DEPARTMENT OF COMPUTER SCIENCE
PROFILE : 2018-2023
PVKN GOVT. DEGREE COLLEGE(A)
CHITTOOR

1.BASIC INFORMATION

Vision of the Department : "Collab digital enviro drives coding, AI, data sci, analysis, promote ethical tech solutions 4 society."

To be one of the most highly recognized departments of Computer Science in teaching, learning, scientific research, and community service according to international standards in order to achieve the desired growth and development.

Mission of the Department : To create, share, and apply knowledge in Computer Science, including in interdisciplinary areas that extend the scope of Computer Science and benefit humanity; to educate students to be successful, ethical, and effective problem-solvers and life-long learners who will contribute positively to the economic well-being of our region and nation and who are prepared to tackle complex 21st Century challenges facing the world.

Name of the Department	Computer Science
Year of establishment	1998
Institution Status	Autonomous
Groups/Courses related to the Statistics	B.Sc., (MSCS, MPCS, MECS, CMiCS) & M.Sc(Computer Science)
New courses introduced during the last five years	2
2f & 12b of UGC	
Website	www.pvkngcchittoor.ac.in
Sanctioned posts as per SMPC	2
No. of Lecturers working (2022-23)	2
Regular	1
Contract	1
Guest	0
Part-time	0
Total full time Lecturers working	2
Department In-charges i) 2022-23 ii) 2021-22 iii) 2020-21 iv) 2019-20 v) 2018-19	 M.ISMAIL M.ISMAIL M.ISMAIL M.ISMAIL M.ISMAIL
Department Area in mts	
Classroom Area in mts	
No. of Digital Classrooms	Zero
No. Virtual Classrooms	One

2.ACADEMIC INFORMATION

	Details of the Programmes Offered by the College (Academic years from 2018-2023)						
Year	Level of Programme	Name of Programme/ Course	Duration of Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. Of Students Admitted
2022-23	**UG**	**B.Sc (MPCS, MECS, MSCS,CMiCS)**	**03 Years**	**Intermediate**	**English**	**120**	**67**
2021-22	**UG**	**B.Sc (MPCS, MECS, MSCS)**	**03 Years**	**Intermediate**	**English**	**120**	**103**
2020-21	**UG**	**B.Sc (MPCS, MECS, MSCS)**	**03 Years**	**Intermediate**	**English**	**120**	**96**
2019-20	**UG**	**B.Sc (MPCS, MECS, MSCS)**	**03 Years**	**Intermediate**	**English**	**120**	**65**
2018-19	**UG**	**B.Sc (MPCS, MSCS)**	**03 Years**	**Intermediate**	**English**	**80**	**56**
Total							

3.Teaching Faculty

Year	Regular	Contract	Guest	Toal	Name of the Lecturers	Transferred from and to	Highest Qualification	Contact information
2022-23	1	1	1 (PG Guest Faculty)	2	i)Sri.M.ISMAIL ii)Dr.S.VINILA KUMARI		1.M.Tech, NET, APSET 2. M.Sc, MCA, Ph.D	8555982073 9182754706
2021-22	1	1	1 (PG Guest Faculty)	2	i)Sri.M.ISMAIL ii)Dr.S.VINILA KUMARI	ii) GDC, Naidupet to PVKN GC(A), Chittoor	1.M.Tech, NET, APSET 2. M.Sc, MCA,Ph.D	8555982073 9182754706
2020-21	2	0	2 (PG Guest Faculty)	2	i)Sri.M.ISMAIL ii)Sri.M.SAMUEL JOHN		1.M.Tech, NET, APSET 2. MCA, M.Tech, NET	8555982073 9849400846
2019-20	2	0		2	i)Sri.M.ISMAIL ii)Sri.M.SAMUEL JOHN		1.M.Tech, NET, APSET 2.MCA, M.Tech, NET	8555982073 9849400846
2018-19	2	0		2	i)Sri.M.ISMAIL ii)Sri.M.SAMUEL JOHN		1.M.Tech, NET, APSET 2. MCA, M.Tech, NET	8555982073 9849400846

4.Student details of the department during the last five academic year

Programme		2022-23	2021-22	2020-21	2019-20	2018-19
SC	Male	14	38	32	17	22
	Female	12	2	4	7	1
	Others	0	0	0	0	0
ST	Male	3	2	1	5	1
	Female	0	0	0	0	0
	Others	0	0	0	0	0
OBC	Male	16	30	29	24	16
	Female	15	15	10	9	8
	Others	0	0	0	0	0
General	Male	4	14	12	9	1
	Female	2	0	8	3	7
	Others	0	0	0	0	0
Others	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Total		67	103	96	65	56

5. Evaluative Report of the Department

Name of the Autonomous College……PVKN Govt.Collee (A), Chittoor……

Name of the Department……Computer Science……

Dist.…Chittoor……. **State…Andhra Pradesh……**

Total Number of Departments in the institution…..

Sl. No.	Name of the Department	Computer Science
1.	Year of Establishment	**1998**
2.	Is the Department part of a School/Faculty of the Autonomous College	**Autonomous College**
3.	Names of programmes offered	**B.Sc (MSCS, PCS, MECS, CMiCS)**
4.	Number of teaching posts Sanctioned/Filled	**2**
5.	Number of Research Projects: Total grants received	**Nil**
6.		
	National collaboration	**Nil**
	International collaboration	**Nil**
7.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	**Nil**
8.	Special research laboratories sponsored by / created by industry or corporate bodies	**Nil**

9.		
	Number of Papers published	**6**
	Number of Books with ISBN	**1**
	Number of Citation Index – range / average	
	Number of Impact Factor – range / average	
	Number of h-index	
10.	Details of patents and income generated	**Nil**
11.	Areas of consultancy and income generated	**Nil**
12.		
	Faculty	**Nil**
	Doctoral/Postdoctoral fellows	**Nil**
	Students	**Nil**
13.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	**Nil**
14.		
	From the host institution/university	**Nil**
	From other institutions/universities	**Nil**
15.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	**Nil**

Note: ***Compile data for the last five years***

Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal:

Place:

Date:

6. CO, PO and PSO of the Programmes

2022-2023

Programme Outcomes (POs)

The graduates of this degree program will:

PO 1: Understand the concepts of key areas in Computer Science.

PO 2: Analyze and apply latest technologies to solve problems in the areas of Computer Science.

PO 3: Develop skilled manpower in the various areas of Software Industry and Information Technology

PO 4: Develop the basic programming skills to enable students to build Utility programs.

PO 5: Develop the foundation for higher studies in the field of Computer Science.

Programme Specific Outcomes (PSOs)

The graduates of this program will:

PSO 1: An ability to apply knowledge of Mathematics, Computer Science

PSO 2: The program prepares the young professional for a range of Computer Science, techniques of C, Database Management Systems, Web Designing, Big Data and Python.

PSO 3: An ability to design a computing system to meet desired needs within realistic constraints such as safety, security and applicability in multidisciplinary teams with positive attitude.

PSO 4: An ability to communicate effectively.

Course Outcomes (COs)

COMPUTER SCIENCE PAPER – I
(Problem Solving in C)
Subject Code: 22-CSC-1C1

Upon successful completion of the course, a student will be able to:

1. Understand the evolution and functionality of a Digital Computer.
2. Apply logical skills to analyse a given problem
3. Develop an algorithm for solving a given problem.
4. Understand 'C' language constructs, Iterative statements, Array processing, Pointers.
5. Apply 'C' language constructs to solve real time problems.

COMPUTER SCIENCE SEM – II
(Data Structures using C)
Subject Code: 22-CSC-2C2

Upon successful completion of the course, a student will be able to:

1. Remember available Data Structures for data storage and processing.
2. Understand Data Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph
3. Apply skills to implement different Sorting and Search methods
4. Analyze a suitable Data Structures for an application
5. Create programs using various data structures

COMPUTER SCIENCE PAPER – III
(Database Management System)
Subject Code: 22-CSC-3C3

Upon successful completion of the course, a student will be able to:

1. Gain knowledge of Database and DBMS.
2. Understand the fundamental concepts of DBMS with special emphasis on relational data

model.

3. Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database
4. Model database using ER Diagrams and design database schemas based on the model.
5. Create a small database using SQL.

COMPUTER SCIENCE SEM – IV
(Object Oriented Programming using Java)
Subject Code: 22-CSC-4C4

Upon successful completion of the course, a student will be able to:

1. Remember the benefits of a well structured program
2. Understand underlying principles of Object -Oriented Programming in Java
3. Apply logical skills of Java programming to solve a given problem
4. Analyze problem-solving and programming skills using OOP concepts
5. Create software programs for real world problems using Java programming

COMPUTER SCIENCE SEM – IV
(Operating Systems)
Subject Code: 22-CSC-4C5

Upon successful completion of the course, a student will be able to:

1. Remeber Computer system resources and the role of operating system in resource management with algorithms
2. Understand Operating System Architectural design and its functions.
3. Apply logical skills to develop process scheduling and page replacement algorithms.
4. Analyze deadlock situation to resolve it in a system.
5. Analyze files and device management.

