



BON SECOURS COLLEGE FOR WOMEN

Nationally Accredited with 'A++' Grade by NAAC in Cycle II

Affiliated to Bharathidasan University

Recognized by UGC under section 2(f) & 12 (B)

Vilar Bypass, Thanjavur- 613 006



DEPARTMENT OF MATHEMATICS NEWS LETTER (2023 – 2024)

ABOUT THE DEPARTMENT

The Department of Mathematics started with only UG Programme in the year 2002. It was upgraded with PG Programme in the year 2005. It offers M.Phil., Research Programme from the year 2010. The faculty members are enthusiastic and easily approachable by the students.

The Department stands focused to its ideals in imparting knowledge and preparing students towards achieving academic excellence through the acquisition of core competence in Mathematics.

The Department conducts various seminars and competitions to enrich the knowledge of students. In the past 20 years, the department has made a steady progress and been regularly conducting various academic activities and secured 46 UG & 59 PG University Ranks.

APEX Association of our Department was started in the year 2009. Its Motto is **"To Make everyone as an Achiever"**.

VISION

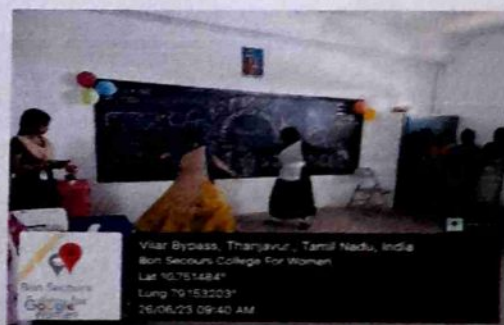
To improve student's analytical abilities with cutting – edge technical approaches in order to develop applications of theoretical mathematics for the benefit of society.

MISSION

The goal of the mathematics department is to create a learning environment where students may develop their mathematical literacy and application skills. The department will also help students become mathematical thinkers, which will help them continue to learn throughout their lives, advance in their chosen fields, and be useful members of society.

FRESHER'S DAY:

Student Induction Programme (SIP) was conducted by the Department of Mathematics for the first year students. Fresher's Day was celebrated by the senior students on 26.06.2023.



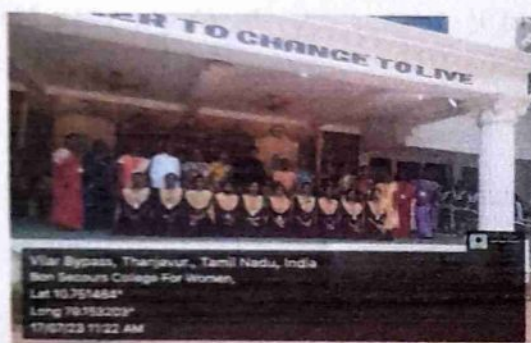


STUDENT INDUCTION PROGRAMME:

SIP programme was organized, Mr. Syed Nazimudeen, Consultant, Mindcube, has served as the External Experts for the Student Induction Programme on 27.06.2023.

BRIDGE COURSE

The Bridge Course was conducted for the first year UG students from 30.06.2023 to 11.07.2023. The bridge course modules consisted of Communicative English, Basics of Mathematics, Basics of Commerce and Basics of Computer Science. Ms.R.Umadevi, Ms.D.Arivuselvi, Ms.D.Lavanya and Dr.V.Mekala, Department of Mathematics handled the session on Basics of Mathematics for all the First year UG on 04.07.2023 & 05.07.2023.



INVESTITURE CEREMONY-2023

The Investiture Ceremony-2023 was inaugurated successfully on 17.07.2023. Dr.N.Dhanarajan, Joint Director of Collegiate Education, Thanjavur Region, Thanjavur was the Chief Guest. The College Student Council Member and the Department of Office Bearers took an Oath after taking charge of their duties and responsibilities.

GUEST LECTURE

TOPOLOGY OF MATHEMATICS IN RESEARCH FIELD



One day Guest Lecture was organized on "Topology of Mathematics in Research Field" for the II M.Sc., Mathematics students on 18.07.2023. Dr. P. Reka, Assistant Professor of Mathematics, A.V.V.M. Sri Pushpam College, Poondi, Thanjavur was the resource person.

UNSTEADY-STATE NUMERICAL ANALYSIS OF ADVANCED SAVONIUS WIND TURBINE:

A Guest Lecture was organized on "Unsteady-State Numerical Analysis of Advanced Savonius Wind Turbine" for the II M.Sc., Mathematics students on 28.07.2023. Dr.B.Mohamed Harif, Assistant Professor of Mathematics, Rajah Serfoji Govt. College (Autonomous), Thanjavur was the resource person



APPLICATIONS OF STATISTICAL DATA

One day Guest Lecture was organized on "Applications of Statistical Data" for the II B.Sc., Mathematics and III B.Sc., Biotechnology students on 18.08.2023 at St. Joseph's Auditorium. Dr. D. Sargunasundari, Assistant Professor of Mathematics, Annai Vailankanni Arts & Science College, Thanjavur was the resource person.

