

KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE
ANNUAL REPORT FOR THE YEAR 2017-2018

Department of Mathematics (CA)

1. Faculty Profile

S.No	Name of the Faculty	Designation	Experience		Qualification Approval No
			College	Industries	
1.	Mr. B. Panner Selvam	HOD	12 Years	-	15072/A3/2007
2.	Ms. C. Selvi Pavithra	Asst. Professor	6 Years	-	24966/A3/2015
3.	Ms. B. Sindhuja	Asst. Professor	3 Years 6 months	-	26183/A3/2016
4.	Mrs. L. Sowmya	Asst. Professor	3 Years 6 months	-	24967/A3/2015
5.	Mrs. A. Priyadarshini	Asst. Professor	5 Years 6 months	-	24967/A3/2015
6.	Mr. P. Babu Dhivakaran	Asst. Professor	3 Years 6 months	-	24658-2/A3/2016
7.	Ms. N. Sowmya	Asst. Professor	1 Year 11 months 23 days	-	24658-2/A3/2016
8.	Ms. R. Jayasree	Asst. Professor	1 Year 10 months 10 days	-	26183/A3/2016
9.	Mrs. P. Parvathavarthani	Asst. Professor	11 months	-	-
10.	Ms. S. Megala	Asst. Professor	4 months 16 days	-	-
11.	Ms. P. Kowsalya	Asst. Professor	4 months 16 days	-	-
12.	Ms. J. Kalaiselvi	Asst. Professor	4 months 10 days	-	-

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
1.	1.3.2018	Mr. B. Panner Selvam	100% Result in Statics	Annual Day-2018	KKCAS
2.	1.3.2018	Ms. C. Selvi Pavithra	100% Result in Operations Research III, Discrete Mathematics , Operations Research.	Annual Day-2018	KKCAS
3.	1.3.2017	Ms. N. Sowmya	100% Result in Mathematical Statistics I	Annual Day-2018	KKCAS
4.	1.3.2017	Ms. R. Jayasree	100% Result in Numerical Methods and Statistics	Annual Day-2018	KKCAS

5. Faculty served as resource person

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1	26.06.2017 – 30.06.2017	All the faculty members of Mathematics(CA)	Value Added Course on “Bridge Course in Mathematics”	KKCAS
2	10.07.2017 - 28.07.2018	Ms.R.Jayasree	Value Added Course on “Game Theory”	KKCAS
3	16.11.2017	Mr.B.Panneerselvam	Project for Science and Mathematics for the X students of Government Higher Secondary School, Muthipalayam	CIET Seminar Hall
4	11.12.2017 -14.12.2017	All the faculty members of Mathematics(CA)	Aptitude classes for Infosys Placement drive	KKCAS
5	29.12.2017	All the faculty members of Mathematics(CA)	Srinivasa Ramanujam Mathematical Quiz Competition	KKCAS
6	29.01.2018 and 31.01.2018	Mr.B.Panneerselvam	Aptitude classes for final year UG students in connection with TCS Placement drive	KKCAS
7	01.02.2018 - 06.02.2018	Ms.C.Selvi Pavithra Ms.N.Sowmya Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.S.Megala Ms.P.Kowsalya Ms.J.Kalaiselvi	Aptitude classes for final year UG students in connection with TCS and Infosys Placement drive	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	20.02.2018	Ms.C.Selvi Pavithra Ms.R.Jayasree	A One day State level workshop on Cracking NET/SET Exam	VLB Janakiammal College of Arts and Science
2	21.02.2018 and 22.02.2018	Ms.P.Kowsalya Ms.S.Megala	National Seminar on Current and Future Directions in Applied Mathematics	PSGR Krishnammal College for Women

10. Faculty Development Programmes Attended

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1	19.06.2017	All the staff members	Qualities of a Good teacher	KKCAS
2	12.09.2017 to 20.09.2017	Ms.N.Sowmya Ms.R.Jayasree	Global Business Foundation Skills (GBFS)	INFOSYS, MYSORE
3	15.11.2017	Mr.B.Panneerselvam Ms.C.Selvi Pavithra Ms.R.Jayasree	Outcome Based Education and Rubrics	CIET
4	29.11.2017	Mr.B.Panneerselvam	Blooms Taxonomy	CIET
5	30.11.2017	Mr.P.Babu Dhivakaran Ms.N.Sowmya Mrs.P.Parvathavarthani	Quality Aspects in Teaching Learning Process	CIMAT
6	06.12.2017	Mr.B.Panneerselvam Ms.C.Selvi Pavithra Ms.N.Sowmya Ms.R.Jayasree	Hands on training in Outcome Based Education	KKCAS

