

Baselius College KOTTAYAM

2021-22

MATHEMATICS ASSOCIATION REPORT 2021-22



Annual Report
Mathematics Association
Year: 2021-22



A Quality Assurance Venture of IQAC
Baselius College, Kottayam

Certificate Page

This is to certify that the following is a bonafide record of activities and achievements of **Mathematics** Association for the academic year 2021-22. Necessary supporting documents have been attached wherever possible.



Tessymol Abraham

Teacher-in-charge

Verified



IQAC Co-ordinator.

Counter-Signed by



PRINCIPAL

Contents

Slno	Description	Page No.
1	Part A- 1.1 Details of the Club	5
2	Part A- 1.2 Office Bearers and Executive Committee details	5
3	Part A 1.3 - Plan of Action	6
4	Part B - 2.1 Talks/Lectures/ Workshops Conducted	8
5	2.2a Competitions Organised within the College	18
6	2.2b Inter-Collegiate Competitions Organised	32
7	2.3 Cultural Programmes Organised	43
8	2.4 Extension and Outreach Programme Organised	52
9	2.5 Skill Development Courses Organised	56
10	2.6 Certificate Programme/ Diploma Organised	56
11	2.7 Student Achievements	56
12	2.8 Any Other activity/point worth mentioning	57
13	Appendix -1	61
14	Appendix - II	73

Mathematics Association 2021-22

Part - A

- 1.1 Name of the Association** - Mathematics Association
- e-mail address - mathematics@baselius.ac.in
- Social media details <https://www.facebook.com/mathbaselius>
- Name of the teacher in charge - Tessymol Abraham
- Name of the Club Secretary - Amal S Nair
- Contact Nos.
- Teacher-in-charge - 7012307076
- Secretary - 8848670844

1.2 Executive Committee Details

Sl No	Name of the member	Designation/ Class/ Position
1	Abhijith K.S	M2 Data Analytics
2	Susan Vinod	M2 Data Analytics
3	Harikrishnan N S	M1 Data Analytics
4	Ancy Samuel	M1 Data Analytics
5	Amal S Nair	D3 Mathematics
6	Keerthana Sajeev	D3 Mathematics
7	Abhijith Suresh	D2 Mathematics
8	Tisha Elsa Joseph	D2 Mathematics
9	Jayasoorya K A	D1 Mathematics
10	Anjitha Santhosh	D1 Mathematics

Mathematics Association 2021-22

SI No	Date of the Meetings	No of participants
1.	21-06-2021	10
2.	09-08-2021	10
3.	01-09-2021	12
4.	01-10-2021	13
5.	08-11-2021	13
6.	22-11-2021	13
7.	05-01-2022	12
8.	12-01-2022	13
9.	08-02-2022	12
10.	21-02-2022	12

(Soft copy of minutes signed by Secretary, Teacher in charge - See Appendix - I)

1.3 Plan of Action

Plan of Action	Proposed Date/ Month	Status of attainment at the year end
Orientation Programme for Students	June	24-06-2021
Workshop for Data analytics students	August	16-08-2021
Inter-collegiate Quiz Competition	September	14-09-2021
Inauguration of Association	October	08-10-2021

Mathematics Association 2021-22

Orientation Programme for M1	November	23-11-2021
Lecture Series -Lecture- I	November	26-11-2021
Lecture Series -Lecture-II	January	17-01-2022
Inter-Collegiate Presentation Competition	February	26-02-2022
One Day Workshop-Role of Statistics in Data Analytics	February	24-02--2022
Certificate Programme	January	10-02-2022
Extension Programme	January	12-02-2022

Part – B

- 2.1 - Talks/Lectures/ Workshops Conducted
- 2.2a - Competitions Organised within the College
- 2.2b - Inter-Collegiate Competitions Organised
- 2.3- Cultural Programmes Organised
- 2.4- Extension and Outreach Programme Organised
- 2.5- Skill Development Courses Organised
- 2.6- Certificate Programme/ Diploma Organised
- 2.7-Student Participation and Achievements outside
- 2.8- Any Other activity/point worth mentioning

2.1 Talks/Lectures/ Workshops Organized/ Conducted

Summary:

Sl No	Title of the Programme	Name of the Resource Person	No. of participants	Links available if
1.	Orientation Programme <i>Stay Positive for Students</i>	Dr.P.V.Viswanathan Nampoothiri, Research Guide, Department of Sanskrit, Baselius College, Kottayam (Retired)	64	
2.	Workshop on Regression Analysis	Mr.Rasin R.S,Assistant Professor,Department of Statistics,St.Thomas College,Thrissur	11	

