

KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE
Annual Report For The Academic Year 2020-2021
Department of Mathematics (CA)

1. Faculty Profile

S.No	Name of the Faculty	Designation	Experience		Qualification Approval No
			College	Industries	
1.	Mrs.M.Muthukani	Asst. Professor	7 years 10 Months	-	21145/A3/2014
2.	Ms. P. Kowsalya	Asst. Professor	3 Years 4 Months	-	-
3.	Ms. J. Kalaiselvi	Asst. Professor	3 Years 4 Months	-	-
4.	Mrs.K.Dhanalakshmi	Asst. Professor	2 Years 4 Months	-	-
5.	Ms.R.Lalitha	Asst. Professor	2 Months	-	-
6.	Mr.V.Rajkumar	Asst. Professor	2 Months	-	-
7.	Mrs.M.Sindhu	Asst. Professor	1year 8 Months	-	-

2. Recognized Guides for M.Phil

S.No	Name of the Faculty	Specialization	Guide Recognition No.	No of Scholars	
				Pursuing	Completed
NIL					

3. Recognized Guides for Ph.D

S.No	Name of the Faculty	Specialization	Guide Recognition No.	No of Scholars	
				Pursuing	Completed
NIL					

4. Awards / Recognition received by faculty

S.No	Date	Name of the Faculty	Award	Name of the Event	Name of the Agency/Institution
NIL					

5. Faculty served as resource person

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1.	14.09.2020 – 18.09.2020	All the Staff Members of Mathematics CA	Bridge Course for I Year UG Students	KKCAS
2.	01.07.2020 – 21.07.2020	Ms. J. Kalaiselvi	Value Added Course on “Mathematica”	KKCAS

6. 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						

7. Publication in Journals

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

8. Presentation of Papers in Seminar/Conference

S.No	Date	Name of the Faculty	Title of the paper	Venue
NIL				

9. Participation by Faculty in Seminars / Conference

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1.	2.6.2020	Mrs. M.Sindhu	Health In Numbers	Bannari Amman Institute of Technology
2.	3.6.2020	Mrs. M.Sindhu	Mathematics And Forest Mensuration	Bannari Amman Institute of Technology
3.	4.6.2020	Mrs. M.Sindhu	Nature Inspired Optimization Algorithms	Bannari Amman Institute of Technology
4.	5.6.2020	Mrs. M.Sindhu	Dimensionality reduction and its applications in science through a lens of visual mathematics	Bannari Amman institute of technology
5.	6.6.2020	Mrs. M.Sindhu	Careers in identity and access management	Bannari Amman institute of technology
6.	5/9/2020	Ms.P.Kowsalya Ms. Kalaiselvi J	Lean and Mean	Gandhi Arts and Science College and JCI Sathyamangalam
7.	5/11/2020	Ms.P.Kowsalya Ms. Kalaiselvi J	Assessment and Evaluation in Outcome Based Education	The CoE, GTN Arts College
8.	5/11/2020	Ms.P.Kowsalya Ms. Kalaiselvi J	National level Webinar on "Robots after Covid"	Nilgiri College of Arts and Science
9.	11.03.2021	Ms.P.Kowsalya Ms.J.Kalaiselvi Ms.R.Lalitha Mr.V.Rajkumar Mrs.M.Sindhu	Webinar on "Catalan Number and its Applications"	KKCAS

10. Faculty Development Programmes Attended

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

11. Major Research Projects Sanctioned

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

12. Minor Research Projects Sanctioned

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

13. Monographs by Faculty

S.No	Month & year	Name of the Faculty	Title of the Paper
NIL			

14. Faculty Pursuing M.Phil

S.No	Name of the Faculty	Area of Research	Date of Registration
1.	K.Dhanalakshmi	Optimization Techniques	11.12.2018
2.	R.Lalitha	Topology	11.11.2017

15. Faculty who completed M.Phil

S.No	Name of the Faculty	Area of Research	Month and year of Completion
1.	Ms. P. Kowsalya	Graph Theory	March 2018
2.	Ms. J. Kalaiselvi	Graph Theory	March 2017
3.	Mrs.M.Sindhu	Topology	April 2011

