

KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE
Annual Report For The Year 2020-2021

Department of Computer Science

1. Faculty Profile

S.No	Name of the Faculty	Designation	Experience		Qualification Approval No
			College	Industries	
1.	Dr..M.Sengaliappan	Dean	17 years	9	14272 / A2 / 2002
2	D.Umanandhini	Assistant Professor&HOD	14Years-7 Months	Nil	15887/A3/2008
3.	Mr P.Ponsekar	Assistant Professor	11	Nil	7601/A2/2009
4.	Mrs.A.Nivedha	Assistant Professor	1 Year 3 Months	Nil	-
5.	Ms.R.Dharani	Assistant Professor	1 Year 1 Month	Nil	-

2. Recognized Guides for M.Phil

S.No	Name of the Faculty	Specialization	Guide Recognition No.	No of Scholars	
				Pursuing	Completed
1.	Mr.M.Sengaliappan	Advanced Networking	52235 / A3 / 2007	-	-
2	D.Umanandhini	Data Mining	3925/A2/2009	-	-
3.	Mr P.Pons ekar	Advanced Networking	7601 / A2 / 2009	1	-

3. Recognized Guides for Ph.D

S.No	Name of the Faculty	Specialization	Guide Recognition No.	No of Scholars	
				Pursuing	Completed
1.	Dr.M.Sengaliappan	Advanced Networking	4110-3/A2/2017	4	

4. Awards / Recognition received by faculty

S.No	Date	Name of the Faculty	Award	Name of the Event	Name of the Agency/Institution
1.	Nov - 2020 Oct-2021	Dr. M. Sengaliappan	End Semester Examination	100% result in Mobile Computing.	KKCAS
2.	Nov - 2020 Oct-2021	D.Umanandhini	End Semester Examination	100% result in java programming, data mining	KKCAS
3.	Nov -	Mr. P. Ponselkar	End Semester	100% result in	KKCAS

	2020 Oct- 202120		Examination	Advanced Java programming	
4.	Nov - 2020 Oct-2021	Mrs.A.Nivedha	End Semester Examination	100% result in PHP & MySQL,C++,Cyber law and practices	KKCAS
5.	Nov - 2020 Oct-2021	Ms.R.Dharani	End Semester Examination	100% result in Software Testing.	KKCAS

5. Faculty served as resource person

S.No	Date	Name of the Faculty	Name of the Programme	Venue
		NIL		

5. Publication of Books

S.No	Name of the Faculty	Title of the paper	Name of the Book	Month & Year	Publishers Name	ISBN/ISSN No
	NIL			NIL		

6. Publication in Journals

S.No	Name of the Faculty	Name of the Journal	Title of the Paper	Vol No.	Page No.	Month & Year	ISBN/ISSN No No Impact Factor
1							

7. Presentation of Papers by Faculty in Seminar/Conference

S.No	Date	Name of the Faculty	Title of the paper	Venue
1	23.01.2020 & 24.02.2020	Mrs.R.Dharani & Dr.M.Sengaliappan	Review On Challenges Threats ,Security, Issues And New Treands Of Underwater Wireless Senser Networks	Third National Conference on Advanced Computing.Bharathiar University

8. Participation by Faculty in Seminars / Conferences / Workshops / Training Programme

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1		NIL		

9. Faculty Development Programmes Attended

S.No	Date	Name of the Faculty	Name of the Programme	Resource Person	Venue
		NIL			

10. Webinar attended by faculty:

S.No	Date	Name of the Faculty	Topic of the Programme	Organized By
		NIL		

11. Major Research Projects Sanctioned

S.No	Month & year	Name of the Faculty	Title of the Project	Sponsoring Agency	Amount	Status
				NIL		

11. Minor Research Projects Sanctioned

S.No	Month & year	Name of the Faculty	Title of the Project	Sponsoring Agency	Amount	Status
				NIL		

12. Monographs by Faculty

S.No	Month & Year	Name of the Faculty	Title of the Paper
			Nil

13. Faculty Pursuing M.Phil

S.No	Name of the Faculty	Area of Research	Date of Registration
	NIL		

14. Faculty who completed M.Phil

S.No	Name of the Faculty	Area of Research	Month & and year of Completion
1.	MS.R.Dharani	Networking	Nov 2019

15. Faculty Pursuing Ph.D

S.No	Name of the Faculty	Area of Research	Date of Registration
1.	Mrs.D.Umanandhini	Data Mining	July 2016
2.	Mr.P.Ponsekar	Advanced Networking	July 2019

