

KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE
ANNUAL REPORT FOR THE YEAR 2018-2019

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	5 years 9 Months	-	21145/A3/2014
2.	Ms.C.Selvi Pavithra	Asst. Professor	6 Years 6 Months	-	24966/A3/2015
3.	Ms.R.Jayasree	Asst. Professor	2 Years 4 Months	-	26183/A3/2016
4.	Mrs. P. Parvathavarthani	Asst. Professor	1 Year 10 Months	-	-
5.	Ms. S. Megala	Asst. Professor	1 Year 4 Months	-	-
6.	Ms. P. Kowsalya	Asst. Professor	1 Year 4 Months	-	-
7.	Ms. J. Kalaiselvi	Asst. Professor	1 Year 4 Months	-	-
8.	Ms.K.Dhanalakshmi	Asst. Professor	11 Months	-	-
9.	Ms.S.Kokila	Asst. Professor	11 Months	-	-
10.	Ms.M.S.Kayalvizhy	Asst. Professor	5 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
1.	15.03.2018	Mrs.M.Muthukani	100 % Result Optimization Techniques - I	Valedictory Function - 2019	KKCAS
2.	15.03.2018	Mrs. P. Parvathavarthani	100 % Result Statics,Discrete Mathematics	Valedictory Function - 2019	KKCAS
3.	15.03.2018	Ms. S. Megala	100% Result Numerical Methods And Statistics	Valedictory Function - 2019	KKCAS
4.	15.03.2018	Ms. P. Kowsalya	100 % Result Mathematical Statistics -I ,Business Mathematics	Valedictory Function - 2019	KKCAS

5. Faculty served as resource person

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1.	26.06.2018 – 02.07.2018	All the Staff Members of Mathematics(CA)	Bridge Course for I Year UG Students	KKCAS
2.	26.11.2018	Mrs.P.Parvathavarthani Ms.J.Kalaiselvi	Extension Activity – Conducted Mathematics model exam for 12 th standard students at Government Higher Secondary School, Ganapathy.	Government Higher Secondary School, Ganapathy.
3.	30.11.2018	Mrs.P.Parvathavarthani Ms.J.Kalaiselvi Ms.K.Dhanalakshmi Ms.S.Kokila	TCS Affirmative Action Training Programme	KKCAS
4.	17.12.2018	Ms.P.Kowsalya Ms.S.Megala Ms.K.Dhanalakshmi Ms.S.Kokila	Aptitude classes for Infosys Placement drive	CIMAT
5.	19.12.2018	All the faculty members of Mathematics(CA)	Srinivasa Ramanujam Mathematical Quiz Competition	CIMAT
6.	05.01.2019	Ms.P.Kowsalya Ms.S.Megala Ms.S.Kokila Ms. M.S. Kayalvizhy	Aptitude classes for TCS Placement drive	CIMAT
7	02.01.2019 – 25.01.2019	Ms.P.Kowsalya	Value Based Education on “SPSS”	KKCAS
8	06.02.2019 - 26.02.2019	All the faculty members of Mathematics(CA)	Value Based Education on “Quantitative Aptitude”	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
1	06.10.2018	Ms.M.Muthukani	A Study on NANO SSP satellite using Astrodynamics	KG College of Arts and Science

9. Participation by Faculty in Seminars / Conference

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1	16.08.2018 to 17.08.2018	Ms.C.Selvi Pavithra Ms.R.Jayasree	State Level Workshop on CSIR NET Mathematics	Kamadenu Arts and Sciecn College, Sathyamangalam,Erode
2.	14.12.2018	Ms.P.Kowsalya Ms.J.Kalaiselvi	National Level Seminar on Current Scenario of Applied Mathematics	Karpagam Academi of Higher Education
3.	09.01.2019	Ms.K.Dhanalakshmi Ms.S.Kokila	National Seminar on “ Modern Mathematical Science & its Applications”	Shri Nehru Maha Vidyalaya
4.	21.02.2019	Ms.S.Megala Ms.P.Kowsalya	National Seminar on “ Recent trends in Graph Theory (RTGT-2019)”	Nirmala college for women

