

Mahatma Gandhi College, Iritty

PG Department of Mathematics

Annual Report 2023-24

1. Result 2022 -23

Pass percentage	:MSc- 75%
	: BSc-70.59%
Toppers	: MSc- Shahala Sulthana
	:BSc- Aiswarya K

2. Seminar/ Workshop/Programmes organized by the Department` (With Date)

- i) Farewell programme of Third year BSc Mathematics “Exit-20” on 22.06.2023.
- ii) “LalithamGanitham” programme in association with NSS on 12.08.2023.
- iii) Teachers’ day celebration on 05.09.2023.
- iv) Rubik’s Cube Solving Competition “A Minutes to Learn, a Lifetime to Master- Cracking the Cube” on 27.10.2023.
- v) Entrance Exam Coaching by Mr Amal K on 19.12.2023
- vi) NET Coaching by Mr Anurag K on 19.12.2023
- vii) X’ Mas celebration on 22.12.2023.
- viii) Alumni meeting on 26.12.2023.
- ix) USS Coaching by II Year MSc students.
- x) Seminar by Dr AnoopV on the topic “Theory of Proofs” on 04.01.2024.
- xi) E-football Tournament on 23.01.2024.
- xii) Centre for Madhava Mathematics Exam, held on 07.01.2024.
- xiii) Seminar by Ms Anjali P K in association with Mathematics Association Inauguration on 01.02.2024.

3. PTA (Class wise) meetings (With Date): I Year-29.11.2023

:II Year-29.11.2023

: III Year- V Sem online meeting on 18.06.2023

VI sem offline meeting on 03.01.2024

4. Membership of Faculty members in academic bodies

Dr Bijumon R: Member, Academic Council, Kannur University

Dr Bijumon R: Core Committee Member - Implementation of FYUGP Programme in Affiliated Colleges of Kannur University w.e f 2024-25

Dr Bijumon R: Master Trainer - Implementation of FYUGP Programme in Affiliated Colleges of Kannur University w.e f 2024-25

Dr Bijumon R: Chairman, Board of Examinations, MSc Mathematics (SDE), Kannur University

Dr Bijumon R: Member, Board of Studies, Christ College (Autonomous), Irinjalakuda

Dr Bijumon R: Member, Board of Studies, Rathnavel Subramniam College of Arts and Science College (Autonomous), Sulur, Coimbatore

Mrs. Priyanka P : Chairperson – Board of Examinations,,IV Sem MSc Mathematics –Kannur University

Mrs. Haseena C: Chairperson – Board of Examinations,, III Sem MSc Mathematics –Kannur University

Mrs. Jimly Manuel- Chairperson- Board of Examinations,, I Sem MSc mathematics- Kannur University

Achievements of Faculty members and Students

a) Faculty Members

Name of Faculty: Dr. Bijumon R

➤ Participation in Seminars

1	National Workshop on Python, Geo Gebra and Cyber Security	Govt. College, Mokeri	18-19 October 2023
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➤ SWAYAM/MOOC Courses

1	Course Coordinator (Principal Investigator), Subject Expert, Presenter and Academic Reviewer (Script) of SWAYAM Course on Multivariate Calculus
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➤ Participation in Question Paper setting

1	BSc and MSc Programmes	University of Calicut
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b) Faculty Members

Name of Faculty: Mrs. Haseena C

➤ SWAYAM/MOOC Courses

1	Subject Expert and Academic Reviewer of the SWAYAM Course on Linear Programming
2	Subject Expert, Academic Reviewer (Script) and Academic Reviewer (Video) of SWAYAM Course on Multivariate Calculus

➤ Paper Presentation

1	Multi-fuzzy Subsequence and Multi-fuzzy Monotone Sequences	International Conference on Advances in Applied Mathematics(ICAAM -2024)	10-11 January 2024
2	Some operations on Multi-fuzzy Sequences in Metric Spaces	International Conference on Applied Mathematics and Nano Science (ICAMN-2024)	23-25January 2024

➤ Participation in Seminars

1	National Workshop on Python, Geo Gebra and Cyber Security	Govt. College, Mokeri	18-19 October 2023
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➤ Participation in Question Paper setting

1	MTH1C01- Algebra I	University of Calicut CBCSS-PG-2019
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c) Faculty Members

Name of Faculty: Mrs. Priyanka P

➤ **SWAYAM/MOOC Courses**

1	Subject Expert and Academic Reviewer of the SWAYAM Course on Linear Programming
2	Subject Expert, Academic Reviewer (Script) and Academic Reviewer (Video) of SWAYAM Course on Multivariate Calculus