APPLICATIONS OF GRAPH THEORY

A Guest Lecture was organized on "Applications of Graph Theory" for the I M.Sc., Mathematics students on 16.10.2023. Dr.S.Rukmani, Assistant Professor of Mathematics, S.T.E.T Women's College (Autonomous), Tiruvarur was the resource person.



ENTREPRENEURSHIP AND SKILL DEVELOPMENT PROGRAMME:



The Department of Mathematics & Institution's Innovation Council jointly organized the Entrepreneurship and Skill Development Programme on 10.08.2023 at St. Joseph's Auditorium. Dr. R. Kalaivani, IIC Ambassador, Assistant Professor of Biotechnology was the resource person.

COMPETITIVE EXAMINATION PREPARATION STRATEGY AND TIPS:

The Department of Mathematics conducted "Competitive Examination Preparation Strategy and Tips" on 16.08.2023 at St. Joseph's Auditorium for the I UG, III UG, I PG and II PG students. Mr. M. Jeevanandham, Unnati IAS Academy, Thanjavur was the resource person.



SEMINAR ON RESEARCH WRITING THROUGH LATEX:



The Department of Mathematics organized "Seminar on Research writing through LaTeX" on 17.08.2023 at St. Joseph's Auditorium for the I PG and II PG students. Mr. S. Riyas Mohamed, Assistant Professor, Department of Mathematics, Khadir Mohideen College, Adhirambattinam was the resource person.

MATH STAR'23

On 30.08.2023, MATH STAR'23, an intercollegiate competition was conducted by the Department. Dr.K.Uma, Assistant Professor, Department of Mathematics, Poompuhar College (Autonomous), Melaiyur, Mayiladudurai was the Chief Guest. Seven different events were held and 150 students from 12 different colleges actively participated. A.V.V.M. Sri Pushpam College, Poondi, Thanjavur won the overall championship.



CONTEMPORARY ISSUES ON INTELLECTUAL PROPERTY RIGHTS



The Department of Mathematics conducted "Contemporary Issues on Intellectual Property Rights" on 19.09.2023 at St. Joseph's Auditorium for the III UG, I PG and II PG students. Dr.K.Elangovan, Assistant Professor of Mathematics, Rajah Serfoji Govt. College (Autonomous), Thanjavur was the resource person.

CHANGING PATTERNS OF GENDER EQUITY:

The Department of Mathematics conducted the Gender Equity Programme on "Changing Patterns of Gender Equity" on 27.09.2023 at St. Joseph's Auditorium for the III UG and II PG students. Dr.Sophia Somesh, MBBS, DGO, DNB (OG), Consultant Gynecologist & Director, Dr.Vanchilingam Hospital Pvt.Ltd, Thanjavur was the resource person.



EXTENSION ACTIVITY:

An Extension Activity "Training on Basic Mathematics" was conducted on 26.07.2023 at St. Joseph's Matriculation Higher Secondary School, Vilar. Our Department Students along with Dr.M.Sheela handled the sessions on Basic Mathematics.

EDUCATIONAL TOUR:

III UG and II PG went for an Educational Tour to Mysore, Coorg and Chickmangalore. Ms.M.Anusiya, Dr.M.Sheela and Dr.P.Gomathy, Assistant Professors of Mathematics accompanied them from 20.09.2023 to 22.09.2023.



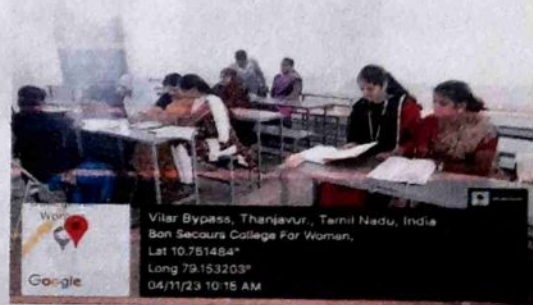
FIELD VISIT:



I UG, II UG and I PG went for an One Day Trip to Ooty. Ms.R.Umadevi, Ms.S.Abinaya and Ms.D.Lavanya, Assistant Professor of Mathematics accompanied them on 27.09.2023.

PTA Meeting

Bon Secours College for women organized the parents Teachers Association meeting on 04.11.2023. All the class mentors meet the parents and got feedback from parents.



STUDENT ACHIEVEMENT

University Rank Holders

Our Department students got 6 UG and 13 PG university rank in the university Examination in this academic year.

