YADAVA COLLEGE

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT PROFILE

HISTORY

- Yadava College was started in the year 1969 to uplift the first generation learners of Backward Society. Our college recognized the need of Computer Science, which can impart high technology growth to the students who mostly belong to the first generation of Literates and started in the year 1997.

- Thanks to the Management Committee and Governing Board, who took necessary steps to incorporate the course.

- The first year B.Sc (Computer Science) was emerged in the year 1997 with number of 16 students, presently grown to the strength of 262 students with two sections.

- The Post Graduation course was started in the year 1998-1999.

- At the beginning, PG was entitled as M.Sc (Computer Science) with strength of 13 students.

- In the year of 2002 - 2003, the course name was updated as M.Sc (CS & IT) with the strength of 35 students.

- Later, during 2016 – 2017, course name was upgraded as M.Sc (Computer Science) with the strength of 24 students.

COMPUTER SCIENCE DEPARTMENT PROFILE

List of Staff Members from Start – Up

- Mr.S.Sivapragasam
- Dr.V.Senthil
- Mr.P.Ganesh Babu
- Mr.Prabhakar Godwin James
- Mrs.Anjelin Richard
- Mrs.Narayani
- Dr.R.Selvarani
- Dr.G.Marimuthu
- Mr.S.Saravanapandian
- Mrs.J.Rathika Sethuraman
- Mr.M.Muthalagu
- Mr.R.Sugumaran
- Mr.M.Kaleeswaran
- Mrs.R.Kalaivani
- Mrs.K.Angu Anuradha
- Ms.R.Beulah

- Mrs.A.Dhanalakshmi
- Mrs.S.Nambirani
- Mrs.V.Efsiba
- Ms.M.Pradeepa
- Mr.S.P.Rajkumar
- Mr.R.Dhinesh Kumar
- Mr.S.Arun Kumar
- Mrs.J.Prathiba
- Mr.R.Shanmugaraj
- Ms.C.Sujitha
- Ms.P.Madhavi
- Ms.V.Veeralakshmi
- Mrs.S.Anu
- Ms.S.Thilagavathi
- Mrs.A.Priyanka

Head of the Department

- **Mr.S.Sivapragasam** (1997)
- **Dr.V.Senthil** (1997 to 2007)
- **Mr.P.Ganesh Babu** (2007 to 2008)
- **Dr.G.Marimuthu** (2008 onwards)

COMPUTER SCIENCE DEPARTMENT PROFILE

Staff Members Currently Working

- Dr.G.Marimuthu

- Mr.S.Saravanapandian

- Mr.M.Kaleeswaran

- Ms.R.Beulah

- Mrs.J.Prathiba

- Mr.R.Shanmugaraj

- Mrs.S.Anu

- Mrs.A.Priyanka

Syllabus

- For the welfare of students, syllabus is updated once in three years according to the recent trends in IT sector.

- New syllabus is included or updated according to the trends. Board of Studies committee members and Academic Council members will audit the updated syllabus.

- Syllabus is framed according to face the Competitive Exams such as NET/SLET svllabus.

Letter of Collaboration

- Letter of Collaboration is signed between Department of Computer Science, Yadava College, Madurai and Department of Computer Science, Vivekananda College, Thiruvedagam on October 12, 2021.

MoU

- Every year, in Post Graduate, selective students attend internship outside the college, accompanied by the MoU signed Organization – UR Mindsoft, Madurai for the year 2016, 2017, 2018, 2019, 2021

Library

- In Computer Science Department, Library plays a vital role around **760 Books** are available.

- Books are issued for the Staff Members, Students.

- Other Department Faculties also can access the books.

- Proper record is maintained for issue and return of books. Every year internal audit is conducted.

STAFF ACHIEVEMENTS

RESEARCH ACTIVITIES

- **Dr.G.Marimuthu** was awarded **Ph.D** during the year 2017

EDITORIAL BOARD MEMBER

STAFF NAME	ASSOCIATION	DESIGNATION
Dr.G.MARIMUTHU	INDIAN JOURNAL OF INFORMATION AND COMMUNICATION	ASSOCIATE EDITOR
Dr.G.MARIMUTHU	EASY CHAIR – JOURNALS	REVIEWER

PAPERS PUBLISHED

NAME	PAPER TITLE	PRESENTED ON	DATE
Dr. G. Marimuthu	Enabling Legacy Application to Cyberspace for Effective Learning Environment Services	UGC Sponsored National Seminar on "CYBER CRIMINOLOGY" at Baselios Poulose II Catholicos College, Piravom- Cochin.	March 3,4 2011
Dr. G. Marimuthu	Knowledge Management System Architecture for Industrial Applications Using Web Mining Techniques	Thiagarajar School of Management,Madurai	12th February 2010
Dr. G. Marimuthu	The Contribution of Knowledge Management Systems to Inter-Organizational Learning	National Assessment and Accreditation Council Sponsored National Seminar, Yadava College, Madurai.	31st August & 1st September 2009
Dr. G. Marimuthu	Cryptography on Sheltered Data Split Using Ultra Algorithm	KLN College of Information Technology,Pottalpalayam Sivagangai (Dt) , Madurai.	April 10 & 11 2008