Mathematics Association 2021-22

3.	Association Inauguration - Talk	Dr.Ambat Vijayakumar, Vice President,Ramanujan Mathematical Society,Emeritus Professor,Department of mathematics CUSAT	105	
4.	Orientation Programme for M1- Unlock Data Using Analytics	Dr.Prem Sankar C,Lecturer,Department of Futures Studies,University of Kerala	12	
5.	Lecture - I of Lecture Series One to Infinity on Math on the Reel	Dr.Pramada Ramachandran,Assistant Professor,Department of Mathematics,St.Paul's College Kalamassery	107	
6.	Lecture - II of Lecture Series One to Infinity on Advances in Graph Theory	Dr.Aparna Lakshmanan S,Department of Mathematics,CUSAT	107	
7.	One Day Workshop-Role of Statistics in Data Analytics	Mr. Renji V. Mathew, Senior Associate Analyst at Infosys Pvt Ltd	12	

Mathematics Association 2021-22

Summary of Reports of each Activity

1. MOTIVATIONAL TALK-STAY POSITIVE

DEPARTMENT OF MATHEMATICS
Baselius College, Kottayam
(NAAC re-accredited with A Grade)
In association with IQAC

STAY POSITIVE
A Motivational Programme for Students

Date: 24 June, 2021 Time: 11:00 am

Resource Person
Dr. P. V. Viswanathan Nampoothiri

Research Guide in Sanskrit,
M.G. University, Kottayam.
Former faculty in the
Department of Sanskrit,
Baselius college, Kottayam.
A teacher, writer and
spiritual advisor.

*"Education is not preparation for life;
education is life itself."*

Principal: Dr. Biju Thomas
HOD: Dr. Annie Cherian
Coordinators: Jenny Sarah Jacob
Tomyini Abraham

Please join the session using the link below

Google Meet: <https://meet.google.com/tqz-gmhc-tdf>

The Mathematics department of Baselius college conducted a motivational programme for students on the topic "STAY POSITIVE ".Dr Viswanathan Nampoothiri ,former faculty in the department of sanskrit ,Baselius college was the resource person for the programme .The programme got conducted on 24th June 2021 at 11 am with the participation of about 64 students of our association. The programme started off with a prayer song and Dr.Annie Cherian ,H.O.D, Department of mathematics welcomed the meeting.

The session was clearly about to stay positive and how to spread positivity . The active responses of students were the highlight of the programme. The session took about one hour and got wind up by 12 'O' clock. Keerthana Sajeev, D3 Mathematics student delivered the vote of thanks.

Mathematics Association 2021-22

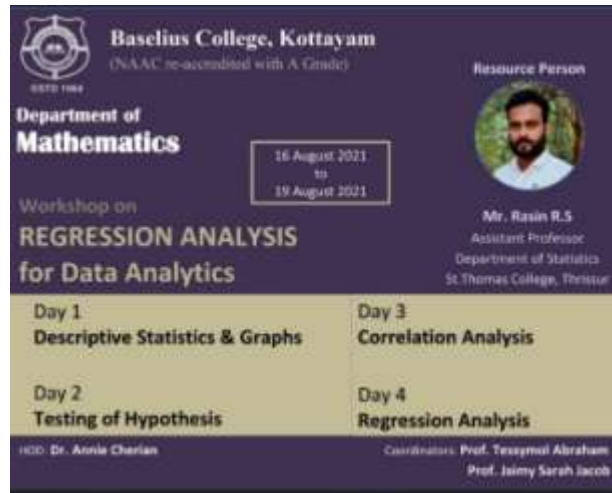


Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Mahitha Girish	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Malavika M.K	Pournamy Babu
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	
Ansu Marium Shibu	Parvathy Jayan	Arathi Pradeep	
M2 Data Analytics			
Abhijith K S	Anjana Ajikumar	Anoop K Jomi	Neenu Anna Punnose
Gopika A Nair	Jincy Jacob	Rose Shaji	Elsa Raju
Sandra Georgekutty	Sandra P S		

Mathematics Association 2021-22

2. WORKSHOP ON REGRESSION ANALYSIS



The workshop on regression analysis for data analytics was held from August 16th to August 19th, 2021 by the Department of Mathematics. The class was taken by Mr. Rasin R.S. of St. Thomas College, Thrissur. The session was on the Google Meet platform and started on August 16, 2021 at 7.30 pm with the presence of Dr. Annie Cherian, Head of the Mathematics Department. Minu Genty, computer science teacher, welcomed everyone.

The first day of the class was on the topic of descriptive statistics and graphs. After the class, there was a group discussion and a doubt clearance session. The first day ended with the thanks of Thejas Eldhos Kurian as the student representative at 9 p.m. On the 17th, the second day was a class on the topic of testing hypotheses. The class was from 7.30 pm to 9.00 pm. After the group discussion and doubt clearance, Jincy Jacob represented the students and thanked them. On the third day, Wednesday, August 18, 2021, class was taken on Correlation Analysis. The class was from 7.30 to 9 pm as usual. After the interaction session, representative Abhijith KS expressed his gratitude. On the last day, the class was based on regression analysis. The R-programming of everything was shown successfully. After class, each student shared their experience and had a talk. Representing the students, Sandra PS thanked them. Mrs. Seethalakshmi Babu, as teacher representative, concluded the workshop.