COMPUTER SCIENCE SEM V

PAPER – VI A
(Web Interface Designing Technologies)
Subject Code: 22-CSC-SE1

Upon successful completion of the course, a student will be able to:

1. Understand web architecture and services.
2. Gain knowledge about various components of a website.
3. Demonstrate skills regarding creation of a static website and an interface to dynamicwebsite.
4. Learn how to install word press.
5. Apply jQuery skills to develop attractive website.

COMPUTER SCIENCE SEM V

PAPER – VII A
(Web Applications Development using PHP & MYSQL)
Subject Code: 22-CSC-SE2

Upon successful completion of the course, a student will be able to:

1. Apply In-Built functions and Create User defined functions in PHP programming.
2. Write PHP scripts to handle HTML forms.
3. Write programs to create dynamic and interactive web based applications using PHPand MYSQL.
4. Know how to use PHP with a MySQL database and can write database driven webpages.
5. Know how to use PHP with AJAX and creating REST API

2021-2022

Programme Outcomes (POs)

The graduates of this degree program will:

PO 1: Understand the concepts of key areas in Computer Science.

PO 2: Analyze and apply latest technologies to solve problems in the areas of Computer Science.

PO 3: Develop skilled manpower in the various areas of Software Industry and Information Technology

PO 4: Develop the basic programming skills to enable students to build Utility programs.

PO 5: Develop the foundation for higher studies in the field of Computer Science.

Programme Specific Outcomes (PSOs)

The graduates of this program will:

PSO 1: An ability to apply knowledge of Mathematics, Computer Science

PSO 2: The program prepares the young professional for a range of Computer Science, techniques of C, Database Management Systems, Web Designing, Big Data and Python.

PSO 3: An ability to design a computing system to meet desired needs within realistic constraints such as safety, security and applicability in multidisciplinary teams with positive attitude.

PSO 4: An ability to communicate effectively.

Course Outcomes (COs)

COMPUTER SCIENCE SEM – I
(Problem Solving in C)
Subject Code: 21-CSC-1C1

Upon successful completion of the course, a student will be able to:

1. Understand the evolution and functionality of a Digital Computer.
2. Apply logical skills to analyse a given problem
3. Develop an algorithm for solving a given problem.
4. Understand 'C' language constructs, Iterative statements, Array processing, Pointers.
5. Apply 'C' language constructs to solve real time problems.

COMPUTER SCIENCE SEM – II
(Data Structures using C)
Subject Code: 21-CSC-2C2

Upon successful completion of the course, a student will be able to:

1. Understand available Data Structures for data storage and processing.
2. Comprehend Data Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph
3. Choose a suitable Data Structures for an application
4. Develop ability to implement different Sorting and Search methods
5. Design and develop programs using various data structures

COMPUTER SCIENCE SEM – III
(Database Management System)
Subject Code: 21-CSC-3C3

Upon successful completion of the course, a student will be able to:

1. Gain knowledge of Database and DBMS.
2. Understand the fundamental concepts of DBMS with special emphasis on relational data model.
3. Demonstrate an understanding of normalization theory and apply such knowledge to the

normalization of a database

4.Model database using ER Diagrams and design database schemas based on the model.

5.Create a small database using SQL.

COMPUTER SCIENCE SEM – IV
(Object Oriented Programming using Java)
Subject Code: 21-CSC-4C4

Upon successful completion of the course, a student will be able to:

1.Understand the benefits of a well-structured program

2.Understand different computer programming paradigms

3.Understand underlying principles of Object-Oriented Programming in Java

4.Develop problem-solving and programming skills using OOP concepts

5.Develop the ability to solve real-world problems through software development in high-level programming language Java

COMPUTER SCIENCE SEM – IV
(Operating Systems)
Subject Code: 21-CSC-4C5

Upon successful completion of the course, a student will be able to:

1.Know Computer system resources and the role of operating system in resource management with algorithms

2.Understand Operating System Architectural design and its services.

3.Gain knowledge of various types of operating systems including Unix and Android.

4.Understand various process management concepts including scheduling, synchronization, and deadlocks.

5.Comprehend different approaches for memory management.

COMPUTER SCIENCE SEM – V
(Database Management Systems)
Subject Code: 21-CSC-501

Upon successful completion of the course, a student will be able to:

1. Identify the features of the DBMS that will meet the organizational needs
2. Design a database efficiently
3. Familiarize on ER and EER Models
4. Develop queries using SQL Statements
5. Recognize the importance of normal forms

COMPUTER SCIENCE SEM – V
(Software Engineering)
Subject Code: 21-CSC-502

Upon successful completion of the course, a student will be able to:

1. Gather and specify requirements of the software projects.
2. Analyze software requirements with existing tools
3. Differentiate testing methodologies
4. Understand and apply the basic project management practices in real life projects
5. Work in a team as well as independently on software projects

COMPUTER SCIENCE SEM – VI
(Web Technologies)
Subject Code: 21-CSC-601

Upon successful completion of the course, a student will be able to:

1. Describe the structure of HTML document.

2. Select the suitable formatting tags and lists to display data in a webpage
3. Design interactive web pages using HTML and Style sheets.
4. Categorize mathematical and string handling functions
5. Apply DHTML message controls and confirmations in a webpage

2020-2021:

Course Outcomes (COs)

COMPUTER SCIENCE SEM – I
(Problem Solving in C)
Subject Code: 20-CSC-1C1

On successful completion of this course, the students will be able to:

1. Understand the evolution and functionality of a Digital Computer.
2. Apply logical skills to analyse a given problem.
3. Develop an algorithm for solving a given problem.
4. Understand 'c' language constructs like Iterative statements, Array processing, Pointers, etc..
5. Apply 'C' language constructs to solve real time problems.
6.

COMPUTER SCIENCE SEM – II
(Data Structures using C)
Subject Code: 21-CSC-2C2

Upon successful completion of the course, a student will be able to:

1.Understand available Data Structures for data storage and processing.

2.Comprehend Data Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph

3.Choose a suitable Data Structures for an application

4.Develop ability to implement different Sorting and Search methods
5.Design and develop programs using various data structures
6. Implement the applications of algorithms for sorting, pattern matching etc.

COMPUTER SCIENCE SEM – III
(Object Oriented Programming in Java)
Subject Code: 20-CSC-301

At the end of this course the student will:

1. Understand the concept and underlying principles of Object-Oriented Programming
2. Understand how object-oriented concepts are incorporated into the Java programming language
3. Develop problem-solving and programming skills using OOP concept
4. Develop the ability to solve real-world problems through multi-threaded programming using Java
5. Become familiar with creating packages and working with files in Java.

COMPUTER SCIENCE SEM – IV
(Data Structures using Java)
Subject Code: 20-CSC-01

At the end of this course the student will:

1. Understand the concept and underlying principles of Object-Oriented Programming
2. Understand how object-oriented concepts are incorporated into the Java programming language
3. Develop problem-solving and programming skills using OOP concept
4. Develop the ability to solve real-world problems through multi-threaded programming using Java
5. Become familiar with creating packages and working with files in Java.