UG



Ms. T. Devipriya
2nd Rank



Ms. B. Yoganisha
6th Rank



Ms. S. Ishwarya
8th Rank



Ms. P. Akshaya
18th Rank



Ms. S. Yazhini
18th Rank



Ms. K. Srija
19th Rank

PG



Ms. F. Fathima Fareen
1st Rank



Ms. S. Ishwarya
3rd Rank



Ms. M. Reshma
4th Rank



Ms. P. Haritha
5th Rank



Ms. J. Christina
Nancy
9th Rank



Ms. E. Karmuhil
10th Rank



Ms. G. Philomine
Mary
12th Rank



Ms. T. Subathra
13th Rank



Ms. V. Ida
13th Rank



Ms. M. Arthi
14th Rank



Ms. R. Aarthi
17th Rank



Ms. R.
Bhuvaneshwari
17th Rank



Ms. S. Gayathri
19th Rank

The Department of Mathematics students along with Dr. M. Sheela participated in Two Day National Level Workshop on "An Introduction to the Scientific Softwares MATLAB, LaTeX and Maple" on 18.08.2023 & 19.08.2023 organized by the Department of Mathematics, Auxilium College of Arts and Science for Women, Regunathapuram, Karambakudi.

Ms. S. Janci Rani, III B.Sc., Mathematics, NSS Volunteer was participated and got third prize for Folk Dance Competition in the "State Youth Festival – 2023" organized by Youth Welfare and Sports Development Department & Tamil Nadu State NSS Cell held at Chennai from 24.08.2023 to 28.08.2023.

Ms. S. Janci Rani, III B.Sc., Mathematics participated in the Dance Competition in the "FESTEMBER 2023" organized by Sengamala Thayar Educational Trust for Women's College, Mannargudi.

Ms. R. Subasree, III B.Sc., Mathematics participated in the events Single Stick Silambam, Surul Vaal in 14th National Youth Championship in Goa organized by National Youth Sports & Education Federation, India and she won two Gold Medals.

Ms.V.Nanmozhi, I B.Sc., Mathematics participated in the "Maaberum Tamil Kanavu- Tamil Marabu Matrum Panbaattu Parappurai" at Tamil University, Thanjavur organized by the South Zone Cultural Centre, Thanjavur on 05.10.2023 and she got appreciation certificate.

Ms. J. Charumathi, II B.Sc., Mathematics participated in the State Adventure Camp-2023 held at Yercaud from 16th October to 20th October organised by Tamilnadu State NSS Cell, Chennai in association with Periyar University, Salem.

Seminar/Workshops/Conferences/FDP participated/Paper presented by the staff:

IQAC organized Faculty Development Programme on "Outcome Based Education in Curriculum Teaching, Assessment and Attainment" from 12.06.2023 to 14.06.2023 at Main Auditorium through the Online platform.

The Faculty members participated in the One Week Online Faculty Development Programme on "Mathematics in Real, Applied and Computational Domains" organized by the Department of Mathematics, School of Science and Humanities, Sathyabhama Institute of Science and Technology, Chennai from 03.07.2023 to 08.07.2023.

Ms. M. Anusiya, Asst. Professor of Mathematics attended the Faculty Development Programme under Naan Mudhalvan Scheme at Bharathidasan University, Tiruchirappalli from 24.07.2023 to 28.07.2023.

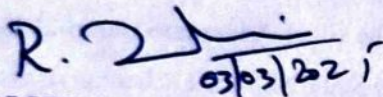
Ms.S.R.Vidhya, Head and Assistant Professor of Mathematics acted as a Resource Person of "ICT Programme on MATLAB", organized by the Department of Biotechnology, Bon Secours College for Women, Thanjavur on 28.07.2023.

The Department of Mathematics students along with Dr. M. Sheela participated in Two Day National Level Workshop on "An Introduction to the Scientific Softwares MATLAB, LaTeX and Maple"

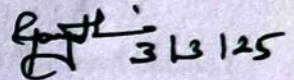
on 18.08.2023 & 19.08.2023 organized by the Department of Mathematics, Auxilium College of Arts and Science for Women, Regunathapuram, Karambakudi.

Ms.S.R.Vidhya, Head, Assistant Professor of Mathematics and Youth Red Cross Programme Officer got the appreciation certificate for Blood Donation Camp from Thanjavur District Collectorate, Thanjavur organized by Rajah Mirasudhar Hospital and Thanjavur Medical College Blood Bank, Thanjavur on 04.10.2023.

Ms.M.Anusiya, Assistant Professor of Mathematics presented a paper entitled "Fuzzy AHP Approach Using Trapezoidal Fuzzy Number in Irrigation of Water" in International Conference on Recent Trends in Mathematics and Computer Science organized by Department of Mathematics and Department of Computer Science, Auxilium College of Arts and Science for Women, Regunathapuram from 19.10.2023 to 21.10.2023.

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03/03/2025

HEAD DEPARTMENT OF MATHEMATICS
Bon Secours College for Women,
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3/3/25

Principal
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