Mathematics Association 2021-22

Participant Details

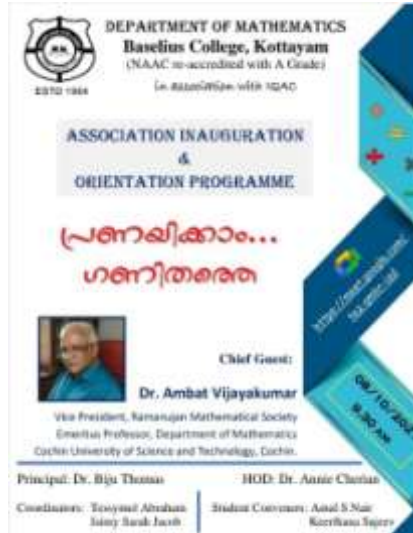
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos Kurian	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	



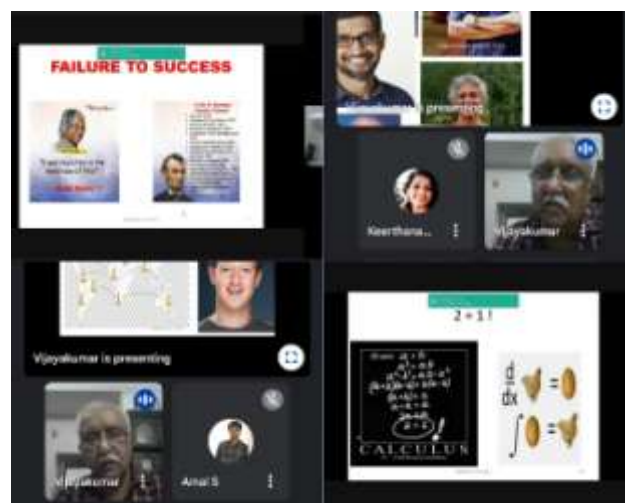
Mathematics Association 2021-22

3. ASSOCIATION INAUGURATION – TALK

The Mathematics Association 2021-22 was launched on October 8, 2021, on an online platform. Dr. Ambat Vijayakumar, Professor of Mathematics at CUSAT Cochin, was the program's featured speaker.



The event began at 9:30 am with a prayer, followed by an inauguration function and an orientation lesson on the topic "PRENAYIKKAM GANITHATHE." The focus of the session was on the fundamentals of mathematics and the scope of mathematics studies. That was, without a doubt, an interactive session. Prof. Tessymol Abraham and HOD Annie Cherian gave welcoming and presidency remarks, respectively, while Sandra, a final-year PG student, expressed her best wishes for the programme. The seminar lasted around 2 hours and included 96 members of our organisation. The meeting was a success.



Mathematics Association 2021-22

Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji

Archa.S.Manohar

Ajmal K

Amritha Mariyam Saji

Anna M Benoy

Archa.S.Manohar

Mathematics Association 2021-22

4. ORIENTATION PROGRAMME FOR M1-'UNLOCK DATA USING ANALYTICS'

Archa.S.Manohar	Nandana Pradeep		
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos Kurian	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	Rose Shaji
M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R Nair
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair



The programme officially started with a prayer song by the student of the 1st M.Sc. Data Analytics, Nandana M. Ms. Minu Genty, lecturer of Data Analytics, spoke about the importance of analysing data and welcomed everyone to the orientation programme. Dr. Prem conducted the session effortlessly by giving real-life examples and technical details, thus increasing the curiosity of the students. He began with the applications of data science and the need for analysis of data, and then described each step a data scientist needs to perform in a very simple manner.

Mathematics Association 2021-22

After a small break, Dr. Prem asked every student to introduce themselves and share their ambitions. All the students participated throughout the programme with enthusiasm. Grace Sabu George of 1st M.Sc Data Analytics did the anchoring. Soumya S. Nair delivered the vote of thanks and concluded the session. The programme took almost 2 hours, and students gained a lot of information and guidance to succeed in their academic and professional lives.



Participant Details

M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Rose Shaji	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	Thejas Eldhos Kurian

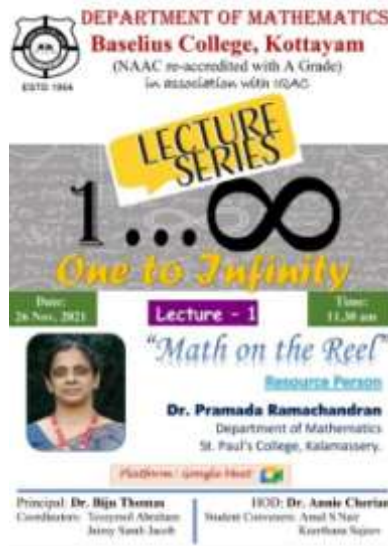
LECTURE SERIES- 'ONE TO INFINITY'

The association has been conducting Lecture Series on various topics each year to keep every student up to date with the new trends in mathematical sciences. This year, we carried out with two lectures.

1. LECTURE-I-MATH ON THE REEL

The first lecture, 'Math on the Reel' of the lecture series was held on 26th November 2021 via Google Meet. The resource person was Dr.Pramada Ramachandran, Assistant Professor, Department of Mathematics, St. Paul's College, Kalamassery.

