

KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE
Annual Report For The Academic Year 2021-2022
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 &HoD	8 years 10 Months	-	21145/A3/2014
2.	Ms. P. Kowsalya	Asst. Professor &Hod i/c	4 Years 5 Months	-	-
3.	Ms. J. Kalaiselvi	Asst. Professor	4 Years 5 Months	-	-
4.	Ms.R.Lalitha	Asst. Professor	3 Years	-	-
5.	Mr.V.Rajkumar	Asst. Professor	2 Years 2 Months	-	-
6.	Mrs.M.Sindhu	Asst. Professor		-	-
7.	Mrs.B.Sindhuja	Asst. Professor			
8.	Ms.R.Janani	Asst. Professor	6 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
NIL				

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
01.	16.09.2021 & 17.09.2021	Ms.P.Kowsalya Ms.J.Kalaiselvi	Radio Coloring for Splitting and Shadow graph of Some graphs	ICETAM 2021, KG College of Arts and Science, Coimbatore.
02.	21.10.2021	Ms.Kalaiselvi J	Radio Coloring for Splitting and Shadow Graph of Star Graph Families	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities, Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore
03.		Ms.P.Kowsalya	Radio Colouring for Mycielski Graph of Some Graphs	
04.	29.10.2021 to 30.10.2021	Ms.Kalaiselvi J	A Note on Radio Coloring of Bistar Graphs	International Virtual Conference on Mathematical and Computational Models – ICMCM21”, Department of Mathematics, Bannari Amman Institute of Technology and Kongunadu Arts and Science College
05.		Ms.P.Kowsalya	Radio Coloring of Star Graphs	
06.	28.01.2022	Ms.P.Kowsalya	On Radio k-Chromatic Number of Star Graph Families	ICCSPAM 2022, Kongunadu Arts and Science College
07.		Ms Kalaiselvi J	On Radio Coloring of Bistar Graph Families	

9. Participation by Faculty in Seminars / Conference

S.No	Date	Name of the Faculty	Name of the Programme	Venue
01.	8.07.2021, 9.07.2021 & 10.07.2021	Ms.P.Kowsalya Ms.J.Kalaiselvi Ms.R.Lalitha Mr.V.Rajkumar Mrs.M.Sindhu	“The art of Living” Organised by Art of living	Dr.S.Sivakumar, Art of Living, Coimbatore.
02.	27.09.2021	Ms.P.Kowsalya Ms.J.Kalaiselvi	One Day Online Workshop on “Bloom’s Taxonomy Based Question Paper Design for Outcome Based Education in Mathematics”	Department of Mathematics in association with IQAC and OBE monitoring council, Ayya Nadar Janaki Ammal College, Sivakasi.
03.	23.09.2021 to 29.09.2021	Ms.R.Lalitha	National Level STTP on Quality Enhancement of Research in HEIs	Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore.

04.	28.01.2022	Ms.P.Kowsalya	International Conference on Current Scenario in Pure and Applied Mathematics	Kongunadu Arts and Science College
05.		Ms Kalaiselvi J		
06.	01.04.2022	Ms.P.Kowsalya	One day Webinar"Concept of Fuzzy Sets and its Applications"	Google Meet
07.		Ms.J.Kalaiselvi		
08.		Ms.R.Janani		

10. Faculty Development Programmes Attended

S.No	Date	Name of the Faculty	Name of the Programme	Venue
01.	18.12.2021	Ms.P.Kowsalya Ms Kalaiselvi J Ms.R..Lalitha	"Outcome Based Education"	Google Meet
02.	22.12.2021	Ms.P.Kowsalya Ms Kalaiselvi J Ms.R..Lalitha Ms.N.Janani	Teacher's Qualities	Seminar Hall,KKCAS
03.	24.12.2021	Ms.P.Kowsalya	"Methods of Measuring Programme and Course Outcomes"	Board Room
04.	14.02.2022 to 21.02.2022	Ms.P.Kowsalya	"NAAC Revised Accreditation Framework"	Google Meet
05.	14.03.2022 to 16.03.2022	Ms Kalaiselvi J	Microsoft Azure AI Fundamentals (Online FDP)	Google Meet
06.	29.03.2022 to 05.03.2022	Ms.P.Kowsalya	7 Days National level FDP on "Quality Enhancement for Teachers in HEI'S"	Google Meet