7	03.4.2018 & 04.4.2018	Mr.B.Panneerselvam Ms.C.Selvi Pavithra Ms.N.Sowmya Ms.R.Jayasree Mrs.P. Parvathavarthani Ms.S.Megala Ms.P.Kowsalya Ms. J. Kalaiselvi	Faculty Development Programme on Outcome Based Education	CIMAT
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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.	Ms. C. Selvi Pavithra	Operation Research	Nov 2016

15. Faculty who completed M.Phil

S.No	Name of the Faculty	Area of Research	Month and year of Completion
1.	Ms. N. Sowmya	Statistics	March 2017
2.	Ms. R. Jayasree	Graph Theory	March 2017
3.	Ms. S. Megala	Graph Theory	March 2018
4.	Ms. P. Kowsalya	Graph Theory	March 2018
5.	Ms. J. Kalaiselvi	Graph Theory	March 2017

16. Faculty Pursuing Ph.D

S.No	Name of the Faculty	Area of Research	Date of Registration
1.	Mr. B. Panner Selvam	Solid Mechanics	27.11.2015

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	26.06.2017 – 30.06.2017	Value Added Course on “Bridge Course in Mathematics”	Students acquired knowledge in Mathematics subject which they going to learn in the semester and how to use scientific Calculator effectively.
2	10.07.2017 - 28.07.2018	Value Added Course on “Game Theory”	This Course was attended by the students of I and II B.Sc -Maths (CA). It was an interactive and interesting session
3	19.07.2017	Guest Lecture on Applied Mathematics and Computing Resource Person: Dr.A.Vinodkumar, Assistant Professor, Amrita School of Engineering, Amrita Vishwa Vidhyapeetham University, Coimbatore.	Guest lecture was useful to gain their knowledge about the real time applications of Mathematics in Science and Technology using modern tools.
4	06.09.2017	Workshop on Robotics Resource Person: Mr.D.Kannan, Associate Software Engineer, SPIRO Solutions Pvt Ltd., Coimbatore.	The workshop was an eye opener for the students to understand about Robotics and its Applications in the various fields
5	29.12.2017	National Mathematics Day celebrations. Srinivasa Ramanujam Mathematical Quiz Competition	More number of students participated in various Department and got prizes. This paved the way the students are creative and learn mathematics subject easily.
6	27.02.2018	National Science Day celebrations Seminar on Astronomy Resource Person: Prof. K.Smiles Mascarenhas Dean, Academic Affairs, CIET	Really the Seminar was useful to students to know interesting facts about Stars, Planets, Galaxies and Astronomers.

2. Seminars Organized

Date	Topic and Resource Person
27.02.2018	Seminar on “Astronomy” in connection with National Science Day celebrations Prof. K.Smiles Mascarenhas Dean, Academic Affairs, CIET

3. Guest Lecture

Date	Topic and Resource Person
19.07.2017	Applied Mathematics and Computing Dr.A.Vinodkumar, Assistant Professor, Amrita School of Engineering, Amrita Vishwa Vidhyapeetham University, Coimbatore.

4. Workshops

Date	Topic and Resource Person
06.09.2017	One Day Workshop on “Robotics” Mr.D.Kannan, Associate Software Engineer, SPIRO Solutions Pvt Ltd., Coimbatore.