Mathematics Association 2021-22



The programme started at 11:30 am with a prayer by Ms. Reenu Abraham of D3 Mathematics and Prof. Jaimy Sarah Jacob welcomed the gathering thereafter. The Head of the Department, Dr. Annie Cherian felicitated the programme. Overall, 90 students of the second and third year participated in the meeting.

Throughout this session, students learned that cryptography is a critical technique for safeguarding data in computer systems. They also studied how cryptographic systems work and how to apply them correctly in real-world situations. The class started with a detailed explanation of how two parties with a shared secret key may communicate securely even if a formidable attacker listens in and tampers with communications. The class was followed by students' feedback. The programme wound up at 1:00 pm after the vote of thanks by the association secretary.



Mathematics Association 2021-22

Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A

Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra	Rose Shaji

Archa.S.Manohar

Mathematics Association 2021-22

M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

6. Lecture-2-Advances in Graph Theory

The second lecture, 'Advances in Graph Theory' of the lecture series was held on 17th January 2021 via Google Meet. The resource person was Dr. Aparna Lakshmanan S, Department of Mathematics, Cochin University of Science and Technology. The programme began at 7:00 p.m. with a prayer by Ms. Anjana S of D3 Mathematics, followed by Prof. Tessymol Abraham's welcome the meeting drew a total of 74 students from the second and third years.



The class provided students with a simple approach to visualising many significant mathematical conclusions, as well as insights into the underlying theories. They also learned how GPS systems calculate the shortest routes, engineers create integrated circuits, biologists assemble genomes, and why a political map can always be coloured with only a few colours. The class was followed by students' feedback. The programme wound up at 8:30 pm after the vote of thanks by the association secretary.

Mathematics Association 2021-22



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D

Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.

Anna M Benoy

Archa.S.Manohar

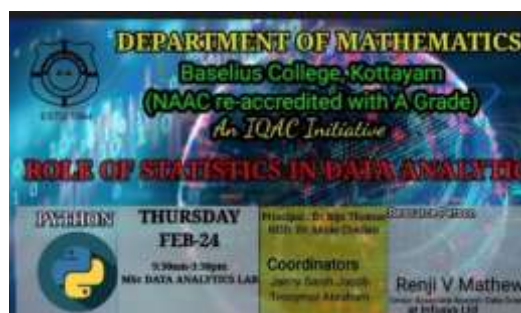
Ajmal K

Mathematics Association 2021-22

Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos Kurian	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	Rose Shaji
M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R Nair
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

7. Role of Statistics in Data Analytics

The one day workshop on ‘Role of Statistics in Data Analytics’ for data analytics was held on 24th February 2022 by the Department of Mathematics. The class was taken by Mr. Renji V Mathew, Senior Associate Analytics-Data Science at Infosys Ltd. The session was on offline mode and started with the presence of Dr. Annie Cherian, Head of the Mathematics Department. Jinta Tom, Statistics teacher, welcomed everyone.



The resource person explained how statistics help to deal with the collection of data, tabulation, and interpretation of numerical data. Also, he explained that statistics is a form of mathematical analysis that uses different quantitative models to produce a set of experimental data or studies of real life. This session dealt with how data can be used to solve complex problems using the R programme. Representing the students, Ancy Samuel thanked and Mrs. Seethalakshmi Babu, as teacher representative, concluded the workshop.

Mathematics Association 2021-22



Participant Details

M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R Nair
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

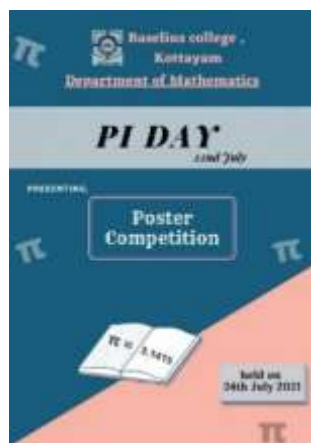
2.2a Competition Organized within the College

Summary:

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Poster Making	Inter-Department	10
2.	Inter -Department E-	Inter-Department	106
3	Inter-Department Online	Inter Department	32

Mathematics Association 2021-22

I. POSTER MAKING COMPETITION



The Department of Mathematics celebrated Pi Approximation Day on July 22nd, 2021 with several activities and a poster-making competition. Its topic was "Pi-My Views." The competition was completely online. The competition started at 2.00 pm in online mode, and the Head of the Department of Mathematics welcomed the gathering. Over 10 students from various departments participated in this competition. The participation from other departments was commendable. Prof. Jaimy Sarah Jacob delivered the vote of thanks. The programme came to an end at 4.00pm.

The results of the competition were as follows: 1. Haripriya P Nair-D2 Physics 2. Malayalam Meenu Johny-D3. Politics of Anagha S-D3 e-Certificates were provided to the winners.

