

MATHEMATICS ASSOCIATION

REPORT 2019-2020

OFFICE BEARERS

Teacher – in- charge : **Prof. Tessymol Abraham**

Association Secretary : **Nidheesh P.P**

Class Representatives :

Sl.No.	Class	Boy Representative	Girl Representative
1	D1 Maths	Aravind Rao	Keerthana Sajeev
2	D2 Maths	Anoop Thomas	Nisha Joyce Samuel
3	D3 Maths	Gautham S	Nanditha Rajeev

The year 2019-2020 was a joyful year for the association of Mathematics . The successful journey of the department has started in the year 1967 and still keeping on achieving its glory in all endeavors. Various programs have been conducting during this year .

ACTIVITIES OF THE ASSOCIATION DURING THE YEAR 2019-2020

INAUGURATION OF ASSOCIATION & THE LECTURE SERIES

LECTURE SERIES – I

The Association of Mathematics commenced its works on 16th July, 2019 with the inauguration of Mathematics Association. The Lecture Series on ‘*Applications of Mathematics*’, is also inaugurated in this occasion. The chief guest was Dr.Sunny Kuriakose,

Professor and Dean of FISAT, Angamaly ,Academic Secretary, Kerala Mathematical Association ,Former Principal of BPC College, .The first lecture was on the topic “*Mathematics in Real Life*” by Dr.Sunny Kuriakose. Smt. Tessymol Abraham, teacher – in – charge of association welcomed the meeting and Dr. Biju Thomas Principal of the college presided over the meeting. Dr. Annie Cherian felicitated the meeting.



*Association Inauguration moments : Chief guest Dr. Sunny Kuriakose lighting the lamp
and delivering the inaugural address*

The meeting of the Association Inauguration was begun at 10.00 a.m. The two hour class illustrated the endless impact of mathematics in the world around us while showcasing the

elegance and functionality of mathematics. The programme ended up at 1.30 pm by a vote of thanks by Mr. Nideesh P.P, the Student Convener of the association.

FRESHER'S DAY CELEBRATION

The mathematics association organized a Fresher's day celebration to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence on 26th July, 2019. The program started with lamp lightening and speech by Dr. Annie Cherian, H.O.D of the Department. Senior students arranged many activities for fresher's which include cultural events where everyone got chance



to showcase their talents. In this day where seniors and juniors finally bonded and unite to celebrated being part of the college. The function winded up at 4.30 pm.

CERTIFICATE COURSES

The department conducted a certificate course for the students on Mathematical Programming language 'PYTHON in collaboration with Kerala Mathematical Association and Department of Computer Applications, MACFAST, Thiruvalla. The course was of 30 hour duration. The inauguration of the course was on 27th August 2019. The resource person was Prof .Tiji Thomas, H.O.D, Dept. of Computer Applications, MACFAST, Thiruvalla. The course covered relevant topics on PYTHON. The Course helped students to master important Python programming concepts such as data operations and file operations .This course was also a

gateway towards Data Science career. 34 students registered and successfully completed the course.



Python programme moments

Department also conducted a certificate course on Vedic Mathematics in collaboration with Ramanuja Sarani & Cosmic Maths. The course was of 30 hour duration. The Inaugural session of the course was on 28th June 2019. The resource person was Sri. Devaraj P, vedic mathematics trainer in Ramanuja Sarani and director of Cosmic Maths. This course helped students to solve arithmetic problems in easy and faster way using a collection of Techniques or Sutras. 30 students registered and successfully completed the course.



Vedic Mathematics programme moments

PI APPROXIMATION DAY CELEBRATION

Department of Mathematics celebrated Pi day with several activities and a poster designing competition .It's topic was “Bhoomiyude Spandhanam”. The program started at 2.00pm at Education Technology Seminar Hall and Head of the Department of Mathematics welcomed the gathering .Over 13 teams from various departments participated in this competition.. Prof. Jaimy Sarah Jacob delivered the vote of thanks. The programme came to an end at 4.00pm



Poster Designing Competition

CAREER ORIENTATION PROGRAMME

An orientation class “Careers in Mathematics”, was organized for the second and third year students of B.Sc Mathematics as a motivation for the blooming buds on 14th June 2019 at Education Technology Seminar Hall. The class was taken by the eminent resource person Prof. Liju Alex, Assistant professor, Department of mathematics, B.C.M. College. This programme was extremely beneficial for the students as it helped them to understand Mathematical experts are in demand across all kinds of industries the world over. Also they revealed that a large number of math careers are based within business or science and technology-related sectors,

with math graduates occupying roles such as accountant, actuary, statistician, technician, economist or market researcher. Ms. Anagha S of D3 Mathematics expressed words of gratitude.