16. Faculty Completed Ph.D

S.No	Name of the Faculty	Area of Research	Date of Registration
	NIL		

17. Faculty who passed NET/SET Examinations

S.No	Name of the Faculty	Examination	Month and Year of Completions
	NIL		

Department Activities

1. Academic Calendar

S.No	Date	Event	Achievements
1	15.09.20 To 19.09.20	Bridge course in Computer Science	Value Added Course on Bridge in Computer Science was attended by the students and faculty members of the Department of Computer Science. The students enthusiastically participated in session. Knowing computer, Making Small Presentation , Understanding Word Processing, Communications and collaboration
2	25.11.20 To 15.12.20	Conducted a value added course on PHP & My SQL	Value Added Courses on “ PHP & My SQL ” conducted by the Resource person it was attended by the students and faculty members of the Department of Computer Science. The speaker explained about table creation and linking with PHP. The students enthusiastically participated in session. Knowing table creation and PHP , Linking

2. Guest Lectures

NIL

3. CSR Activities:

S.No.	Date	Name of the Faculty	Name of the Event / Programme	Venue
		NIL		

4. Workshops

S.No.	Date	Name of the Program	Resource Person
		Nil	

5..Skilled Programme

S.No.	Date	Name of the Program	Resource Person
			NIL

6.Value Based Programme

S.No.	Name of the Program
	NIL

7.Extension Activities

S.No.	Name of the Program
	NIL

8.Faculty Development Programme

Date	Topics and	Resource Person
	NIL	

11. Value added Course

Date	Topics and Resource Person
15.09.20 To 19.09.20	Bridge course in Computer Science
25.11.20 To 15.12.20	Conducted a value added course on PHP & My SQL

12. Job Oriented Course

Date	Topics and Resource Person
25.11.2020 to 15.12.2020	JOC on PHP and MySQL

13. Objectives of the Departments

- To make the students to have a thorough understanding of the basic concepts in the field of CS.
- To arrange for a number of seminars and guest lectures which would enhance the knowledge of students in the recent advances in the field of CS.

- To take the students to industries to make them have first hand knowledge on the application of the software's.
- To train the students in the development of software's for solving certain simple problems.
- To provide training for the development of soft skills so as to make the students employable.

14. Difference between the courses available in the same department

Differences in the curricula of the courses B.Sc. CS, B.Sc. IT, and BCA

Eighteen core papers and two allied papers are common for B.Sc. CS, B.Sc. IT and BCA. The allied 3 and 4 and four skill based subjects and three elective papers are different for each department.

Common core papers are C Programming, Digital Fundamental and Architecture, C Programming Lab, C++ Programming, C++ Lab, Data Structures, JAVA Programming, JAVA Lab, Graphics and Multimedia, Graphics and Multimedia Lab.

Common Allied Papers are Mathematical Structures for Computer Science, Discrete Mathematics.

Allied three and four are common for B.Sc CS, IT and BCA departments. The papers are Computer Based Optimization Techniques and Business Accounting.

Allied three and four for B.Sc Information Technology is Microprocessor and ALP and Embedded Systems.

List of skill based subjects for B.Sc. CS, B.Sc. IT and BCA

Courses	Skill Based Subject 1	Skill Based Subject 2	Skill Based Subject 3	Skill Based Subject 4	Skill Based Subject 5	Skill Based Subject 6
B.Sc. CS	Mathematics for Competitive Examinations -I	Mathematics for Competitive Examinations -II	Mathematics for Competitive Examinations -III	Communication Skills -I	Mathematics for Competitive Examinations -IV	Communication Skills -II
B.Sc. IT	Mathematics for Competitive Examinations -I	Mathematics for Competitive Examinations -II	Mathematics for Competitive Examinations -III	Communication Skills -I	Mathematics for Competitive Examinations -IV	Communication Skills -II
BCA	Mathematics for Competitive Examinations -I	Mathematics for Competitive Examinations -II	Mathematics for Competitive Examinations -III	Communication Skills -I	Mathematics for Competitive Examinations -IV	Communication Skills -II

List of Elective papers for B.Sc. CS, B.Sc. IT and BCA

Courses		Elective I	Elective II	Elective III	Elective IV
B.Sc. CS	A	Data Mining and Data warehousing	E-Commerce	Artificial Intelligence & Expert Systems	Compiler Design
	B	Mobile Computing	Client Server Technology	Software Testing	Android Operating System
	C	Embedded Systems	Software Project Management	Enterprise Resource Planning	Cloud Computing
B.Sc. IT	A	Data Mining and Warehousing	Web Technology and its Applications	Artificial Intelligence and Expert System	Compiler Design
	B	Internet of Things	Inter Networking with TCP/IP	Software Engineering	Mobile Operating System
	C	Enterprise Resource Planning	Software Project Management	Mobile and Wireless Technology	Cloud Computing
BCA	A	Software Engineering	Embedded Systems	Artificial Intelligence and Expert Systems	Compiler Design
	B	Data Mining and Ware Housing	Client Server Technology	Mobile Computing	Mobile Operating System
	C	Computer Graphics	Web Technology and its Applications	Cloud Computing	PHP & MySQL