COMPUTER SCIENCE SEM – V
(Database Management Systems)
Subject Code: 18-CSC-501

Upon successful completion of this course, students will be able to

1.Identify the features of the DBMS that will meet the organizational needs
2.Design a database efficiently
3.Familiarize on ER and EER Models
4.Write queries using SQL Statements
5.Recognize the importance of normal forms

COMPUTER SCIENCE SEM – V
(Software Engineering)
Subject Code: 18-CSC-502

Upon successful completion of this course, students will be able to

1. Ability to gather and specify requirements of the software projects.
2. Ability to analyze software requirements with existing tools
3. Able to differentiate different testing methodologies
4. Able to understand and apply the basic project management practices in real life projects
5. Ability to work in a team as well as independently on software projects

7. Certificate/Value add-on/MOOCs/Diploma/Online certificate Programmes

Year	2022-23	2021-22	2020-21	2019-20	2018-19
No. programmes offered	2	2	1	1	0
No. of students Enrolled	76	126	54	32	0
No. of students completed	64	63	39	21	0
Percentage of students completed against to the total strength	84%	50	72	65	0

8. F***ield projects / research projects / internships during the last five years.***

Year	2022-23	2021-22	2020-21	2019-20	2018-19
CSP					
No. of students Enrolled	0	33	0	0	0
No. of students completed	0	32	0	0	0
Percentage of students completed against to the total strength	0	97	0	0	0

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Short term Internship					
No. of students Enrolled	35	0	0	0	0
No. of students completed	35	0	0	0	0
Percentage of students	100	0	0	0	0

completed against to the total strength					

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Long term Internship	0	0	0	0	0
No. of students Enrolled	0	0	0	0	0
No. of students completed	0	0	0	0	0
Percentage of students completed against to the total strength	0	0	0	0	0

10. Feedback system : Analysis and Action Taken Report:

11.***Enrolment percentage***

Number of seats filled year wise during last five years

(Only first year admissions to be considered)

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Number	67	103	96	74	63

Number of sanctioned seats year wise during last five years

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Sanctioned strength	120	120	120	120	80
Admitted strength	67	103	96	74	63
Percentage	56	86	80	62	79

12. Student Centric Methods:

i) Experiential Learning
ii) Participative Learning
iii) Problem Solving Learning
iv) ICT enabled tools (usage of online resources)

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Experiential Learning	04	30	30	30	30
Participative Learning	02	25	30	20	25
Problem Solving Learning	01	35	30	40	35
ICT enabled Tools	05	60	60	60	60

13. Mentor and Mentee System:

MENTOR – MENTEE INTERACTION 0n 05.07.2019

MENTOR – MENTEE INTERACTION 0n 24.11.2021

MENTOR – MENTEE INTERACTION 0n 18.10.2022

MENTOR – MENTEE INTERACTION 0n 20.01.2023

MENTOR – MENTEE INTERACTION 0n 05.05.2023

MENTOR – MENTEE INTERACTION 0n 05.10.2023

MENTOR – MENTEE INTERACTION 0n 08.12.2023

MENTOR – MENTEE INTERACTION 0n 15.02.2024

MENTOR – MENTEE INTERACTION 0n 08.08.2024

14.***Percentage of full-time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years***

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Number	1	1			
Name of the Lecturers	Dr.S.Vinila Kumari	Dr.S.Vinila Kumari			
Year of acquiring Ph.D.,	2021	2021			
Name of the University	SPMVV, Tirupati	SPMVV, Tirupati			

15. Grievance and Redressal system

Number of complaints/grievances about evaluation year wise during last five years

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Number	**--NIL---**				

16. Result Analysis

Pass percentage during the last five years

Final Year:

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
Final year students appeared	156(V+VI)	142 (V+VI)	104(V+VI)		
Final year students passed	145	119	96		
Pass percentage	93	84	92		

IV Semester:

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
IV Semester appeared	192(III+IV)	156 (IV+V)	72	51	
IV Semester passed	174	133	57	36	
Pass percentage	91	85	80	71	

III Semester:

Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
IIISemester appeared	98	91	148(III+IV)	53	
III Semester passed	61	67	143	49	
Pass percentage	62	74	97	92	

II Semester:

Year	2022-23	2021-22	2020-21	2019-20	2018-19
II Semester appeared	56	110	78	80	54
II Semester passed	49	103	43	69	52
Pass percentage	88	96	63	86	96

I Semester:

Year	2022-23	2021-22	2020-21	2019-20	2018-19
I Semester appeared	62	110	88	89	60
I Semester passed	41	66	73	77	43
Pass percentage	66	60	83	87	72

17. SSS analysis and Action Taken Report (Current Year)

18. Research Activities

S.No.	Activity	2022-23	2021-22	2020-21	2019-20	2018-19	Remarks
1	Seminars conducted	1	1	0	0	0	
2	Webinars conducted	0	0	0	0	0	
3	Workshops conducted	0	0	0	0	0	
4	Capacity building programs conducted	1	1	0	0	0	
5	IPR programs conducted	0	1	1	0	0	
6	MRP's completed	0	0	0	0	0	
7	INSPIRE	0	0	0	0	0	

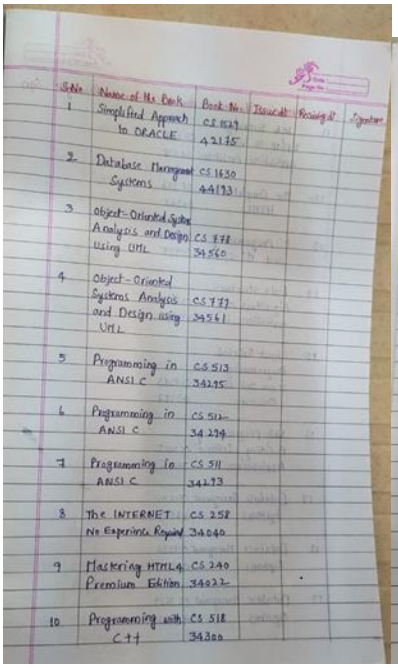
	conducted						
8	Extension programs conducted	0	0	0	0	0	
9	No. of MOU's	1	1	1	1	0	
10	No. of Collaborations	0	0	0	0	0	
11	Faculty Exchange Programs	0	0	0	0	0	
12	Student Exchange programs	0	0	0	0	0	

19.Research Publications

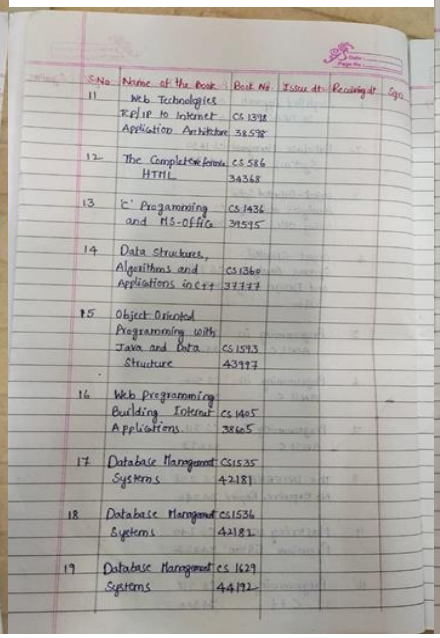
S.No.	Activity	2022-23	2021-22	2020-21	2019-20	2018-19
	UGC care list Publications	0	0	1	0	0
	Web science Publications	0	0	0	0	0
	Scopus publications	0	0	1	0	0
	Peer Reviewed					
	Conference publications	1	0	1	0	0
	Total	1	0	4	0	0
	H – Index (Aggregate)	0	0	1	0	0
	Citations Index	11	11	11	11	0
	Books and Chapters Edited			1		
	Research Guides	0	0	0	0	0
	Funds received for Research activities	0	0	0	0	0

20. Department Library Information

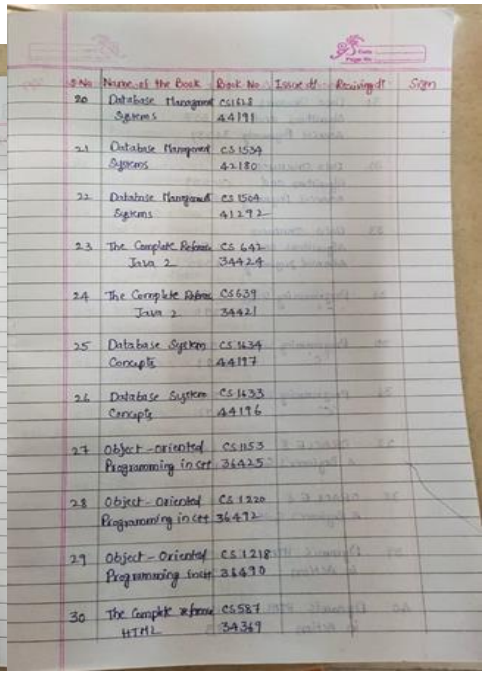
Total Number of Books : 62



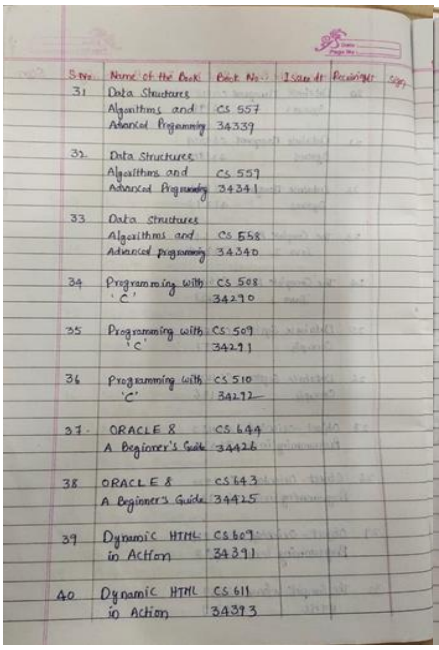
S.No	Name of the Book	Book No.	Issue dt	Receiving dt	Signature
1	Simplified Approach to ORACLE	CS 1629 42135			
2	Database Management Systems	CS 1630 44193			
3	Object-Oriented Sytm Analysis and Design using UML	CS 778 34560			
4	Object-Oriented Systems Analysis and Design using UML	CS 777 34561			
5	Programming in ANSI C	CS 513 34135			
6	Programming in ANSI C	CS 512 34134			
7	Programming in ANSI C	CS 511 34133			
8	The INTERNET No Experince Required	CS 258 34040			
9	Mastering HTML4 Premium Edition	CS 240 34022			
10	Programming with C++	CS 518 34320			



