Dist)

Principal

Government Degree College

Mahabubabad (Dist)

Dist:Melvabubabad

14. DOST Admissions:



Dost Help Line in the Year 2019-2020



Dost Help Line in the year 2020-2021



Best Practices: Hard ware and Software Installations



Admission compiling



Haritha Haram 09-02-2022

15. Future Employment:



The Future Employment opportunities programme was conducted on the date 11-10-2019 for the students B.Sc, B.Com (C.A), B.A(C.A) .He Motivated the students towards higher education like M.Sc(Cs),M.B.A,M.C.A

FUTURE PLANS:

- ➤ Proposals to start B.Sc. (MCCs)(Mathematics, Chemistry, Computer science)
- ➤ Proposals to Start B.Sc (BZCs) Botany, Zoology, Computer Science
- ➤ Awareness programmes on Software
- > Scientific tours to study Software plants in collaboration with the department of Computer Applications
- > Field trips to software company live projects
- ➤ Planning research activity and apply for minor research projects
- ➤ Conducting state and National level seminars and workshops