

PROVIDENCE WOMEN'S COLLEGE,
CALICUT

DEPARTMENT OF MATHEMATICS AND STATISTICS



NEWSLETTER
2022-23

Realise your true potential.

ACADEMIC ACTIVITIES



26 JULY 2022

UG PROJECT PRESENTATION

UG Project presentation conducted by the R&D Cell unit of the Department of Mathematics and Statistics.

Details of the Presentation:

'**Mathematical Analysis of the COVID-19 Epidemic Model**' by Arathi Babu (2022 batch)

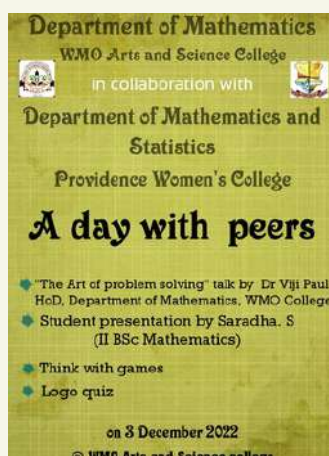
'**Morphological Image Processing.**' by Archana V.P. and Chaithra P (2022 batch)



27 JULY 2022

CERTIFICATE COURSE

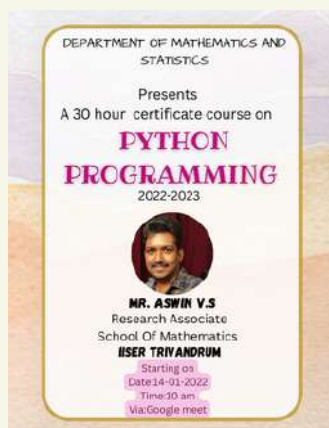
On 27th July 2022, the department commenced a 30- hour certificate course 'LaTeX Programming' with Ms. Anupama. P, Assistant Professor, Department of Statistics as the course instructor. The 3rd year B. Sc Mathematics students successfully completed the certificate course.



3 DECEMBER 2022

INDUSTRIAL VISIT

An industrial visit was conducted for Second Years on 3rd December 2022 to the Department of Mathematics and Statistics, WMO College, Muttill, Wayanad. A talk was delivered by Dr. Viji Paul, HoD of the Department of Mathematics of the college, followed by an interaction session and various maths related programs.

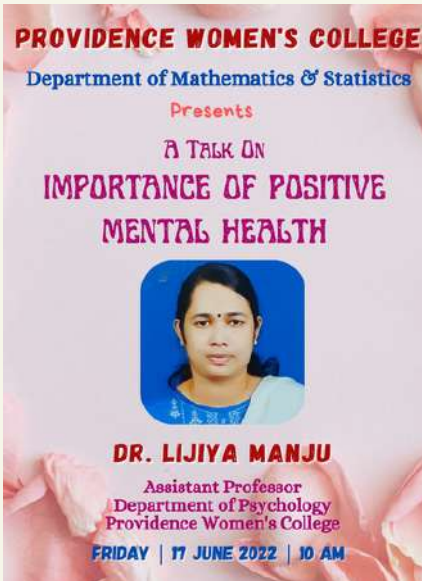


14 JANUARY 2023

CERTIFICATE COURSE

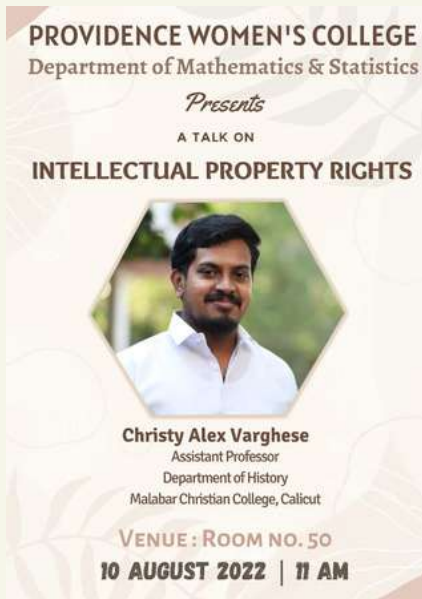
A 30- hour certificate course on Python Programming commenced on 14th January 2023, instructed by Dr. Aswin V.S, Research Associate, School of Mathematics, IISER Trivandrum. The 1st and 3rd year B. Sc Mathematics students benefited out of this course.