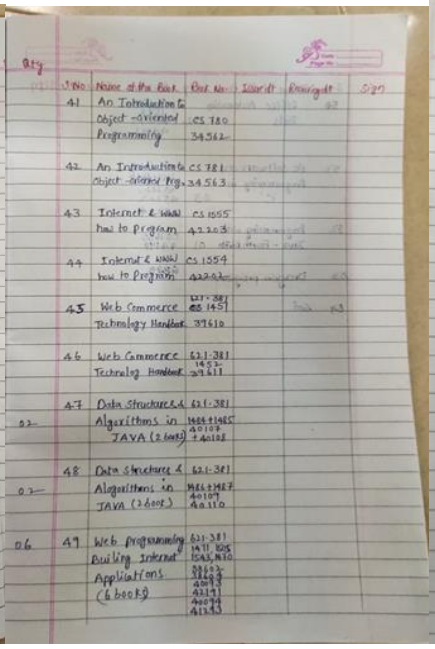
S.No	Name of the Book	Book No	Issue dt	Receiving dt	Sign
11	Web Technologies TCP/IP to Internet Application Architecture	CS 1398 38538			
12	The Complete reference HTML	CS 586 34368			
13	'C' Programming and MS-Office	CS 1436 39515			
14	Data Structures, Algorithms and Applications in C++	CS 1366 37777			
15	Object Oriented Programming with Java and Data Structure	CS 1593 43977			
16	Web Programming Building Internet Applications	CS 1405 38665			
17	Database Management Systems	CS1535 42181			
18	Database Management Systems	CS1536 42182			
19	Database Management Systems	CS 1629 44192			



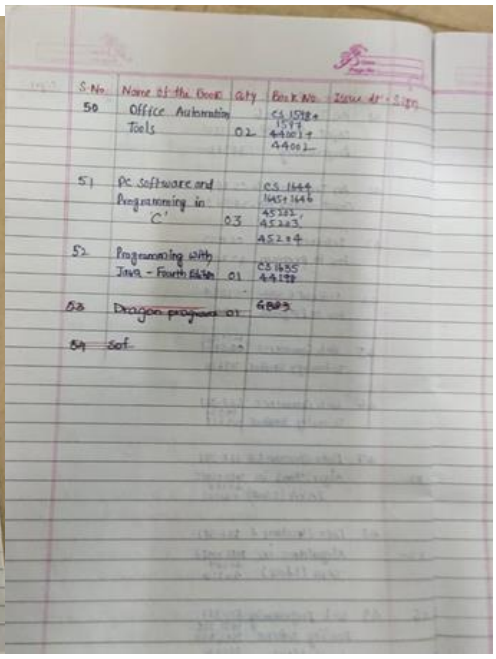
S.No	Name of the Book	Book No	Issue dt	Receiving dt	Sign
20	Database Management Systems	CS1628 44191			
21	Database Management Systems	CS 1534 42180			
22	Database Management Systems	CS 1504 41292			
23	The Complete Reference Java 2	CS 642 34424			
24	The Complete Reference Java 2	CS639 34421			
25	Database System Concepts	CS 1634 44197			
26	Database System Concepts	CS 1633 44196			
27	Object-oriented Programming in c++	CS 1153 36425			
28	Object-Oriented Programming in c++	CS 1220 36472			
29	Object-Oriented Programming in c++	CS 1218 36470			
30	The Complete reference HTML	CS587 34369			



S.No	Name of the Book	Book No	Issue dt	Receiving dt	Sign
31	Data Structures Algorithms and Advanced Programming	CS 557 34339			
32	Data Structures Algorithms and Advanced Programming	CS 557 34341			
33	Data Structures Algorithms and Advanced Programming	CS 558 34340			
34	Programming with 'C'	CS 508 34270			
35	Programming with 'C'	CS 509 34271			
36	Programming with 'C'	CS 510 34272			
37	ORACLE 8 A Beginner's Guide	CS 644 34426			
38	ORACLE 8 A Beginner's Guide	CS 643 34425			
39	Dynamic HTML in Action	CS 609 34391			
40	Dynamic HTML in Action	CS 611 34393			



S.No	Name of the Book	Qty	Book No	Issue dt	Receiving dt	Sign
41	An Introduction to Object-oriented Programming		CS 780 34562			
42	An Introduction to Object-oriented Prg.		CS 781 34563			
43	Internet & WWW how to Program		CS 1655 42203			
44	Internet & WWW how to Program		CS 1554 42202			
45	Web Commerce Technology Handbook		CS 381 39610			
46	Web Commerce Technolog Handbook		CS 381 39611			
47	Data Structures & Algorithms in JAVA (2 books)	02	CS 381			
48	Data Structures & Algorithms in JAVA (2 books)	02	CS 381			
49	Web Programming Building Internet Applications (6 books)	06	CS 381			



S.No	Name of the Book	Qty	Book No	Issue dt	Sign
50	Office Automation Tools	02	CS 1598		
51	PC Software and Programming in 'C'	03	CS 1644		
52	Programming with Java - Fourth Edition	01	CS 1655		
53	Dragon program	01			
54	Soft				

21. Department Stock List and Infrastructure

22. Scholarships and free ships

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number of students in the department	67	103	96	65	56
Govt. provide Scholarships	63	90	85	55	49
Institution provided Scholarships	0	0	0	0	0
NGO's provided Scholarships	0	0	0	0	0
Total	63	90	85	55	49
Percentage	94	87	88	85	88

23. Student Progression and Career counselling details

Year	2022-23	2021-22	2020-21	2019-20	2018-19
No. career counselling programs conducted	1	1	0	0	0
No. of Students get benefitted students	45	32	0	0	0
Percentage of benefitted students	40	45	0	0	0
No. of Competitive programs conducted	0	0	0	0	0
No. of Students get benefitted students	0	0	0	0	0
Percentage of benefitted students	0	0	0	0	0
No. of capacity building programs conduced	0	0	0	0	0
No. of Students get benefitted students	0	0	0	0	0
Percentage of benefitted students	0	0	0	0	0
No. of outgoing students per year	103		96	74	58

Students Progression Number	25	23	18	38	26
Percentage of Progression rate					
No. of students appeared for competitive exams					
No. of students qualified in competitive exams					
No. of students achieved Jobs in competitive exams					

24. Sports and Games **NIL**

25. Alumni Register and contribution details

- Giri Prasad – Software Engineer – Ph: 9666833214
- Kalesha – Entrepreneur (Hardware Support) – Ph: 9951218608

26. Department Vision and Mission and Departmental Administrative polices

Vision of the Department : To be among the nation's premier small research and teaching Computer Science departments.

Mission of the Department : To create, share, and apply knowledge in Computer Science, including in interdisciplinary areas that extend the scope of Computer Science and benefit humanity; to educate students to be successful, ethical, and effective problem-solvers and life-long learners who will contribute positively to the economic well-being of our region and nation and who are prepared to tackle complex 21st Century challenges facing the world.