Students Profile

1.Student Strength

S.No.	No. of Boys	No. of Girls	Total
II M.Sc CS	3	1	4
I M.Sc CS	2	-	2
I B.Sc CS	17	12	29
II B.Sc CS	12	18	27
III B.Sc CS	10	12	22

2.Result Analysis

Class	No of Students Enrolled	Distinction	I Class	II Class	III Class	Percentage of Pass
BSc CS	74	23	31	20	-	100
MSc CS	6	3	6	-	-	100

3.Percentage of Attendance (Odd and Even) - Average

S.No	Class	Attendance Percentage
1.	III B.Sc CS	93%
2.	II B.Sc CS	95%
3.	I B.Sc CS	92%
4.	I M.Sc CS	91%
5.	II M.Sc CS	100%

4.Percentage of Attendance (Odd and Even) - Average

S.No	Class	Male	Female	Total
1.	III B.Sc CS	38%	55%	93%
2.	II B.Sc CS	28%	67%	95%
3.	I B.Sc CS	57%	35%	92%
4.	II M.Sc CS	100%	100%	100%
5.	I M.Sc CS	59%	32%	91%

5.University Rank Holders

Class	Name of the Student	Rank
	NIL	

6.Community wise Students Strength

Class	Total Students	SC	ST	OBC	BC	MBC	Physically Challenged
I M.Sc CS	2	-	-	-	2	-	-
II M.Sc CS	4	-	-	-	4	-	-
I B.Sc CS	29	1	-	2	16	10	-
II B.Sc CS	27	2	-	2	23	-	-
III B.Sc CS	22	2	-	-	20	-	-

7.Management Scholarship

	Class	Name of the Student	No. of Students Benefited	Amount (Rs)
Academic Year 2020-21	III B.Sc CS	G. Meenakshi	01	9000
	II B.Sc CS	Sri Lavanya	01	9000
	I B.Sc CS	Pooja Sri Olivia Ravikumar Gnanaprakash Bhuvaneshwari	04	9000 9000 9000 9000

8.Government Scholarship

Academic Year 2020-21	Class	Name of the Student	No of Students Benefited	Amount (Rs)
	II B.Sc CS	Muthumari.M	01	5500

9.Private Scholarship

Academic Year 2018-19	Class	Name of the Student	No of Students Benefited	Amount (Rs)
	Nil			

10.Enrollment of Students

Enrollment from	Class	No of Students
Same State	I M.Sc CS, II M.Sc CS I, II,III B.Sc CS	74
Other State	I M.Sc CS, I, II,III B.Sc CS	NIL
NRI	I M.Sc CS, I, II,III B.Sc CS	NIL
Foreign	I M.Sc CS, I, II,III B.Sc CS	NIL

11.Drop Outs

Class	Total No of Students	No of Dropped Out Students During Academic Year	Percentage
II M.Sc CS	4	-	100%
I M.Sc CS	2	-	100%
I B.Sc CS	29	02	93%
II B.Sc CS	31	06	81%
III B.Sc CS	28	08	71%

12. Students Pursuing M.Phil

S.No	Department	Name of the Scholar	Area of the Research	Month & Year of Registration	Name of the Guide
1.	Computer Science	Monoj kumar.S	Networking	Nov 2020	Mr.P.Ponsekar

13. Students Completed M.Phil

S.No	Department	Name of the Scholar	Area of the Research	Month & Year of Registration	Name of the Guide
1	Computer Science	Tamizharuvi	Data Mining	Nov2018	D.Umanandhini

14. Students Pursuing Ph.D

S.No	Department	Name of the Scholar	Area of the Research	Month & Year of Registration	Name of the Guide
1.	Computer Science	Mr.P. Ponsekar	Advanced Networking	July-2019	Dr. M. Sengaliappan
2	Computer Science	Mr.B.Karthikeyan	Data Mining	July-2019	Dr. M. Sengaliappan
3	Computer Science	Ms.T.Kavipriya	Data Mining	July-2019	Dr. M. Sengaliappan
4	Computer Science	Mrs.V.Deepa	Digital Image Processing	July-2019	Dr. M. Sengaliappan

15. Students Completed Ph.D

S.No	Department	Name of the Scholar	Area of the Research	Month & Year of Registration	Name of the Guide
		NIL			

16. Presentation of Papers in Seminars/Conferences by Students

S.No	Date	Name of the Student	Title of Papers	Venue
		NIL		

18. Participation in Seminars/Conferences/Events by Students

S.No	Date	Name of the Student	Title of Papers	Venue
		NIL		

18. Publication in Journals by Students

S.No	Name of the Student	Title of the Paper	Name of the Journal	Vol No.	Page No.	Month & Year	ISBN/IS SN No Impact Factor
	NIL						

19. Students Achievements (both inside and outside the campus)

S.No	Date	Name of the Student	Prize	Event	Venue
		NIL			