CO-CURRICULAR ACTIVITIES



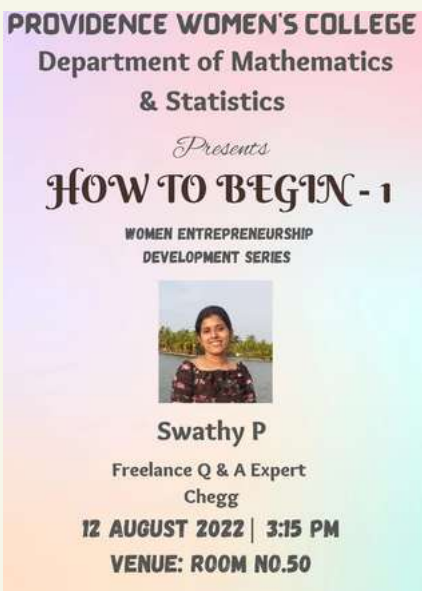
17 JUNE 2022
TALK ON THE IMPORTANCE OF POSITIVE MENTAL HEALTH

The Department of Mathematics and Statistics conducted a talk on the 'Importance of Positive Mental Health' rendered by Dr Lijiya Manju, Assistant Professor, Department of Psychology, Providence Women's College on 17 June 2022 for the 2nd year students.



10 AUGUST 2022
TALK ON INTELLECTUAL PROPERTY RIGHTS

On 10th August 2022, a talk on the topic 'Intellectual Property Rights' was rendered by Sri. Christy Alex Varghese, Assistant Professor, Department of History, Malabar Christian College, Calicut for the 3rd year students.







12 AUGUST 2022
WOMEN ENTREPRENEURSHIP DEVELOPMENT SERIES

With the aim of financial empowerment of our students through small scale businesses, a series of talks namely 'The Women Entrepreneurship Development Series' was conducted with our alumnae Miss Swathy P. , Freelance Q and A expert , Chegg as the first resource person.

Providence Women's College
 Department of Mathematics and Statistics
 Presents
**Make Your Abroad Dream
 Come True** 
Presented by :
Mr. Rony Tom
(IELTS & OET Trainer)
 Organised by:
 Riyadh U K (Marketing Manager)
 Conducted by :
 Bright Bay Group of Institutions, Calicut
 17th August 2022
 3:00 PM
 Venue: Room No:50

17 AUGUST 2022
**TALK ON 'MAKE YOUR ABROAD DREAM
 COME TRUE'**

A talk on 'Make Your Abroad Dream Come True' was conducted by Mr. Rony Tom, IELTS and OET Trainer mainly aimed at the outgoing B.Sc batch.

PROVIDENCE WOMEN'S COLLEGE
 DEPARTMENT OF MATHEMATICS
 & STATISTICS
SPRINGS
HOW TO BEGIN - 2
 WOMEN ENTREPRENEURSHIP
 DEVELOPMENT SERIES

NEEHA FATHIMA M

 BLENDCO-RESIN ART
 A COLLECTION OF PLEASANT RESIN PRODUCTS
 INSTAGRAM
 @BLENDCO
 22 AUGUST 2022
 10:15 AM
 VENUE: ROOM NO.49

22 AUGUST 2022
**WOMEN ENTREPRENEURSHIP
 DEVELOPMENT SERIES**

As a continuation of Women Entrepreneurship Development series, a talk was delivered by Neeha Fathima M, alumnae 2019-22 batch on 22nd August 2022.

PROVIDENCE WOMEN'S COLLEGE
 DEPARTMENT OF
 MATHEMATICS AND STATISTICS
 PRESENTS
**HOLA
 FRESHERS**
Let the party begin
**07TH OCTOBER
 2022**

7 OCTOBER 2022
FRESHER'S DAY

Freshers Day named 'Hola Freshers' was conducted for the new comers with the aim of getting to know the faculty and the senior students and also to understand briefly the various activities of the department.