Journals Published

Name of the Author	Journal Title	Year Published	Journal	ISSN number
Dr. G. Marimuthu	Security Frame of Reference for SOA Appliance in mobile cloud Computing.	Sep 2018	International Journal of Information and Communication	E-ISSN 2581-7159 Volume I, Issue X, October 2018
Dr. G. Marimuthu	Research in Service - Oriented Design for Standard-Consumed Development of Micro Service Architecture	Sep 2018	International Journal of Computer Engineering and Applications	ISSN 2321-3469 General, Issue IX, September 29th, 2018.
Dr. G. Marimuthu	Research in Service – Oriented Architecture with Cloud and SaaS Solutions.	June 2019	International Journal of Computer Sciences and Engineering	E-ISSN: 2347-2693 Vol.-7, Issue-6, June 2019
Dr. G. Marimuthu	An Implementation of Decision-Making Framework for SOA Architectures using E Banking.	June 2019	Journal of Applied Science and Computations	ISSN NO: 1076-5131 Volume VI, Issue VI, June/2019

Books Published

AUTHOR	BOOK TITLE	PUBLISHER	YEAR	ISBN No
Dr.G.Marimuthu	Python programming	The charulatha publications	NOV 2020	978-93-5445-079-2
Dr.G.Marimuthu	Computer graphics	Madurai Kamaraj University – Directorate Of Distance Education	JUNE 2015	
Dr.G.Marimuthu	Oracle Lab	Madurai Kamaraj University – Directorate of Distance Education	JUNE 2015	
Dr.G.Marimuthu	Visual basic lab	Madurai Kamaraj University – Directorate of Distance Education	JUNE 2015	
Dr.G.Marimuthu	Object Oriented Programming And Design	Madurai Kamaraj University – Directorate Of Distance Education	JUNE 2020	
Dr.G.Marimuthu	Problem Solving And Programming In C	Madurai Kamaraj University – Directorate Of Distance Education	JUNE 2020	

Dr.G.Marimuthu	Advanced Database System	Madurai Kamaraj University – Directorate Of Distance Education	SEP 2021	
Mrs. S. Anu	Machine Learning	Madurai Kamaraj University – Directorate Of Distance Education	JUNE 2020	
Mrs. S. Anu	Network Security	Madurai Kamaraj University – Directorate Of Distance Education	SEP 2021	
Mrs. S. Anu	Operating System Design Principles	Madurai Kamaraj University – Directorate Of Distance Education	SEP 2021	

Seminars Participated

Seminar	International Level	National Level	State Level
Faculties Attended	3	5	12

Department Functionality

Seminars

- One day Seminars and Workshops are conducted for the students every semester by IT Professional as Resource Person.

- A live demo class and practice is given for the students by the Resource Person.

Extension Activities

- In Computer Science Department, Staff Members and students visit nearby schools every year and teach the school students to get updation on Internet or other Computer Knowledge.

Magazines

- A golden opportunity is given to the Department Students. That is, students can write a Magazine either with group or individually on every semester. Nearly 15 Magazines are written by the students.

- Magazine is named as "WANG" (to be tricky).

Events

To make a change over for the students apart from studies, some events are conducted for the students.

i) Pongal Celebration

- Pongal Festival is celebrated each year outside the campus with **oldage people or orphanage children**. Staff Members and students from the Department used to provide any gifts according to their needs.

ii) Inter-College Competition

- Inter – College Competitions are conducted for the students. Students from other colleges participated in the competitions. Nearly 40 colleges participated in the event.

iii) Cricket

Cricket is conducted only for Department male students according to the sections by Male Staff members in the Department. Prize will be distributed for the Winner and Runner Teams.

iv) Girls Competition

- To motivate girls in the Department, an event is conducted named as TALENT TRIALS. Competitions like Rangoli, Mehandi, Singing etc., are conducted by Department Female Staff members. Prizes will be given for the Winners and Runners.

Events Continued.,

Unique Department Functionality

Some unique actions are taken by the Department for the welfare of students

- Collaboration with Vivekananda College, Thiruvedagam.

- MoU is signed with a Company.

- WANG – Students Magazine.

- Uniform for all the students.

- Jeans Pant, T-Shirts, Bracelet, Chains, Stud are not allowed inside the class on non-uniform days.

- Parent's Teachers Association (PTA) meeting is conducted for Internal Failure students too.

- Every day, the absentees will be informed to the respective parents by the Class In-Charge.

- Monthly Parents & Teachers Meeting will be organized based on marks and Discipline.

- Girls Counselling Meet is conducted once in 15 days.

- Discipline is strictly maintained in the Department.