



**J.V.R. Government College, Sathupally**  
**Department of Computer Science and**  
**Applications**

# **Profile**

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## **About Department**

J.V.R. Government College introduced Computer Science and Applications programs to meet the global needs of industrial world. With this aim, Bachelor of Science is offered in 1998. This Program aim to attract bright students throughout the region for quality education at under-graduate level and designed to produce IT professionals with latest technical and professional skills to meet the requirements of the industry.

- Computers are now affecting every sphere of human activity and bringing about many changes in Industries, Education fields like Medicine, Scientific Research, Law and Social science.
- A foundation of knowledge for a life time of learning, computers have become a good companion to man.
- Department was established in the year 1998 under UG Restructured Self-financial Courses with B.Sc. (Computer Science) , B.Com (Computer Applications) was established in 2000, B.A (Computer Applications) was established in 2006.

## **VISION**

To attain excellence in various fields of Computer Science and Applications in Education & Industry.

## **MISSION**

- ❖ Motivate students in continuous learning to enhance their technical, communicational and managerial skills.
- ❖ Facilitate effective learning environment to the students.
- ❖ Providing practical training related to professional skills.
- ❖ To inculcate work ethics and commitment in students.

## Faculty Profiles



### Head of the Department

NAME : **G. VEERA REDDY**  
QUALIFICATION : M.Sc. ,M.Phil.,  
DESIGNATION : Lecturer in Computer Science & Applications  
EXPERIENCE : 20 Years  
PHONE NO : 9440344314  
EMAIL – ID : [gorlareddy@gmail.com](mailto:gorlareddy@gmail.com)

### ADDITIONAL RESPONSIBILITIES:

1. Academic & Examinations-Member
2. IQAC-Member
3. Time Table Committee-Member
4. e-Classroom/Website/Internet Committee-Member
5. Alumni Association/Parents meeting co-ordinating Committee-Member



## Faculty Member

NAME : **M. VIJAY RAMA KRISHNA**  
QUALIFICATION : M.C.A  
DESIGNATION : Lecturer in Computer Science &  
Applications  
EXPERIENCE : 3 Years  
PHONE NO : 9010464745  
EMAIL – ID : [vijay.m888@gmail.com](mailto:vijay.m888@gmail.com)

## Curricular Aspects

### BSC MPCs & MCCs

<b>Course Title</b>	<b>HpW</b>	<b>Credits</b>
Programming in C	4T + 3P = 7	4 + 1 = 5
Programming in C++	4T + 3P = 7	4 + 1 = 5
Fundamentals of Computers	2T	2
Data Structure using C++	4T + 3P = 7	4 + 1 = 5
Data Base Management Systems	4T + 3P = 7	4 + 1 = 5
Programming in Java	4T + 3P = 7	4 + 1 = 5
Web Technologies	4T + 3P = 7	4 + 1 = 5
PHP with MySQL	3T + 3P = 6	3 + 1 = 4

### B.Com- CA

<b>Course Title</b>	<b>HPW</b>	<b>Credits</b>
Fundamentals of Information Technology	3T+4P=7	5
Programming with C & C++	3T+4P=7	5
Fundamentals of Computers	2T	2
Relational Database Management system	3T+4P=7	5
Web Technologies	3T+4P=7	5
Ecommerce	3T+4P=7	5
Cyber Security	3T+4P=7	5

### BA- CA

<b>Course Title</b>	<b>HPW</b>	<b>Credits</b>
Programming in C	4T+3P=7	4+1=5
Programming in C++	4T+3P=7	4+1=5
Fundamentals of Computers	2T	2
Relational Database management System	4T+3P=7	4+1=5
Multimedia systems	4T+3P=7	4+1=5
Programming in JAVA	4T+3P=7	4+1=5
Web Technologies	4T+3P=7	4+1=5

## **Program Educational Objectives**

- Graduates of the program will become technically competent to pursue higher studies.
- Graduates of the program will utilize modern and advanced technological tools for performing Investigation, analysis and synthesis by identifying various computer solutions.
- Graduates of the program will collaborate with multi-disciplinary teams and will be able to become leaders in their organization, their profession and in society.

## **Program Outcomes**

- Ability to apply knowledge in mathematics, Accounting and science fundamentals to solve problems.
- Ability to use a range of programming languages and tools to develop computer programs to solve problems effectively.
- Design, and analyze precise specifications of algorithms, procedures, and interaction behaviour.
- Ability to communicate effectively in both verbal and written form in industry and society.
- Ability to work in teams to build software systems and apply the technologies in various fields of Computer Science, including Mobile applications, Website development and management, databases, and computer networks.
- Ability to select appropriate techniques to tackle and solve problems in the discipline of information security management.
- Understand the basic concepts of system software, hardware and computer graphics.



## **Student Outcomes:**

### **Outcome 1 - Communication**

- Students will be able to communicate in written and oral forms in such a way as to demonstrate their ability to present information clearly, logically, and critically.

### **Outcome 2 - Mathematics and Theory**

- Students will be able to apply mathematical and computing theoretical concepts in solution of common computing applications, such as computing the order of an algorithm.

### **Outcome 3 - Programming**

- Students will be able to complete successfully be able to program small-to-mid-size programs on their own. Sufficient programming skills will require use of good practice, e.g., good variable names, good use of computational units, appropriate commenting strategies.

### **Outcome 4 - Systems Design and Engineering**

- Students will be able to use appropriately system design notations and apply system design engineering process in order to design, plan, and implement software systems

### **Outcome 5 - Depth of Knowledge**

- In a self-selected area of depth in Computing, students will demonstrate a depth of knowledge appropriate to graduate study and/or lifelong learning in that area. Students should be able to read for understanding materials in that area beyond those assigned in coursework.

### **Outcome 6 - Preparation for Career and/or Graduate Study**

- Students will be prepared for a career in an information technology oriented business or industry, or for graduate study in computer science or other scientific or technical fields.

**Outcome 7:** The students have an opportunity in the field of commerce

and Computer Applications

**Outcome 8:** B.Com. (CA) course facilitate students to go for professional Courses like CA, ICWA, etc

**Outcome 9:** The students are given knowledge in Income Tax and Computer Applications provides Practical knowledge in Accounting package software to the students

## Course Outcomes

The department offered various courses under CBCS the following are the course outcomes.

<b>COURSE OUTCOMES OF B.Sc(COMPUTER SCIENCE)</b>	
<b>Semester-I, Paper-1 (Programming in C) – 5 Credits</b>	
CO-1	It will help you understand how a computer works and established.
CO-2	Explains the concepts of C Tokens (Like operators and Data types)
CO-3	Develops basic understanding of computers, the concept of algorithms and code
CO-4	Understanding a functional hierarchical code organization
CO-5	Ability to work with textual information, characters and strings
CO-6	Ability to work with arrays of complex objects.
CO-7	Understanding a concept of object thinking within the framework of functional model.
CO-8	Ability to handle possible errors during program execution
CO-9	Ability to work with structure and unions.
<b>Semester-II, Paper-2 (Programming in C++) – 5 Credits</b>	
CO-1	To understand how C++ improves C with object-oriented features.
CO-2	To learn how to write inline functions for efficiency and performance.

CO-3	To learn the syntax and semantics of the C++ programming language.
CO-4	To learn how to design C++ classes for code reuse.
CO-5	To learn how to implement copy constructors and class member functions.
CO-6	To understand the concept of data abstraction and encapsulation.
CO-7	To learn how to overload functions and operators in C++.
CO-8	To learn how containment and inheritance promote code reuse in C++.
CO-9	To learn how inheritance and virtual functions implement dynamic binding with polymorphism.
CO-10	To learn how to design and implement generic classes with C++ templates.
CO-11	To learn how to use exception handling in C++ programs.

**Semester-III, Paper-3 (Data Structures) – 4 Credits**

CO1	Ability to analyze basic concepts in types of data structures
CO2	Ability to describe stack, queue and linked list operation.
CO3	Understand the usage and applications of different data structures.
CO4	Ability to have knowledge of tree and graphs concepts.
CO5	To understand the concepts of different tree structures and traveling techniques.
CO6	Ability to summarize searching and sorting techniques

CO7	Identify the need of different Hashing Techniques.
CO8	Explain priority queues with example.
<b>Semester-IV, Paper-4 (Database Management System) – 4 Credits</b>	
CO1	Describe the fundamentals of File processing and database processing system.
CO2	Explain the various data model and its application.
CO3	Design ER diagrams for new databases.
CO4	Explain the fundamental concepts of SQL programs.
CO5	Describe the concepts of function, procedure, package, trigger and exception handling.
CO6	Explain the various normal forms and its role in DBMS.
CO7	Ability to identify various normal forms with relational tables.
CO8	Understand the Transactions and their proprieties(ACID).
CO9	Understand recovery techniques used to recover from crashes.
<b>SEMESTER –V PAPER-5 (Programming in JAVA) 3 CREDITS</b>	
CO 1	Gain knowledge to define the concepts of the programming to cover software design, implementation using java.
CO 2	The student will be able to use an integrated development environment to write compile, run simple object oriented java programs.
CO 3	Explain the process of developing the code.

CO 4	Understand the datatypes, arrays, primary components in java.
CO5	Gain the knowledge on packages and input and output files.
CO 6	Explain the process of threading and multithreading.
CO 7	To understand the Abstract window toolkit and swings to create different forms of buttons,checkboxes,layouts etc.
CO 8	Identify the connection of database by using JDBC.
<b>Semester-V, Paper-6 (Operating Systems) – 3 Credits</b>	
CO-1	To understand design issues related to Process management and various related algorithms.
CO-2	Explain the concept of a process and the process control block (PCB) in a typical OS.
CO-3	Understand the process management policies and scheduling of processes by CPU.
CO-4	Evaluate the requirement for process synchronization and coordination handled by operating system.
CO-5	To understand design issues related to Memory management and various related algorithms.
CO-6	Explain the difference between a process and a thread.
CO-7	Identify use and evaluate the storage management policies with respect to different storage management technologies.
CO-8	Identify the need to create the special purpose operating system.

**Semester –VI Paper-7 (Web Technologies) - 3 Credits**

CO 1	Describe HTML and XHTML.
CO 2	Use different types of tags for tables, frames, forms.
CO 3	Describe the navigation using Anchor tag.
CO 4	Learn cascading style sheets and design issues.
CO 5	Understand the java scripts for performing validations on forms.
CO 6	The concept of apply all the tags to create web pages.

**Semester-VI, Paper-8 (Computer Networks) – 3 Credits**

CO 1	Describe the functions of each layer in OSI and TCP/IP model
CO 2	Understand different types of networks, various topologies and application of networks.
CO 3	Explain the functions of Application layer and Presentation layer paradigms and Protocols.
CO 4	Describe the Session layer design issues and Transport layer services.
CO 5	Understand the concept of networking models, protocols, functionality of each layer.
CO 6	Explain the types of transmission media with real time applications.
CO 7	Understand types of addresses, data communication.
CO-8	Learn basic networking hardware and tools.

<b>COURSE OUTCOMES OF B Com( COMPUTER APPLICATIONS)</b>	
<b>SEMESTER-I Fundamentals of Information Technology (Credits-05)</b>	
	Fundamentals of Information Technology: To understand the basic concepts & technology of information technology and to identify issues related to information security.
CO1	Computer, basic components of computer memory management hardware parts input & output devices printer's scanners.
CO2	Binary, arithmetic number system primary storage ram & rom secondary storage devices.
CO3	Software & its needs types of s/ws programming languages system s/w application s/w & its types word excel power point presentation DBMS s/w.
CO4	Operating system & its functions assembler compiler interpreter types of os.
CO5	Data communication networking devices data transmission media modem topologies, types of networks.
<b>SEMESTER-II PROGRAMMING WITH C &amp; C++: (Credits-05)</b>	
CO1	Understanding the different basic fundamental of C programming
CO2	Develop Programming logic and use of programming instructions, syntax and programme structure. Looping statements
CO3	Demonstrate use of data types, operators, keywords, functions, structures, file handling etc.
CO4	Application of Pointers, array and dynamic memory allocation functions in practice .
CO5	concepts and advantages of object oriented programming.
<b>SEMESTER-II BASIC COMPUTER SKILLS: AEC1 (Credits-02)</b>	
CO1	Basic applications of computer components operating computer word processing.
CO2	Using spread sheets basics of presentation software internet www web browsers.
<b>SEMESTER-III RELATIONAL DATABASE MANAGEMENT SYSTEMS: (Credits05)</b>	
CO1	List the different issues involved in the design and implementation of a database system. Give a Study report on the physical and logical database designs, database modeling, relational model.



CO2	Understand and database normalization concepts and design a normalized database
CO3	Use data manipulation language to query, update, and manage a database
CO4	Develop an understanding of essential DBMS concepts such as: database security, integrity & concurrency Transaction control.
<b>SEMESTER-IV WEB TECHNOLOGIES: (Credits-05) Paper-4</b>	
CO1	Understand & Apply HTML(5) programming
CO2	Demonstrate dynamic webpage development using java script and DHTML&CSS
CO3	Write well-structured, easily maintained JavaScript
CO4	Demonstrate the events & event handling
CO5	Design a well formed / valid XML document
SEMESTER-V E-Commerce: (Credits-05) Paper-5	
CO1	Define and differentiate various types of Ecommerce Describe Hardware and Software
CO2	Technologies for Ecommerce. payment systems for E - commerce.
CO3	Describe the process of Selling and Marketing on web.
CO4	Define and Describe E-business and its Models.
CO5	Discuss various E business Strategies.
<b>SEMESTER-VI CYBER SECURITY : (Credits-05) Paper-6</b>	
CO1	Students will be able to learn various security web application services & servers.
CO2	Students will be able to learn intrusion detection & preventions
CO3	Students will be able to learn various cryptography & network securities
CO4	Students will be able to learn cyberspace Law & policies and cyber forensic tools
CO5	Students will be able to learn various cyber security vulnerabilities & safe guards.

