

ANNAI VAILANKANNI ARTS AND SCIENCE, COLLEGE, THANJAVUR-7

PG & RESEARCH DEPARTMENT OF MATHEMATICS

ANNUAL REPORT (2018-2019)

Department of Mathematics was inaugurated in 2010 with 2 faculties and 13 students. The PG program was started in 2014 and the M.Phil Program was started in 2016. Now there were 11 faculties and 207 students with 5 M.Phil scholars, 35 PG students and 167 UG students.

Department Staff Meeting

The HOD and the staff members meet to discuss the academic and co-curricular performance of the students and their needs for twice in a month.

Parents –Teachers Meeting

Every semester we were conducting two parents –Teacher Meeting for UG and PG students regarding cycle test, attendance and University Results performance.

Mentoring Program

Every semester we were conducting two Mentoring Program for UG and PG students about their Internal and External Activities.

Association details

We conducted first Association meeting on 26.07.2018, Dr.T.Rajaretinam, St Joseph College-Trichy delivered lecturer on “ALGEBRAIC STRUCTURE”

Work Shop

We conduct one day work shop in “INTRODUCTION TO MATLAB’ on 01.02.2019, Dr.R.Veerapandian gave a hands of training to the students

Village visit

Our department staffs and students arranged village visit on 07.02.2019 in Kulichapattu Panjayaththu Middle School. Our department students entertained the school students by drama, dance and gave awareness on good touch and bad touch and Roadside Ambani.

Seminar

We conducted one day **National Level Seminar In Mathematical And Its Applications** on February 26th 2019. In the first session, the chief guest **Dr.Balakrishnan**, Adjunct Professor Bharathidasan University gave a lecturer on “**COLORING GRAPH**” . In the Afternoon session **Dr.Nagoor Gani**, Jamal Mohamed College -Trichy delivered a lecturer on “**FUZZY SET**”. The students from various colleges took actively participated in the seminar.

Conference Attended & Paper Presented by Our Staff Members

Mrs.P.Caroline Mary, has participated in 3 conference and published 2 papers in UGC journals and one paper presented in Nation Journal.

Mr.K.Prabhakaran, has presented 2 papers published in UGC journals-one paper presented in Conference and one paper presented in journal.

Inter Collegiate College Competitions in Other Colleges

On.21.08.2018 Bon Secours College for Women Conducted Inter-Collegiate Competitions. Our Department students participated and won the prizes III-B.Sc., Maths Sharmila won III Prize in POSTER PRESENTATION. II M.Sc., Maths - G.Nithya & T.Abinaya won I prize in MATH RANGOLI

On 28.08.2018 Bon Secours College for Women, Thanjavur Conducted Aadvomepallu Paduvome by Tamil Department. Our Department students participated and III-B.Sc., Maths T.Anbarasi, won the I prizes in DRAMA, III-B.Sc., Maths S.Karthiga, won the I prizes in KARNATIC MUSIC. II B.Sc Maths S.Keerthana won – I Prize- in BARATHA NATIYAM.

On 31.10.2018 Bharathidasan University , Trichy conducted One day University level Body building Competition. Our Department III B.Sc Maths R.PRINCE participated and won the III –Prize .

On 05.02.2019 Annai College Conducted APPA Cultural Competition. Our Department students participated and III B.Sc Maths – T.Anbarasi & I B.Sc Maths Dinesh won the I prizes in Drama. III B.Sc Maths S.Keerthana won the I Prize in Nattupura nadanam.

On 05.02.2019 Sports Development Authority of Tamilnadu Thanjavur district unit conducted chief minister's trophy district level sports and games 2018-2019 our department student I B.Sc Maths A.Pooja Devi participated and won the prizes winner in HAND BALL.

RESULT DETAILS

I B.Sc Maths:

- 1.Tamil-100%
- 2.English-96%
- 3.Differential Calculus and Trigonometry-82%
- 4.Integral Calculus-67%
- 5.Allied Physics-89%
- 6.Value education-100%

II B.Sc Maths “A”:

- 1.Tamil-100%
- 2.English-100%
- 3.Classical Algebra & Theory of Numbers-97%
- 4.Sequence and Series-94%
- 5.Programming in C-97%
- 6.Nme-Management Principles-100%

II B.Sc Maths “B”:

- 1.Tamil-100%
- 2.English-100%
- 3.Classical Algebra & Theory of Numbers-97%
- 4.Sequence and Series-97%
- 5.Programming in C-100%
- 6.Nme-Management Principles-100%

III B.Sc Maths:

- 1.Numerical Method with MAT LAB-100%
- 2.Real analysis-94%
- 3.Statics-100%
- 4.Operations Research-100%
- 5.Corel Draw-100%
- 6.Dream Weaver- 100%
- 7.Soft Skils Development-100%

I M.Sc MATHS:

- 1.Algebra-100%
- 2.Real analysis-100%
- 3.Ordinary Differential Equation-100%
- 4.Graph Theory-100%
- 5.Integral Equation Calculus of Variation and Transforms-100%

II M.Sc MATHS

1. Classical Dynamics-79%
2. Measure and Integration-70%
3. Topology-100%
4. Discrete Mathematics-100%
5. Advance in Operations Research-100%

OVER ALL PERSENTAGE

I B.Sc Maths:

TOTAL NUMBER OF STUDENTS	: 56
TOTAL NO. OF ALL CLEARED STUDENTS	: 30
OVERALL PERCENTAGE	: 53%

II B.Sc Maths:

TOTAL NUMBER OF STUDENTS	: 74
TOTAL NO. OF ALL CLEARED STUDENTS	: 62
OVERALL PERCENTAGE	: 83%

III B.Sc Maths:

TOTAL NUMBER OF STUDENTS	: 37
TOTAL NO. OF ALL CLEARED STUDENTS	: 35
OVERALL PERCENTAGE	: 94%

I M.Sc Maths:

TOTAL NUMBER OF STUDENTS	: 10
TOTAL NO. OF ALL CLEARED STUDENTS	: 10
OVERALL PERCENTAGE	: 100%

II M.Sc Maths:

TOTAL NUMBER OF STUDENTS	: 25
TOTAL NO. OF ALL CLEARED STUDENTS	: 17
OVERALL PERCENTAGE	: 70.8%

100% Results by Our Department Faculties

S. No.	NAME OF THE STAFFS	CLASS	SUBJECT
1.	Mrs.P.Caroline Mary	I M.Sc Com.Sci II M.Sc Maths	Mathematical foundation for computer science Discrete Mathematics
2.	Mr.N.Jaimaruthi	I M.Sc Maths III B.Sc Maths	Ordinary differential Equation Numerical methods with MATLAB
3.	Dr.P.Jayakumar	I M.Sc Maths	Real analysis
4.	Dr.M.Senbagavalli	II M.Sc Maths III B.Sc Maths	Topology Operation Research
5.	Mr.T.Rajesh Kumar	III B.Sc Maths	Soft Skills Development
6.	Mrs.K.Usha Rani	I M.Sc Maths	Integral Equation
7	Ms.S.Thatchayani &M.Joice Mabel	I M.Sc Maths	Algebra
8.	Mr.K.Prabhakaran	II M.Sc Maths	Advance in Operations Research
9.	Mrs.M.MeenaBai	III B.Sc Maths	Statics
10.	Mrs.M.Joice Mabel	I M.Sc Maths	Graph Theory