PROVIDENCE WOMEN'S COLLEGE
 CALICUT
 DEPARTMENT OF MATHEMATICS
 & STATISTICS
**Association
 Inauguration**
 by

DR. SUNIL MATHEW
 ASSOCIATE PROFESSOR
 DEPARTMENT OF MATHEMATICS
 IIT, CALICUT
 with a
 TALK ON
 The Infinite Dimensional Universe
 DATE: 31/10/2022
 TIME: 10:30 AM
 VENUE: MV HALL
 QUIZ CLUB INAUGURATION 'TO INFINITY AND BEYOND'

31 OCTOBER 2022
ASSOCIATION INAUGURATION

On 31st October 2022, the Department Association was inaugurated by Dr. Sunil Mathew, Assistant Professor NIT, Calicut. He also delivered a talk on 'The Infinite Dimensional Universe' and inaugurated the Maths quiz club 'To Infinity and Beyond'.



6 MARCH 2023

FAREWELL

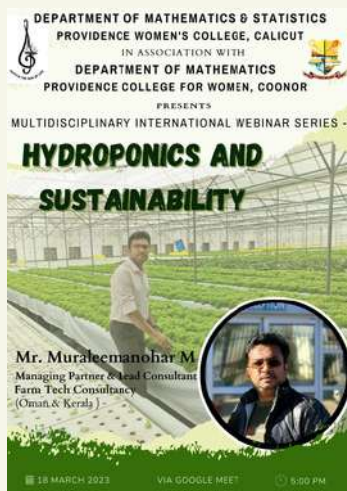
A farewell program 'Hasta la Vista' was conducted to bid farewell to the outgoing B. Sc students. The students who excelled in academics, co - curricular and extra curricular activities were honoured and also the department scholarships were distributed during the program. The Association valedictory was also on the same day where Ms. Aiswarya Paul, HoD addressed the gathering and Ms. Fathima Nada, Association Secretary read out the Association report.



15 MARCH 2023

PI DAY

As part of Pi Day, the Department of Mathematics and Statistics conducted a contest where students were given a short time and asked to write maximum digits of the number Pi in order to know the number better. Quiz competitions were also conducted in connection with this for M. Sc students.



18 MARCH AND 1 APRIL 2023

WEBINAR SERIES

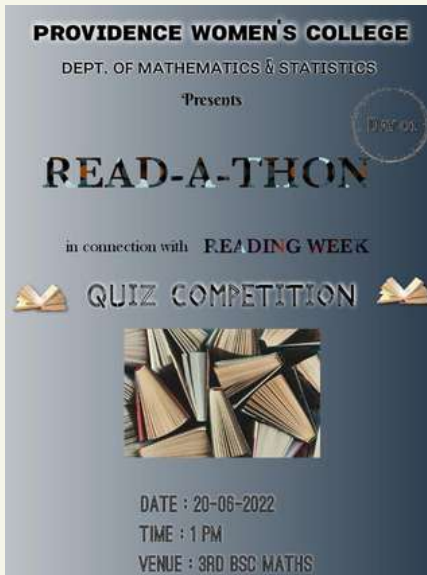
An International Multidisciplinary webinar series in association with the Department of Mathematics & Statistics, Providence College for Women, Coonor was conducted :

- Webinar on Hydroponics and Sustainability was given by Mr. Muraleemanohar M, Managing Partner and Lead Consultant, Farm Tech Consultancy (Oman & Kerala) on 18th March 2023.



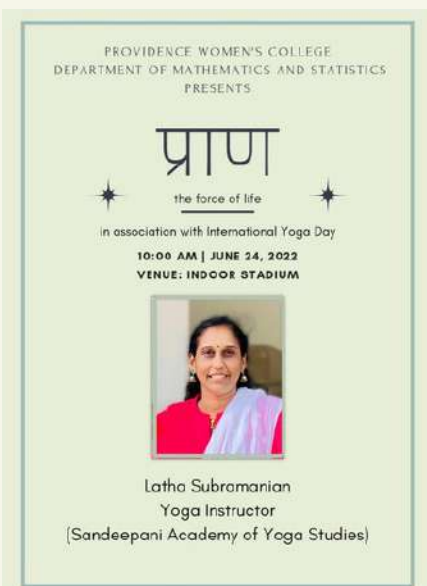
- A Webinar on Innovations and Sustainability was given by Ms. Madhushree B N, Responsible Sourcing Programme Manager, The Circulate Initiative, Singapore on 1st April 2023.

