

**DEPARTMENT OF MATHEMATICS**  
**Rani Anna Government College for Women**  
 (Accredited with NAAC A grade with a CGPA of 3.12 out of 4 in the third cycle)  
 Tirunelveli – 627008



# NEWS LETTER

## 2019 -2020

### About the Department

The Department of Mathematics has started its journey in the year 1999 with the UG course in Mathematics and extended its service by the introduction of shift II from 2006 onwards to accommodate more number of students in the Mathematics stream. The PG course of Mathematics was introduced in the year 2013 and was upgraded as research centre in 2017.

The department has well equipped library, internet facilities and fully qualified staff members catering to the needs of the students. The Department gives prime importance to nurture the research attitude of our students.

The department has admitted 99 students in UG (Shift I & Shift II) and 25 students in PG every year. The admission process is purely merit based, according to the guidelines of the Government of Tamil Nadu.

<b>Teaching Staff</b>		
<b>Name</b>	<b>Designation</b>	<b>Area of Specialization</b>
Dr. D. Premalatha	Associate professor	Algebraic Graph Theory
Dr.A.Vethamanickam	Associate professor	Algebra
Dr.S. Santha	Assistant Professor	Stochastic Processes
Mrs.T.A. Sherley Thankam	Assistant Professor	Graph Theory
Dr. R. Umamaheswari	Assistant Professor	Graph Theory
Dr. P. Arul Paul Sudhahar	Assistant Professor	Graph Theory
Dr. M Anitha	Assistant Professor	Topology
Dr. M. Deva Saroja	Assistant Professor	Graph Theory
Dr. R. Jamuna Rani	Assistant Professor	Topology
Dr. A. R. Agnes Porselvi	Assistant Professor	Algebra
Mrs. M. Anees Fathima	Assistant Professor	Topology
Mrs. R. Uma Mageshwari	Guest Lecturer	Topology
Mrs. S. Subbulakshmi	Guest Lecturer	Topology
Mrs. R. ChitraLekha	Guest Lecturer	Topology
Dr. S. Subbulakshmi	Guest Lecturer	Differential & Analytic Varieties
Dr. N. Revathi	Guest Lecturer	Topology

### Student Details

Academic Year	Course	Year	OC	BC	BCM	MBC	SC	ST	Total	Physically Challenged
2019-2020	UG(S - I) EM	I	-	15	2	8	7	-	32	-
		II	2	13	1	8	6	-	30	-
		III	2	16	1	6	7	-	32	-
	UG (S - I) TM	I	2	14	1	10	7	-	34	-
		II	2	14	1	8	5	-	30	-
		III	-	18	4	4	6	-	32	-
	UG (S - II) TM	I	0	18	2	6	7	0	33	0
		II	1	15	1	8	9	0	34	1
		III	2	19	1	6	6	0	34	0
	PG	I	-	14	2	5	4	-	25	1
		II	2	10	2	6	4	-	24	-

### Student Scholarship

Academic Year	Course	BC	SC	Bheedi	Physically Challenged	Tamil Medium Fund	Others Specify MBC, Uzhavar
2019-2020	UG (S-I) EM	18	14	9	-	-	14,5
	UG (S-I) TM	15	16	12		96	16,6
	UG (S-II) TM	17	18	9	0	96	7,4
	PG	13	3	0	1	-	9,0

### University Rank Holders

Name of the Student	UG / PG	Year	Position
M.SUBATHRA	UG	2019 – 2020	9 <sup>th</sup> Rank in Part I Tamil
S.SATHIYABAMA	UG	2019 – 2020	5 <sup>th</sup> Rank in Part II English
C.MUTHUKARTHIKA	UG	2019 - 2020	6 <sup>th</sup> Rank in Part II English
S.KAUSALYA	PG	2019 – 2020	7 <sup>th</sup> Rank in Mathematics
S.UCHIMAKALI	PG	2019 – 2020	10 <sup>th</sup> Rank in Mathematics

### Students Progression

Academic Year	Course	Number of students appeared for final examination	Number of students passed	Percentage against enrolled	Number of students with 60% and above
2019-2020	UG (S-I) EM	32	32	100%	32
	UG (S-I) TM	32	31	96.8%	31
	UG (S-II) TM	34	33	97.1%	33
	PG	25	25	100%	25

### Student participation in Seminars/ Conferences/Workshops (outside campus)

Name of the student	Title	Organised by	Date	National International
E. Esakkiammal Sankari(Regd.No. 201711171517304)	Nellai Book Exhibition- Awareness ContinuousBook reading	Tamil Valarchi Panbaatu Maiyam	10.02.2020	District Level

### Students Activities

S. No	NAME OF THE STUDENT	CLASS	EVENT	VENUE	DATE	REMARK
1	M.Divya	II-B.Sc Maths (T.M) (Shift-I)	Elcouation	St. Xavier College, Palayamkottai.	05.07.2019	
2	M.Divya	II-B.Sc Maths (T.M) (Shift-I)	Elcouation	Kamaraj College, Thoothukudi.	15.07.2019	First prize

### Association Meeting



On 16.10.2019, Dr.K. Alli, Assistant Professor M.D.T. College Tirunelveli. gave a fruitful lecture on "Some kind of Opensets in Topological spaces"

### Extension Activity (Out Reach Programme)



On 15.02.2020, 62 students alongwith two staff members visited ' Children Home' , Palayapettai, Tirunelveli. Students distributed sweets,towels and played games with them.



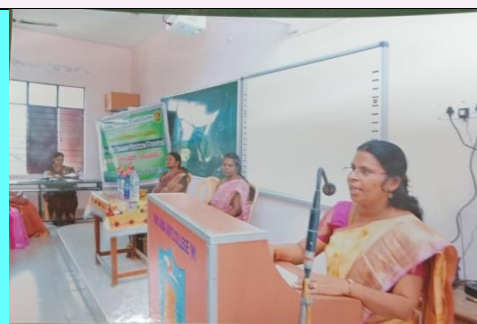
## National Seminar



On 27.01.2020, The PG and Research Department of mathematics conducted a 'National Conference on Recent Trends in Algebra and Topology' in the college Auditorium. Dr.A.Vethamanickam, Associate Professor and Dr.P.Arul Paul Sudhakar, Assistant Professor of the department organized the conference.



Our department staff member, Mrs.M. Anees Fathima received the best paper award on 20.1.2020 in the International Conference on Applied Mathematics & Intellectual Property Rights( ICAMIPR – 2020) for the paper titled '  $\mu_{ij}$  - Preopen sets in bigeneralized topological spaces'.



On 09.03.2020 and 10.03.2020, The PG and Research Department of mathematics conducted a National Seminar on 'Recent Trends in Pure and Applied mathematics' in the college Auditorium. Dr.S.Santha, Assistant Professor of the department organized the national seminar.

On 09.03.2020, the resource persons for this seminar were Dr.R.Kala, Professor and Head, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli,(Topic: Graphs from Vector Spaces), Dr.G.Mahadevan, Assistant Professor, Department of Mathematics, Gandhigram Rural Institute, Gandhigram,(Topic: Application of Mathematics in Real Life).

On 10.03.2020, the resource persons were Dr.S.Shajun Nisha, Assistant Professor, Department of Computer Science, Sadakathullah Appa College, Tirunelveli,(Topic: Techonology in Mathematics) and Dr.Vilfred, Associate Professor, Department of mathematics, Central University of Kerala, Kerala,(Topic: Some unsolved problems in Number theory). Paper Presentation session was also held.

Mathematics