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
NIL			

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
4.	Ms.R.Lalitha	Topology	
5.	Ms.B.Sindhuja	Topology	
6.	Ms.R.Janani	Topology	March 2021

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
4.	Ms.R.Janani	Topology	01.05.2022

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	23.8.2021 to 06.9.2021	Internship Training Program on LATEX	Mr.AlagupandiAcharya AAKAM Foundation, Coimbatore
2	30.09.2021 to 06.10.2021	Bridge Course in Mathematics (For all First year UG students)	All Faculty Members of Department of Mathematics (CA)
3	13.10.2021	Celebrated Ayutha Poojai	-
4	17.12.2021	Career Opportunities in Mathematics	Dr.S.Santhosh Kumar M.Sc.,MBA.,Ph.D., Assistant Professor(Aided), Department of Mathematics Sri Ramakrishna Mission Vidyalaya College of Arts and Science
5	22.12.2021	Inter Departmental Competition on Remebrance of Birth Anniversy of Srinivasa Ramanujam in Connection with National Mathematics Day	-
6	27.12.2021	Inauguration of Science Stream Associations and a seminar on "Recent Technological Challenges"	Mr.K.Jeeva,Software Engineer,Ascentz Technologies,Coimbatore

2. Webinars Organized

Date	Topic and Resource Person
17.12.2021	Career Opportunities in Mathematics Dr.S.Santhosh Kumar M.Sc.,MBA.,Ph.D., Assistant Professor(Aided), Department of Mathematics Sri Ramakrishna Mission Vidyalaya 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	30.09.2021 to 06.10.2021	Value Added Course “Bridge Course in Mathematics”

10. Job Oriented Courses

S.No	Date	Activity
NIL		

11. Other Programmes

S.No	Date	Topics and Resource Person
01.	08.07.2021 to 10.07.2021	All the students of the department have attended a program on “The art of Living” organised by National Service Scheme.
02.	7.08.2021,14.08.2021 21.08.2021 &28.08.2021	All final year students attended “Employability Enhancement Programme” Conducted by Placement cell.
03.	26.11.2021	III B.Sc Maths (CA)-Pledge for Indian constitution day Read the preamble
04.	10.12.2021	The students of III-B.Sc., Mathematics (CA) participated in tamil Department Competition -KKCAS
05.	24.12.2021	The students of III-B.Sc., Mathematics (CA) participated in National Level Quiz in “Business Environment”
06.	27.12.2021	The students of III-B.Sc., Mathematics (CA) attended Science Stream Association
07.	06.01.2022 & 07.01.2022	III B.Sc., Mathematics(CA) Two days programme on “IBM Skill Edge Programme”
08.	12.01.2022	The students of III-B.Sc., Mathematics (CA) participated in National Youth Day -Pledge
09.	24.01.2022	The students of III-B.Sc., Mathematics (CA) participated in webinar on “Menstrual Health and Hygienic” organised by Women Empowerment cell through Google Meet
10.	25.01.2022	The students of III-B.Sc., Mathematics (CA) participated in National Voters Day -Pledge
	26.01.2022	Online Republic Day Quiz by NSS Unit
11.	05.02.2022	The students of III-B.Sc., Mathematics (CA) participated in Quiz on Union Budget 2022 - 2023
12.	09.02.2022	The students of III-B.Sc., Mathematics (CA) participated in நாட்டு நலப்பணித் திட்டம் -Pledge
13.	18.02.2022	The Students of III B.Sc., Mathematics(CA) attended on campus placement drive –Sprout Knowledge Solutions Private Limited
14.	28.02.2022	The students of III-B.Sc.,Mathematics (CA) participated in இளையோர் செஞ்சலுவை சங்கம்-Pledge
15.	09.03.2022	The Students of III B.Sc., Mathematics(CA) attended on campus placement drive –KGISL
16.	10.03.2022 to 12.03.2022	The students of III B.Sc., Mathematics –Industrial Visit -Kodaikanal
17.	07.04.2022	The Students of III B.Sc., Mathematics(CA) attended Seminar on “Competitive Examinations- New Strategies”
18.	08.04.2022	The Students of III B.Sc., Mathematics(CA) attended on campus placement drive –Sarj Private Limited
19.	11.04.2022	The Students of III B.Sc., Mathematics(CA) attended on campus placement