16. Faculty Pursuing Ph.D

S.No	Name of the Faculty	Area of Research	Date of Registration
1.	Ms.M.Muthukani	Numerical Analysis	26.07.2018
2.	Ms. P. Kowsalya	Graph Theory	04.01.2021
3.	Ms. J. Kalaiselvi	Graph Theory	04.01.2021

17. Faculty who completed Ph.D

S.No	Name of the Faculty	Area of Research	Month & and year of Completion
NIL			

Department Activities

1. Academic Calendar

S.No	Date	Event	Achievements
1	01.07.2020 – 21.07.2020	Value Added Course on “Mathematica”	The course guides the student how to work in Mathematica.
2	01.07.2020 – 30.07. 2020	Job Oriented Course on “Web Development”	This course helps the students to enhance their skills.
3	14.09.2020– 18.09.2020	Value Added Course on “Bridge Course in Mathematics”	Students acquired knowledge in Basic Mathematics and how to use scientific Calculator effectively.
4	04.02.2021 – 23.02.2021	Value Added course on “Quantitative Aptitude”	The course was attended by all final year UG Students for a duration of 30 hours. It was an interactive and interesting session.
5	11.03.2021	Webinar on Catalan numbers and its Application	Students gained the knowledge about Catalan numbers of Applied Mathematics

2. Webinars Organized

Date	Topic and Resource Person
11.03.2021	Webinar on Catalan numbers and its Application Dr.J.Shiana, PG Head, Department of Mathematics, VLB Janaki Ammal College of Arts and Science.

3. Guest Lecture

Date	Topic and Resource Person
	NIL

4. Workshops

Date	Topic and Resource Person
	NIL

5. Value Based Programme

Date	Topic and Resource Person
	NIL

6. Soft Skill Development Programme

Date	Topic and Resource Person
	NIL

7. Extension Activities

Date	Name of the Program
	NIL

8. Faculty Development Programmes

Date	Topics and Resource Person
	NIL

9. Value Added Courses

S.No	Date	Activity
1	04.02.2021 to 23.02.2021	Value Added course on “Quantitative Aptitude”

2	14.09.2020– 18.09.2020	Value Added Course on “Bridge Course in Mathematics”
3	01.07.2020 to 21.07.2020	Value Added course on ”Mathematica”

10. Job Oriented Courses

S.No	Date	Activity
1	01.07.2020 – 30.07. 2020	Job Oriented Program on “Web Development”

11. Other Programmes

S.No	Date	Topics and Resource Person
01.	18.01.2021 to 03.02.2021	5 students have attended Infosys soft skill training program organised by Placement Cell.
02.	17.02.2021	III year UG students have attended Off campus placement drive, Mega Job fair and recruitment at Kongunadu College of Arts and Science, Coimbatore
03.	08.03.2021	All the girls students of the department have attended a program on “ Women's Rights” organised by Women Empowerment Cell.
04.	20.03.2021	The faculty members of the department have attended Aveon training program at Lab II.
05.	24.03.2021	The faculty members of the department have attended Ph.D VIVA in Commerce of Mr.G.R.Dinesh Kumar, Part-time Research Scholar, KKCAS.

12. Objectives of the Departments

<ul style="list-style-type: none"> • To conduct Bridge course for all the Non-Mathematics first year UG classes at the beginning of the academic year • To conduct Mathematical Quiz competition on the eve of the Birth Anniversary of the great Mathematician Srinivasa Ramanujam. • To keep the students abreast with the latest trends, seminars will be conducted in a year. • To make the students proficient in Mathematical aptitude training programmes and tests will be conducted for the final year students • To involve the students in Community service as a part of their Social responsibilities

13. Difference between the courses available in the same department

NIL

Students Profile

1. Student Strength

S.No.	No. of Boys	No. of Girls	Total
1	1	10	11

2. Result Analysis

Class	No of Students Enrolled	Distinction	I Class	II Class	III Class	Percentage of Pass
I B.Sc Maths(CA)	-	-	-	-	-	-
II B.Sc Maths(CA)	04					
III B.Sc Maths(CA)	08					

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

S.No	Class	Attendance Percentage
1.	I B.Sc Maths(CA)	-
2.	II B.Sc Maths(CA)	87
3.	III B.Sc Maths(CA)	97

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

S.No	Class	Male	Female	Total
1.	I B.Sc Maths(CA)	-	-	-
2.	II B.Sc Maths(CA)	-	87	87
3.	III B.Sc Maths(CA)	100	96.57	98

