



### *From the Head of the Department*

After a hectic year of preparation for the NAAC accreditation, the education landscape has changed in the campus and hence in the Department. Edmodo, Google Classrooms, Moodle, Quizizz, Online assignments etc., have become part of our teaching, learning and evaluating process. There is also reason for jubilant celebration this year since our Department has been upgraded as a Research Department by the Manonmaniam Sundaranar University, Tirunelveli. Many of our PG students have presented Research papers in seminars. Also our III B.Sc Mathematics student T. Dharshini has come first in the Junior National Weight Lifting Championship conducted by the Indian Weight Lifting Academy and also has won the trophy in the KHELO India Youth Games, besides winning a lot of other medals and prizes. S. Bharkavi of II B.Sc Mathematics is ranked sixth in the International open fide rated chess tournament organized by the Kanchi Chess Academy, Chennai.

Steadfast in our commitment to the development and welfare of the students, we bring out the innovative capabilities of our students by sending them for paper presentations, seminars and intercollegiate quiz competitions, keeping in mind, quality is not a destination but a continuous journey. We are on mission mode. We work with courage, conviction and compassion for the vulnerable sections of the society in our outreach and extension programmes, praying for god's presence in all our endeavors.

Dr. V. M. Arul Flower Mary

Head of the Department

*Hats off to you...*

### ***BEST OUTGONE STUDENTS***



*A. Selvanayagi*  
B.Sc Mathematics (I rank)



*R. Soundharya Meenakshi*  
M.Sc Mathematics (I rank)



*R. Maria Anushia*  
M.Sc Mathematics (I rank)



*Anjelin G. Raju A.*  
I rank (Tamil)



*P. Brojo Marxiya*  
V rank (English)



*Selvanayagi A.*  
II rank (English)  
V rank (Tamil)



*M. Rexlin Ajitha*  
V rank (Tamil)



*Munavvara*  
V Rank (English)



*J. Sajima*  
IV rank (English)  
V rank (Tamil)

### ***MEDLEY OF EVENTS***



*The long awaited dream.....*

*The Department of Mathematics has been recognized as a Research Centre.*

## Board of Studies



### Subject Experts

1. Dr. R. Kala, Professor, Department of Mathematics, M. S. University, Tirunelveli.
2. Dr. S. Robinson Chelladurai, Associate Professor of Mathematics, Scott Christian College, Nagercoil.

### University Nominee

Dr.G. Eswara Prasad,  
Associate Professor & Head,  
Department of Mathematics,  
S.T.Hindu College, Nagercoil.

## External Academic Audit



28.08.2018- The experts of the external audit committee were Dr. A. Lourdasamy, Associate Professor of Mathematics, St. Xavier's College (Autonomous), Palayamkottai, Dr. S. Shantha, Assistant Professor of Mathematics, Rani Anna College of Arts and Science, Tirunelveli and Dr.Y.S.Irine Sheela, Associate Professor of Mathematics, Scott Christian College, Nagercoil.

## International Seminar organized by the Department for the first time



**24. 01. 2019: Topic - Network Modeling by Graphs and Syntactic Approach in Pattern Recognition**

**Resource persons:** Dr. P. Antony Kishore, Lecturer in Mathematics, IT Department, Ibri College of Technology, Oman and Dr. T. Rajaretnam, Associate Professor, Department of Mathematics, St. Joseph's College, Tiruchirapalli-2.

## Endowment Lecture



**24.07.2018 : Topic: Analysis for NET/SET Examinations**

**Resource person:** Dr. G. Suresh Kumar, Assistant Professor of Mathematics, The Gandhigram Rural Institute, Dindigul.

## Our Faculty as Resource Persons



13.3.2019 - Dr. V. M. Arul Flower Mary gave the Inaugural Address for the Inauguration of the Mathematics and Statistics Association and Sr. Antony Mary gave a PPT presentation on World famous mathematicians in the Government Arts & Science college, Nagercoil.