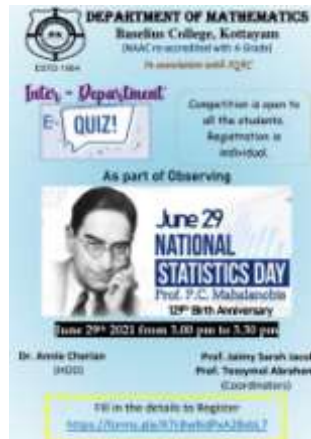


Participant Details

Alfiya Muhammed-D3 Zoology	Jerin V Raphel-M2 Economics	Anagha S-D3 Politics	Meenu Johny-D3 Malayalam
Bijin Abraham Thomas-D2 Commerce	Lakshmi S Nair-D3 Chemistry	Haripriya P Nair- D2 Physics	
Sajna Beegum-D2 Zoology	Devika P. Deepak - D3 Chemistry	Arunima N Mohan-D3	

Mathematics Association 2021-22

I. INTER -DEPARTMENT E-QUIZ



DEPARTMENT OF MATHEMATICS
Baselius College, Kottayam
(MAAC) Accredited with A Grade
In accordance with AQAC

Inter - Department
E-QUIZ!

Competition is open to
all the students.
Registration is
individual.

As part of Observing

June 29
NATIONAL
STATISTICS DAY
Prof. P.C. Mahalanobis
(50th Birth Anniversary)

June 29th 2021 from 3.00 pm to 3.30 pm.

Dr. Anila Cherian
(HOD)

Prof. Jimmy Sarah Jacob
Prof. Tessyrol Abraham
(Co-ordinators)

For in the details to Register
https://forms.gle/9Tz2e6oPwA2B66L7

Mathematics Association 2021-22

An inter-department online quiz competition was conducted on Tuesday, June 29, 2021, at 3.00 pm as part of National Statistics Day. More than 100 students from various departments registered for the quiz. The competition was completely online, through Google Forms. Students found the programme exciting and informative. The quiz was over by 3.45 pm and the results were announced soon after the competition. To effectively evaluate the performance, the students from the mathematics department were evaluated separately. The winners were declared and e-Certificates were provided. The participation from other departments was commendable. The results of the quiz competition are as follows: From the Mathematics department:1. Thejas Eldhos Kurian,2. Anitta John, Neenu Anna Punnoose, Nimisha V S,3. Reenu Abraham, Jincy Jacob, Susan Vinod. Winners from other departments:1. Jiffin Varghese Oommen (Chemistry) 2. Devika P. Deepak (Chemistry), Aleena Varughese (Political Science). 3. Rahumath Rahim (Economic Studies)

Participant Details

Name	Whatsapp Number	Class And Department
Sandra Sajeev	9061515423	D2 Malayalam
Arunima N Mohan	8281583071	D3 Zoology
Abin Vinod	9605442423	D2 Zoology
Meenu Johny	8086364739	D3 Malayalam
Susan Vinod	8078475251	Msc Data Analytics, Mathematics
Devika P Deepak	8086373453	D3 Chemistry
Gopitha Gopan	8089832791	D1 Malayalam
Ajmal. A	9526172442	D1 Malayalam
Ranimol R	7736501577	D1 Malayalam
Arathy Sabu	9207970584	D1 Malayalam Department
Ajin Eapen Abraham	9061681305	D1 Malayalam

Mathematics Association 2021-22

Jiffin Varghese Oommen	8606257727	D3 Chemistry
Athira Vinod	9037777927	D1 Malayalam
Lakshmi S Nair	7736785714	D1 Malayalam
Aswathy K.B	7592036093	D1 Malayalam
Angith. V. V	8086441179	D1 Malayalam
Nejna Nejimon	9539038962	D1 Malayalam
Jerin V Raphel	9072499848	M2 Economics
Haripriya K.M	7012294039	D1 Malayalam
Ashkar C Razak	8590354284	D2 Chemistry
Swathi Sajikumar	8078851955	D3 Chemistry
Anshida.P	7736374751	D1 Malayalam
Rahumath Rahim	8075105141	M2 & Economics
Arathy Aravind	8590954492	D1 Zoology
Sam K S	9961042651	Ba Malayalam
Ashna Babu	8943047895	D3 Chemistry
Vyshnav	7736985118	D1 Malayalam
Alfiya Muhammed	7902217163	D3 Zoology
Sreekutty. A. S	7034347909	D1 Malayalam
Jensa Mariam Geogi	9947855441	D3 Zoology
Sajna Beegum	8078812121	D2 Zoology
Minnumol Xavier	7558007815	D1 Malayalam
Sreekanth Sarma	8138091208	D1 Chemistry
Bijin Abraham Thomas	7736135023	D2 B.Com
Meghana Sivadas	9961994144	D1 Malayalam
Adithyamol K A	9778341659	D2 Malayalam
Habin Mathew	7594837354	D1 Malayalam