27. RC/ OC/FDP/ ToT/ Other training Programmes Information

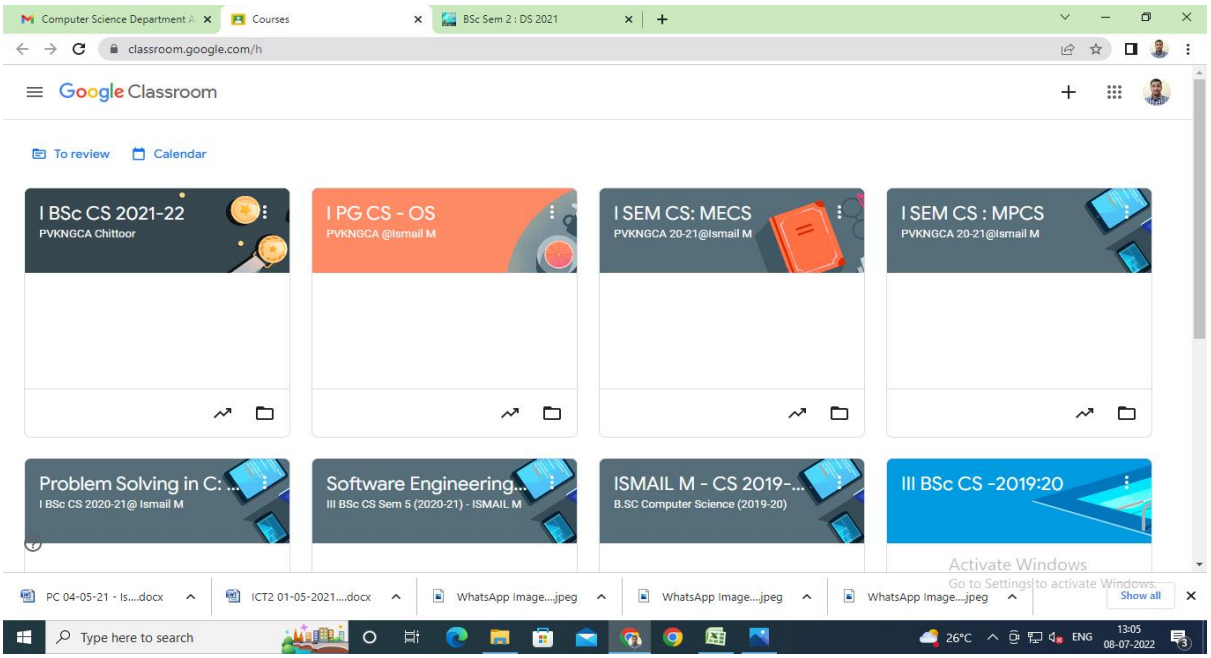
Year	**2022-23**	**2021-22**	**2020-21**	**2019-20**	**2018-19**
No. of programmes attended					

28. Academic Audit Information

29. Academic Administrative Responsibilities Information

30. Gender Equity Programmes and Days to be celebrated Information

31. Departmental Best Practices (NAAC Format)]



Computer Science Department
Courses
BSc Sem 1 - PC : 2020-21
ismailcsdl.blogspot.com/p/bsc-sem-1-pc-2020-21.html
M. ISMAIL (LECTURER IN COMPUTER SCIENCE)
SEARCH
BSC SEM 2 : DS 2021 · BSC SEM 1 - PC : 2020-21 · PG · SEM 1 - OS · ICT 2 · MY YOUTUBE CHANNEL · MORE...
Share
BSC SEM 1 - PC : 2020-21
PROBLEM SOLVING IN C
Question Bank - Click Here
Syllabus, Model Question Paper - Click Here
Unit 1 - Click Here
Unit 2 - Click Here
Activate Windows
Go to Settings to activate Windows.
PC 04-05-21 - Is....docx
ICT2 01-05-2021....docx
WhatsApp Image....jpeg
WhatsApp Image....jpeg
WhatsApp Image....jpeg
Show all
Type here to search
26°C
ENG
13:06
08-07-2022

32. Faculty Profiles :

PVKN GOVERNMENT COLLEGE (AUTONOMOUS) CHITTOOR (A.P)

FACULTY PROFILE

1. Name: ISMAIL M
2. Parent's Name
   (a) Father: M. NABI
   (b) Mother: M. MAMOLABI
3. Designation: LECTURER IN COMPUTER SCIENCE
4. Employee ID: 2912380
5. Nationality: INDIAN
6. Gender: MALE

7. Community: BC-B

8. Present Address: D.No. 28-1102, KN COLONY, CHITTOOR-517001.(Complete address with Email Id and Contact Number) Mail: ismailcsdl@gmail.com Mobile: 8555982073

II. Educational Qualifications:

Exam. Passed (Please Specify Degree Name)	Name of the Board/University	Month & Year Passed	Class/ Div/	% of Marks	Subject/s studied
10thClass	ZPHS PACHIKAPALLAM	MARCH 2005	FIRST CLASS	88.83	Maths,Physics,Chemistry,Social,Telugu,English
Inter/Sr. Secondary or equivalent	B.I.E., A.P.	MARCH 2007	A	94.3	Maths, Physics, Chemistry
Bachelor's degree (B.Tech)	JNTU ANANTAPUR	APRIL 2011	FIRST CLASS WITH DISTINCTION	72.67	COMPUTER SCIENCE AND ENGINEERING
Master's Degree (M.Tech)	JNTU ANANTAPUR	OCTOBER 2015	FIRST CLASS WITH DISTINCTION	80.46	COMPUTER SCIENCE
SET/SLET	OSMANIA UNIVERSITY	2015			
UGC/CSIR NET/ UGC NET/JRF	UGC NET	2015			

II. Departmental Tests Passed:

S.No.	Name of the Test Passed	Paper Codes	Year of Passing
1.	SPECIAL LANGUAGE TEST (TELUGU) FOR OFFICERS OF EDUCATION DEPARTMENT – HIGHER STANDARD	037	2019

III. Teaching Experience:

Name of the University/Institution	Designation	Nature of post Temporary /Permanent	Duties Performed apartfrom normal teaching	Length of experience	
				From	To
SREE VIDYANIKETHAN ENGINEERING COLLEGE, TIRUPATI.	ASST. PROFESSOR	TEMPORARY		OCT 2015	JUNE 2018
PVKN GOVT. COLLEGE(A), CHITTOOR	LECTURER	PERMANENT	DEPARTMENT INCHARGE, YRC COORDINATOR, IIT BOMBAY SPOKEN TUTORIAL COORDINATOR, BOS CHAIRMAN	JUNE 2018	02.08.2023
Dr.YSR Govt.Degree College, Vedurukuppam	LECTURER	PERMANENT		03.08.2023	Till date
			Total:	7 YEARS	

IV. Papers Published in National/International and UGC Listed Journals

S. NO.	Title of the Article	Journal Name	ISSN/ ISBN NO. with Impact Factor	UGC/UGC CARE Listed Journal	Month and Year
1	DESIGN OF AN INTELLIGENT SHOPPING BASKET USING IoT	International Journal of Pure and Applied Mathematics	1314-3395 3 citations	SCOPUS INDEXED	2017

V. Webinars Attended :

S. NO.	Title of the Webinar	Resource Person / Organisation	Date	Conducted by	Mode of Participation	Year of Participa-tion
1.	Industry – Academia Innovative Practices for the Prospect of Students	PVKN GOVT. COLLEGE (A), CHITTOOR	03-06-2020	IQAC	ONLINE	2020

VI. Faculty Development Programmes Completed:

S.No.	Organized by	Name of the Faculty Development Course (FDP)	From	To	Mode of Learning-Offline/Online
1.	CCE,AP	5 DAY FDP ON LMS – VIDEO & PEDAGOGY	03-08-2020	07-08-2020	ONLINE
2.	CCE, AP	5 DAY FDP IN COMPUTER SCIENCE & COMPUTER APPLICATIONS	24-08-2020	28-08-2020	ONLINE
3	PVKN Govt. College(A), Chittoor	5 Day FDP on Outcome Based Education – Teaching, Learning and Evaluation	26-03-2021	30-03-2021	OFFLINE

VII. Professional Competency (for example RC, OC, Training programs, etc)

S. No.	Course Attended	Conducted by	From	To	Grade
1	INDUCTION TRAINING PROGRAMME	APHRDI, BAPATLA	13-08-2018	26-08-2020	-

VIII. Workshops Attended :

S.No.	Title of the Workshop	Organized by	Organized on	Organized at
1	Crypto Currency and Block Chain Technology	PVKN Govt. College(A), Chittoor	23-03-2019	PVKN Govt. College(A), Chittoor
2	Emerging Trends in Higher Education – The Role of IQAC	Smt. NPS Govt. College for Women, Chittoor	06-11-2019	Smt. NPS Govt. College for Women, Chittoor
3	Capacity Building – New Education Policy 2019 & Examination Policy (CBNEP-2020)	PVKN Govt. College(A), Chittoor	05-02-2020	PVKN Govt. College(A), Chittoor
4	Trends in Climate Change in View of Statistical Scenario (TCSS-2020)	PVKN Govt. College(A), Chittoor	29-02-2020	PVKN Govt. College(A), Chittoor

IX. Expert Lectures Delivered in Colleges / Institutions :

S.No.	Topic of the Lecture	College/Institution	Date	Audience/Learners
1.	GATE : How to Crack it.	SREE VIDYANIKETHAN ENGINEERING COLLEGE, TIRUPATI.	12-08-2020	CSE Students

S.No.	Name of the Certificate/Diploma Course Designed	Duration of the Certificate/Diploma	Intended Learners	Year
1	Computer Fundamentals and Office automation	40 Hours	Degree Students	2020