10. Faculty Development Programmes Attended

S.No	Date	Name of the Faculty	Name of the Programme	Venue
1	02.06.2018	Ms.M.Muthukani Ms.C.Selvi Pavithra Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.P.Kowsalya Ms.S.Megala Ms.J.Kalaiselvi Ms.K.Dhanalakshmi Ms.S.Kokila	NAAC Orientation Programme	KKCAS
2	30.06.2018	Ms.M.Muthukani Ms.C.Selvi Pavithra Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.P.Kowsalya Ms.S.Megala Ms.J.Kalaiselvi Ms.K.Dhanalakshmi Ms.S.Kokila	Developing Effective Communication Skill	KKCAS
3	31.07.2018	Ms.C.Selvi Pavithra Ms.R.Jayasree	Empowering Teachers to Prepare Professionals of Tomorrow – ICSI Vision 2022	PSG College arts and science
4	15.09.2018 (FN)	Ms.M.Muthukani Ms.C.Selvi Pavithra Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.P.Kowsalya Ms.S.Megala Ms.J.Kalaiselvi Ms.K.Dhanalakshmi	Internet of Things	Seminar Hall
5	15.09.2018 (AN)	Ms.M.Muthukani Ms.C.Selvi Pavithra Ms.R.Jayasree Mrs.P.Parvathavarthani Ms.P.Kowsalya Ms.S.Megala Ms.J.Kalaiselvi Ms.K.Dhanalakshmi	Information Technology	CIET Seminar Hall
6	20.11.2018 - 28.11.2018	Ms.P.Kowsalya Ms.S.Megala	Global Business Foundation Skills	Infosys ,Chennai

7	21.02.2019	Mrs.P.Parvathavarthani Ms.S.Megala Ms.P.Kowsalya Ms.J.Kalaiselvi Ms.K.Dhanalakshmi Ms.S.Kokila Ms. M.S. Kayalvizhy	Awareness Program “Ortho Related Problems & Their cure”	KKCAS ,Seminar Hall
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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.	K.Dhanalakshmi	Optimization Techniques	11.12.2018

15. Faculty who completed M.Phil

S.No	Name of the Faculty	Area of Research	Month and year of Completion
1.	Ms. R. Jayasree	Graph Theory	March 2017
2.	Ms. S. Megala	Graph Theory	March 2018
3.	Ms. P. Kowsalya	Graph Theory	March 2018
4.	Ms. J. Kalaiselvi	Graph Theory	March 2017
5.	Ms.S.Kokila	Graph Theory	March 2018
6.	Ms. M.S. Kayalvizhy	Topology	March 2019

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

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	26.06.2018 – 02.07.2018	Value Added Course on “Bridge Course in Mathematics”	Students acquired knowledge in Basic Mathematics and how to use scientific Calculator effectively.
2	23.08.2018	Inauguration of Mathematics Association “Maze – 2018” and Guest Lecture on “Application of Operations Research”	Students gained the knowledge about operations research and research area on that field
3	06.09.2018	Workshop on “INFORMATION SECURITY”	Students acquired the knowledge of Information Technology
4	25.09.2018	Workshop on “ MATLAB ”	The workshop guide the student how to work in Matlab.
5	26.11.2018	Extension Activity – Conducted Mathematics model exam for 12 th standard students at Government Higher Secondary School, Ganapathy.	Students got more confidence for their public examinations.
6	19.12.2018	Srinivasa Ramanujam Mathematical Quiz Competition	Students got more interested on Mathematics and learned funniest part of Mathematics, the students from various departments also participated.
7	02.01.2019 – 25.01.2019	Value Added Course on “SPSS”	This was attended by the students of I, II and III B.Sc –Mathematics (CA) . It was an interactive and interesting session
8	11.01.2019	Celebrated Pongal in Sri Sowdeswari Vidyalyaya Model Matriculation Higher Secondary School	Students enjoyed the pongal celebration and understand the value of pongal celebration.
9	06.02.2019 – 26.02.2019	Value Added Course on “Quantitative Aptitude”	The course was attended by the students of III B.Sc –Mathematics (CA) for a duration of 30 hours. It was an interactive and interesting session.
10	22.02.2019	Intra Department Competition “SCIENTIA-2019”	More number of students participated in various Department and got pricess. This paved the way the students are creative and learn science subject easily.

2. Seminars Organized

Date	Topic and Resource Person
	NIL

3. Guest Lecture

Date	Topic and Resource Person
23.08.2018	Guest Lecture on “Application of Operations Research” Dr.A.Sahaya Sudha, Assistant Professor, Department of Mathematics, Nirmala College for Women, Coimbatore.

4. Workshops

Date	Topic and Resource Person
06.09.2018	Workshop on“INFORMATION SECURITY” Mr.M.Muthukumar, Head of the Division Ardra Inter- Tech, Aaruthal Foundation Coimbatore.
25.09.2018	Workshop on “ MATLAB ” Ms.R.Vashutharini M.Sc.,PGDHRM,M.Phil., Lecturer PSG Polytechnic College

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
26.11.2018	Conducted Mathematics model exam for 12 th standard students at Government Higher Secondary School, Ganapathy.