## Timetable for the Academic Year 2021-22

### Department of Computer Science / Applications

DAY	Year / time	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30 - 2.20	2.20-3.10	3.10-4.00
		1	2	3		4	5	6
MON	1	BSC/ BA			LUNCH BREAK	BA (BCS)		BSC (BCS)
	2		BSC	BCOM		BSC- LAB		
	3					BA - LAB		
TUE	1	BSC/ BA				BCOM (BCS)	BSC (BCS)	BA(BCS)
	2		BSC/ BCO M					BA
	3					BSC- LAB		BSC LAB/ BCOM
WED	1	BSC/ BA/ BCO M				BCOM (BCS)		BA(BCS)
	2		BSC / BCO M					BSC(PYTHON )
	3			BSC /BA				
THUR	1	BSC/ BA/ BCO M				BSC- LAB/ BCOM LAB		
	2		BA / BCO M					
	3		BCO M	BSC /BA				
FRI	1	BCO M			BA- LAB /BCOM LAB			
	2		BA		BCOM LAB			

	<b>3</b>		<b>BCO M</b>	<b>BSC /BA</b>		
<b>SAT</b>	<b>1</b>	<b>BCO M</b>				
	<b>2</b>	<b>BSC</b>	<b>BA</b>		<b>BA LAB &amp; BSC(PYTHON)</b>	
	<b>3</b>		<b>BCO M</b>	<b>BSC /BA</b>	<b>BCOM LAB</b>	

## INDIVIDUAL TIME TABLE FOR THE ACADEMIC YEAR 2021 - 2022

Name of the Lecturer: **G. Veera Reddy., M.Sc., M.Phil.,**

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30 - 2.20	2.20-3.10	3.10-4.00
	1	2	3		4	5	6
MON	I BA-CA			LUNCH BREAK	III BA- CA LAB		
TUE	I BA-CA						III BCOM-CA
WED	I BA-CA		III BA-CA				
THU	I BA-CA	III BCOM-CA	III BA-CA		I BCOM- CA- LAB		
FRI		III BCOM-CA	III BA-CA		I BA- CA- LAB		
SAT		III BCOM-CA	III BA-CA		III BCOM-CA- LAB		

## INDIVIDUAL TIME TABLE FOR THE ACADEMIC YEAR 2021 - 2022

Name of the Lecturer: **M.Vijay Rama Krishna, MCA**

DAY	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30 - 2.20	2.20-3.10	3.10-4.00
	1	2	3		4	5	6
MON	I BSC-CSC	II BSC-CSC		<b>LUNCH BREAK</b>	II BSC-CSC- LAB		
TUE	I BSC-CSC	II BSC-CSC			I BCOM-BCS (GENERAL PAPER)	I BSC-BCS (GENERAL PAPER)	II BA-CA
WED	I BSC-CSC	II BSC-CSC			I BCOM-BCS (GENERAL PAPER)		I BA- BCS (GENERAL PAPER)
THU	I BSC-CSC	II BA-CA			I BSC- CSC- LAB		
FRI		II BA-CA			I BCOM- CA- LAB		
SAT		II BA-CA			II BA- CA - LAB		

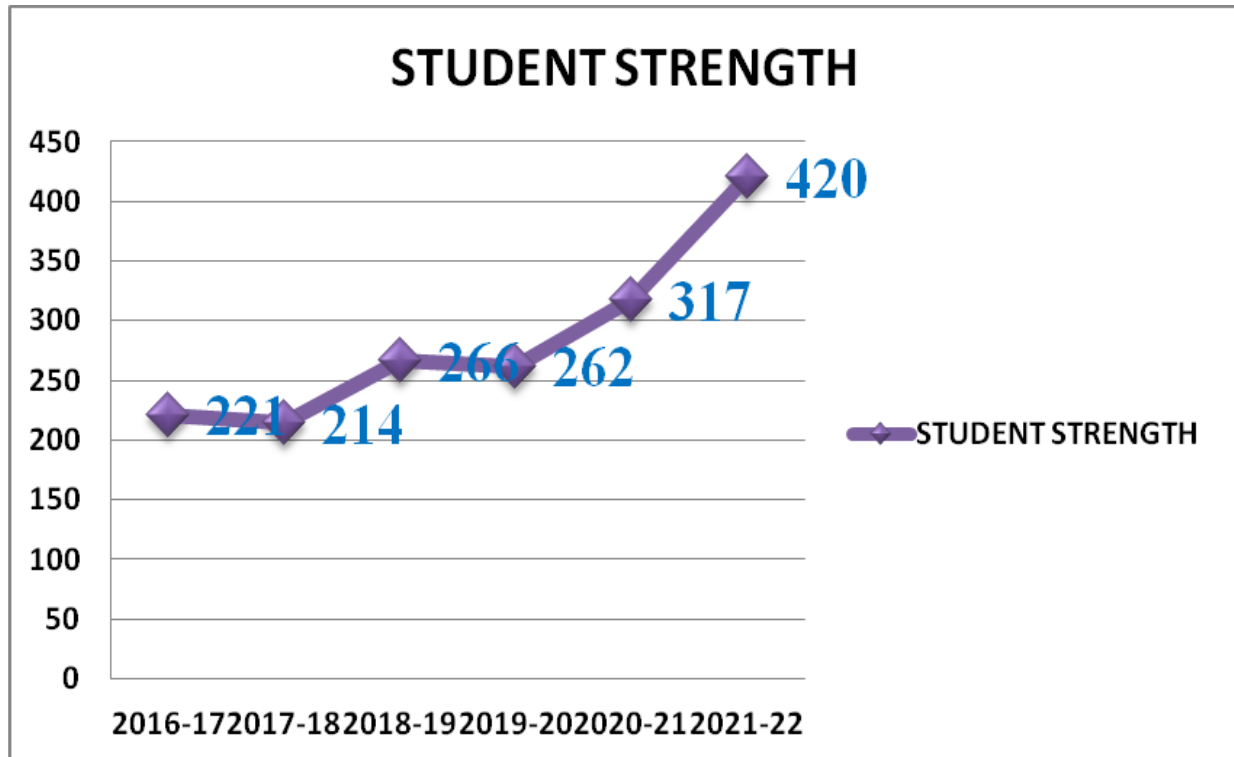
**Teaching, Learning & Evaluation**  
Department of Computer Science / Applications

**Strength Particulars for the Academic years 2016-2017 to 2021-2022**

Gro up	Y e a r	2016-2017			2017-2018			2018-2019			2019-2020			2020-2021			2021-2022		
		M	F	Tot	M	F	Tot	M	F	To t	M	F	Tot	M	F	Tot	M	F	Tot
B. A- CA	1	10	13	23	11	5	16	20	3	23	5	1	6	10	6	16	9	1	10
	2	0	0	0	9	13	22	10	5	15	8	2	10	3	1	4	6	5	11
	3	5	2	7	0	0	0	8	13	21	8	5	13	5	3	8	3	1	4
		15	15	30	20	18	38	38	21	59	21	8	29	18	10	28	18	7	25
B.Co m- CA	1	40	35	75	33	31	64	57	39	96	71	47	118	87	33	120	99	47	146
	2	16	18	34	20	13	33	16	17	33	21	20	41	51	38	89	73	23	96
	3	26	3	29	12	17	29	19	12	31	10	14	24	18	15	33	50	39	89
		82	56	138	65	61	126	92	68	160	102	81	183	156	86	242	222	109	331
B.Sc -CS	1	13	5	18	13	8	21	7	5	12	18	7	25	22	5	27	24	5	29
	2	6	9	15	10	5	15	12	6	18	4	4	8	9	4	13	17	5	22
	3	10	10	20	5	9	14	9	8	17	11	6	17	3	4	7	9	4	13
	<b>G. Total</b>			221			214			266			262			317			420

**BA/B.COM/B.SC(M) STRENGTH PARTICULARS**

ACADEMIC YEAR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
STUDENT STRENGTH	221	214	266	262	317	420



<b>Strength Particulars for the Academic year- 2021-22</b>												
I YEAR		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	3	0	5	1	0	0	1	0	9	1	10
B.Com	COMPUTERS	20	13	47	30	29	3	3	1	99	47	146
BSC(M)	MPCs	6	1	6	1	6	0	1	1	19	3	22
	MCCs	1	0	0	1	4	1	0	0	5	2	7
II YEAR												
BA	HECA	3	1	3	3	0	1	0	0	6	5	11
B.Com	COMPUTERS	23	4	20	12	24	6	6	1	73	23	96
BSC(M)	MPCs	5	4	6	0	2	1	0	0	13	5	18
	MCCs	2	0	1	0	1	0	0	0	4	0	4
III YEAR												
BA	HECA	1	1	2	0	0	0	0	0	3	1	4
BCOM	computers	16	4	21	27	11	8	1	0	50	39	89
BSC(M)	MPCs	2	0	3	3	3	0	0	0	8	3	11
	MCCs	1	0	0	0	0	1	0	0	1	1	2
TOTAL		20	5	26	30	14	9	1	0	62	44	106
GRAND TOTAL											420	



<b>Strength Particulars for the Academic year- 2020 - 21</b>												
I YEAR		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	4	2	4	3	2	1	0	0	10	6	16
BCOM	COMPUTERS	30	6	26	19	25	7	6	1	87	33	120
B.SC(M)	MPCs	4	4	9	0	2	1	1	0	16	5	21
	MCCs	1	0	3	0	2	0	0	0	6	0	6
<b>TOTAL</b>		<b>40</b>	<b>16</b>	<b>45</b>	<b>23</b>	<b>37</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>129</b>	<b>49</b>	<b>178</b>
<b>II YEAR</b>												
BA	HECA EM	1	1	2	0	0	0	0	0	3	1	4
B.Com	COMPUTERS	18	4	19	25	13	9	1	0	51	38	89
B.Sc(M)	MPCs	2	0	3	3	3	0	0	0	8	3	11
	MCCs	1	0	0	0	0	1	0	0	1	1	2
<b>TOTAL</b>		<b>22</b>	<b>5</b>	<b>24</b>	<b>28</b>	<b>16</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>63</b>	<b>43</b>	<b>106</b>
<b>III YEAR</b>												
BA	HECA	0	0	4	3	1	0	0	0	5	3	8
BCOM	COMPUTERS	5	3	9	7	4	5	0	0	18	15	33
B.Sc(M)	MPCs	0	0	2	2	1	1	0	1	3	4	7
<b>TOTAL</b>		<b>7</b>	<b>4</b>	<b>17</b>	<b>14</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>33</b>	<b>25</b>	<b>58</b>
<b>GRAND TOTAL</b>											<b>317</b>	

<b>Strength Particulars for the Academic year- 2019 - 20</b>												
I YEAR		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	1	0	4	1	0	0	0	0	5	1	6
BCom	COMPUTERS	25	5	32	33	12	9	2	0	71	47	118
B.Sc(M)	MPCs	2	0	6	5	5	0	2	0	15	5	20
	MCCs	1	1	2	0	0	1	0	0	3	2	5
TOTAL		29	6	44	39	17	10	4	0	94	55	149
II YEAR												
BA	HECA	0	0	1	0	1	0	0	0	2	0	2
	EPCA	0	0	5	2	1	0	0	0	6	2	8
BCom	COMPUTERS	6	4	11	10	4	6	0	0	21	20	41
B.SC(M)	MPCs	0	0	2	2	2	1	0	1	4	4	8
TOTAL		9	5	22	15	10	8	1	1	42	29	71
III YEAR												
BA	HECA	1	1	6	4	1	0	0	0	8	5	13
BCom	COMPUTERS	5	1	2	11	3	2	0	0	10	14	24
B.Sc(M)	MPCs	0	1	2	3	3	1	0	0	5	5	10
	MCCs	0	0	3	1	3	0	0	0	6	1	7
TOTAL		6	3	13	19	10	3	0	0	29	25	54
GRAND TOTAL										262		

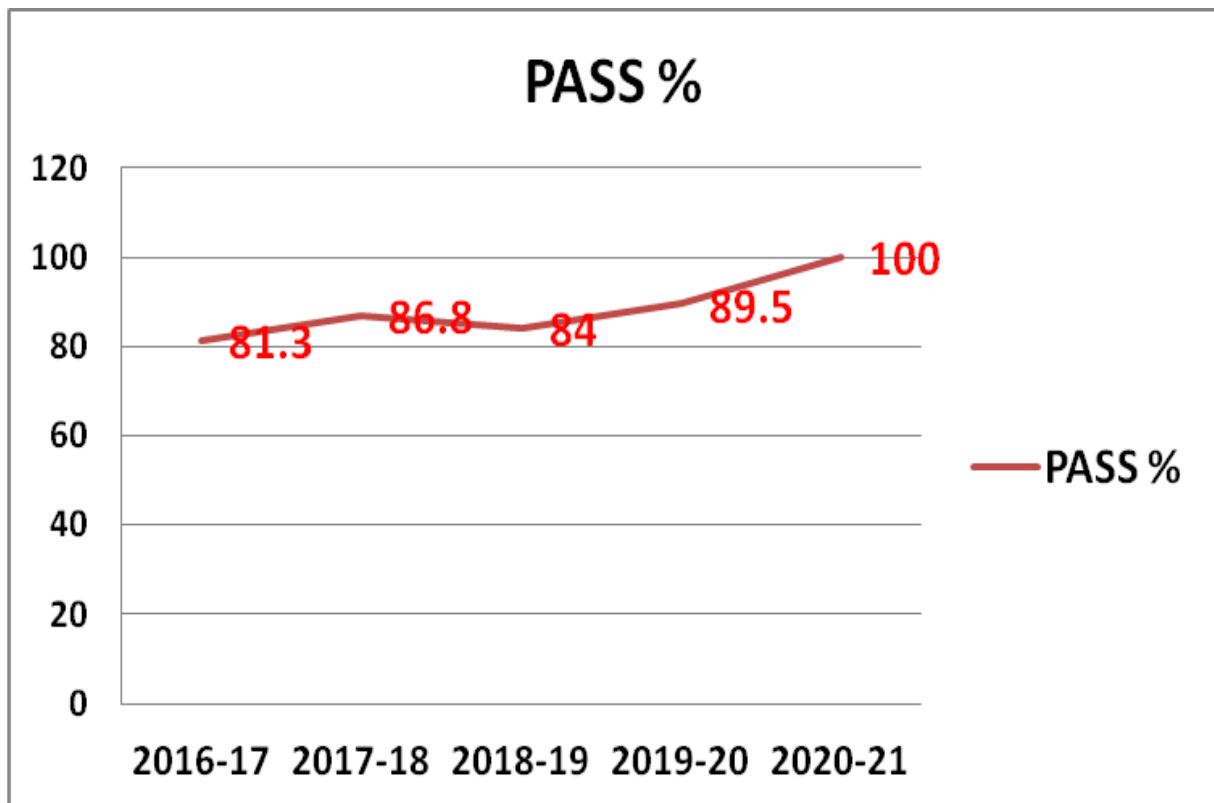
<b>Strength Particulars for the Academic year- 2018 - 19</b>												
		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	1	0	3	0	1	0	0	0	5	0	5
	EPCA	1	0	13	3	1	0	0	0	15	3	18
B.Com	GENERAL	7	2	8	15	5	1	2	0	22	18	40
	COMPUTERS	8	4	24	12	4	5	0	0	35	21	56
B.Sc(M)	MPCs	0	0	5	3	2	1	0	0	7	5	12
TOTAL		17	6	53	33	13	7	2	0	84	47	131
II YEAR												
BA	HECA	7	4	1	1	2	0	0	0	10	5	15
B.Com	COMPUTERS	5	3	5	11	5	3	1	0	16	17	33
B.Sc(M)	MPCs	0	0	2	3	4	1	0	0	6	5	11
	MCCs	0	0	3	1	3	0	0	0	6	1	7
TOTAL		12	7	11	16	14	4	1	0	38	28	66
III YEAR												
BA	HECA	2	1	5	12	1	0	0	0	8	13	21
B.Com	COMPUTERS	5	4	7	7	7	1	0	0	19	12	31
B.Sc(M)	MPCs	1	0	2	3	1	1	0	0	4	4	8
	MCCs	0	0	3	0	2	1	0	0	5	4	9
TOTAL		8	5	17	22	11	3	0	0	36	33	69
										GRAND TOTAL		266