		drive –HK Online
20.	12.04.2022(FN)	The Students of III B.Sc., Mathematics(CA) attended Seminar on aviation awareness program on Career Guidance
21.	12.04.2022(AN)	The Students of III B.Sc., Mathematics(CA) participated in Mehendi Competition
22.	18.04.2022 (FN)	The Students of III B.Sc., Mathematics(CA) attended “Lighting ceremony and thanks giving day”
23.	18.04.2022 (AN)	The Students of III B.Sc., Mathematics(CA) attended Career development programme on Career Opportunities in Defence Sector

12. Objectives of the Departments

<ol style="list-style-type: none"> To provide deeper knowledge in all disciplines of Mathematics To encourage the students in expanding their Mathematical Skills and ability to work practically in Computer Applications. To recognize and appreciate the connection between theory and application. To create a new learning environment that will encourage the students in mathematical intelligence. To develop the knowledge, skills and aptitude requisite to pursue further studies in Mathematics.

13. Difference between the courses available in the same department

NIL

Students Profile

1. Student Strength

S.No.	Number of Boys	Number of Girls	Total
1	0	03	03

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)	-	-	-	-	-	-
III B.Sc Maths(CA)	04					

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)	-
3.	III B.Sc Maths(CA)	90.16%

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)	-	-	-
3.	III B.Sc Maths(CA)	-	90.16%	90.16%

5. Autonomous Rank Holders

Class	Name of the Student	Rank
III B.Sc., Maths(CA)	Ms.R.Dhivya	I

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)	-	-	-	-	-	-	-	-
III B.Sc Maths(CA)	03	1	-	2	-	-	-	-

7. Management Scholarship

S.No.	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
1.	III B.Sc., Mathematics CA	Dhivya. R	1	14,000
2.	III B.Sc., Mathematics CA	Sasikala. R	1	7000

8. Government Scholarship

Academic Year 2019-20	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	Sasikala. R	01	19,550

10. Placements

S.No	Class	Name of the Student	Name of the Company
1	III B.Sc Maths(CA)	Ms.A.Buela	Vibe Integrated Capital Services Private Limited
2	III B.Sc Maths(CA)	Ms.A.Buela	Sree Kumaran Thangamaligai Groups of Company
3	III B.Sc Maths(CA)	Ms.A.Buela	Sree Kumaran Thangamaligai Groups of Company
4	III B.Sc Maths(CA)	Ms. Dhivya. R	SURETI IMF Private Limited
5	III B.Sc Maths(CA)	Ms.A.Buela & Dhivya. R	HRM next contact services

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)	-
	III B.Sc Maths(CA)	03
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)	-	-	-
III B.Sc Maths(CA)	03	-	-

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	19.09.21	Ms.R.Dhivya Ms.A.Buela &Ms.R.Sasikala	A talk show on "Bridging the Gap between Academia and industry"	CIET ,Coimbatore
2.	24.09.21 to 07.09.21	Ms.R.Dhivya Ms.A.Buela &Ms.R.Sasikala	TCSion Carrer Edge – Young Professional	TCSion

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	21.09.21	R.Dhivya	Online Course-Basic Calculus-1	NPTEL Completed	-
2	7.09.21 & 08.09.21	Ms.R.Dhivya Ms.A.Buela	Online Course – Accounting Fundamentals	TCSion	-
3.	11.02.2022	A. Buela	Drawing Competition , Citizen Consumer Club	Third Prize	KKCAS
4.	13.04.22	R.Dhivya	Best Outgoing Student	Annual Day	KKCAS