8. Faculty Development Programmes

Date	Topics and Resource Person
NIL	

9. Value Added Courses

S.No	Date	Activity
1	06.02.2019 – 26.02.2019	Value Added Course on “Quantitative Aptitude”
2	02.01.2019 – 25.01.2019	Value Added Course on “SPSS”
3	26.06.2018 – 02.07.2018	Value Added Course on “Bridge Course in Mathematics”

10. Other Programmes

Date	Topics and Resource Person
30.11.2018	TCS Affirmative Action Training Programme
17.12.2018	Aptitude classes for Infosys Placement drive
05.01.2019	Aptitude classes for TCS Placement drive
11.01.2019	Celebrated Pongal in Sri Sowdeswari Vidyalaya Model Matriculation Higher Secondary School

11. 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

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	10	27	37

2. Result Analysis

Class	No of Students Enrolled	Distinction	I Class	II Class	III Class	Percentage of Pass
I B.Sc Maths(CA)	08	4	3	-	-	88%
II B.Sc Maths(CA)	14	4	5	5	-	93%
III B.Sc Maths(CA)	15	7	7	-	-	93%

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

S.No	Class	Attendance Percentage
1.	I B.Sc Maths(CA)	98%
2.	II B.Sc Maths(CA)	90%
3.	III B.Sc Maths(CA)	91%

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

S.No	Class	Male	Female	Total
1.	I B.Sc Maths(CA)	100%	96%	98%
2.	II B.Sc Maths(CA)	89%	90%	90%
3.	III B.Sc Maths(CA)	89%	92%	91%

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)	8	-	-	6	1	1	-	-
II B.Sc Maths(CA)	14	3	1	6	-	4	-	-
III B.Sc Maths(CA)	15	01	-	09	-	04	1	-

7. Management Scholarship

S.No.	Class	Name of the Student	No of Students Benefitted	Amount (Rs)
1.	III B.Sc, Maths (CA)	D.Kavitha	01	12000
2.	III B.Sc, Maths (CA)	M.Gowthami	01	2800

3.	III B.Sc, Maths (CA)	K.Vijayalakshmi	01	12000
4.	I B.Sc, Maths (CA)	D.Vignesh	01	21000
5.	I B.Sc, Maths (CA)	S.Harshini	01	7000
6.	I B.Sc, Maths (CA)	N.K.Haritha.	01	10500
7.	I B.Sc, Maths (CA)	Sindhuja	01	7000
8.	I B.Sc, Maths (CA)	S.Priya	01	7000
9.	I B.Sc, Maths (CA)	G.Jayasudha	01	10500

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 Maths(CA)	Pavithra.V	01	24,000

10. Placements

S.No	Class	Name of the Student	Name of the Company
1	III B.Sc Maths(CA)	Gowthami.M	Alpha Academy of English
2	III B.Sc Maths(CA)	Raguram.S	Alpha Academy of English
3	III B.Sc Maths(CA)	Gowthami.M Raguram.S Preethika.K Eswari.PJ Barath.G	Winners Institute of Communicative English
4	III B.Sc Maths(CA)	Barath.G Aishwarya.R Chandru Kumar.C Eswari.PJ Gowthami.M Hema.M Vijayalakshmi.K Raguram.S Ramasamy.M	IDBI Federal Life Insurance Co Ltd
5	III B.Sc Maths(CA)	Eswari.PJ Vijayalakshmi.K Preethika.K Aishwarya.R Hema.M	Focus Edumatics
6	III B.Sc Maths(CA)	Hema.M	Tech ITQQ soft
7	III B.Sc Maths(CA)	Raguram.S	CTS
8	III B.Sc Maths(CA)	Gowthami.M	Infosys – BPM
9	III B.Sc Maths(CA)	Raguram.S Barath.G	TCS
10	III B.Sc Maths(CA)	Raguram.S Barath.G	Edu virtuoso
11	III B.Sc Maths(CA)	Raguram.S Gowthami.M Hema.M Preethika.K	ILM
12	III B.Sc Maths(CA)	Hema.M Preethika.K	Future Generali Insurance Company

		Aishwarya.R Eswari.PJ	
13	III B.Sc Maths(CA)	Raguram.S	ICICI
14	III B.Sc Maths(CA)	Eswari.PJ Nadhiya.P Jayaprabha.N Chandrukumar.C Kavitha.D	CIGNA TTK Health insurance

11. Placement Training provided by the department

S.No	Date	Class	Name of the Programme	Resource Person
1	30.11.2018	All Third year students	TCS Affirmative Action Training Programme	Mrs.P.Parvathavarthani Ms.J.Kalaiselvi Ms.K.Dhanalakshmi Ms.S.Kokila
2	17.12.2018	All Third year students	Aptitude classes for Infosys Placement drive	Ms.P.Kowsalya Ms.S.Megala Ms.K.Dhanalakshmi Ms.S.Kokila
3	05.01.2019	All Third year students	Aptitude classes for TCS Placement drive	Ms.P.Kowsalya Ms.S.Megala Ms.S.Kokila Ms. M.S. Kayalvizhy