Prof. Liju alex addressing students in the orientation programme on 'Careers in Mathematics'

ORIENTATION FOR D1 & D2 MATHEMATICS

An orientation programme was organized for D1& D2 Mathematics on 30th August 2019 by Fr. Jison Paul Vengasserry, a motivational speaker at 10.00 am at Education Technology Seminar Hall. In the session, the students were trained to control their minds and motivated to optimize well-being, minimize physical pain, and maximize pleasure. It was truly inspiring and

students enjoyed every minute. The programme came to an end at 4.30 pm.

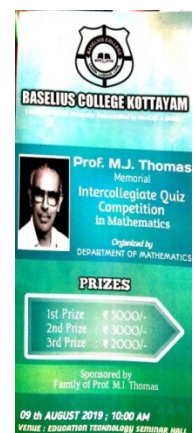


Orientation programme for D2 and D3

PROF. M. J THOMAS MEMORIAL INTER- COLLEGIATE QUIZ COMPETITION

The Inter-collegiate Quiz Competition in the memory of late Prof. M.J Thomas who is the charioteer of the Department of Mathematics and later, the Principal of the college, was conducted on 9th August , 2019.

The Quiz Competition was held at 10.00 on 9th August, 2019 at Mrs. Mammen Mappila Hall (Education Technology Hall) education Technology Seminar Hall). Prof.P.J. Joy, the retired Professor and the former HOD of the department of Mathematics, K.E. College, Mannanam. was the Quiz Master. Dr. Annie Cherian, Head of the Department welcomed the gathering. 13 teams from various colleges participated in the competition





**Winners of Quiz competition with Dr. Biju Thomas, Prof. P. J. Joy, Quiz master
&
& faculty members of Department of Mathematics**

Mr. Alex Antony and Mr. Arun Kumar of K.E.College Mannanam , Ms.Anna Sojan and Ms.Alexeena Biju of Assumption College, Changanachery bagged the 1st and 2nd prizes respectively in the competition. The 3rd prize was won by Mr. Arun J Manattu and Mr. Shimoj M.S. of St.Joseph's College Devagiri. The quiz was highly beneficial to the students. Prof.Tessymol Abraham delivered the speech of gratitude at the end

LECTURE SERIES – II

The second lecture of the series “Application of Mathematics” was on “*Application of Geometry*” by Dr. Bobby P. Mathew, Assistant Professor, St. Thomas College, Pala. It was conducted on 6th August, 2019 at 10. 00 am in Educational Technology Seminar Hall. Jaimy Sarah Jacob, Assistant Professor of the department welcomed the gathering. In the class the

recourse person discussed the nature of geometry leading to appreciation of its practical, intellectual, social, and aesthetic dimensions. The class was highly beneficial for all the students



Lecture series 2: Resource person Dr.Boby Mathew with Mathematics students

INTER COLLEGIATE MATHEMATICAL FEST-MATHSYMA 2020

The department of Mathematics successfully conducted an innovative and exciting event –State level Inter Collegiate Mathematical Fest “Mathsya” on 18th January, 2020. The inauguration of the event began with the welcome address by Association-in-charge , Department of Mathematics, Prof. Tessymol Abraham. The chief guest for the event , Dr. Mendus Jacob, M.Sc., M.Phil., Ph.D., MIOD, the CEO of IPSR is a prominent academician and entrepreneur. Reputed for his expertise in Mathematics, Management & IT education, he has received the Best Entrepreneur Award from the Chief Minister of Kerala and Excellence in the IT Education Award from the Defense Minister of India.

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Mathematics Fest “Mathsymba 2020” Moments

The various competitions conducted during the Inter Collegiate Mathematical Fest “Mathsymba 2020” are Scorching Mathelete (Mathematical Relay), Endrorar Da Vinci (Geometrical chart preparation), Humano Abacus (Human Calculator), Step-up (spot Choreo), Trio-classico (3’s Football) and project presentation competition. Over 120 students from various colleges participated in the various events.

The spectacular fest was wound up with the prize distribution ceremony which had 36 winners including those of the team and individual events. The total prize money was a whopping 32000 rupees provided by sponsors like Narmada, Kottayam, Indian Cooperative Credit Society Limited, Evermore Weddings and Mariya’s Agencies, Chingavanam..

The effort taken by the committee members and the other students in our department paid off and the event was a success. This only showed the students love and enthusiasm for mathematics.