➤ **Paper Publication**

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➤ **Paper Presentation**

1	A Weighted Approach to Enhance Multi-fuzzy Set Similarity Measures	International Conference on Advances in Applied Mathematics(ICAAM - 2024)	10-11 January 2024
2	Decomposition of Multi-fuzzy Sets using Fuzzy Matrices	International Conference on Applied Mathematics and Nano Science (ICAMN-2024)	23-25 January 2024

➤ **Participation in Seminars**

1	National Workshop on Python, Geo Gebra and Cyber Security	Govt. College, Mokeri	18-19 October 2023
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➤ **Participation in Question Paper setting**

1	MTH1C02-Linear Algebra	University of Calicut
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d) Faculty Members

Name of Faculty: Mrs. Jimly Manuel

➤ **SWAYAM/MOOC Courses**

1	Subject Expert, Academic Reviewer (Script) and Academic Reviewer (Video) of SWAYAM Course on Multivariate Calculus
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➤ **Paper Publication**

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➤ **Paper Presentation**

1	On Digraphs Associated with Nonzero Elements of finite cyclic group	International Conference on Applied Mathematics and Nano Science (ICAMN-2024)	23-25 January 2024
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➤ **Participation in Seminars**

1	National Workshop on Python, GeoGebra and Cyber Security	Govt. College, Mokeri	18-19 October 2023
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➤ **Participation in Question Paper setting**

1	MTH1C02-Linear Algebra	University of Calicut CBCSS-PG-2019
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e) **Faculty Members**

Name of Faculty: Mrs. Maya P V

➤ **SWAYAM/MOOC Courses**

1	Subject Expert, Academic Reviewer (Script) and Academic Reviewer (Video) of SWAYAM Course on Multivariate Calculus
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➤ **Paper Publication**

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➤ **Paper Presentation**

1	Applications of Bessel Polynomials with I-Function of Several variables in Time Domain Synthesis Problem.	International Conference on Applied Mathematics and Nano Science (ICAMN-2024)	23-25January 2024
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➤ **Participation in Seminars**

1	Participated District Level Orientation Programme in connection with the implementation of FYUGP.	Kannur University, Thavakkara	14 December 2023
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f) Faculty Members

Name of Faculty: Mrs. Vidya T M

➤ **SWAYAM/MOOC Courses**

1	Subject Expert, Academic Reviewer (Script) and Academic Reviewer (Video) of SWAYAM Course on Multivariate Calculus
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➤ **Paper Publication**

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➤ **Paper Presentation**

1	An Expansion Formula for I-Function of Several Variables.	International Conference on Applied Mathematics and Nano Science (ICAMN-2024)	23-25January 2024
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➤ **Participation in Seminars**

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Students Achievements

- Merit Scholarships
- Department Endowment Winners
- NET/SET/Competitive Examination Winners
 - Hiran Das P (BSc, MSc Mathematics 2019-2021) Qualified JRF (AIR -71)
 - Anurag K (BSc Mathematics 2019-2022) Qualified NET (AIR -84)
- Placements
- Selected for NIC (National Integration Camp)

➤ Achievements in Arts

1. Abhinand K secured II place with A grade in Charcoal Drawing in Kannur University Arts Festival.

➤ Achievements in Sports

➤ Other Achievements (like Fest,)

1. Amal Raj M C got third place in the District level quiz competition conducted by Excise Department, Kannur on 20.12.2023.

2. Amal Raj M C got First place in the Gandhi Quiz competition conducted by K P Nooudheen Sahib Central Library on 11.10.2023

3. Jwala got Second place in Speech competition conducted by Bhoomithrasenaclub on 4.10.2023

4. Akshaya R P and Amal Raj M C got first and II place in G K Quiz conducted by K P Noorudheen Sahib Central Library on 30.01.2024.

4. Anurag –got second place in intercollegiate Men’s Softball Championship-Kannur University. 5. Muhammed Ziyad got second place in intercollegiate Men’s Softball Championship-Kannur University.

6. Anand Sreedharan- Kerala sreeman

7. Anwar Sadath, Mikdad M A and Abhinand K got first place in ‘Savour Fest’, a food fest conducted by Commerce Association 2023-2024.

8. Sneha Antony got fourth place and A grade for Margamkali -Kannur University

➤ *Any Other Matter to be noted*

The Mathematics Department got second place in the department wise magazine competition.