12. Enrollment of Students

Enrollment from	Class	No of Students
Same State	I B.Sc Maths(CA)	08
	II B.Sc Maths(CA)	14
	III B.Sc Maths(CA)	15
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)	08	-	-
II B.Sc Maths(CA)	14	-	-
III B.Sc Maths(CA)	15	-	-

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	06.07.2018	B.Sugithra	17 th International Tamil Internet Conference	Tamil Nadu Agricultural University
2	31.08.2018	D.Kavitha S.Raguram K.Vijayalakshmi	International Workshop on Robotics	Coimbatore Institute of Technology
3	26.12.2018	D.Kavitha K.Vijayalakshmi K.Kavya	A State Level Seminar on Indian Mathematics and its Industrial Applications	PSGR Krishnammal College for Women

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	29.08.2018 to 31.08.2018	K. Vijayalakshmi (III B.Sc. Mathematics (CA))	Secured First place	Poet competition	KKCAS organised by Department of Tamil
2	29.08.2018 to 31.08.2018	K. Vijayalakshmi (III B.Sc. Mathematics (CA))	Secured First Second place	Essay writing	KKCAS organised by Department of Tamil
3	29.08.2018 to 31.08.2018	K. Vijayalakshmi (III B.Sc. Mathematics (CA))	Secured Second place	Drawing Competition	KKCAS organised by Department of Tamil
5	12.12.2018	K. Vijayalakshmi - III B.Sc. Maths (CA) V.Nagamani – I B.Sc. Maths (CA) S.Subasini – I B.Sc. Maths (CA)	Third	MATH RANJWLY - Math RangolMATH RANJWLY - Math Rangoli	Hindusthan College of Arts and Science
6.	22.02.2019	Eswari.PJ Kavya.K Kavitha.D Pavithra.V – III B.Sc Maths(CA)	III Prize	Connection	KKCAS Seminar hall
7.	22.02.2019	Raguram.S Barath.G Chandrukumar.C Ramasamy.M – III B.Sc Maths(CA)	III Prize	Short film	KKCAS Seminar Hall.
8.	22.02.2019	Meenakshi.K Selvakumar.K – II B.Sc Maths(CA)	II Prize	Quiz	CIMAT Auditorium
9.	22.02.2019	Harshini.R Vignesh.D – I B.Sc Maths(CA)	III prize	Quiz	CIMAT Auditorium
10.	25.02.2019	Pavithra.V Kavya.K Raguram.S Barath.G - III B.Sc Maths(CA)	II Prize	Best Buddy	KKCAS Seminar Hall.
11.	25.02.2019	Raguram.S Hema.M- III B.Sc Maths(CA)	II prize	Management puzzle Best sales person	KKCAS Seminar Hall.
12.	25.02.2019	Chandrukumar.C Barath.G -III B.Sc Maths(CA)	I prize	Management Puzzle	KKCAS Seminar Hall

13.	13.03.2019	Haritha N.K& Vignesh.D Sharmila.N & Navaneetha .S	-	Pick once brain	Kongunadu College of Arts and Science
		Sharmila.N & Navaneetha .S	Runner	Quiz	
		Sharmila.N & Veerasubaasini . S	-	Maths Connection	
14	13.03.2019	M.Hema, K. Preethika, K. Vijaylakshmi III B.Sc Maths (CA) Nagamani. V I B. Sc Maths (CA)	Winners	Volley Ball	KKCAS
		M.Hema, K. Preethika, K. Vijaylakshmi III B.Sc Maths (CA) Nagamani. V I B. Sc Maths (CA)	Runners	Throw Ball	
		M.Hema, K. Preethika, K. Vijaylakshmi III B.Sc Maths (CA) Nagamani. V I B. Sc Maths (CA)	Winner	Foot Ball	
		K. Preethika, III B.Sc Maths (CA) Nagamani. V I B. Sc Maths (CA)	Winner	4 x 100 mtr Relay	
		M.Hema, K. Preethika, III B.Sc Maths (CA)	Winner	Carrom	
		G. Barath, S. Raguram, M. Ramasamy, C. Chandrukumar III B.Sc Maths (CA)	Runner	Basket Ball	
		G. Barath, S. Raguram, M. Ramasamy, C. Chandrukumar III B.Sc Maths (CA)	Runners	Cricket	
15	15.03.2019	D.Vignesh I B.Sc Maths (CA)	Proficiency & 100% Attendance	Valedictory Function	
		R.Harshini I B Sc Maths (CA)	100% Attendance		
		B.Sugithra II B Sc Maths (CA)	Proficiency		
		K.Preethika III B Sc Maths(CA)	Proficiency &Endowment		