EXTRA CURRICULAR ACTIVITIES



20 JUNE - 24 JUNE 2022 READING WEEK

Conducted Reading Week celebration from June 20 - June 24 which included a Quiz Competition, a Book Talk Contest and a talk on the topic 'The Root of the Matter' by Ms. Bindu Amat, Head of the English Department, Providence Women's College.



24 JUNE 2022 INTERNATIONAL YOGA DAY

Celebrated International Yoga Day in the name 'Prana – the Force of Life' on June 24 2022, with Mrs. Latha Subramanian of Sandeepani Academy of Yoga Studies leading the session.

खजाने की खोज

Treasure hunt in association with 75th
Independence Day (Azadi Ka Amrit Mahotsav)



Kindly fill the google form for participation.
The team finding all treasures in shortest
time will be the winner.
A team can have maximum of 2 members.

Maths Department | 11.08.22 | 12.45 P.M.

10 & 11 AUGUST 2022 75TH INDEPENDENCE DAY

As part of the 75th Independence Day celebration, Azadi Ka Amrit Mahotsav, a quiz competition was conducted on 10th August and a treasure hunt was conducted on 11th August 2022.

Providence Women's College
Department of Mathematics and Statistics
Presents
Photography Competition
As part of photography day celebrations
Theme: Geometry of nature



Send your entries to: 6282971862
Or 9074740281
Last date for submission: 19/08/2022

19 AUGUST 2022 PHOTOGRAPHY DAY

On 19th August 2022, a photography competition was conducted as part of Photography Day celebrations on the topic Geometry of Nature so that students become aware of the existence of mathematical structures and theories like fractal theory in nature.

PROVIDENCE WOMEN'S COLLEGE
CALICUT
Department of Mathematics & Statistics

**WOMEN'S EQUALITY DAY
CELEBRATION**

Open stage
@ 1 pm

Programs

- Tableau
- Group dance
- Group song
- Karaoke
- Classical dance

All are welcome

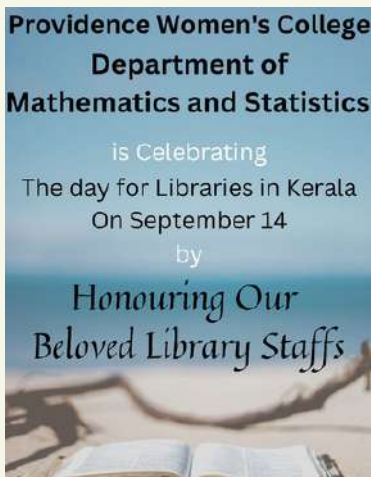
29 AUGUST 2022 WOMEN'S EQUALITY DAY

Women's Equality Day was celebrated on 29th August 2022 with an open-stage program. The program included a tableau, group dance, group song, karaoke and classical dance by B.Sc students of the department.



31 AUGUST 2022 **TEACHER'S DAY**

The Department of Mathematics and Statistics celebrated Teacher's Day on 31st August. The teachers of the department, 2nd and 3rd Year students attended the programme where both the teachers and students shared their memorable experiences.



14 SEPTEMBER 2022 **DAY FOR LIBRARIES IN KERALA**

As part of The Day for Libraries in Kerala, the students of the Department of Mathematics and Statistics honoured the library staff of the college library on 14 September 2022.



16 SEPTEMBER 2022 **OZONE DAY**

On 16th September 2022, the Quiz Club 'To Infinity and Beyond', conducted a Quiz competition on the topic 'Ozone Day- Global Cooperation to Protect Life on Earth'



17 OCTOBER 2022 **SMILE DAY**

On 17th October 2022 The Laughter Club of the Department of Mathematics and Statistics was inaugurated by Dr. Sr. Jaseena Joseph and Ms. Bindu Amat and a program titled 'SHARE YOUR HAPPINESS' was conducted as a part of Smile Day.



8 NOVEMBER 2022

EXIT POLL

Exit Poll of the Union Election was conducted with 100% success on the results.