21.3.2019 - Dr. K. Jeya Daisy gave a PPT presentation on Self Confidence for YRC Day Celebration at Holy Cross College, Nagercoil



## ***Yet another milestone***

*We have achieved 100% results for both the U.G and P.G classes during 2017 - 2018.*

## **RESEARCH**

### **Faculty:**

*Publication in International journals- 3*

*Paper Presentations -3*

*Publication in Proceedings -2*

*Orientation Programmes attended – 2*

*Seminars attended – 23*

### **Our Department Research Guides**

*1. Dr. V. M. Arul Flower Mary*

*2. Dr. M.K. Angel Jebitha*

*3. Dr. S. Sujitha*

### **Students:**

*Y. Nisa, E. Surya Armstrong, V. Rexma Sherine and J. Jenisha of II M. Sc Mathematics and Y. Asha of I M.Sc Mathematics presented a paper in the “National Seminar on Pure and Applied Mathematics” at Annai Velankanni College, Thollayavattam. C.L. Nithya of III B. Sc Mathematics presented a paper in the “International conference on Emerging Trends in Mathematical, Physical and Chemical Sciences” in Noorul Islam Centre for Higher Education, Thucklay. She also presented a paper in the “International conference on “Graph Theory and its Applications” in Sadakathulla Appa College, Tirunelveli.*

## **CONGRATULATIONS...**



*06. 07. 2018 – J. Iswerya of II B.Sc Mathematics was elected as the Secretary of the College Student's Council.*

## **BOOK REVIEW**



*8-3-2019 – C.L. Nithya of III B.Sc Mathematics did a book review on the book entitled “ You can Win” authored by Shiv Khera in the college library.*

## **Prizes Won by our Students**

- ❖ *21. 07. 2018 – V. S. Jeba Shalini of II B. Sc Mathematics won the II prize and a cash award of Rs. 4000/- in the Tamil Elocution Competition conducted by MDMK.*
- ❖ *03. 07. 2018 – V. S. Jeba Shalini of II B.Sc Mathematics won the first prize in the Essay competition in the Library Week Celebration, at Holy Cross College, Nagercoil.*
- ❖ *9. 08. 2018 – A. M. Shany Agnease of III B.Sc Mathematics won the first prize and a cash award of Rs. 2000/- in the Intercollegiate Thirukkural Competition at Holy Cross College, Nagercoil.*
- ❖ *10. 08. 2018 – Angelin G. Raju of I M. Sc Mathematics won the first prize in the singing competition in connection with Mother Foundress Day.*
- ❖ *28. 08. 2018 –Y. Nisa of II M. Sc and S. Shalini and C. L. Sirumalar of III B.Sc.Mathematics won the I prize in the Inter collegiate Mathematics Quiz Competition conducted at St. John's College of Arts and Science, Ammandivilai.*



05. 08. 2018 – In ASPIRA – 2K18 at Lady Doak College, Madurai ,our II B.Sc Mathematics students won prizes in various competitions.

- ❖ A. Apila - I prize in Poster making
- ❖ B. Primmiya and H. Gabrilla Sabadini - II prize in Rangoli
- ❖ R. Jeni Siyoni - I prize in Mime and II prize in Essay Writing



29. 10. 2018 – C. L. Nithya of III B. Sc Mathematics received the “Swami Vivekananda Award” for excellence in the Essay writing Competition conducted by “Bharathi Yuva Kendra”, Madurai .



10. 12. 2018 – K. T. Reshma of III B. Sc Mathematics won the “Award of Excellence” in the National Conference on Human Rights conducted by Legal Literacy, Holy Cross College, Nagercoil.

13. 12. 2018 - V. S. Jeba Shalini of II B. Sc Mathematics won the I prize in the Tamil Elocution Competition conducted by AICUF, Holy Cross College, Nagercoil on the event of Swatch Bharat.

13. 12. 2018 - A. Apila of II B. Sc Mathematics won the first prize in the Drawing Competition conducted by AICUF, Holy Cross College, Nagercoil in the Swatch Bharat event.