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
16.11.2017	Project for Science and Mathematics for the X students of Government Higher Secondary School, Muthipalayam

8. Faculty Development Programmes

Date	Topics and Resource Person
	NIL

9. Value Added Course

S.No	Date	Activity
1	10.07.2017 – 28.07.2017	Value Added Course on “Game Theory”
2	26.06.2017 – 30.06.2017	Value Added Course on “Bridge Course in Mathematics”

10. Other Programmes

Date	Topics and Resource Person
23.06.2017	Inauguration of Bridge Course for Non-Mathematics students of I year UG Classes by Dr.N.Mala, Principal, KKCAS
19.07.2017	Inauguration of Mathematics Association “MAZE – 2017” and Guest Lecture on “Applied Mathematics and Computing” by Dr.A.Vinodkumar, Assistant Professor, Amrita School of Engineering, Amrita Vishwa Vidhyapeetham University, Coimbatore.
28.08.2017 – 30.08.2017	Online Aptitude test for the students of III year UG classes by all the faculty members
11.12.2017– 14.12.2017	Aptitude classes for Infosys Placement drive by all the faculty members
29.12.2017	Srinivasa Ramanujam Mathematical Quiz Competition by all the faculty members
29.01.2018 and 31.01.2018	Aptitude classes for final year UG students in connection with TCS Placement drive by Mr.B.Panneerselvam, Head of the Department
01.02.2018 – 06.02.2018	Aptitude classes for final year UG students in connection with TCS and Infosys Placement drive by all the faculty members

11. Objectives of the Departments

<ul style="list-style-type: none">• To conduct Bridge course for all the Non-Mathematics of first year UG 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, atleast two seminars will be conducted in a year.• To make the students proficient in Mathematical aptitude at least two training programmes and tests will be conducted for the final year students in a year.• To involve the students in atleast one Community service every year.

12. 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	14	40	54

2. Result Analysis

Class	No of Students Enrolled	Distinction	I Class	II Class	III Class	Percentage of Pass
I B.Sc Maths(CA)	14	3	6	5	-	85.71%
II B.Sc Maths(CA)	15	10	4	1	-	100%
III B.Sc Maths(CA)	25	4	8	-	13	48%

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

S.No	Class	Attendance Percentage
1.	I B.Sc Maths(CA)	92%
2.	II B.Sc Maths(CA)	87%
3.	III B.Sc Maths(CA)	89%

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

S.No	Class	Male	Female	Total
1.	I B.Sc Maths(CA)	90%	93%	92%
2.	II B.Sc Maths(CA)	82%	92%	87%
3.	III B.Sc Maths(CA)	87%	91%	89%

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)	14	3	1	6	-	4	-	-
II B.Sc Maths(CA)	15	01	-	09	-	05	1	-
III B.Sc Maths(CA)	25	02	-	12	01	11	-	-

7. Management Scholarship

Academic Year	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
2017-18	II B.Sc Maths(CA)	D.Kavitha	01	6,000

8. Government Scholarship

Academic Year 2017-18	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
2017 - 2018	I B.Sc Maths(CA)	Jeevitha. R Sathya. V Umamageshwari. S	03	Yet to be Sanctioned
2017 - 2018	III B.Sc Maths(CA)	Sangeetha. V	01	6400 (Not Sanctioned)

9. Private Scholarship

Academic Year 2017-2018	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
NIL				

10. Placements

S.No	Class	Name of the Student	Name of the Company
1	11.08.2017	K.M.Bhuvaneshwari, S.Sudhalakshmi, C.Sakthivel,C.Nandhini & R.Deepalatha III B.Sc., Maths (CA)	IDBI Federal Life Insurance
2	14.12.2017	K.M.Bhuvaneshwari B.Bowthika B.Gayathri J.Muppudathi @Divya C.Nandhini G.Ranganayaki S.Unnimaya	Winner's Education
3	18.12.2017	B.Gayathri	ILM
4	27.12.2017	K.M.Bhuvaneshwari B.Bowthika B.Gayathri R.Harikrishna C.Nandhini G.Ranganayaki C.Sakthivel R.Sowmya S.Sudhalakshmi S.Unnimaya	IDBI Federal Life Insurance
5	08.01.2018	K.Dhanushya R.Gayathri T.Jenita C.Nandhini R.Sowmya S.Sudhalakshmi S.Unnimaya	Future Generali Life Insurance Solutions
6	19.01.2018	R.Gayathri	Zalaris

7	30.01.2018	P. Pandi C. Nandhini R. Hari Krishna C. Sakthivel S. Jagadeesh	TVS
8	09.02.2018	K.Dhanushya, G.Ranganayaki S.Unnimaya	TCS (Yet)
9	07.03.2018	R. Harikrishna	Flipkart