MATHEMATICS COLLOQUIUM

A Colloquium for Mathematics was started in order to provide a platform for interaction and discussion on recent developments and trends in the area of Mathematics. The programme is designed such that a topic in Mathematical Science is presented by a student or a faculty member every month (preferably on third Friday of every month, evening 4 to 4.45 pm) and discussions are carried out after presentation of the topic. All teaching faculty members of the department, toppers of the three classes and other interested students are the members of the club. By means of this programme, students can develop, and improve their communication skill, create understanding in the audience, disseminate new informations to the audience, learn how to develop a power point or a video presentation and motivate the peer groups or audience to take action in response to their message.

The first presentation of the colloquium was on 13th January 2010 by Ms. Anagha S of D3 Mathematics. She presented the topic 'Finite State Machine'. The second session was on 17th January 2010 on the topic 'Soft Set' by Megha Viju D3. On 24th January 2010 Ms. Manna Chin Abraham of D3 Mathematics presented a project on the topic 'A Study on Graceful Graph'. As these were new topics for the entire mathematics students, they were highly interested and benefited.



Moments of Mathematics Colloquium

STUDY TOUR

The annual tour for final year B.Sc students of the Department of Mathematics was from 13th to 16th December 2019 to *Malpe* and *Coorg*. A total of 42 students of 25 girls and 17 boys were accompanied by 2 supervising staffs; Prof. Tessymol Abraham and Ms Seethlakshmy Babu .



Study Tour 2019 -Moments

FAREWELL FOR OUTGOING STUDENTS

In an emotionally surcharged atmosphere inside the Mrs. Mammen Mappila Hall (Education Technology Hall) of the Baselius College, the students, and teachers of the mathematics association bid adieu to the mathematics students of 2017-2020 batch at a grand farewell function “UNTIL WE MEET AGAIN” on 20th February, 2020. The programme commenced

with the address by the H.O.D, Dr. Annie Cherian where she wished all the students luck for their future endeavors which was followed by a special felicitation by Tessymol Abraham, class teacher of final year students. Token of love and appreciation was given to the outgoing students by their juniors. Some exciting games were also arranged for the outgoing students like musical chair, Balloon blowing etc. and were enjoyed by all. Juniors presented very entertaining group dance, solo dance and solo song performances. The students of the final year brought tears to the eyes of all present by the recollection of their college days. Anjana Unnikrishnan and Ajay Sajeer shared their experiences and memories of their beloved seniors. A video presentation by the juniors made everyone mushy. It reminded them of their yesteryears . The programme concluded with vote of thanks by Sarangi Sajith Kumar. The day was a memorable one both for the outgoing batch and the teachers.



Farewell Moments

EXTENSION ACTIVITIES

As an extension activity the association of Mathematics organized a coaching programme for school children. 20 students from D1, D2 and D3 Mathematics had been taking classes for students in Government Model High School during the month from July 2019 to February 2020 on basic concepts of Mathematics.

ACHIEVEMENTS OF STUDENTS

During this academic year, our students won prizes in various academic and cultural activities held inside and outside the campus. Also, many students gathered prizes in the competitions conducted by the Arts Club of the College.

I. ACADEMIC ACHIEVEMENTS

Placements

- Ms. Sneha Ann Boban got placement as Trainee-computer applications in WIPRO on 28th January 2020
- Ms. Neenu Ann Punnoose got placement as Trainee-computer applications in WIPRO on 28th January 2020
- Ms. Shema Mariam Andrews, Ms. Megha Viju and Mr.Rony Thomas of D3 students got selection as Trainee- in Goan Institute International Consociation of Education (GICE) on 5th March 2020

Inter-Collegiate Level

- Ms.Manna Chin Abraham of D3 Student secured first position in Integration BEE competition organized by department of Mathematics BCM college Kottayam on 10th January 2020.