21. 01. 2019 – V. Rexma Sherine, E. Surya Armstrong, Y. Nisa, J. Jenisha of II M. Sc Mathematics and Y. Asha of I M. Sc Mathematics presented a paper in a National Seminar on “ Pure and Applied Mathematics” at Annai Velankanni College, Tholayavattam.

20. 03. 2019 –Y. Nisa and E. Surya Armstrong of II M. Sc and S. Sweetlin Shermy of IM.Sc Mathematics won the III prize in the Intercollegiate Mathematics Quiz Competition conducted at Scott Christian College, Nagercoil.

### **Campus placement**

Our II PG students J. Jenisha, V. Rexma Sherine, R. Santrin Sabibha III UG students C. L. Nithya, A. M. Abinisha, T. Thomas Renilda, S. Shalini, P. Renisha were selected in the campus interview, conducted by A. K. T Institutions.

## ACTIVITIES OF THE MATHEMATICS ASSOCIATION

### Staff advisors

Dr. J. Befija Minnie & Mrs. A. Jancy Vini

### President

C. Mary Christal Flower (II M. Sc Mathematics)

### Secretary

M. R. Affrin (III B. Sc Mathematics)



**27. 08. 2018**

S. Sweetlin Shermey and P. Brojo Marxiya of I M. Sc Mathematics gave a PPT presentation on “Applications of Mathematics”.



**15. 10. 2018**

S. Sweetlin Shermey of I M. Sc Maths and V. S. Jeba Shalini of II B. Sc Mathematics gave a PPT presentation on “The Life History and Achievements of Dr. A. P. J. Abdul Kalam”.



**06. 12. 2018 – 07. 12. 2018**

**Topic:** NET/SET coaching in “Analysis and Algebra”

**Resource persons:** Dr. M. Suresh Kumar , Mr. A. Vinoth and Dr. Veeramani



**20. 12. 2018**

National Mathematics Day was celebrated. S. Shalini and C. L. Nithya of III B.Sc Maths gave a talk and a video presentations on Ramanujan.



**23. 02. 2019**

**Topic:** Solid waste management

**Resource person:** Er. Allwin, District Pollution Board Engineer, Thiruvallloor District.



**26-03-2019**

Inter Class Mathematical Quiz

**Quiz Mistress:** M. R. Affrin of III B. Sc Mathematics

Students who presented papers in seminars and actively participated in academic activities were honoured with prizes.



## Department Excursion



28.09.2018 to 02.10.2018 - A group of 57 students accompanied by 2 faculty members had a refreshing time during the excursion to Bangalore and Mysore.

## Industrial visit



29.08.2018 – Students from III B. Sc and II M. Sc Mathematics visited the Priyadharshini Planetarium, Thiruvananthapuram. The students were exhilarated on viewing the celestial bodies which they learn in the course “Astronomy”.

## RUN



30. 09. 2018 - II B.Sc mathematics students were taken to Muttom and Kanyakumari for the “Swatch Bharat” cleaning programme.

## Stars of Sports



T. Dharshini of III B. Sc Mathematics, came first in the Junior National weight Lifting championship conducted by the Indian Weight Lifting Academy in Maharastra during December 2018 and Came first in KHELO India Youth Games in Pune during January 2019. She also won two first prizes in the National level and four first prizes in State level competitions this year.



S. Bharkavi of II B. Sc Mathematics is ranked VI in the International open fide rated chess tournament organized by Kanchi Chess Academy. She also won the “Best Woman Award” in the first Gnana Vidya open fide rated chess tournament and the second prize in MSU intercollegiate chess tournament.

## ***Fine Arts***



*Our Department was the runners up in the Annual Interdepartmental Fine Arts Competitions*

## ***ICT Platforms***



*Our students are the users of various modern ICT Platforms.*

## ***Faculty of our Department***



## ***Editorial Board***

*Dr. V. M. Arul Flower Mary  
Associate Professor and Head,  
Department of Mathematics,  
Holy Cross College, Nagercoil.*

*Dr. J. Befija Minnie and Mrs. A. JancyVini  
Assistant Professors,  
Department of Mathematics,  
Holy Cross College, Nagercoil.*