X. As a Resource Person for a Certificate / Diploma Course :

S.No.	Name of the Certificate/Diploma Course	Duration of the Certificate/Diploma	Intended Learners	From	To
1	Computer Fundamentals and Office Automation	40 Hours	Degree Students	March 2020	March 2020

XI. MANA TV / CCE LMS TOPICS:

S.No.	Title of the Presentation	Date	MANA TV/LMS	Place of Recording	No. of Hours
1	Introduction to HTML TM	10-08-2020	LMS	PVKNGCA	15 Min
2	Introduction to HTML EM	11-08-2020	LMS	PVKNGCA	16 Min
3	Heading, Linking and Images in HTML TM	16-08-2020	LMS	PVKNGCA	15 Min
4	Heading, Linking and Images in HTML EM	16-08-2020	LMS	PVKNGCA	15 Min
5	Lists in HTML EM	20-08-2020	LMS	PVKNGCA	15 Min
6	Lists in HTML TM	20-08-2020	LMS	PVKNGCA	16 Min
7	Introduction to CSS TM	25-08-2020	LMS	PVKNGCA	14 Min
8	Introduction to CSS EM	25-08-2020	LMS	PVKNGCA	15 Min
9	Inline Style Sheets TM	28-08-2020	LMS	PVKNGCA	14 Min
10	Inline Style Sheets EM	28-08-2020	LMS	PVKNGCA	15 Min
11	Internal Style Sheets TM	30-08-2020	LMS	PVKNGCA	16 Min
12	Internal Style Sheets EM	30-08-2020	LMS	PVKNGCA	15 Min
13	External Style Sheets TM	10-09-2020	LMS	PVKNGCA	15 Min
14	External Style Sheets EM	10-09-2020	LMS	PVKNGCA	14 in

X. SUBJECTS TAUGHT:

S.No.	SUBJECT / COURSE
1	Web Technologies
2	Advanced JavaScript
3	Programming in C
4	Data Structures
5	Software Engineering
6	Computer Fundamentals and Office Automation
7	Systems Software
8	Compiler Design
9	Operating Systems
10	Digital Logic Design
11	Information and Communication Technology

PVKN GOVERNMENT COLLEGE(AUTONOMOUS) CHITTOOR (A.P)

FACULTY PROFILE

1. Name: M.SAMUEL JOHN
(IN CAPITAL LETTERS)

2. Parent's Name
(a)Father : M.Chandra Sekhara Rao

(b) Mother :M.Vijaya

3. Designation : Lecturer in Computer Science

4. Employee ID :2912732

4. Nationality : Indian

5.Gender: Male

6. Community: Christian

7.Present Address :
(Complete address with Email Id and Contact Number)

M.Samuel John
Lecturer in Computer Science
Department of Computer Science
PVKN Govt College(A), Chittoor,AP
write2samuel@gmail.com
9849400846

II. EducationalQualifications:

Exam. Passed (Please Specify Degree Name)	Name of the Board/University	Month & Year Passed	Class/ Div/	% of Marks	Subject/s studied
10thClass	SSC	March 1995	First Class with Distinction	78.8	
Inter/Sr. Secondary or equivalent	BIE	March 1997	Second Class	56.8	MPC
Bachelor's degree	Andhra University	March 2000	First Class	62.2	MPC
Master's Degree	MCA - ANU	March 2003	First Class with Distinction	75.45	
Master'sDegree	M.Tech(CSE) - JNTUK	March 2010	First Class with Distinction	79.35	CSE
SET/SLET	Osmania University	July 2012			
Ph. D.	SV University, Tirupati (PURSUING)	--	--		
Technical Qualifications					

III. Departmental Tests Passed

S.No.	Name of the Test Passed	Paper Codes	Year of Passing
1.	----		

IV. TeachingExperience:

Name of the University/Institution	Designation	Nature of post Temporary /Permanent	Duties Perfor from normal ıed part eaching	Length of experience	
				From	To
Govt.Degree College, Tiruvur	Lecturer in Computer Science	Permanent		30.09.2021	Till date
PVKN Govt College(A) Chittoor	Lecturer in Computer Science	Permanent	Asst Controller of Examinations	25June2018	27.09.2021
VRSiddhartha Engg College(A) Vijayawada	Asst Professor	Permanent	Member IQAC Examination Secti Time table Inchar o ı ge	15July2005	13Jun2018
Total:				18 years	

V . Papers Published in National/International and UGC Listed Journals

S. NO.	Title of the Article	Journal Name	ISSN/ ISBN NO. with Impact Factor	UGC/UGC CARE Listed Journal	Month and Year
1	**"The Role of Cryptography in the implementation of Cryptocurrencies"**	JETIR (Journal of Emerging Technologies and Innovative Research	ISSN:23495162,		March 2019
2	**Performance analysis of keyword-based searchable symmetric encryption schemes"**	International Journal of Modern Sciences and Engineering Technology	ISSN: 2349-3755, Vol.4, Issue.3,		March 2017

3	**"A comparative study of indexbased searchable encryption techniques"**	International Journal of advanced research in computer science,	Vol.6, No.3, E-ISSN:0976-5697		May 2015
4	"**Data Security and Privacy issues of Cloud Computing – Recent Trends"**	International Journal of Data Modeling and Knowledge Management,	ISSN: 2249-0507, Vol.2, No.1		January-June 2012.
5	"**Implementing CHC to Counter Shoulder Surfing Attack in Pass Point – Style Graphical Passwords",**	International Journal of Advanced Networking and Applications,	Volume : 02,Issue : 06, pp 906-910 ISSN:0975-0290		May-June 2011,
6	**"Attacks and Countermeasures of PassPoints-Style Graphical Passwords"**	International Journal of Advanced Research in Computer Engineering,	Vol.4, No.2 pp.259-262.		, July-Dec2010,
7	**"Enhancing security of Pass Points system using variable tolerance"**	International Journal of Advanced Networking and Applications, IJANA,	Volume: 01, Issue: 04, Pages: 270274 (2010), ISSN:0975-0290		Jan-Feb 2010

VI : Webinars Attended :

S. NO.	Title of the Webinar	Resource Person / Organisation	Date	Conducted by	Mode of Participation	Year of Participation
	International Webinar on "Machine Learning for Veracity of Big Data"	VRSEC Dept of IT,ACM Student Chapter	3-7-2020	Dept of IT	Online	2020

VII : Papers Presented in Seminars and Conferences :

S.No	Conference Title	Organised By	Title of the Conference Paper	Date and Year
1	National Conference on Recent Trends in Information Technology (NCRTIT-2K17)	P.V.P.Siddharth a Engineering College, Vijayawada	**"Performance analysis of keyword-based searchable symmetric encryption schemes"**	10/03/2017
2	National Conference on Recent Trends in Information Technology (NCRTIT-2K15)	P.V.P.Siddharth a Engineering College, Vijayawada	**A comparative study of indexbased searchable encryption techniques"**	25/03/2015
3	National Conference on Recent Trends in Information and Communication Technology (RTICT2011)	Krishna University, Machilipatnam,	**"Data Security and Privacy issues of Cloud Computing – Recent Trends"**	07/01/2012 to 08/01/2012
4 "	National conference on "Emerging Trends In Information and Communication Systems Security"	Vikrama Simhapuri University,Nellore	**PassPoints-Style Graphical Passwords – Its Attacks and Countermeasures"**	27/8/2011 to 28/8/2011
5	National Workshop on Advances in Computing	Vignan's Lara Institute of Technology and Science, Vadlamudi	**Recent Trends in Security and Privacy of Cloud Computing"**	29/4/2011 to 30/4/2011
6	National Conference, NCOITES-2010	Adikavi Nannaya University, Rajahmundry	**Attacks and Countermeasures of Pass points-style graphical passwords"**	22/10/2010 to 23/10/2010
7	National conference TRACS-2010	Aditya Engineering College, Kakinada	**'A Novel Approach to enhance the security of pass points – style graphical passwords"**	24/9/2010 to 25/9/ 2010
8	National Conference, Emerging Trends in Engineering, Technology and Applied Sciences	MVR College Of Engineering,Paritala,Vijayawada	**"Enhancing Security of Passpoints Scheme through varying tolerance"**	12/3/2010 to 13/3/2010

VIII .Faculty Development Programmes Completed:

S.No.	Organized by	Name of the Faculty Development Course (FDP)	From	To	Mode of LearningOffline/Online
	APCCE	Design Thinking and Innovations @21st century computational skills	**24-8-2020**	**28-8-2020**	Online
	PVKN	Essential role of writing research publications and its impact on institutional ranking	**14-8-2020**	**14-8-2020**	Online
	APCCE	LMS Video and Pedagogy	**3-8-2020**	**7-8-2020**	Online
	APSSDC	Android Application Development	13-7-2020	25-7-2020	Online
	APSSDC	Enterprise Application	1-7-2020	3-7-2020	Online
	APSSDC	Amazon Web Services	12-6-2020	27-6-2020	Online
	APSSDC	AWS Technical Essentials	12th October 2017	13th October-2017	Offline
	IT Dept-VRSEC,	IBM Security Identify Manager 6.0 Basic Administration,	December 20th-2016	December 23rd,2016	Offline
	VVIT,Nambur by APSSDC	Google Android Developer Fundamental,	6th September 2016	10th September 2016	Offline
	PVPSIT, Vijayawada	"Information Security-Elliptic Curve and Diffie-Hellman Approach",	December 19th, 2015	December 19th, 2015	Offline
	VRSEC,Vijayawada	Cryptography and Network Security ,	15th July 2011	17th July 2011	Offline

IX.Short Term Courses Completed :

S.No.	Organized by	Name of the Short Term Course	From	To	Mode of Learning-Offline/Online
	APHRDI, Bapatla	**Two Week Training Program for "Newly Recruited Lecturers"**	**13th August 2018.**	**26th August 2018.**	Offline

X .Workshops Attended :

S.No.	Title of the Workshop	Organized by	Organized on	Organized at
	Training Program on "EAT Module of Public Financial Management System(PFMS) for HEI's"	**UGC**	**13/02/2019**	**Nagarjuna University**
	National Conclave Cum War Room On OUTCOME BASED EDUCATION	IQAC **at Loyola College,Vijayawada**	**25th to 27th October 2018**	**Loyola College,Vijayawada**
	National Workshop on Innovative Teaching Strategies in Engineering Education	VRSEC	24th March2017	VRSEC
	International seminar on contemporary developments in organizational behavior	MBA Department-VRSEC	30th December 2016	VRSEC
	workshop on Crafting High Performance Teams	MBA Department-VRSEC	29th September 2016	VRSEC
	National Conference on Recent Trends in Information Technology (NCRTIT-2K16)	P.V.P.Siddhartha Institute of Technology, Vijayawada	24/03/2016	P.V.P.Siddhartha Institute of Technology, Vijayawada
	National Conference on Recent Trends in Information Technology (NCRTIT-2K14)	P.V.P.Siddhartha Institute of Technology, Vijayawada	22/03/2014	P.V.P.Siddhartha Institute of Technology, Vijayawada
	Two Day National Seminar on Cloud Computing,	P.V.P.Siddhartha Institute of Technology, Vijayawada	Nov. 25th & 26th, 2013	P.V.P.Siddhartha Institute of Technology, Vijayawada

	Two-day hands-on workshop on Information management and knowledge engineering	VRSEC	8th and 9th July 2013	VRSEC
	One-Day National Workshop on Soft Computing	Adikavi Nannaya University, Rajahmundry	27th January 2012	Adikavi Nannaya University, Rajahmundry
	Two day workshop on programming with PYTHON	PVPSIT,Vijayawada	16th and 17th of Dec 2011	PVPSIT,Vijayawada
	Seminar on Mathematical Logic and Applications (MAA 2010)	VRSEC	April 3rd ,2010	VRSEC
	International Conference ICETCSE-2010	VRSEC	February 12th ,2010	VRSEC
	One day workshop on "Enterprise Risk Management"	P.B.Siddhartha College of Arts and Science	23rd Jan- 2010	P.B.Siddhartha College of Arts and Science
	One day workshop on "Network Security and Embedded Systems"	JNTU,Kakinada	24th Oct- 2009	JNTU,Kakinada
	Two day workshop on "Mobile computing and network security"	VRSEC,Vijayawada	12th and 13th of Oct-2007	VRSEC,Vijayawada
	Two day workshop on "Emerging trends and technologies in mobile communication and network security"	VRSEC,Vijayawada	24th and 25th of Feb-2007	VRSEC,Vijayawada
	Seminar on "Programming Methodologies"	PVPSIT,Vijayawada	15-9-2005	PVPSIT,Vijayawada

XI. Publications as an Author of a Book

Title of the Book	Published (No. of Publications)	Accepted/ In Print (No. ofPublications)	ISBN / ISSN No	Publishers Name
-----				

XII. Expert Lectures Delivered in Colleges/Institutions :

S.No.	Topic of the Lecture	College/Institution	Date	Audience/Learners
1.	---			

XIII. As a Resource Person / Chairing a Session in Seminars/ Conferences :

S. No	Resource Person / Chairing a Session	Name of The Seminar / Workshop/Conference	Organized By	Sponsoring Agency	Date

XIV. Designing of Certificate / Diploma Course :

S.No.	Name of the Certificate/Diploma Course Designed	Duration of the Certificate/Diploma	Intended Learners	Year
	Computer Fundamentals and Office Automation			

XV. As a Resource Person for a Certificate / Diploma Course :

S.No.	Name of the Certificate/Diploma Course	Duration of the Certificate/Diploma	Intended Learners	From	To

XVI. Supervisor for Research Degrees (M.Phil / PhD)

Name of the Degree	Awarded (No. of candidate)	Under Supervision (No. of candidate)	Year	Name of the University
M.Phil. / Equivalent	-------			
Ph.D.	--------			

XVII. Consultancy Activities :

S. No.	Consultancy in the Subject/Area of Study	Funding Organization/Agency	Consultancy with the Organization	Year
	---------	---------		

XVIII. Academic Distinctions: (Awards, Honours etc.)

S.No	Name of the Award	Awarded by	Year
	--------	---------	

XIX. Research Projects Carried Out:

Title of the Project	Name of the Funding Agency	Duration		
		From	To	No. of years / months / days
NIL	--------			

XX. Membership in Professional Bodies :

S. No.	Name of the organization	Subject/Area of Study	Membership Type (Life Time/Annual)	Year of Enrolment
1	ISTE			
2	IAENG	Computer Science	Life Time(117927)	12-12-2011

XXI. Any Other Information Not Covered Above:

Completed MOOCS course “Java Tutorial for Complete Beginners” on 5/10/2018 offered by Udemy.

PVKN GOVERNMENT COLLEGE(AUTONOMOUS) CHITTOOR (A.P)

FACULTY PROFILE

1. Name:
(IN CAPITAL LETTERS) Dr.S.VINILA KUMARI

2. Parent's Name
(a)Father : Dr.S.Janardhana Rao

(b) Mother : S.Vijaya Lakshmi

3. Designation : Contract Faculty

4. Employee ID :

4. Nationality : Indian

5.Gender: Female

6. Community: OC

7.Present Address : Dr.S.Vinila Kumari,

(Complete address with Email Id and Contact Number)

Contract Faculty in Computer Science,
PVKN Govt.Degree College,Chittoor.
E-mail : vinisd2006@gmail.com
Ph.No : 94900 96109/ 9182754706

II. EducationalQualifications:

Exam. Passed (Please Specify Degree Name)	Name of the Board/University	Month & Year Passed	Class/ Div/	% of Marks	Subject/s studied
10thClass	Board of Secondary Education, Andhra Pradesh, Hyderabad	March, 1995	First Class	75.5%	English, Telugu, Hindi, Maths,Science, Social
Inter/Sr. Secondary or equivalent	Board of Intermediate Education, Andhra Pradesh, Hyderabad	May, 1997	Second Class	55.1%	English, Telugu, Mathematics, Physics, Chemistry
Bachelor's degree	Sri Venkateswara University, Tirupati	April, 2000	Second Class	55.9 %	B.Sc (Maths, Physics, Computer Science)
B.Ed.	---- **NIL** ----				
Master's Degree	University of Madras	April, 2003	Distinction	76.8%	M.Sc (Information Technology)
M.Ed.	---- **NIL** ----				
SET/SLET	---- **NIL** ----				
UGC/CSIR NET/ UGC NET/JRF	---- **NIL** ----				
M.Phil	---- **NIL** ----				
Ph. D.	SPMVV, Tirupati	June, 2021			
Any other Degree/ Diploma (Give name)	Annamalai University, Chidambaram	April, 2015	First Class	79%	M.C.A
Technical Qualifications					

III. TeachingExperience:

Name of the University/Institution	Designation	Nature of post Temporary /Permanent	Duties Performed apart from normal teaching	Length of experienc	
				From	To
Sri VSSC Govt.Degree College, Sullurpet	Contract Faculty in Computer Science	Contract		15.10.2007	18.04.201
D.K.Govt. Degree College for Women, Nellore	Contract Faculty in Computer Science	Contract		08.07.2013	04.04.201
Govt.Degree College, Naidupet	Contract Faculty in Computer Science	Contract		12.06.2019	09.09.202
PVKN Govt.Degree College, Chittoor	Contract Faculty in Computer Science	Contract		29.10.2021	
			Total:	14 Yrs.	