<b>Strength Particulars for the Academic year- 2017 - 18</b>												
I YEAR		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	1	1	8	4	2	0	0	0	11	5	16
B.Com	GENERAL	3	2	6	11	2	0	0	0	11	13	24
	COMPUTERS	6	3	5	12	9	3	2	0	22	18	40
B.Sc(M)	MPCs	0	2	3	3	4	1	0	0	7	6	13
	MCCs	0	0	3	2	3	0	0	0	6	2	8
<b>TOTAL</b>		<b>10</b>	<b>8</b>	<b>25</b>	<b>32</b>	<b>20</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>57</b>	<b>44</b>	<b>101</b>
<b>II YEAR</b>												
BA	HECA	2	1	5	12	2	0	0	0	9	13	22
B.Com	COMPUTERS	6	4	7	7	8	1	0	0	20	13	33
B.Sc(M)	MPCs	1	0	2	3	2	1	0	0	5	4	9
	MCCs	0	0	3	0	2	1	0	0	5	1	6
<b>TOTAL</b>		<b>9</b>	<b>5</b>	<b>17</b>	<b>22</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>31</b>	<b>70</b>
<b>III YEAR</b>												
B.Com	COMPUTERS	3	1	4	14	5	0	0	2	12	17	29
B.Sc(M)	MPCs	1	2	0	5	1	0	0	0	3	6	9
	MCCs	0	2	0	1	1	0	1	0	2	3	5
<b>TOTAL</b>		<b>5</b>	<b>5</b>	<b>4</b>	<b>20</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>17</b>	<b>26</b>	<b>43</b>
<b>GRAND TOTAL</b>											<b>214</b>	

<b>Strength Particulars for the Academic year- 2016 - 17</b>												
I YEAR		SC		ST		BC		OTHERS		TOTAL		
		M	F	M	F	M	F	M	F	M	F	TOTAL
BA	HECA	3	1	5	12	2	0	0	0	10	13	23
B.Com	GENERAL	0	5	17	13	3	2	0	0	20	20	40
	COMPUTERS	5	5	7	9	8	1	0	0	20	15	35
B.Sc(M)	MPCs	1	0	2	3	2	1	0	0	5	4	9
	MCCs	1	0	4	0	3	1	0	0	8	1	9
<b>TOTAL</b>		<b>10</b>	<b>11</b>	<b>35</b>	<b>37</b>	<b>18</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>53</b>	<b>116</b>
<b>II YEAR</b>												
B.Com	COMPUTERS	4	1	5	15	7	0	0	2	16	18	34
B.Sc(M)	MPCs	2	1	1	5	1	0	0	0	4	6	10
	MCCs	0	2	0	1	1	0	1	0	2	3	5
<b>TOTAL</b>		<b>6</b>	<b>4</b>	<b>6</b>	<b>21</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>22</b>	<b>27</b>	<b>49</b>
<b>III YEAR</b>												
BA	HECA	1	0	3	2	1	0	0	0	5	2	7
B.Com	COMPUTERS	7	1	8	1	11	11	1	0	26	3	29
B.Sc(M)	MPCs	0	3	3	3	2	0	0	0	6	7	13
	MCCs	1	1	0	0	3	2	0	0	4	3	7
<b>TOTAL</b>		<b>9</b>	<b>5</b>	<b>14</b>	<b>6</b>	<b>17</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>41</b>	<b>15</b>	<b>56</b>
<b>GRAND TOTAL</b>											<b>221</b>	

## Result Analysis

<b>BA/B.COM/B.SC(M) FINAL YEAR RESULTS</b>					
<b>ACADEMIC YEAR</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>
<b>PASS %</b>	<b>81.3</b>	<b>86.8</b>	<b>84</b>	<b>89.5</b>	<b>100</b>

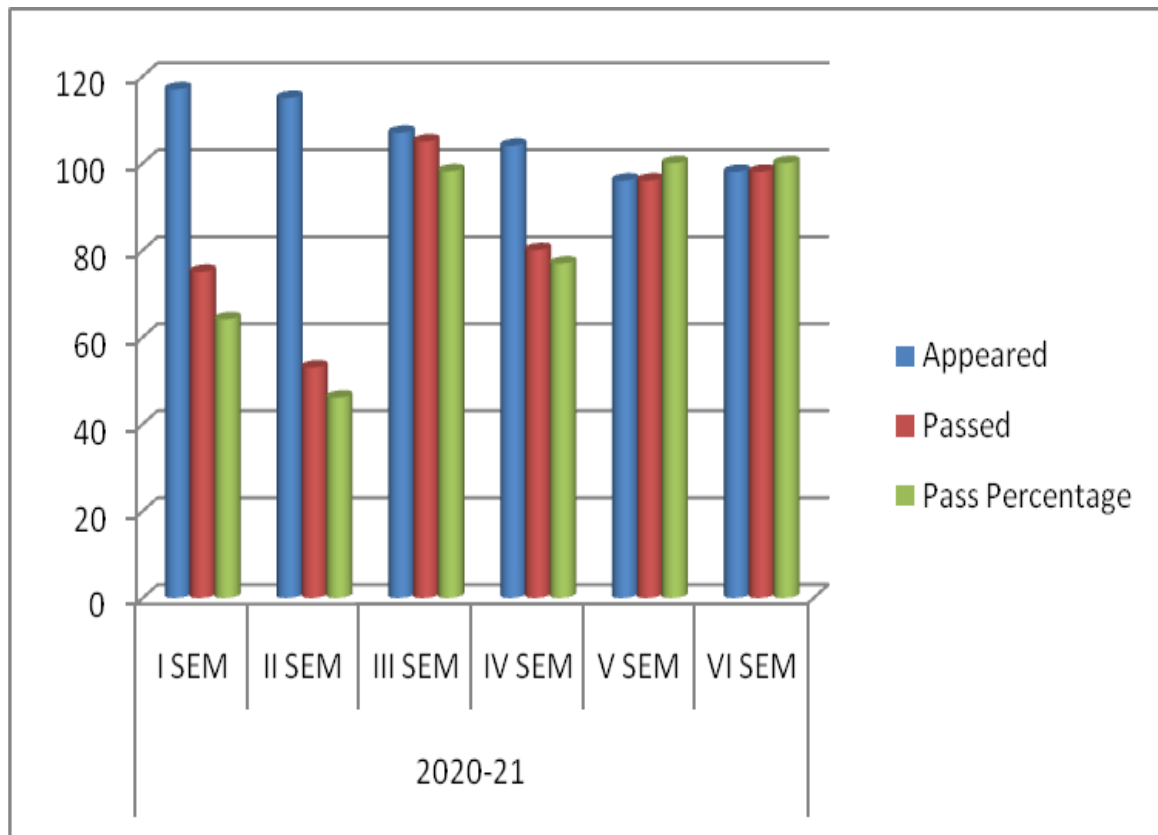


## Academic Year 2020-21

### BA/B.Com/B.Sc- Computer Science and Applications

Academic Year	Semester	Appeared	Passed	Pass Percentage
2020-21	I SEM	117	75	64.10
	II SEM	115	53	46.08
	III SEM	107	105	98.13
	IV SEM	104	80	76.92
	V SEM	96	96	100
	VI SEM	98	98	100

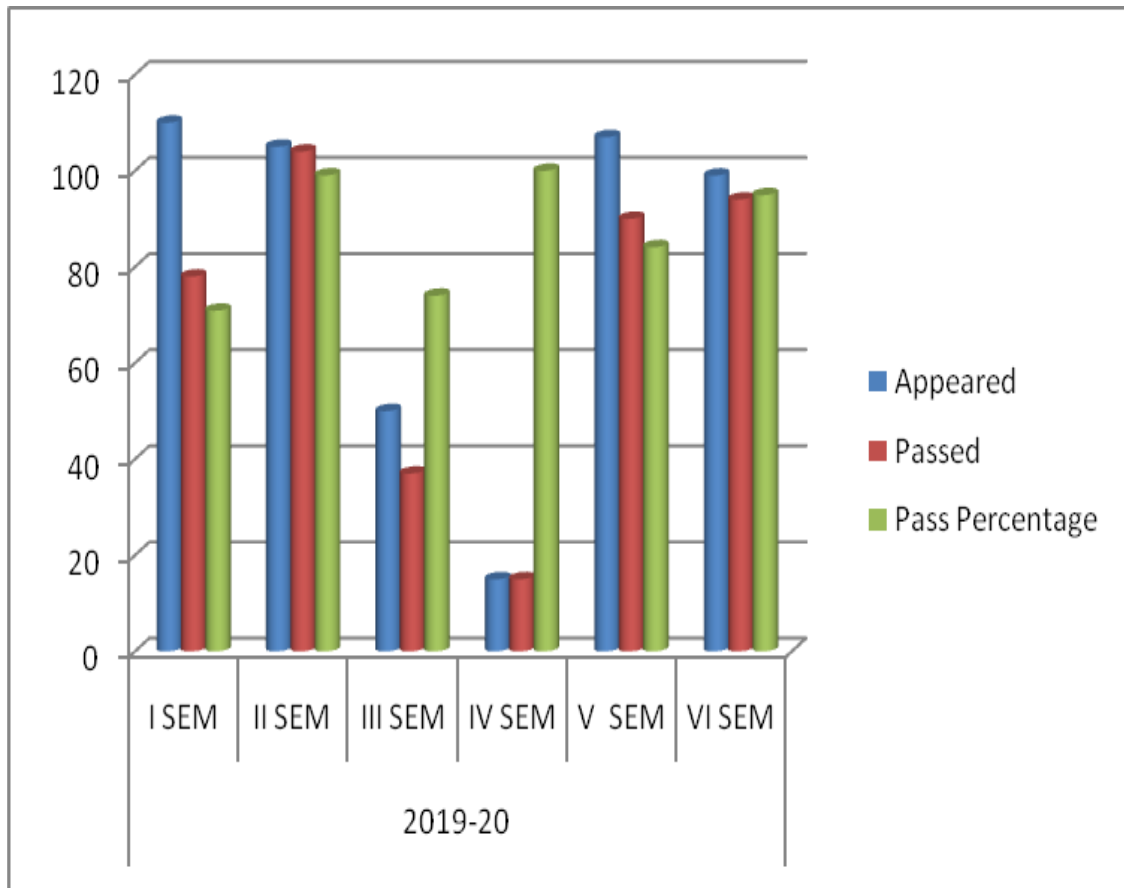
**Average Percentage of all six semesters - 80.87**



## Result Analysis: Academic Year 2019-20

Academic Year	Semester	Appeared	Passed	Pass Percentage
<b>2019-20</b>	I SEM	<b>110</b>	<b>78</b>	<b>70.90</b>
	II SEM	<b>105</b>	<b>104</b>	<b>99.04</b>
	III SEM	<b>50</b>	<b>37</b>	<b>74.00</b>
	IV SEM	<b>15</b>	<b>15</b>	<b>100</b>
	V SEM	<b>107</b>	<b>90</b>	<b>84.11</b>
	VI SEM	<b>99</b>	<b>94</b>	<b>94.94</b>