5. University Rank Holders

Class	Name of the Student	Rank
NIL		

6. Community wise Students Strength

Class	Total Students	SC	ST	OBC	OC	MBC	DNC	Physically Challenged
I B.Sc Maths(CA)	-	-	-	-	-	-	-	-
II B.Sc Maths(CA)	03	1	-	2	-	-	-	-
III B.Sc Maths(CA)	08	-	-	06	01	01	-	-

7. Management Scholarship

S.No.	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
1.	II B.Sc., Mathematics CA	Dhivya. R	1	7000
2.	II B.Sc., Mathematics CA	Sasikala. R	1	3500
3.	III B.Sc., Mathematics CA	Harshini.R	01	7000
4.	III B.Sc., Mathematics CA	Sindhuja.S	01	7000
5.	III B.Sc., Mathematics CA	Vignesh.D	01	10,500

8. Government Scholarship

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

9. Private Scholarship

S.No	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
1	III B.Sc., Mathematics CA	Haritha N.K	01	5000

10. Placements

S.No	Class	Name of the Student	Name of the Company
1	III B.Sc Maths(CA)	Harshini.R Vignesh.D Priya.S	Sureti IMF Pvt Ltd

2	III B.Sc Maths(CA)	Vignesh.D	Religare Health Insurance Company
3	III B.Sc Maths(CA)	Vignesh.D	Cognizant Technology Solutions

11. Placement Training provided by the department

S.No	Date	Class	Name of the Programme	Resource Person
NIL				

12. Enrollment of Students

Enrollment from	Class	No of Students
Same State	I B.Sc Maths(CA)	-
	II B.Sc Maths(CA)	03
	III B.Sc Maths(CA)	08
Other State	I B.Sc Maths(CA)	NIL
	II B.Sc Maths(CA)	
	III B.Sc Maths(CA)	
NRI	I B.Sc Maths(CA)	NIL
	II B.Sc Maths(CA)	
	III B.Sc Maths(CA)	
Foreign	I B.Sc Maths(CA)	NIL
	II B.Sc Maths(CA)	
	III B.Sc Maths(CA)	

13. Drop Outs

Class	Total No of Students	No of Dropped Out Students During Academic Year	Percentage
I B.Sc Maths(CA)	-	-	-
II B.Sc Maths(CA)	04	1	25%
III B.Sc Maths(CA)	08	-	-

14. Students Pursuing M.Phil

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

15. Students Completed M.Phil

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

16. Students Pursuing Ph.D

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

17. Students Completed Ph.D

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

18. Presentation of Papers in Seminars/Conferences by Students

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

19. Participation in Seminars/Conferences by Students

S. No	Date	Name of the Student	Name of the Programme	Venue
1	02.02.2021	All III third Year Students	Math in "MATLAB"	Karpagam Academy of Higher Education, Department of Mathematics - Online – Google Meet
2.	11.03.2021	All the science stream students	Webinar on "Catalan Number and its Applications"	KKCAS
3	29.06.2020	Veerasubaasini S	You can become a good researcher – Research planning and implementation	Sri Eshwar college of engineering
4	18.08.2020	Veerasubaasini S Dhivya.R	Applicatipons of Statistics	Michael job college of Arts and Science for women
5	01.07.2020		UML diagram	Marwadi University
6	25.06.2020 29.06.2020		Importance of Mathematics in science and technology	GMR Institute of Technology
7	17.06.2020		The power of Mathematics	Annai Violet Arts and Science college
8	04.07.2020		Nano carbon molecules	Perunthalaivar Kamarajar Institute of Engineering and Technology
9	06.07.2020		IOS application development	Marwadi University

20. Publication in Journals by Students

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

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

S.No	Date	Name of the Student	Prize	Event	Venue
1	27.02.2021	Vignesh.D (III B.Sc. Mathematics(CA))	First Prize in Math Quiz	Virtual Inter- Collegiate meet "ZONAZA-2K21"	Karpagam Academy of Higher Education.
2	27.02.2021	Vignesh.D (III B.Sc. Mathematics(CA))	First Prize in Math Sketching	Virtual Inter- Collegiate meet "ZONAZA-2K21"	Karpagam Academy of Higher Education.