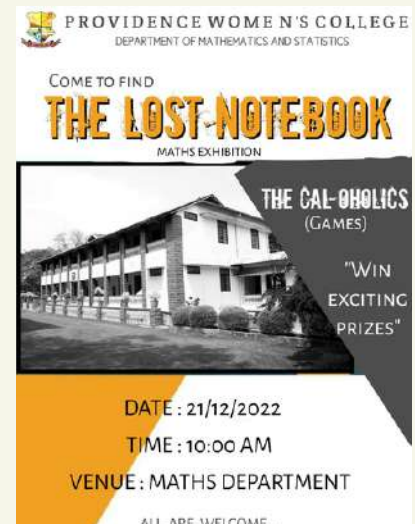
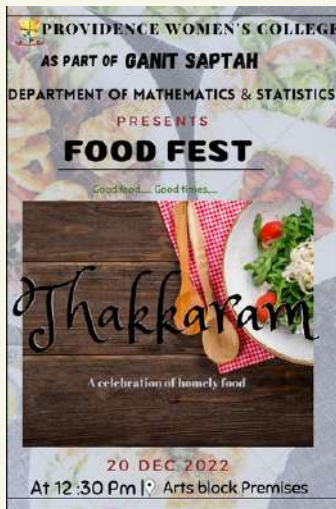


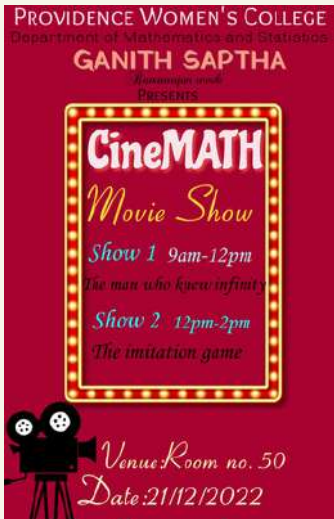
19 – 22 DECEMBER 2022

RAMANUJAN WEEK

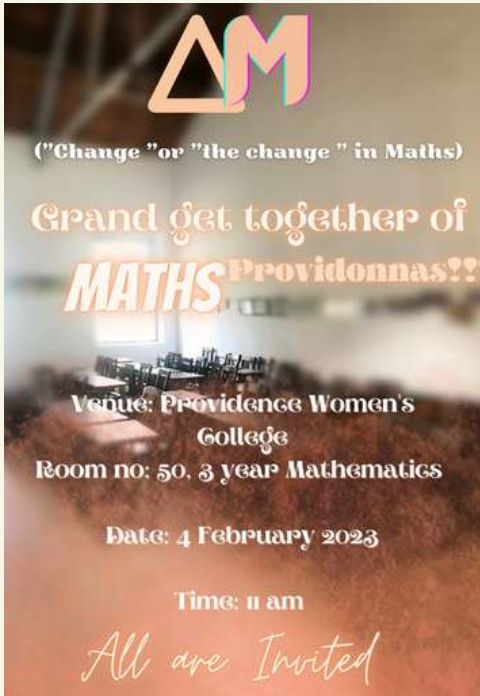
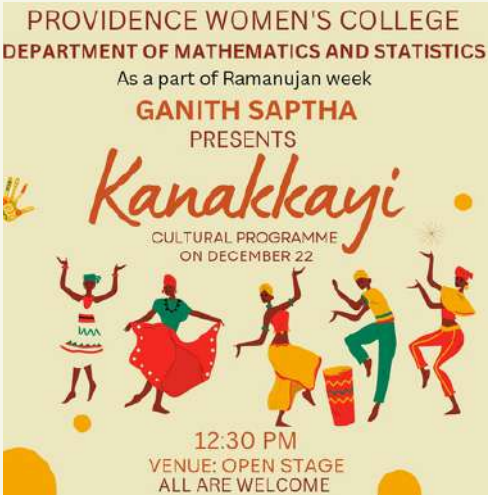
In association with Ramanujan week celebration, the Department of Mathematics and Statistics organized a 1-week program titled 'GANIT SAPTAH', which started on 19th December aiming at enlightening the students about Sri Srinivasa Ramanujan and his works.