**Average Percentage of all six semesters - 87.16**

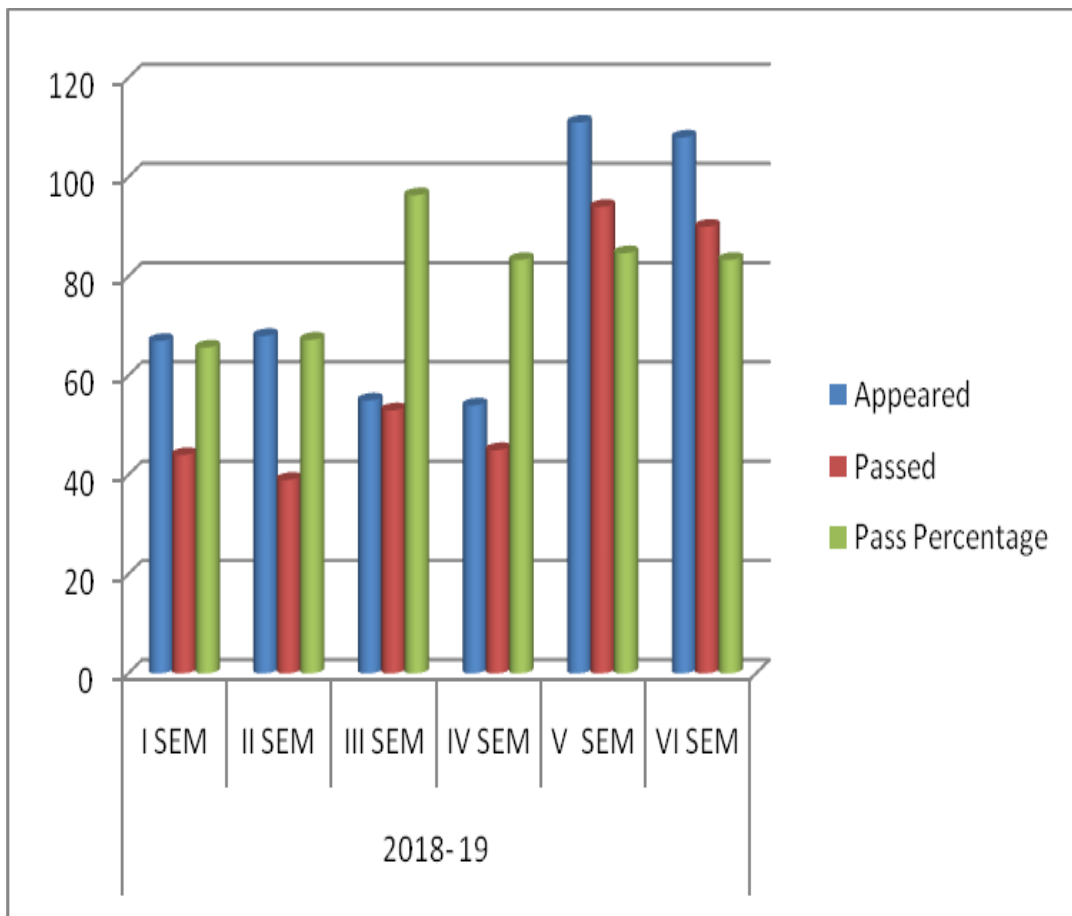




## Result Analysis: Academic Year 2018- 19

Academic Year	Semester	Appeared	Passed	Pass Percentage
<b>2018- 19</b>	I SEM	<b>67</b>	<b>44</b>	<b>65.67</b>
	II SEM	<b>68</b>	<b>39</b>	<b>67.24</b>
	III SEM	<b>55</b>	<b>53</b>	<b>96.36</b>
	IV SEM	<b>54</b>	<b>45</b>	<b>83.33</b>
	V SEM	<b>111</b>	<b>94</b>	<b>84.68</b>
	VI SEM	<b>108</b>	<b>90</b>	<b>83.33</b>

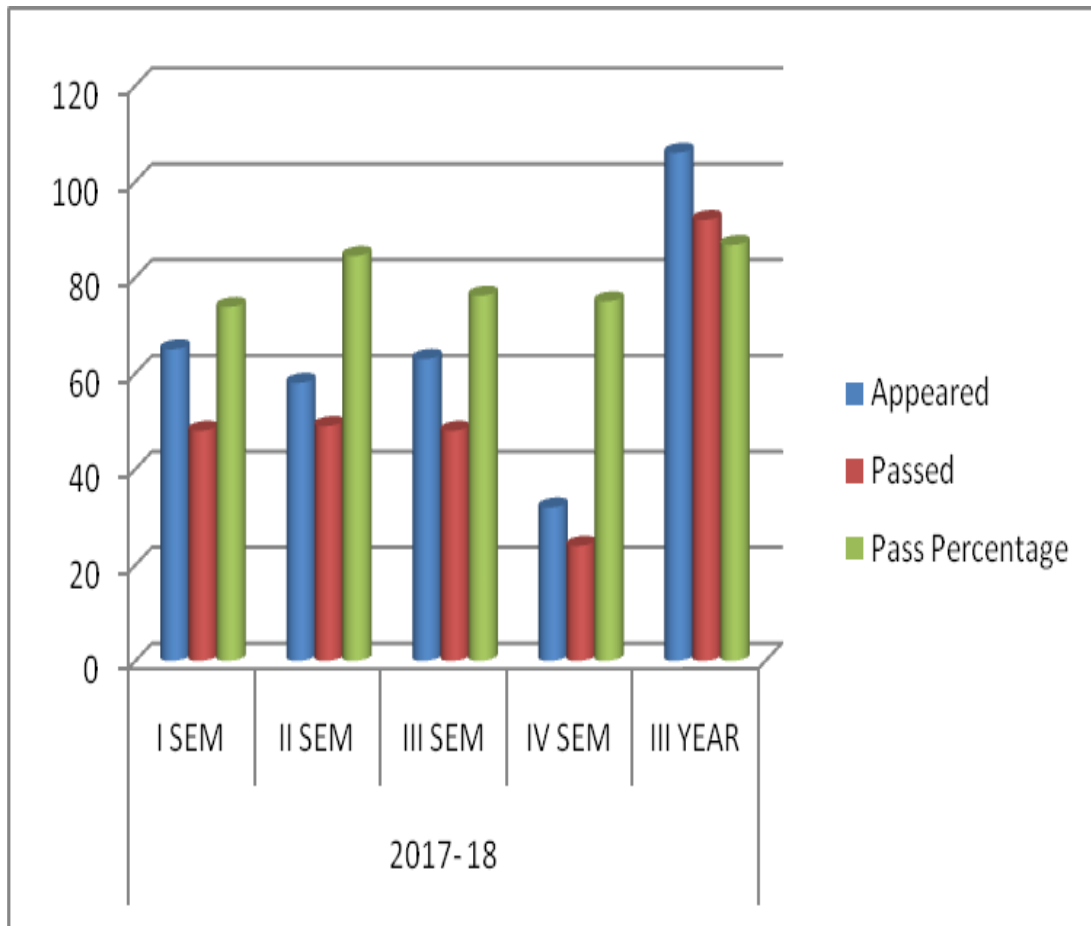
**Average Percentage of all six semesters -80.10**



### Result Analysis: Academic Year 2017- 18

Academic Year	Semester	Appeared	Passed	Pass Percentage
2017- 18	I SEM	65	48	73.84
	II SEM	58	49	84.48
	III SEM	63	48	76.19
	IV SEM	32	24	75
	III YEAR	106	92	86.79

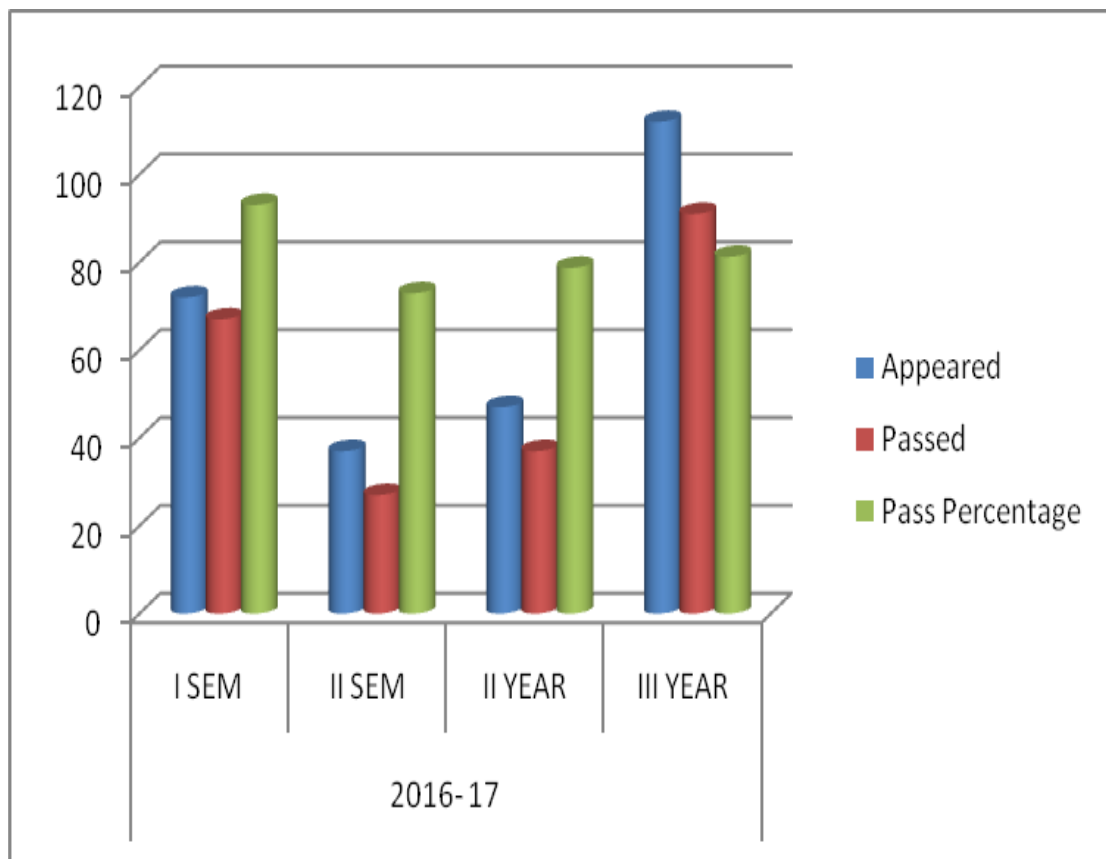
**Average Percentage of all six semesters -79.26**



### Result Analysis: Academic Year 2016- 17

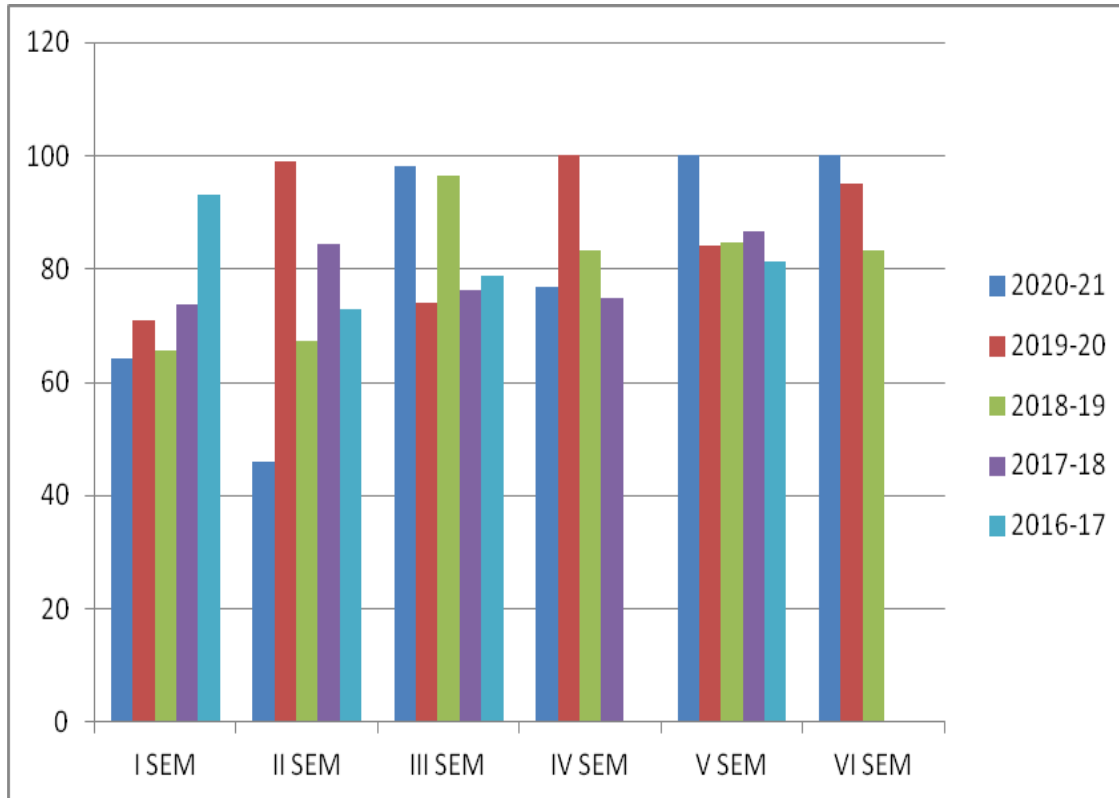
Academic Year	Semester	Appeared	Passed	Pass Percentage
2016- 17	I SEM	72	67	93.05
	II SEM	37	27	72.97
	II YEAR	47	37	78.72
	III YEAR	112	91	81.25

**Average Percentage of all six semesters -81.49**



**RESULT ANALYSIS OF COMPUTER SCIENCE**  
**& APPLICATIONS-2016-21**

	<b>2020-21</b>	<b>2019-20</b>	<b>2018-19</b>	<b>2017-18</b>	<b>2016-17</b>
<b>I SEM</b>	<b>64.1</b>	<b>70.9</b>	<b>65.67</b>	<b>73.84</b>	<b>93.05</b>
<b>II SEM</b>	<b>46.08</b>	<b>99.04</b>	<b>67.24</b>	<b>84.48</b>	<b>72.97</b>
<b>III SEM</b>	<b>98.13</b>	<b>74</b>	<b>96.36</b>	<b>76.19</b>	<b>78.7</b>
<b>IV SEM</b>	<b>76.92</b>	<b>100</b>	<b>83.33</b>	<b>75</b>	
<b>V SEM</b>	<b>100</b>	<b>84.11</b>	<b>84.68</b>	<b>86.76</b>	<b>81.25</b>
<b>VI SEM</b>	<b>100</b>	<b>94.94</b>	<b>83.33</b>		