Mathematics Association 2021-22

Stephy Thomas P	8547734858	D1 Malayalam
Alvi Rarichan	9605920551	Ba Malayalam
Midhun Kumar Vs	9645824635	D3 Zoology
Haripriya P Nair	9778263280	D2 Physics
Neenu Anna Punnoose	8606074105	M1 Data Analytics,
Anjana Ajikumar	9539952164	Msc Data Analytic
Aleena Varughese	9188783293	D1 Political Science
Nikhil Raj O.S	8138846338	D1 Mathematics
Abhijith S Dev	9747291835	D3 Mathematics
Archana Manoj	8547868140	D1 Maths
Saran Binu	9207159346	D3 Mathematics
Keerthana Sajeev	6238526912	D3 Mathematics
Sandra P S	7510396682	M1 Data Analytics
Thejas Eldhos Kurian	9656261631	M1 Data Analytics
Jincy Jacob	8547133410	1 Msc.Data Analytics
Sandra Georgekutty	7034981455	Msc.Data Analytics
Abhijith K S	8075347298	Msc Data Analytics
Ardra Radhakrishnan	9947774309	D3 Maths
Jesteena Susan Thomas	9497637003	D3 Mathematics
Sreekuttanps	9072902149	D3 Mathematics
Jinta Mariam Kurian	7736806955	D1 Mathematics
Teena Mary Thomas	9497736977	D3 Maths
Praise S George	9645070693	D3 Zoology
Aswini A Anil	9562732336	D1 Mathematics
Hannah P Stephen	9383498580	D1 Mathematics
Nidhimol Dileep	9447687634	D1 Mathematics

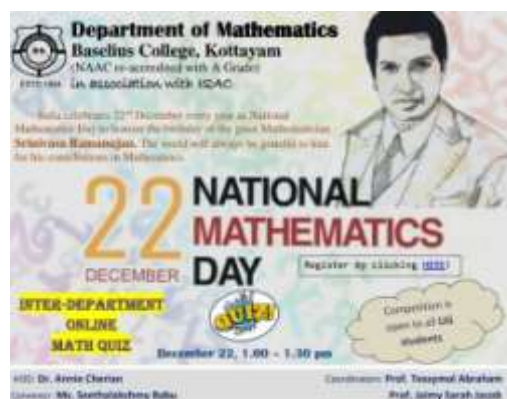
Mathematics Association 2021-22

Pc Vishnu Sudarsan Varma	6282272998	D3 Mathematics
Athira Sunil	9744925324	D2 Mathematics
Amruthamol K R	9446582921	D3 Mathematics
Nimsha Shajahan	9745594206	D3 Mathematics
Vidya S	8943959113	D3 Mathematics
Karthika Soman	9188337405	D3 Mathematics
Amal S Nair	8848670844	D2 Mathematics
Aswini Krishna	9074689087	D1 Mathematics
Remya R Nair	9400229720	D1 Mathematics
Ashna Mary Pathrose	7736520234	D1 Mathematics
Gopika Santhosh	7025922125	D1 Mathematics
Ashmi Aney Jacob	9778205563	D1 Mathematics
Athira Pr	9037349377	D2mathematics
Parvathi Jayan	7560885997	D2 Mathematics
K. K Aleena	9778035532	D1 Mathematics
Anjana M S	9037891121	D1 Mathematics
Abhijith Suresh	9074936031	D1 Mathematics
Harsha Haridas	9567157368	D3 Mathematics
Renimol V. R	9446516477	D3, Mathematics
Keerthana M. Babu	9747208176	D3 Zoology
K N Harsha Devan	9846142284	D1 Mathematics
Akshay Siby	7034770474	D3 Mathematics
Anitta John	9495870644	D3 - B.Sc Mathematics
Anandhakrishnan P.R	9778026148	D1 Mathematics
Aswathy P Joshy	9947895821	D3 Mathematics
Rose Shaji	9544898447	M1 Data Analytics

Mathematics Association 2021-22

Gopika A Nair	8281002484	M1-Data Analytics
Reenu Abraham	7034326258	D3 Mathematics
Asmi Shereef	9745587705	D3 Mathematics
Athulya Ps	9995367162	Ma. Economics
Antony Jose	8714829628	D1 Mathematics
Ajay Anil	9037481812	D1 Mathematics
Elsa Raju	7510335938	Msc Data Analytics
Mohamed Yaseen	9633131005	D3 Economics
Joel P Joseph	8301812720	D1 Mathematics
Aiswarya M Nair	8078230350	M1 Economics
Tisha Elsa Joseph	9037124562	D1 Mathematics
Godson D Fernandez	9746246817	D1 Mathematics
Varsha T Varkey	8921695272	D1 Mathematics
Neeraja Suresh	8289855061	D1 Maths
Aarathi Pradeep	6235389973	D1 Mathematics
Jeri Reji	7592083387	D1 Malayalam
Mohana Girish	9497773648	D1 Malayalam

III. INTER-DEPARTMENT ONLINE MATH QUIZ



An inter-departmental online quiz competition was held on National Mathematics Day, Tuesday, December 22, 2021, at 1 p.m. The quiz drew more than 32 students from all

Mathematics Association 2021-22

departments. The competition was entirely conducted online, using Google Forms. The students thought the event to be both entertaining and educational. The quiz was completed by 1.30 p.m., and the results were announced shortly afterward. Students from the mathematics department were tested separately in order to adequately evaluate their performance. Winners were announced, and e-Certificates were distributed. Other departments' engagement was commendable. The quiz competition's outcomes are as follows: From the department of mathematics: 1. Amruthamol K R -D3 Mathematics, 2. Anjitha S Nair -D2 Mathematics 3.Jayasoorya K.A-D1 Mathematics. Winners from other departments:1. Liya Base (D3 Physics) 2. Anagha S (D3 Political Science), 3. Binil K Korah (D3 Chemistry).