- The quiz club 'To Infinity and Beyond' conducted a Logo Quiz on 19th December 2022
- Conducted a food fest 'Thakkaram' on 20th December 2022 in the Arts Block premises.
- Organized a riddle solving competition - 'Enigmaths' on 20th and 21st of December 2022.
- An exhibition named 'The Lost Notebook' was inaugurated by Dr. Sr. Jaseena Joseph and Ms. Bindu Amat on 21st December 2022





- Screened 'The Man Who Knew Infinity' and 'The Imitation Game' on 21st December 2022
- Organized a cultural program 'Kanakakayi' on 22nd December 2022 at the open stage.



4 FEBRUARY 2023
ALUMNI MEET

An Alumni Meet was organized on 4th February 2023 where 26 number of Alumnae participated. Ms. Aiswarya Paul addressed the gathering after which all the participants got to know each other. Ms. Arya Manohar of 2022 batch entertained the meet with a short dance and many others shared memories of their college days.



PROUD MOMENTS !

Department of Mathematics and Statistics

PROVIDENCE WOMEN'S COLLEGE

BSc Mathematics 2019 -22

CALICUT UNIVERSITY

RANK HOLDERS



ADITHYA MANI P

7th rank



ABHIJAYA V V

7th rank

CONGRATULATIONS

PROVIDENCE WOMEN'S COLLEGE

Department of

Mathematics & Statistics

2019-2022

O Grade holder



Adithya Mani P
9.5

A+ Grade holders



Abhijaya. V.V
9.45



Akshara Viswanath C
9.183



Liya Mariya Jose
9.075



Anagha K
8.908



Archana. V. D
8.642



Anagha. D
8.625

A Grade holders



Swathi. B.S



Arunima. K. D



Meghna. K



Sreeshma. D



Minha. D



Niketha. Mohan



**Krishna
Chandrasekharan**



1 JUNE 2022

Dr. Nitha Niralda joined the Department of Mathematics as Assistant Professor on 1 June 2022.



10 & 11 DECEMBER 2022

Fathima Bathool K., student of 2nd year B. Sc Mathematics participated in 'Longest Abacus Maths Marathon' an event of answering 3000 questions using Abacus in 30 hours and won a certificate from the Universal Records Forum world record



Fathima Fahmiya N.K , 1st year B. Sc Mathematics being an active member in IPM recieves certificate for 3 days community volunteers training programme conducted by Institute of palliative medicine, Calicut



Fathima Afra of 2nd Year B.Sc Mathematics was selected for the Inter-Battalion Firing Competition that was conducted from 27th November to 3rd December 2022