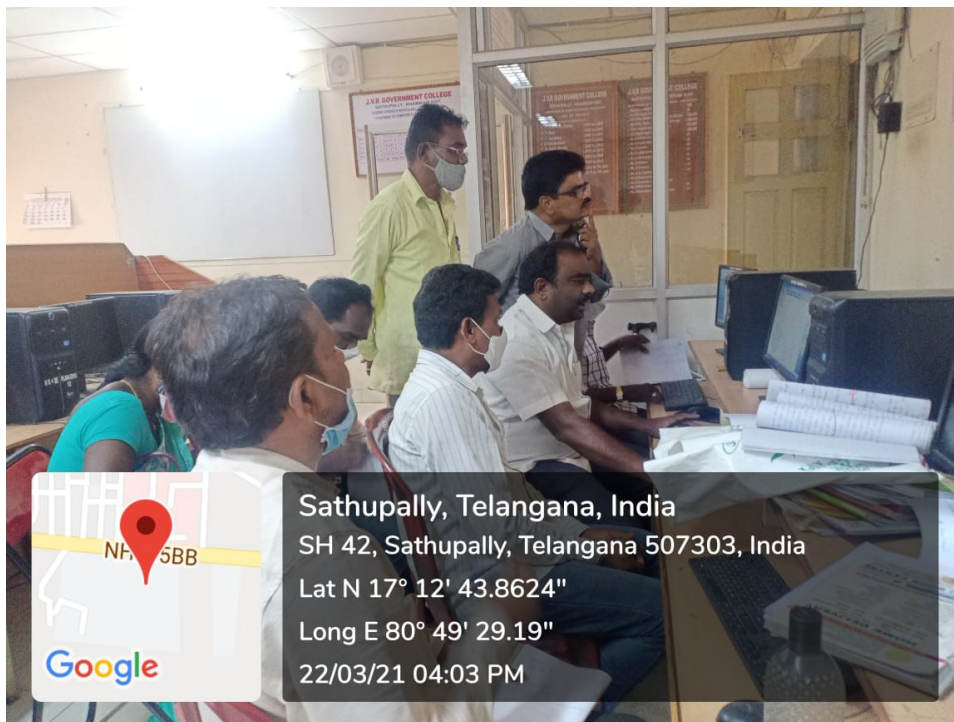


- **2017-18 FINAL YEAR NO SEMESTERS**
- **2016-17 SECOND & FINAL YEAR NO SEMESTERS**

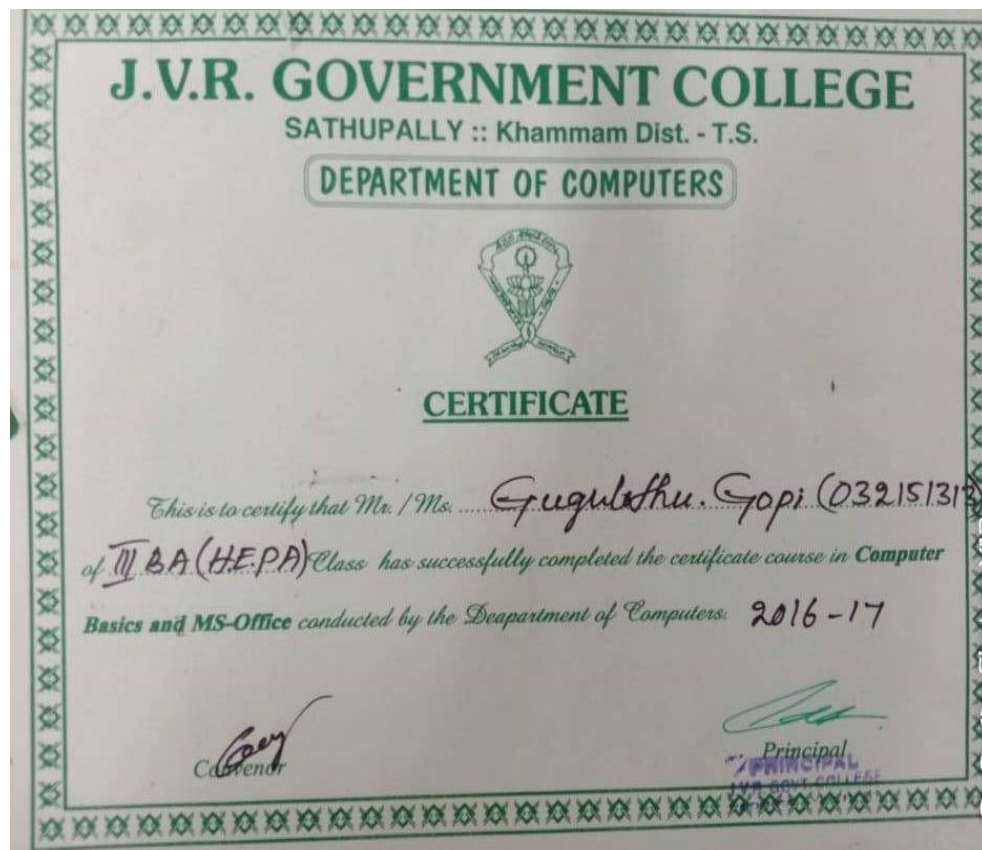
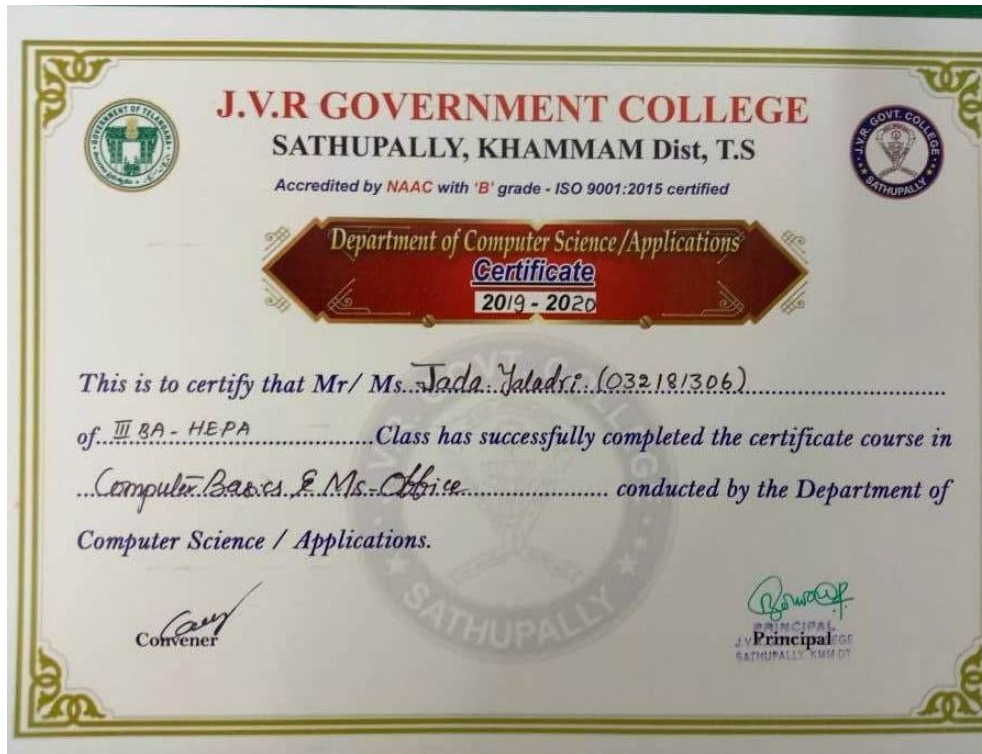
## CERTIFICATE COURSES

Sl. No	Academic year	Name of the Course	Duration	No. of Students/ staff attended	Syllabus
1	2020-21	Basic Computer Skills	30 days	14	<ul style="list-style-type: none"> <li>➤ Introduction to Computers</li> <li>➤ MS- Office</li> <li>➤ Internet concepts</li> </ul>
2	2019-20	Certificate course in computer Basics	60 days	25	<ul style="list-style-type: none"> <li>➤ Introduction to Computers.</li> <li>➤ MS- Office.</li> <li>➤ Internet concepts.</li> </ul>
3	2018-19	Certificate course in computer Basics	60 days	25	<ul style="list-style-type: none"> <li>➤ Introduction to Computers.</li> <li>➤ MS- Office.</li> <li>➤ Internet concepts.</li> </ul>
4	2018-19	ICT – TRAINING PROGRAM	60 days	27	<ul style="list-style-type: none"> <li>➤ Introduction to Computers .</li> <li>➤ MS- Office , Internet concepts.</li> <li>➤ OPERATING SYSTEM.</li> <li>➤ NETWORKING CONCEPTS.</li> </ul>
5	2017-18	Certificate course in computer Basics	60 days	30	<ul style="list-style-type: none"> <li>➤ Introduction to Computers .</li> <li>➤ MS- Office , Internet concepts.</li> <li>➤ NETWORKING CONCEPTS.</li> </ul>
6	2016-17	Certificate course in computer Basics	60 days	25	<ul style="list-style-type: none"> <li>➤ Introduction to Computers .</li> <li>➤ MS- Office .</li> <li>➤ Internet concepts.</li> <li>➤ NETWORKING CONCEPTS.</li> </ul>





## Certificate course certificates samples



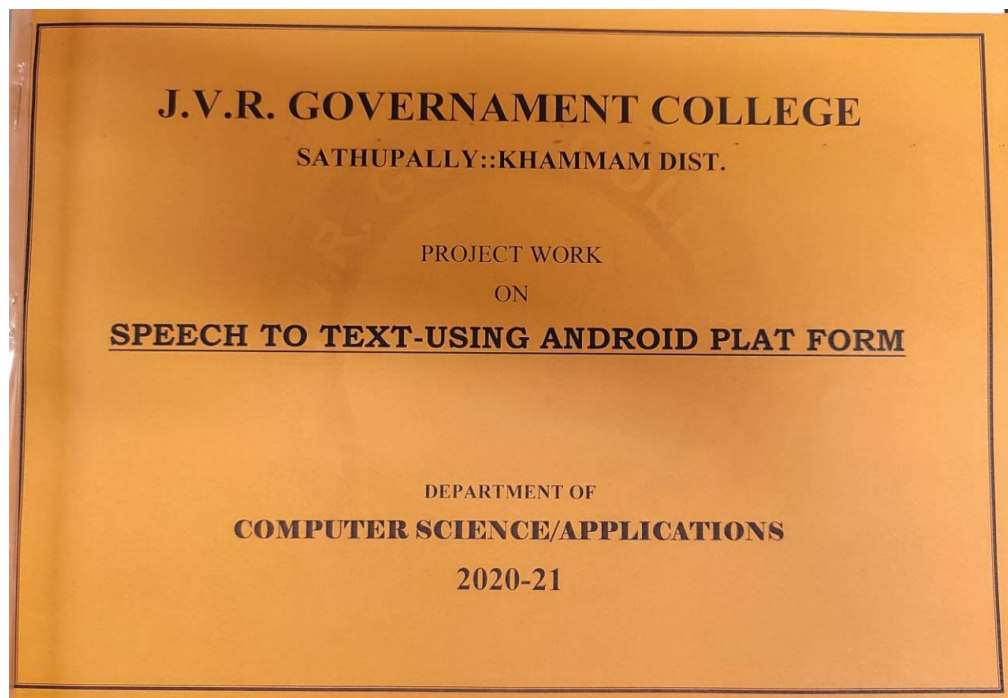
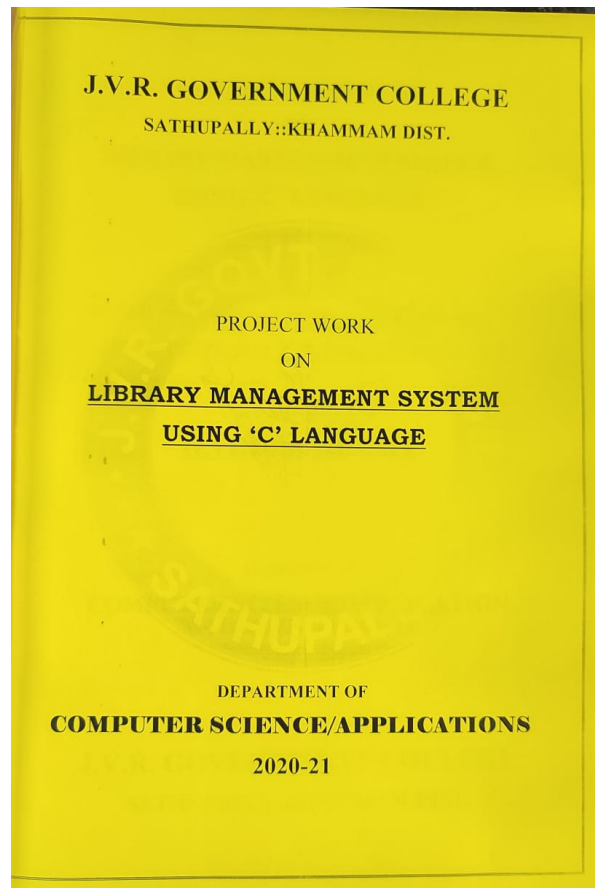


## STUDENT STUDY PROJETS

S.No	Academic year	Name of the Project	Ht.No	Name of the student	Group and Year
1	2020-21	LIBRARY MANAGEMENT SYSTEM USING C-LANGAUAGE	032214209 032214201 032214218 032214213 032214216	P.MYBOOVALI E. HARITHA V. RAMA KRISHNA S. RAKESH T. SANDEEP	I B.Sc- MPCs
2	2020-21	SPEECH TO TEXT-USING ANDROID PLAT FORM	032202208 032202240 032202202 032202017 032202010	CH.SRAVANI P.SINDHU M.SIVANAGALAXMI K.AKHILASOWMYA G.SAILAJA	II B.COM-CA
3	2019-20	ONLINE PAYMENT SYSTEM	032182201 032182203 032182207 032182209 032182211	B.MAHESWARI CH. SAIKUMARI J. CHAKRADHAR K. GOPALA KRISHNA K. AMULYA	III BCOM-CA
4	2019-20	DESIGN AND IMPLEMTATION OF SECURITY SYSTEM	032184101 032184105 032184107 032184109 032184103	B.MOUNIKA M. ASHOK P. HUSSAIN P. DHANUNJAY K. SRILAXMI	III B.Sc MPCs
5	2018-19	A PROJECT ON DIGITAL CALICULATOR	032171001 032171009 032171014 032171004 032171005	D. SANDHYA M.VENKANNA BABU P.SINDHU K.RAMESH K.VEERA RAGHAVA	III BA
6	2018-19	ONLINE VOTING SYSTEM	032174001 032174003 032174005 032174201 032174209	B.ASHOK KUMAR M.SATHYAVANI U.AJAY KUMAR B.PRAMEELA T.NAGAMANI	III B.Sc MPCs & MCCS
7	2017-18	A PROJECT WORK ON CALCULATOR	032164301 032164303 032164306 032164501 032164502	B SAROJA J.SHIVAJI V.MANGA B SARITHA D.KALPANADEVI	III B.Sc MPCs & MCCS

8	2017-18	E- COMMERCE	032162402 032162404 032162406 032162410 032162413	D.MANGA RAJU K.AMAR K.RAMYA M.NARASIMHA RAO P.ANUSHA	III B.COM – CA
9	2016-17	A PROJECT WORK ON LIC DATABASE MANAGEMENT	032154201 032154204 032154205 032154208 032154209 032154212	B.NAGAMANI K.SIRISHA K.SARITHA P.SHIVAIAH P.RAMESH V.CHENNKESAVULU	III B.Sc MPCs
10	2016-17	IMPLEMENTATA ION OF MARKETING SYSTEM	032154205 032154203 032154210 032154002 032154006	K. SARITHA B.NAGARAJU T.LAXMI DEVI CH.JYOTHI V.VAMSI	III B.SC MPCS & MCCS
11	2016-17	A PROJECT ON BUS RESERVATION SYSTEM	032152201 032152203 032152205 032152208 032152213 032152232	A.RAJESWARI B.NAVEEN KUMAR CH.RAVI E.GOPAIAH SWAMY G.RAJESH T.SRAVANI	III B.COM – CA