Participant Details

Riya Mary Roy	D1 Chemistry
Sreelekha.P.S	D1 Chemistry
Abhijith K Saju	D1 Chemistry
Liya Base	D3 Physics
Parvathy Krishna	D1 Mathematics
Amrutha R Nair	D3 Physics
Alfiya Muhammed	D3 Zoology
Anjitha S Nair	D2 Mathematics
Kailas Hari	D1 BBA
Ajmal	D1 Maths
Amruthamol K.R.	D3 Math
Arjun S Kumar	D1 Maths
Nijasmon Salim	D1 BCom
Jayasoorya K A	D1 Mathematics
Graceson P Rajan	D1 Physics
Devaja V	D1,Physics

Mathematics Association 2021-22

Haripriya M Raj	D1 Economics
Asmi Shereef	D3 Mathematics
Gowri G Mohan	D1 Physics
Adithya Sumesh	D1 Chemistry
Jiffin Varghese Oommen	D3 Chemistry
Anna M Benoy	D1 Mathematics
Archa.S.Manohar	D1 Mathematics
Binil K Korah	D3 Physics
Nandana Pradeep	D1 Mathematics
Abhijith P.B	D1 Physics
Anjitha Santhosh	D2 Mathematics
Siddarth Harikumar	D3 Chemistry
Jiyamol K Gigi	D1 Bcom
Sandeep Saji	D1 Maths
Anagha S	D3 Politics
Gowrinandana.N.S	D1 Physics

2.2 b Inter-Collegiate Competition Organised

Summary:

SI No	Title of the Programme	Nature of the programme	No. of participants
1.	Prof. M.J. Thomas Memorial Inter-Collegiate Quiz Competition	Inter Collegiate (Google Meet)	110

Mathematics Association 2021-22

2.	Inter Collegiate Project Presentation Competition in Mathematical Science	Inter Collegiate (Google Meet)	12
----	---	-----------------------------------	----

Summary of Reports of each Activity

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



An inter-collegiate quiz competition was conducted in memory of our former HOD and Principal, Prof. M. J. Thomas, on September 14th and 15th, 2021. 110 students from various colleges across the state registered for the competition. Our quiz master was Dr. Jinita Varughese, Assistant Professor and Head of the Mathematics Department at B.K. College, Amalagiri. The competition was conducted over two days. On the first day, the preliminary round was conducted through Google Forms, and the top 5 participants were selected for the final round to be conducted on the next day. On the second day, the final round was conducted through Google Meet. The meeting officially began with a prayer song by Ms. Seethalakshmy Babu. Ms. Minu Genty welcomed everyone to the online competition. The final day had three rounds. All five finalists performed really well in the quiz competition. Jinita explained the concepts related to the questions after each round. After the three rounds, we could clearly identify our winners. Aman Jose of FISAT Angamaly won first place, WMO College of Arts and Science Muttill – Rahila K.K. – 2nd prize,

Mathematics Association 2021-22

and Sooraj M. – St. Peter’s College, Kolenchery – 3rd prize. The cash prize for the winners was sponsored by the family of Prof. M. J. Thomas (Rs. 2000, Rs. 1500, and Rs. 1000, respectively for first, second, and third place winners). Jinitha missed declaring the winners. The Head of the Department, Dr. Annie Cherian, congratulated the participants. Prof. Jaimy Sarah Jacob concluded the meeting with her vote of thanks.



Participant Details

Sl.No	Name of the Participant	Mobile Number	Name of the Institution	Programme	Class
1	Arathi Anil	9207608704	W M O College, Muttill, Wayanad	B.Sc Mathematics	II UG
2	Jipsa Esther Joseph	8943464525	Bishop Moore College, Mavelikara	B.Sc Mathematics	I UG
3	Mrudhula Mohan	9605930891	Pavanatma College Murickassery Idukki	B.Sc Mathematics	II UG
4	Jyothika Subhash	9778131589	St. Stephens College, Uzhavoor.	B.Sc Mathematics	II UG
5	Jisa James	6235768175	St. Stephen's College Uzhavoor	B.Sc Mathematics	II UG
6	Aman Jose	9526685266	Fisat, Angamaly	B Tech	I UG
7	Devika M.V	8547333563	FISAT	Btech	I UG
8	Ajith Krishna Deyan	6282043905	St Thomas College (Autonomous) Thrissur	B.Sc Mathematics	II UG
9	Aswathy Sunil	8156932740	St Thomas College, Kozhencherry	B.Sc Mathematics	III UG
10	Ameen Mashhood P C	9061644612	Wmo Arts & Science College Muttill	B.Sc Mathematics	II UG