MATHEMATICS IN AGRICULTURE

PROJECT REPORT SUBMITTED TO
CALICUT UNIVERSITY

BY

ALEESHA ELIZABETH RAJU
REG NO : PWAUSMT023

AMRUTHA N REG NO : PWAUSMT024

ANITTA PETER REG NO : PWAUSMT025



DEPARTMENT OF MATHEMATICS
PROVIDENCE WOMEN'S COLLEGE

CALICUT-673009

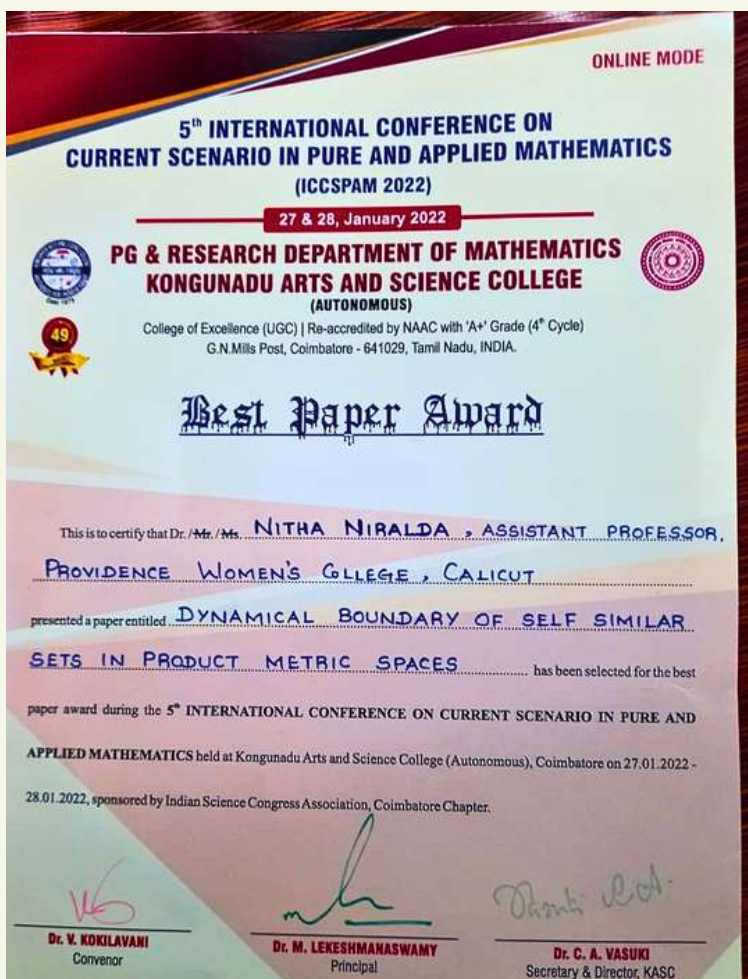
2020-2023

BEST B.SC PROJECT WITH PRACTICAL APPLICATIONS

The project on the topic Mathematics in Agriculture was done by Amrutha N, Aleesha Elizabeth Raju and Anitta Peter. After collecting data from nearest agriculture office, simplex method and assignment method in linear programming were used to enhance the productivity of the crops by identifying the perfect area for it. Travelling salesman problem was also used to increase the profit of selling these crops.

BEST PAPER AWARD

Dr. Nitha Niralda was presented the Best Paper Award for her presentation on the paper entitled 'Dynamical Boundary of Self Similar Sets in Product Metric Spaces' during the 5th International Conference on Current Scenario in Pure and Applied Mathematics organised by the PG and Research department of Mathematics, Kongunadu Arts and Science College.





31 AUGUST 2022

As a part of extension activity, Onam Celebration was organized for students of AMLP School, Parambil Bazar on 31st August 2022.

About 50 students of AMLP and 15 students from the department participated in the program. Various games and cultural events were conducted and prizes were distributed to the winners.

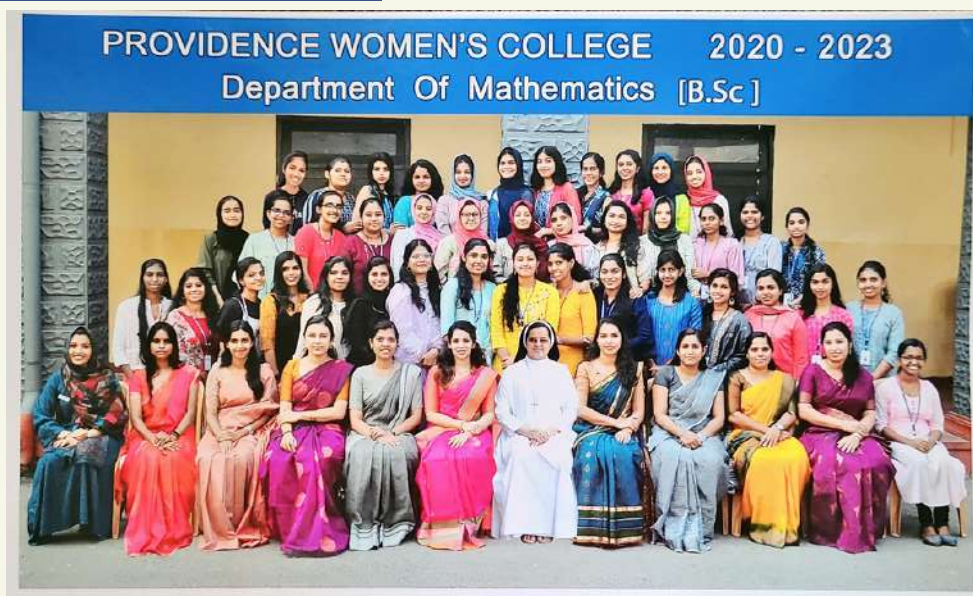


MoUs OF THE DEPARTMENT

1. Department of Mathematics, Providence College for Women, Coonor, Tamil Nadu
2. Department of Mathematics, WMO Arts and Science College, Muttil, Wayanad

OUTGOING BATCHES

OUTGOING B.Sc BATCH



OUTGOING M.Sc BATCH