Student study projects Sample images

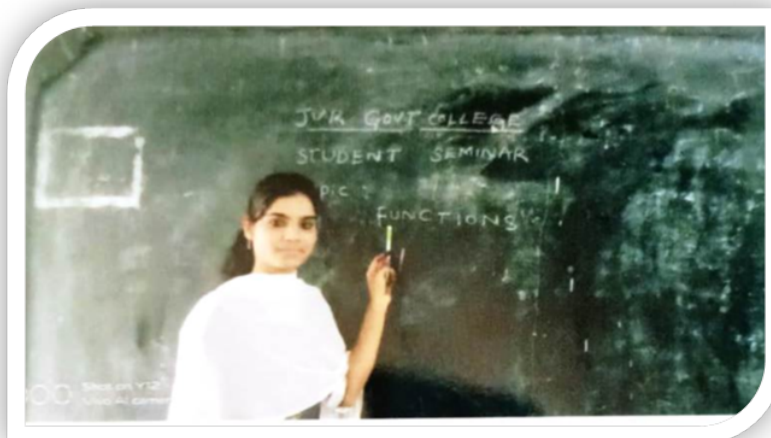
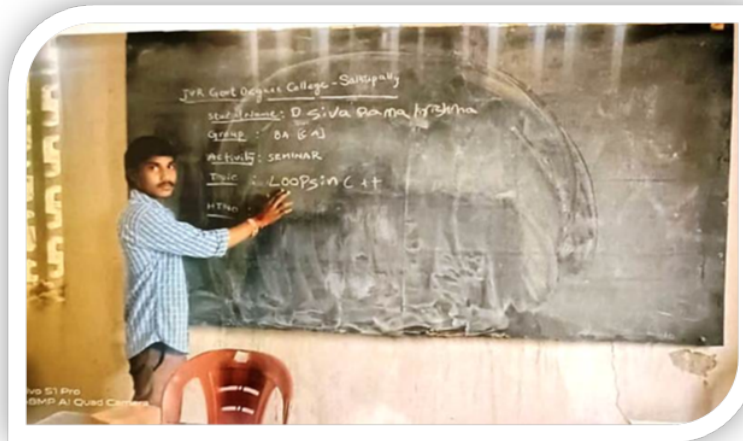


## STUDENT SEMINARS

### ACADEMIC YEAR 2016-17 to 2021-22

S.NO	ACADEMIC YEAR	NUMBER OF SEMINARS
1	2021-22	12
2	2020-21	25(online)
3	2019-20	14
4	2018-19	31
5	2017-18	21
6	2016-17	26

Sample photo of seminars

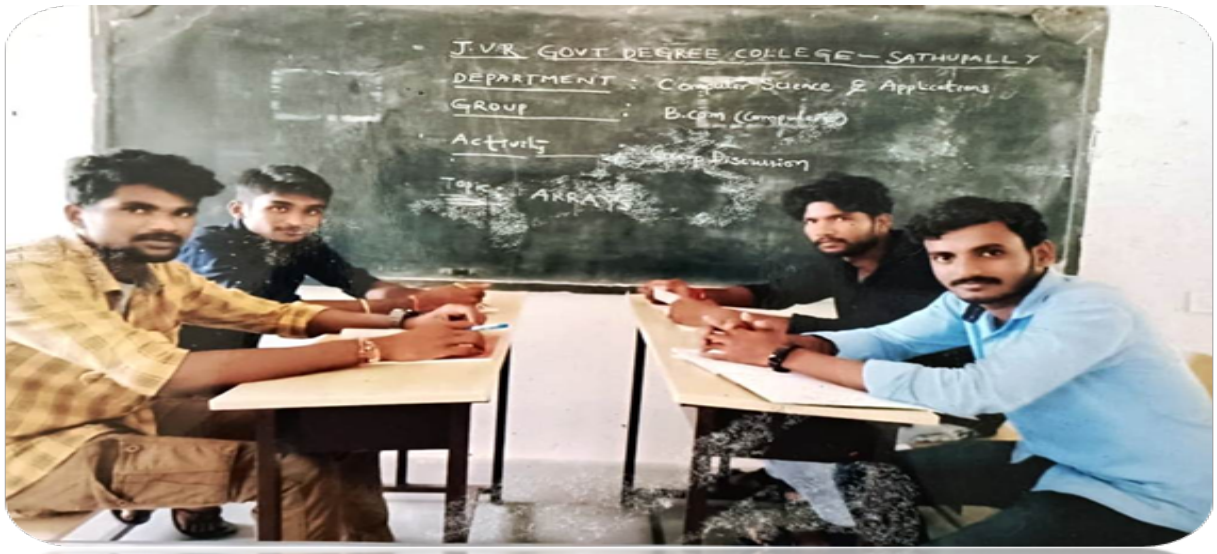


## GROUP DISCUSSION

### ACADEMIC YEAR 2016-17 to 2021-22

S.NO	ACADEMIC YEAR	NUMBER OF GROUP DISCUSSIONS
1	2021-22	2
2	2020-21	3
3	2019-20	6
4	2018-19	1
5	2017-18	1
6	2016-17	1

#### Sample photo of group discussions



Group discussion activity is conducted to BCOM (CA)-III YEAR students on the topic of "covid -19 impact on global Economy". Students were actively participated and delivered their views on the concept.



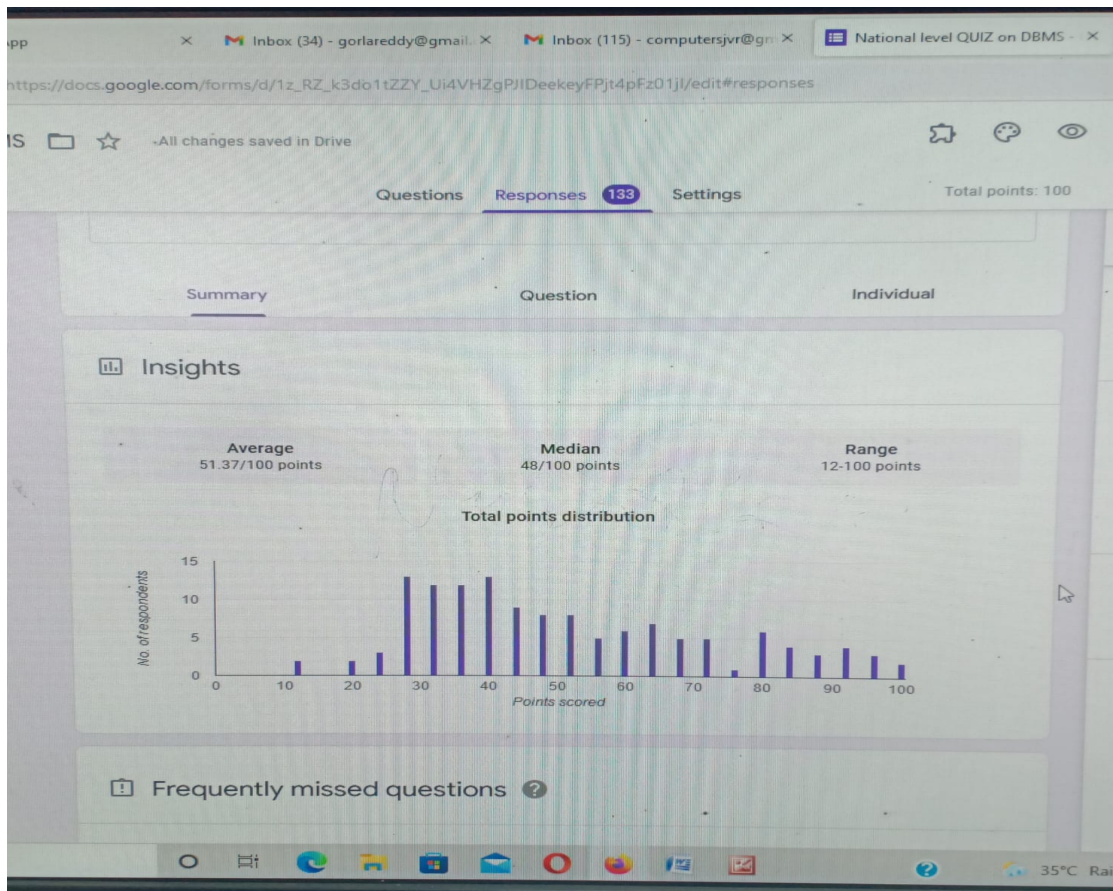
## QUIZ ACADEMIC YEAR 2016-17 to 2021-22

S.NO	ACADEMIC YEAR	NUMBER OF QUIZ
1	2021-22	3
2	2020-21	3(Online)
3	2019-20	8
4	2018-19	3
5	2017-18	3
6	2016-17	3

Sample photo of Quiz



National level online QUIZ on DBMS conducted on 05-07-2020 to 10-07-2020, 133 faculty and students responded.



[https://docs.google.com/spreadsheets/d/190M1q0uTMfc\\_brlI3pYTCYK9q71znfiUshv3eE9imw8/edit?usp=sharing](https://docs.google.com/spreadsheets/d/190M1q0uTMfc_brlI3pYTCYK9q71znfiUshv3eE9imw8/edit?usp=sharing)

## ONLINE QUIZ ON JAVA SCRIPT

Department of Computer Science & Applications has conducted quiz for B.Sc year III semester students on "JAVA SCRIPT. In this QUIZ, 21 students are actively participated.

<https://docs.google.com/forms/d/1GwHfrBznEBMCdirwkO26iYOKIyMV-6H2UxyvyOIZfxY/edit#responses>



**DETAILS OF EXTENSION LECTURE /GUEST LECTURE****ACADEMIC YEAR 2016-17 to 2021-22**

<b>S.NO</b>	<b>ACADEMIC YEAR</b>	<b>NUMBER OF EXTENSION LECTURES</b>
1	2021-22	2
2	2020-21	...
3	2019-20	2
4	2018-19	2
5	2017-18	2
6	2016-17	2

A Guest Lecture on "Networks" by M. Srinivasa Rao , Lecturer in computer science, SR & BGNR Govt. College, Khammam for BSC (MPCs, MCCs ) students. Number of students benefited is 22 on 20- 04-2022.



A Guest Lecture on "Networks" by Y.Rama Krishna, Lecturer in computer science, MotherTerisa Institute of Science and Technology, Sathupally for BSC (MPCs, MCCs and B.Com - CA) students. Number of students benefited is 65 on 26-02-2020.





A Guest Lecture on "Database Management System " by K. Bhaskar , Lecturer in computer science, Kakatiya Degree & PG College, Sathupally for BSC (MPCs, MCCs and B.Com - CA) students. Number of students benefited is 35 on



14-09-2019.



## INFRASTRUCTURE & LEARNING RESOURCES

The Department comprises of 1 Computer Laboratories with 42 systems, state of the art computing facilities with sufficient power supply backup, the furnished computer labs which facilitates the students to have their active participation and concentration. We have Wifi connectivity in our computer lab to facilitate the students in doing their lab exercises.

The Department of Computer Science and Applications takes care of Software & Hardware requirements of the entire college.

LAB	Image
Intel Core i3 Processor-3 <sup>rd</sup> Generation 4 GB RAM 500 GB Hard disk	
Intel Core i5 Processor-6 <sup>th</sup> Generation 4 GB RAM 500 GB Hard disk	

## DEPARTMENT LIBRARY:

Department of computer science & applications has a library with 31 number of academic books and they are readily available for faculty & students in the department.

List of books available in depart library:

<b>SNO</b>	<b>Name of the book</b>	<b>No. of books</b>
1	Microsoft Office	2
2	Programming In 'C'	2
3	Information Technology	3
4	Computer Architecture	2
5	Computers Fundamentals	2
6	Visual Basics	2
7	Web Technology	3
8	Internet & WWW	3
9	Data Base	2
10	Data Base Management System	3
11	SQL,PL/SQL	3
12	E-Commerce	4
13	Programming With JAVA	2
14	Let Us C	2
15	Html	2
16	Computer Dictionary	2
17	The Complete Reference Of C++	2
18	Fundamentals Of The Internet	2
19	Using Java	2
20	Windows 2000 Programming	2
21	Programming With C	2



Sample image of Library

## SEMINARS/WORKSHOP/FDP/CONFERENCE/WEBINAR/

### QUIZ

The institution is encourage the faculty to participate national Seminars, Faculty Development Programs, Webinars

4:26 4G LTE 55

Close Participants (492)

Search

GV	G Veera Reddy (me)		>
FP	fdpgdc parkal (host)		>
VM	vaddepally Markandeya		>
	Ajay Kumar Siddamshetti		>
DC	DT Chary (co-host)		>
	Government Degree... (co-host)		>
P	purushotham (co-host)		>
AK	Anil kumar Anumasu (co-host)		>
DL	Dr. L. Indira Devi (co-host)		>
	M Chandrashekhar (co-host)		>
AA	A anasurya		>