II. CO-CURRICULAR ACHIEVEMENTS (Sports/Arts)

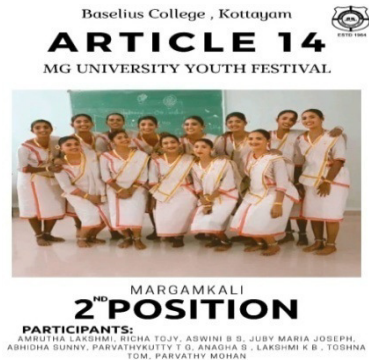
a) Achievements outside the College

- Nideesh P.P of D3 Mathematics was selected as best male volunteer NSS ,M.G university
- Ms. Anagha S. & Mr. Sarath Babu of D3 Mathematics won first prize in spot dance in the Inter-collegiate literary fest ‘RHETORICA 2020’ conducted by Department of English K.G. College, Pampady on 4th January 2020.
- Ms. Anagha S.,Ms. Rose Tresa George ,Mr. Ausin Jose Kurian & Mr. Sarath Babu of D3 Mathematics won first prize in Treasure Hunt in the Inter-collegiate literary fest ‘RHETORICA 2020’ conducted by Department of English K.G. College, Pampady on 4th January 2020.
- Ms. Anagha S.,Ms. Rose Tresa George ,Mr.Ausin Jose Kurian & Mr. Sarath Babu of D3 Mathematics won overall champions in Inter-collegiate literary fest ‘RHETORICA 2020’ conducted by Department of English K.G. College, Pampady on 4th January 2020.



Ms. Anagha S., Ms. Rose Tresa George, Mr. Ausin Jose Kurian & Mr. Sarath Babu of D3 Mathematics with overall Trophy in Inter-collegiate literary fest 'RHETORICA 2020'

- Ms. Abhidha Sunny, Ms. Anagha S, Ms. Aswini B.S. Ms. Alan Maria Sebastian & Ms. Parvathykutty T.G of D3 Mathematics won second position in Margam Kali in university Kalolsavam 2020.



b) Achievements inside College

- Nideesh P.P of D3 Mathematics was selected as the best outgoing student in the academic year 2019-2020
- Rony Thomas of D3 Mathematics was selected as the best NCC cadet in the academic year 2019-2020
- Anup Suresh, Akshai S Chandran, Rony Thomas, Tony Thomas, Nideesh P.P, Nikhil Mohanan, Gautham S, Godson M.M., Sarath Babu, Lan P. Kuttan, Abhijith Prasad, Austin

Jose Kuriakose, Harisankar, Ajay Sajeev and Amal S Nair got first position in BPL- Baselian Premier League on 20th February 2020.



BPL_Mathematics Team

- Akhshi S Chandran . of D3 Mathematics won 1st prize for Best smile Competition in the College Arts festival.
- Alan Roy of D2 Mathematics won 2nd prize for Best smile and ,Mr.Beard Competition in the College Arts festival.
- Sarath Babu S. of D3 Mathematics won 2nd prize for Mono Act Competition in the College Arts festival.
- Ms. Abhidha Sunny, Ms.Anagha S, Ms.Manna Chin Abraham & Ms. Parvathykutty T.G of D3 Mathematics won 1st prize for in Margam Kali n the College Arts festival.
- Kesia Sarah Koshy and Aswathy V.A won 3rd prize for Group dance Competition in the College Arts festival.
- Anagha S of D3 Mathematics won 3rd prize for Miss Baselian Competition in the College Arts festival.

- Ms. Abhidha Sunny, Ms.Anagha S, Ms. Kesia Sarah Koshy & Ms. Parvathykutty T.G of D3 Mathematics won 3rd prize for in spot choreo competition in the College Arts festival.

SEMINARS AND CAMPS ATTENDED

- Mr.Junaid Shah, Mr.Joel Kurian Joy, Mr.Jayasurya Anil, Ms.Anu Aravind and Ms.Niranjana S attended two day field trip to NIT Calicut and IIM Calicut in connection with WWS programme on 7th and 8th December, 2019.
- Mr.Sarath Babu S, Ms.Manna Chin Abraham, Mr.Harisankar K, and Ms.Megha Viju. of D3 Mathematics participated in a two days Seminar- Prof.S.Abraham Endowment Seminar -held at S.B.College Chenganassery during 18th – 6th December 2019.
- Ms.Shilpa Annie John of D2 student participated state level three day residential camp'Smarananjali held at S.H College Thevara from 6th - 8th December 2019.
- Mr.Arun V.S of D2 student participated state level three day residential camp'Karuthaam Bhoomiye Nalekkayi' held at St.Mary's College manarcadu from 22nd - 24th November 2019.
- Mr.Rony Thomas and Ms.Abhidha Sunny attended Inter Battalion Competition ,RDC of NCC held at Devamatha College, Kuravilangad from 06.09.2019 to 15.09.2019.



Mathematics Family

In this year of Association, we were able to organize several programmes for the welfare of students. Besides, we acquired achievements in various fields with the mutual cooperation of teachers and students of this Association. We are proud to say that we succeeded in every efforts of the development of our department. It's all because of the unseen presence of God Almighty that we were able to fulfill our dreams. In the upcoming years we wish the department to flourish in all its horizons.