IV . Papers Published in National/International and UGC Listed Journals

S. NO.	Title of the Article	Journal Name	ISSN/ ISBN NO. with Impact Factor	UGC/UGC CARE Listed Journal	Month and Year
1	The Role of Big Data Analytics in agriculture	IJCSME	ISSN – 2349 - 8439	Yes	March 2016
2	Land Classification based on Hyper Spectral Images using Deep Learning Techniques	Scopus	ISSN - 0913-4120	Yes	May 2020

3	Identification of Neighbourhood Cities Based on Landuse Bigdata Using K-Means and K-NN Algorithm	Springer	ISSN - 2662 – 3447 ISBN 978-3-030-46938-2 (E- Book)	Yes	July 2020
4	Deep Geospatial Analysis for Land Use and Land Cover	Journal of University of Shanghai for Science and Technology	ISSN : 1007 - 6735	Yes	February 2021
5	Data Analytics for Land Use and Land Cover Problems: A Survey	IJFGCN	ISSN: 2233-7857	Yes	March 2021

V.Webinars Attended :

S. NO.	Title of the Webinar	Resource Person / Organisation	Date	Conducted by	Mode of Participation	Year of Participation
1	R-Language	Rabindranath Tagore University, Bhopal	11.06.2020	Sofcon India Pvt.Ltd	Online	2020
2	Enterprise Applications	APSSDC	1.07.2020 to 03.07.2020	APSSDC	Online	2020
3	Career in Cloud Computing	APSSDC	07.07.2020	APSSDC	Online	2020
4	Digital Image Processing	Dr.Chinni Hima Bindu	20.07.2020	APSSDC	Online	2020

VI. Papers Presented in Seminars and Conferences :

S.No	Conference Title	Organised By	Title of the Conference Paper	Date and Year
1	International Conference on Computational, Mathematical and biological Modelling(ICCMBM16)	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	The Role of Big data Analytics in agriculture	25th & 26th March 2016

2	2nd Andhra Pradesh Science Congress[APSC – 2016]	A.P.Akademi of Sciences, Amaravathi	The impact of climate change on agricultural crops in Andhra Pradesh predicting by BigData Analytics	7th to 9th November 2016
3	National Conference on Quality Auurance & Quality Enhancement in Higher Education	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	The impact of the Virtual classes in Higher Education	23rd & 24th February 2018
4	International Conference on Computational and Bio Engineering (CBE'20) 27th & 28th December 2019	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	Land Classification based on Hyper Spectral Images using Deep Learning Techniques	7th & 28th December 2019
5	A Virtual National Conference on "Artificial Intelligence – Current Trends and Applications	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	Identification of Neighbourhood Cities Based on Landuse Bigdata Using K-Means and K-NN Algorithm	27th & 28th march 2020

VII .Faculty Development Programmes Completed:

S.No.	Organized by	Name of the Faculty Development Course (FDP)	From	To	Mode of LearningOffline/Online
1	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	New Frontiers in Artificial Intelligence – Societal Perspectives	25.11.2019	30.11.2019	Offline
2	Sree Vidyanikethan Engineering College, Tirupati	Emerging Trends in Big Data	01.07.2016	02.07.2016	Offline
3	APHRDI, Bapatla	New Market Research Oriented Courses	24.07.2017	28.07.2017	Offline
4	Dr.MGR	Remote sensing	22.06.2020	29.06.2020	Online
	Educational Research Institute	Applications and Current Trends in machine learning			
5	APSSDC	Python Programming	12.06.2020	27.06.2020	Online

VIII.Short Term Courses Completed :

S.No.	Organized by	Name of the Short Term Course	From	To	Mode of Learning-Offline/Online
1	Indian Institute of Remote Sensing, Dehradun	Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System	22.08.2016	18.11.2016	Online
2	Indian Institute of Remote Sensing, Dehradun	RS & GIS Applications in Water Resource Management	22.05.2017	09.06.2017	Online
3	Swayam	ICT Skills in Education	22.06.2020	11.09.2020	Online
4	Swayam ARPIT	Big Data Analytics For Smart Grid	01.12.2020	31.03.2021	Online

IX. Chapter of an Edited Book :

S.No.	Title of the Edited Book	Title of the Research Paper	Name of the Publisher	Year of Publication	ISBN No.	Editor/s
1	Learning and Analysis in Intelligent Systems	Identification of Neighbourhood Cities Based on Landuse Bigdata Using K-Means and K-NN Algorithm	Test Engineering and Management	July 2020	ISSN - 2662 – 3447 ISBN 978-3-030-46938-2	S.Jyothi, D.M.Mamatha, Suresh Chandra Satapathy
2	Higher Education Quality Assurance and Enhancement	The Impact of the virtual class in Higher Education	Rishi Educational Society	June 2018	ISBN : 978-81-9368380-4	S Jyothi, P.Uma Maheswari Devi, K Anuraha, D.Sarada

X.Workshops Attended :

S.No.	Title of the Workshop	Organized by	Organized on	Organized at

1	MOOcs	Government Degree College, Rajamahendravaram	30/11/2016 to 01/12/2016	
2	Machine Learning and its	Vidyanikethan	03/01/2018	
	Applications	Engineering College, Tirupati		
3	Planning Student Centered Classrooms	D.K.Government College for Women(A), Nellore	05.03.2018	
4	LaTeX	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	28/03/2018 & 29/03/2018	
5	Bigdata Analytics & IOT	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	27/04/2018 to 29/04/2018	
6	Big Data Analytics & Start-ups	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati	01/12/2018 to 07/12/2018	
7	Intellectual Property Rights & Its Education	D.K.Government College for Women(A), Nellore	16.10.2019	

XI. Expert Lectures Delivered in Colleges/Institutions :

S.No.	Topic of the Lecture	College/Institution	Date	Audience/Learners
1.	OOPs Concepts	Govt.Degree College, Gudur, SPSRNellore Dt	22.02.2020	All B.Sc and B.Com Computers Students
2.	Network Protocols	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	08.08.2013	All B.Sc and B.Com Computers Students
3.	Cascading Style Sheets	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	06.11.2014	III B.Sc and III B.Com Students
4.	The Role of Cryptography in Secure Data Transmission	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	20.08.2015	All B.Sc and B.Com Computers Students

5.	Excel Functions	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	01.10.2015	I B.Sc and I B.Com Computer Students
6.	Applets in Java	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	12.11.2015	II B.Sc and II B.Com Computer Students
7.	Packages in Java	MANA TV Live Program, SAPNET Studio, Dr.B.R.Ambedkar University, Hyderabad.	07.01.2016	II B.Sc and II B.Com Computer Students
8.	Communication Skills	District Training Center, Nellore	30.06.2017	All Non-Teaching Staff from various departments
9.	Effective Power Utilization and conservation in smart homes using IOT	APHRDI Regional Center, ETC, Srikalahasti	22.07.2017	All Non-Teaching Staff from various departments
10.	Internet of Things	District Training Center, Nellore	29.08.2017	All Non-Teaching Staff from various departments
11.	Internet of Things	District Training Center, Nellore	25.11.2017	All Non-Teaching Staff from various departments
12.	Leadership Skills	Bhagavan Venkaiah Swamy Ashramam, Golagamudi	23.02.2018	All Non-Teaching Staff from various departments
13.	IT Enabled services in AP	Bhagavan Venkaiah Swamy Ashramam, Golagamudi	26.02.2018	All Non-Teaching Staff from various departments

33. Student Achievements NIL

34. SWOC analysis

Strength:

- Experienced & Committed Teachers
- Well-equipped lab with internet facilities
- ICT enabled teaching
- According to feedback from students, academic peers and employers, for review and re-design of curricula
- Good result and increase in student strength

Weakness

- Inadequate faculty for supporting student ratio
- Number of sponsored major/minor research projects
- Inadequate number of tie-ups/MoUs
- No separate place for the departmental library
- Faculty involvement in collaborative research

Opportunities

- To help and guide poor and average students
- Training for both faculty members and students through workshops/seminars
- Provision for interdisciplinary research
- To increase campus placements
- To improve soft skill for personality development
- To train students to face entrance tests like MCA, PGCET etc.,
- To provide quality education and special focus on rural backward students

Challenges

- Organization of International seminar/ Conference
- Admitting high caliber students
- Instability of Job opportunity in IT industries
- Placing the students

- Updating latest developments in the field of Computer Science

35. Report

36. Future Plans

- Strengthening the Computer Science manpower
- Redesign curricula on par with the technology growth
- Introducing new teaching and research programmes
- Establish partnership with recognized universities and Industries
- Formulate Academic Quality Assessment Cell to monitor the academic quality parameters in the department