Invite

Navigation icons: back, home, recent apps, forward

S.No	Name of the Seminar/FDP	Organized by	Name of the Faculty	Year
1	NATIONAL LEVEL QUIZ ON "SIXTH INTERNATIONAL YOGA DAY"	DEPARTMENT OF TELUGU, GOVT.DEGREE COLLEGE,SRISAILAM PROJECT,KURNOOL	G.VEERA REDDY	2020-21
2	TWO WEEKS NATIONAL LEVEL ONLINE FDP ON"HURDLES AND SOLUTIONS IN RESEARCH AVENUES"	TARA GOVERNMENT COLLEGE,SANGAREDDY	G.VEERA REDDY	2020-21
3	NATIONAL LEVEL WEBINAR ON "ROLE OF PUBLIC INSTITUTIONS IN COMBATING COVID19:A SOCIA; JUSTICE PERSPECTIVE"	FACULTY OF SOCIAL SCINECES,B.J.R.GOV.T.DEGREE COLLEGE,NARAYANAGUDA	G.VEERA REDDY	2020-21
4	ONE DAY WEBINAR IN"ICT TOOLS"	DEPARTMENT OF COMPUTER SCIENCE IN ASSOCIATION WITH IQAC	G.VEERA REDDY	2020-21
5	ONLINE QUIZ ON"JAVA PROGRAMMING"	DEPARTMENT OF COMPUTER ENGINEERING,PANIMALAR POLYTECHNIC COLLEGE	G.VEERA REDDY	2020-21
6	A NATIONAL LEVEL QUIZ ON"C++ PROGRAMMING LANGUAGE"	DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS,TARA GOVERNMENT COLLEGE,SANGAREDDY	G.VEERA REDDY	2020-21
7	TWO WEEKS NATIONAL LEVEL ONLINE FDP ON"SKILL DEVELOPMEMNT AND COMPETENCY ENHANCEMENT FOR COLLEGE TEACHERS"	GOVT.DEGREE COLLEGE PARAKAL	G.VEERA REDDY	2020-21
8	ONE WEEK NATIONAL LEVEL ONLINE FDP ON"DIGITAL TEACHING TOOLS"	IQAC CELL & DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS,GOVERNMENT CITY COLLEGE(A),HYDERABAD	G.VEERA REDDY	2020-21
9	THREE DAYS FDP ON "IMAGE PROCESSING SEGMENTATION AND NEURAL NETWORK,HEALTH AWARENESS,DESIGN THINKING FOR INNOVATION"	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ,MATOSHRI PRATISHTHAN GROUP OF INSTITUTIONS SCHOOL AND ENGINEERING,NANDED	G.VEERA REDDY	2020-21
10	NATIONAL LEVEL e-POSTER COMPETITION	J.V.R.GOVERNMENT COLLEGE SATHUPALLY	G.VEERA REDDY	2020-21
11	ETL TRANSFORMATIONS USING TALEND OPEN STUDIO	TECH MAHINDRA	G.VEERA REDDY	2019-20
12	NATIONAL WORK SHOP ON MATHEMATICAL APPLICATIONS IN OTHER SCIENCES	GOVT.DEGREE COLLEGE TIRUVURU	G.VEERA REDDY	2019-20
13	NATIONAL WORK SHOP ON MATHEMATICAL APPLICATIONS IN OTHER SCIENCES	GOVT.DEGREE COLLEGE TIRUVURU	D.BHAVANI DURGA	2019-20



## E-wastage

As per the guidelines of the commissioner of collegiate education college level Committee identified list of items to be condemned and same sent to ID College Principal for ratification & submitted list to CCE on 22/2/2018 to accord permission for condemnation through proper channel.

### LIST OF OLD AND OUTDATED ARTICALS (e- waste)

S.NO	Name of the Article	Quantity	Manufacturer	Configuration	Date of Purchase	Unit Price
1	2	3	4	5	6	7
01	Computer	02		PCXT	16-02-1994	
02	Computer	03	ACS Technologies	Celron @ 366 MHZ 4.3 GB Hard disk, 32mb ram,14" Monitor	01-10-1999	29550/-
03	Computer	09	ACS Technologies	Celron @ 366 MHZ 4.3 GB Hard disk, 32mb ram, 14"Monitor	16-12-1999	29550/-
04	Computer	03	ACS Technologies	Intel Celeron @433MHZ4.3 GB Hard disk, 32mb ram, 14" Monitor	29-03-2000	30300/-
05	Computer	03	Wipro Ltd	Wipro genius Intel Celeron 2 GB Hard disk, 32mb ram, 14" Monitor	15-12-1998	34033/-
06	Computer	12	Wipro Ltd.	WiproIntel Celeron @700 MHZ 10GB Hard disk, 64mb ram, ( 14" Monitors 12 working )	26-12-2000	37500/-
07	Computer	02	Wipro Ltd.	Wipro 700 MH12 GB Hard disk, 32mb ram, (15" monitor Working)	26-02-2001	43795/-
08	Computer	01	Wipro Ltd.	Wipro Super Genius Celeron-9100 MH, 10 GB Hard disk, 64mb ram,-14" Monitor	30-12-2001	45340/-
09	Computer	01	Wipro Ltd.	Desktop P-IV @ 1.7 HZ40 GB Hard disk, 256mb ram, 17" Monitor	15-03-2003	43000/-

10	Computer	14	Wipro Ltd.	Celeron @ 1.7 GHZ / 128 KB 40 GB Hard disk, 128mb ram, P4- 1.7MHz, (14" Monitors 10 working )	15-03-2003	30000/-
11	Printer	01	TVS	TVS MSP 246 132 Column Dot Matrix	29-09-1999	10750/-
12	Printer	02	TVS	TVS MSP 245 132 Column Dot Matrix	16-12-1999	10750/-
13	Printer	01	Wipro	Wipro EX- 200 DX 136 Coolum dot matrix	26-02-2001	12300/-
14	Printer	01	HP LASERJET	LASERJET 1000	15-03-2003	13000/-
15	AC	01	Aditya	1.5 Town	16-02-1994	19137/-
16	AC	01	LG	1.5 Town	1998	45000/-
17	UPS	03	SCAN POWER SYSTEMS	500 VA voltage stabilizer	2000	5000/-

Link to:

<https://ccets.cgg.gov.in/Uploads/files/buttonDetails/59751.pdf>

## **STUDENTS SUPPORT**

### **Mentor- Mentee**

1. G. Veera Reddy, Lect. in CS & CA:-

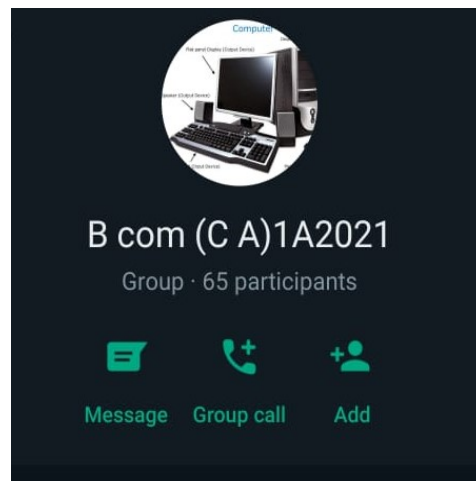
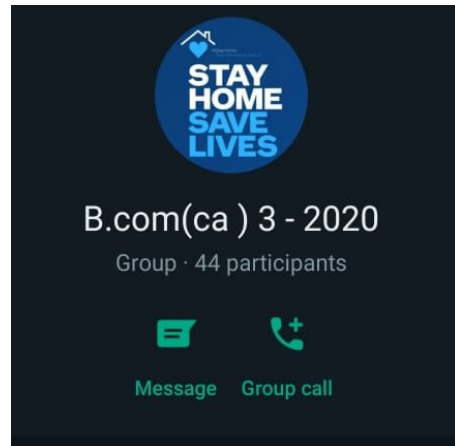
As per the college instructions, I am allotted as mentor for I YEAR B.Com-Computer Applications.

2. M.Vijay Rama Krishna. Lect. in CS & CA:-

As per the college instructions, I am allotted as mentor for I YEAR B.Com- Computer Applications.

## STUDENT SUPPORT

### Class wise official what's App Groups:



## GOVERNANCE LEADERSHIP AND MANAGEMENT

### **DEPARTMENT MEETINGS:**

At the department level, department faculty members meet every month on a convenient date to discuss academic matters like distribution of syllabus, among the faculty, review of coverage of syllabus, result analysis and course outcomes, activities to be conducted in the department, important days to celebrate, ICT, NAAC records etc.

### **STAFF COUNCIL:**

At the college level, staff council is the apex body of the college in which important decisions related to the academic or non academic matters are made & executed. Head of every department is a member of this body. Computer science & application Head of the department actively participating in these meetings.

## BEST PRACTICES

### 1. Title of the Practice:

## COMPUTER BRACE

### 2. Objective of the Practice

Computer hardware are carefully selected to meet the evolving needs of the organization and its supporting information systems to Identify and discuss the role of the essential hardware components of a computer system and Operating System, Application software are critical in helping individuals and organizations achieve their goals .

Every department has a system and printer with internet facility, all staff members are using systems and they are facing some hardware and software problems, the computer department helps to clear the problems without any charge.

### 3. The Context

Our department is extending the hardware and software service to the other partments in the college , like any software usage, bugs and hardware problems .

### 4. The Practice

Our department has trained the students for hardware (like power supply, plugging, RAM,etc.), software (installation of drivers , virus clean , temp files, etc.) if any department has a problem, first hardware trained students visit and solve the problems, if the problem is not solved then department faculty members try to solve the problems, if problem is still not solved then only outsourcing hardware engineer comes to our help.

### **Some of the problems solved by the department**

#### **a) General slowdown**

One of the most common problems users have with their computer is that it is "running slow."

Solution :Nine times out of ten, the main reason for general PC slowdown is improper distribution of hardware resources. What this means is that specific programs or processes are using too much of your RAM, hard drive, or CPU.

**b) PC will not turn on :**

Solution: Pressing the power button on your computer and having nothing happen can feel like the end of the world. Luckily, power issues do not necessarily mean the entire PC is broken or that data has been lost. Both desktops and laptops can refuse to turn on for a number of reasons. Sometimes it can even be just a peripheral such as an external monitor that is having problems and stopping the PC from turning on entirely.

**c) Peripherals not working:**

Sometimes the most knowing problems are peripherals you are trying to use with the machine, keyboards and mouse

Solution: The first thing to check when an external device is not working is its connection to the computer. Cables can easily break, or ports can be obstructed. Before getting into any more serious solutions, it is always best practice to try using different cables or connections on your machine to see if a device will begin working again.

**d) Audio issues**

Virtual meetings have become standard these days, and so have a host of audio issues that can make using your PC unbearable. Microphones get accidentally muted, or audio sources can switch within different programs.

Solution: Most keyboards, headsets, or microphones come with a dedicated mute button. When dealing with sound issues, it is always best practice to check these functions and buttons first. Accidental button or key presses can sometimes mute audio sources in programs or your entire PC audio.

**5. Evidence of Success**

The department of computers solves many complaints in various departments without any charge , if any department has a hardware, software problem first they make a complaint on Computer Brace Book , within 3 working days we solve the problem , if the problem is not solved then only outsourcing software engineer will solve with charge.

## 6. Problems Encountered and Resources

Problem	SOFTWARE	HARDWARE
Computer is slow	Could be malware, too many start-up items (Windows) or build up of temporary files	Could be hard drive is fragmented or starting to fail, not enough RAM or an old CPU
Computer keeps restarting	Could be automatic OS update problem, adware, virus or other malware	Could be graphics card, motherboard or network card drivers
Keyboard, mouse, printer or other peripherals aren't working properly	Could be driver issues	Could be computer port issues or peripheral component issues
Peripheral commands interpreted incorrectly	✓	
App command not working	Software if it's happening in only one app	Hardware if it's happening in more than one app
Internet is slow	Could be an app in background is consuming the bandwidth	Could be hard disk failing
Downloads take forever		✓
Computer freezes	✓	
Attachments won't open	✓	
PC blue screen of death		✓ (although it could be your drivers)
Pop-up ads	✓	
Corrupt files or long delays accessing files		✓
Google performing oddly	✓	
Sudden shut off...or sudden anything weird		✓
Graphical errors like your computer screen is jumbled		✓
Unusual noises		✓



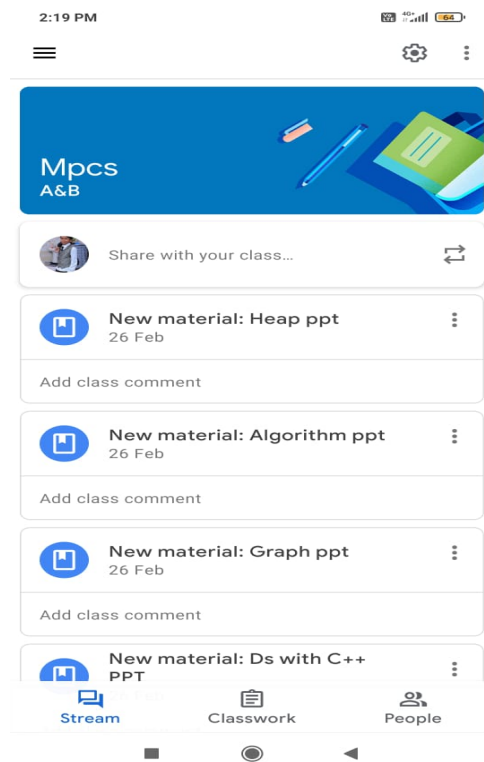
Sample images



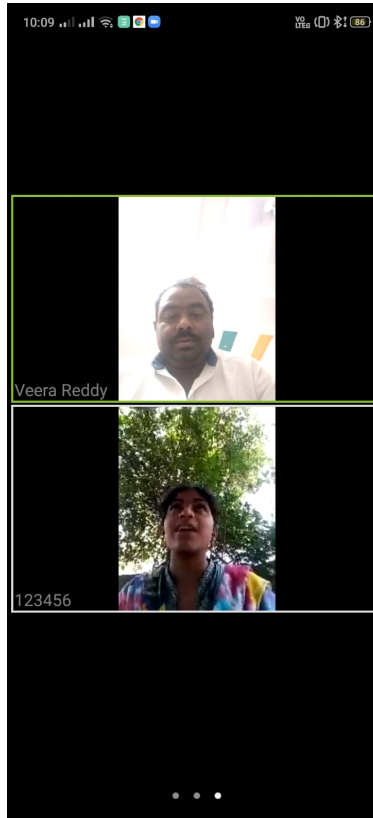
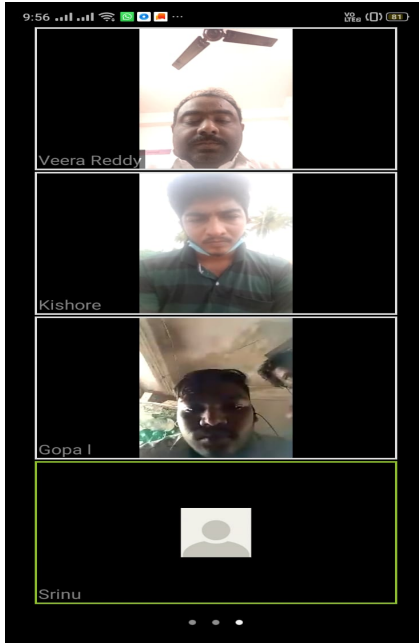
## ICT INFORMATION

Department of computer science continuously adopt new technological skills and execute them for better teaching. In covid pandemic situation department used many online teaching tools to teach students in lockdown. Faculty members created Google classrooms, which is the best platform for communication (like assignments, sharing material & notes, PPTs, assessments etc). Faculty members use power point presentations for online teaching. Faculty also search useful topics in YouTube and share their link to students for understand the subject in better way.