11. Placement Training provided by the department

S.No	Date	Class	Name of the Programme	Resource Person
1	11.12.2017– 14.12.2017	III B.Sc Maths(CA)	Aptitude classes for Infosys Placement drive	All the faculty members
2	29.01.2018 and 31.01.2018	All UG Final Year Students	Aptitude classes in connection with TCS Placement drive	Mr.B.Panneerselvam, Head of the Department
3	01.02.2018 – 06.02.2018	All UG Final Year Students	Aptitude classes in connection with TCS and Infosys Placement drive	Ms.C.Selvi Pavithra Ms.N.Sowmya Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.S.Megala Ms.P.Kowsalya Ms.J.Kalaiselvi

12.Enrollment of Students

Enrollment from	Class	No of Students
Same State	I B.Sc Maths(CA)	14
	II B.Sc Maths(CA)	15
	III B.Sc Maths(CA)	25
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)	14	-	-
II B.Sc Maths(CA)	15	-	-
III B.Sc Maths(CA)	25	-	-

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.	13.07.2017	Girls students of B.Sc., Mathematics(CA)	Seminar organised by Women Empowerment Cell	CIMAT Auditorium
2.	27.07.2017	Students of I B.Sc., Maths(CA)	Seminar on the topic "Neengalum Aagalam Kalam"	CIMAT Auditorium

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	10.08.2017	C.Sakthivel & S.Jagadeesh III B.Sc., Maths(CA)	Second place	“Fun with Math” in the Inter College Meet “Mazetics-2017”	Hindusthan College of Arts and Science
2	10.08.2017	P.J. Eswari & K. Vijayalakshmi II B.Sc., Maths(CA)	Third place	“Math Quiz” in the Inter College Meet “Mazetics-2017”	Hindusthan College of Arts and Science
3	18.08.2017	C.Sakthivel & S.Jagadeesh III B.Sc., Maths(CA)	Second place	Personality Identification in the Inter Department Competition conducted by Department of Commerce (CA)	CIMAT Auditorium
5	22.08.2017	V.Pavithra II B.Sc., Maths(CA)	Second place	Essay writing Competition on the topic “Population and its effect” in connection with World Population Day	CIMAT Auditorium
6.	20.01.2018	T.Jenita III Maths (CA)	First Place	“Solo singing” in the Interdepartmental Cultural Competition organised by Fine Arts Club	CIMAT Auditorium
7.	20.01.2018	T.Jenita III Maths (CA)	First Place	“Solo Dance” in the Interdepartmental Cultural Competition organised by Fine Arts Club	CIMAT Auditorium
8.	14.02.2018	C. Chandru Kumar (II Maths (CA))	Third place	The exhibition “CARVE 2018” organised by Department of Commerce	KKCAS
9.	14.02.2018	III Maths (CA) 1.R.Hari Krishna I Maths (CA) 2.S.Rishiragul 3.K.Selva Kumar	Fourth place	The exhibition “CARVE 2018” organised by Department of Commerce	KKCAS
10.	14.02.2018	I Maths (CA) 1. N.Bala Kumar 2. M.Karthikeyan 3. S.Yogesh Kumar	Fifth place	The exhibition “CARVE 2018” organised by Department of Commerce	KKCAS

11.	22.02.2018	T.Jenita (III Maths (CA))	First place	“Solo Singing” competition in the event “NICE 2018”	Nehru Institute of Engineering and Technology
12.	28.02.2018	C.Padmapriya (III Maths (CA))	Third place	Short put	KKCAS
13.	28.02.2018	1.S.Suresh Barathi (III Maths (CA)) 2.C.Chandru Kumar (II Maths (CA))	Winners	Volley Ball	KKCAS
14.	28.02.2018	T.Jenita (III Maths (CA))	Second place	400 Mts running	KKCAS
15.	28.02.2018	T.Jenita (III Maths (CA))	Third place	200 Mts running	KKCAS
16	28.02.2018	III Maths(CA) 1.R.Deepalatha 2.V.Sangeetha 3.T.Jenita 4.C.Padmapriya 5.K.Renukadevi 6.J.Muppudathi @ Divya I Maths (CA) 1.B.Sugithra	Runners	Throw ball	KKCAS
17	28.02.2018	1.S.Suresh Barathi (III Maths (CA)) 2.C.Chandru Kumar (II Maths (CA))	Runners	Kabadi	KKCAS