### Details of Google classrooms:

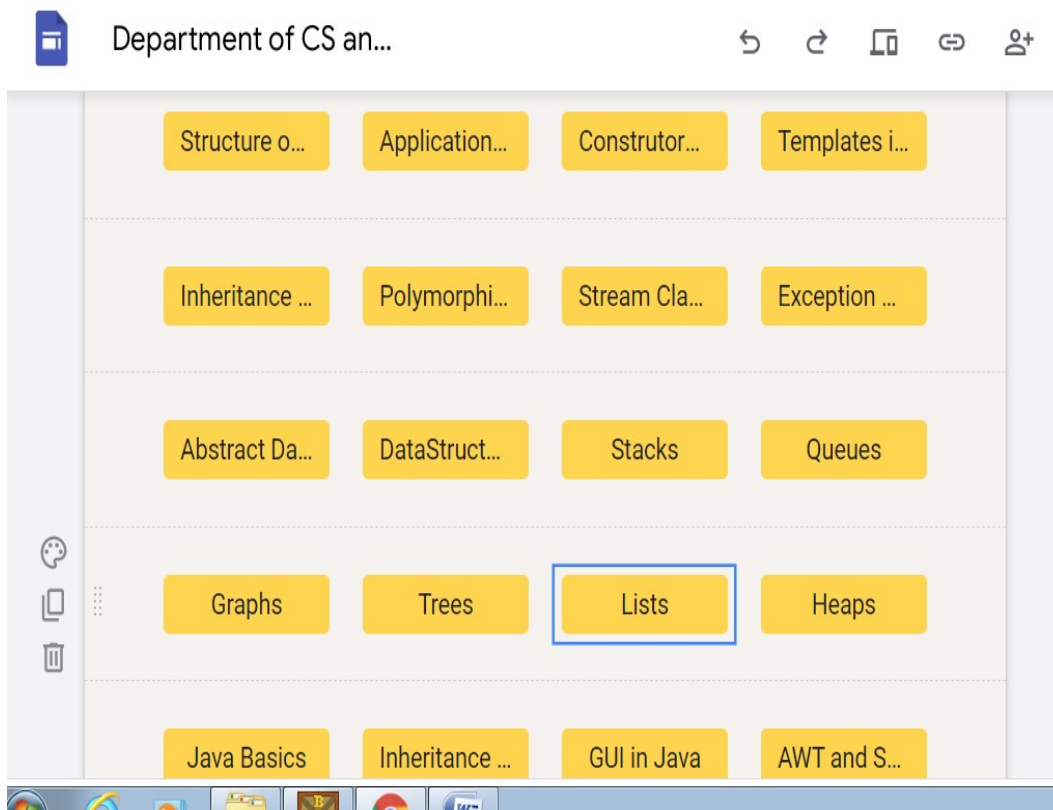
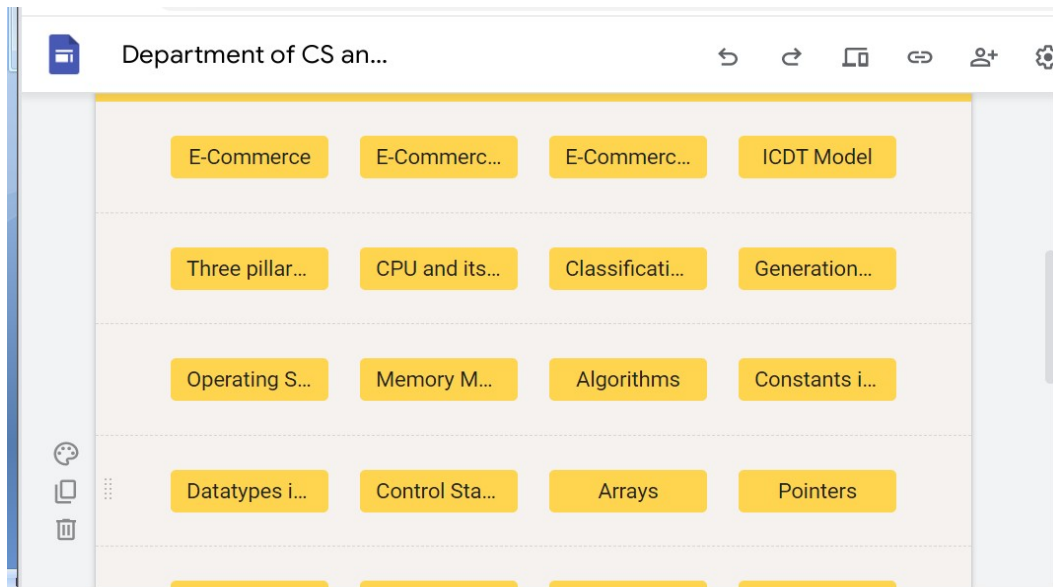


**DETAILS OF ZOOM, GOOGLE MEET & FREE CONFERENCE CALL APP LINKS:**



**List of PPTs PREPARED BY COMPUTER SCIENCE & APPLICATION FACULTY:**

<b>S.NO.</b>	<b>Topic</b>	<b>No. of PPT's</b>
1	Computer Networks	2
2	Database Management System	2
3	Multimedia	1
4	Programming in CPP With Data structures	1
5	Programming in c	2
6	Operating system	2
7	It & Fundamentals Of Information Technology	2
8	Web Technology	1
9	Programming With C & C++	2
10	Programming With Java	2
11	Visuval Basic	1
12	OOP WITH C++	2
13	E-COMMERCE	3

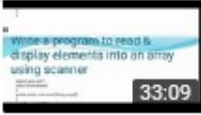
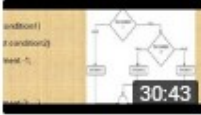





**DETAIL OF PPTS:**















## JVR GC ABHYASA:

All the department YouTube video Class available in the links:

<https://gdcts.cgg.gov.in/OtherPages.edu?page=getButtonDetails&centrelid=41&id=14965>

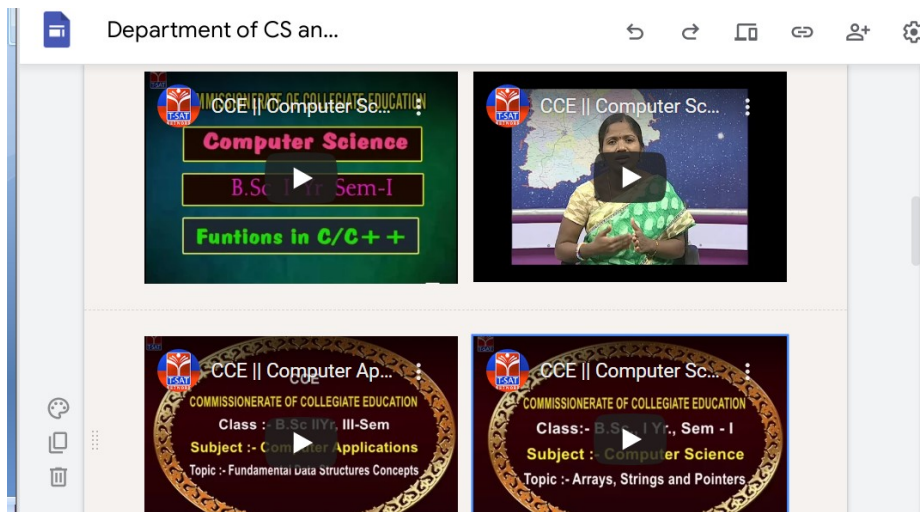
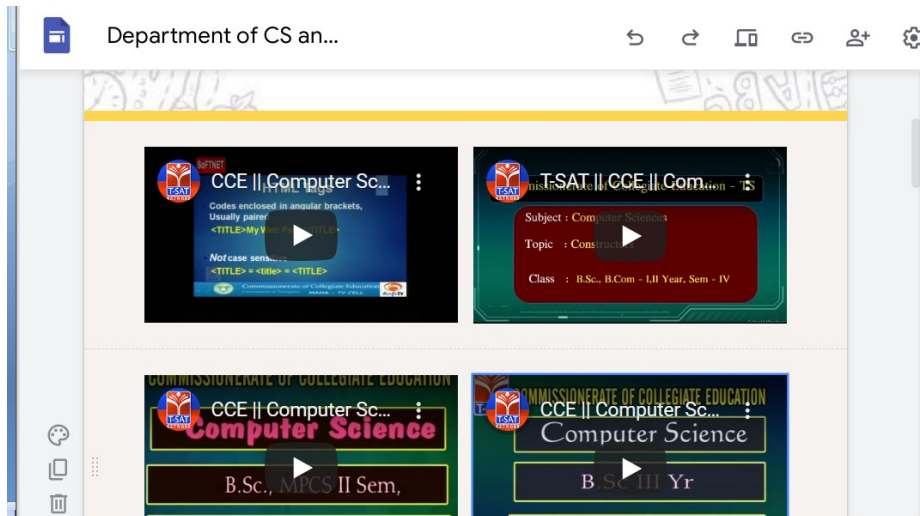
Sample video Images:

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<input type="checkbox"/>	 <p>introduction in C Add description</p>	<input checked="" type="radio"/> Public

Videos		Live
Filter		
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<input type="checkbox"/>	 <p>dbms-introduction g v reddy 45:18</p>	 Public
<input type="checkbox"/>	 <p>HTML4 g v reddy 38:46</p>	 Public
<input type="checkbox"/>	 <p>HTML3 g v reddy 40:11</p>	 Public
<input type="checkbox"/>	 <p>HTML2 g v reddy 44:12</p>	 Public
<input type="checkbox"/>	 <p>HTML1 g v reddy 40:48</p>	 Public
<input type="checkbox"/>	 <p>Computer Network by G Veera Reddy Add description 32:57</p>	 Public

## DETAILS OF T-SAT VIDEOS:

All the links are available in department Google site.





## Photo Gallery

### COLLEGE CAMPANION AT TV PROGRAM



### TEACHERS DAY CELEBRATION



## FALICITATION PROGRAM



## NSS WINTER CAMP





**BATHUKAMMA CELEBRATIONS AT COLLEGE**





## HARITHA HARAM AT COLLEGE





**ADMISSION CAMPAIGN AT JUNIOR COLLEGE**



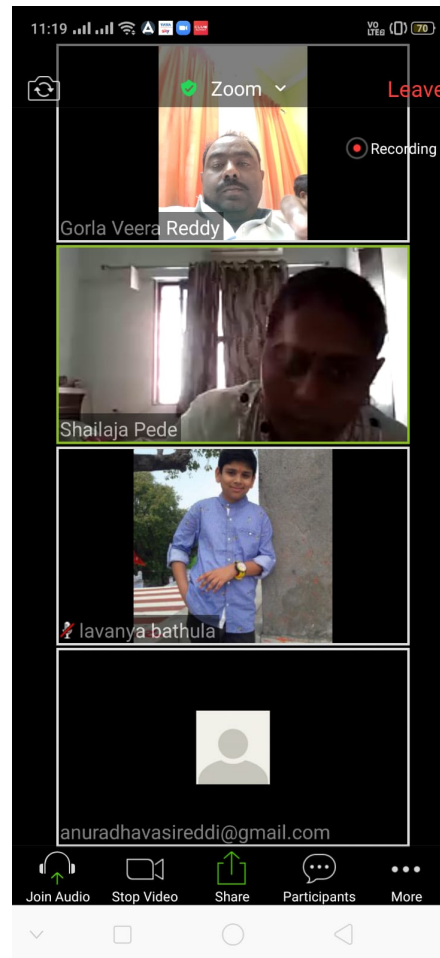
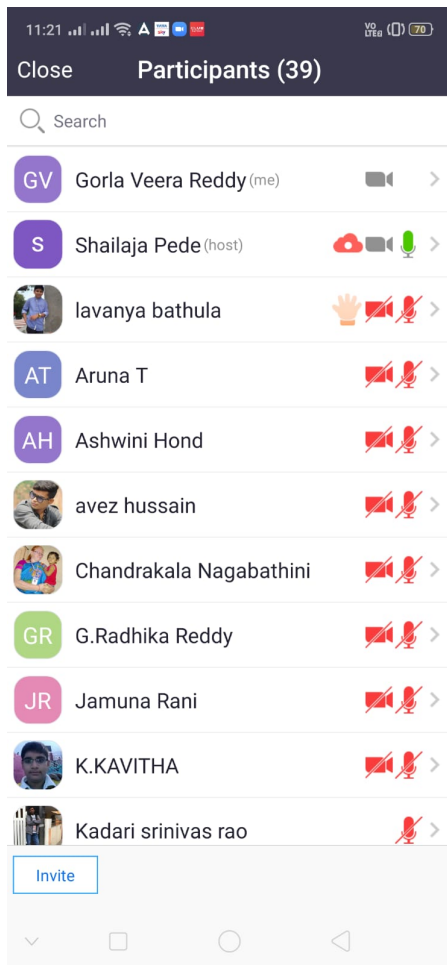
## NCC CADIDATE-UNIFORM DISTRIBUTION PROGRAM



## NSS VALIDITORI AT KAKARLAPALLY



## PARTICIPATED ONLINE FDP'S





## LUNCH & STUDY PROGRAM AT COLLGE

Chief Guest : Sandra Venkata Veeraiah, MLA, Sathupally Conistency





## PLANTATION AT BOTANICAL GARDAN



## ICT CLASS TO THE STUDENTS





### AAJADI KI AMRUTHOTHAVAM PROGRAMM



## REMEDIAL CLASSES

Dept every year conducts remedial coaching for students who failed in semester examinations of I, II, III, IV & V computer science subjects have classes in even a semester of every academic year.

## ACTION PLAN 2022-2026

- The department would like to organize a national level seminar during next two years.
- E-Literacy, the department would like to educate all the students of the college using basic computer skills, writing emails and usage of apps related to education.
- Department would like to offer long term free MSc- Computer Science, MCA entrance coaching for final year students.

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