Mathematics Association 2021-22

11	Abhijith R Nair	7306775149	Catholicate College, Pathanamthitta	B.Sc Mathematics	II UG
12	Roshan Roby	9562065663	St. Dominic's College Kanjirappally	B.Sc Mathematics	II UG
13	Anjana S Kamath	6282350749	Federal Institute Of Science And Technology, Angamaly	Btech Computer Science And Engineering	I UG
14	Alen Chacko Nebu	9497294645	St. Dominic's College Kanjirappally	B.Sc Mathematics	III UG
15	Sherin Chinnu Mathew	9995639589	St. Dominic's College Kanjirappally	B.Sc Mathematics	III UG
16	Rahila K K	9400806410	Wmo Arts And Science College Muttill	B.Sc Mathematics	II UG
17	Jyothika V Nair	7025334191	St Teresa's College Ernakulam	B.Sc Mathematics	III UG
18	Sruthy K Benni	9961744029	St. Teresa's College(Autonomous), Ernakulam	B.Sc Mathematics	III UG
19	Mufeetha Muhammed	7994170702	St. Teresa, Ernakulam	B.Sc Mathematics	II UG
20	Devika Lakshmi	8330042648	Bkc Amalagiri Kottayam	B.Sc Mathematics	III UG
21	Liya Joy	7306420039	BK College For Women Amalagiri	B.Sc Mathematics	III UG
22	Bhavana K	9495527602	St Teresa's College, Ernakulam	B.Sc Mathematics	III UG
23	Agnet Anto	7994093168	St. Thomas College (Autonomous), Thrissur	B.Sc Mathematics	II UG
24	Jithin Joji	8304834437	Ke College Mannanam	B.Sc Mathematics	III UG
25	Akshay Sankar I M	8943699802	Ke College Mannanam	B.Sc Mathematics	III UG

Mathematics Association 2021-22

26	Aleena Aloies	9656524661	St Teresa's College (Autonomous), Ernakulam	B.Sc Mathematics	III UG
27	Sreya Josey	6238092691	St Teresa's College, Ernakulam	B.Sc Mathematics	III UG
28	Fathima Basheer	6238670305	St.Teresa's College, Ernakulam	B.Sc Mathematics	III UG
29	Sebin Mathew	7907063246	W.M.O College	B.Sc Mathematics	I UG
30	Mekha Vincent	8590679895	Alphonsa College Pala	B.Sc Mathematics	II UG
31	Arya Sivanandan	9778154963	St Stephen's College Uzhavoor	B.Sc Mathematics	II UG
32	Sooraj M	7510253132	St Peter's College Kolenchery	B.Sc Mathematics	III UG
33	Anjali A	7902302020	St. Teresa's College	B.Sc Mathematics	III UG
34	Sona Maria Sabu	8590379141	St.Dominics College, Kanjirapally	B.Sc Mathematics	II UG
35	Anu Mariya Joy	8590643413	St Dominic's College Kanjirapally	B.Sc Mathematics	II UG
36	Sreeram Krishna Ks	8590289463	Bharata Mata College Thrikkakkara	B.Sc Mathematics	II UG
37	Riswana Fathima Hamsa	8590661936	St.Dominic's College Kanjirapally	B.Sc Mathematics	II UG
38	Sreedev K Ajith	9207492318	Sree Vidhyadhi Raja Nss College , Vazhoor	B.Sc Mathematics	III UG
39	Fathimath Sumayya	9072300688	Svr Nss College Vazhoor	B.Sc Mathematics	II UG
40	Swathy Sanjeev	9388424133	Mar Athanasius College	B.Sc Statistics	I UG
41	Anupama T K	9497734253	Devaswom Board College	B.Sc Mathematics	II UG

Mathematics Association 2021-22

			Thalayolaparambu		
42	Elizabeth Joy	9400312722	Mar Athanasius College Kothamangalam	B.Sc Mathematics	III UG
43	Amrutharaj M	6282087691	University College Thiruvananthapuram	B.Sc Mathematics	II UG
44	Anakha Reji	9072179508	Assumption College Chaganashery	B.Sc Mathematics	II UG
45	Lekshmi S	7736527512	Assumption College Changanassery	B.Sc Mathematics	II UG
46	Vighnesh V	9061361482	Sree Vidyadhiraja Nss College Vazhoor	B.Sc Mathematics	II UG
47	Vishvajeet Rai	7021106625	Ramniranjan Jhunjhunwala College	B.Sc Mathematics	II UG
48	Binsa M	9946089294	University College Tvm	B.Sc Mathematics	II UG
49	Chandana B	9497331637	University College Palayam	B.Sc Mathematics	II UG
50	Grace Maria	8590539937	St Peters College, Kolenchery	B.Sc Mathematics	II UG
51	Gopika T Biju	9961575071	St Peter's College Kolenchery	B.Sc Mathematics	II UG
52	Navya S	9526753672	St. Dominic's College Kanjirapally	B.Sc Mathematics	II UG
53	Aysha Jannath	9037281443	St Peter's College Kolencherii	B.Sc Mathematics	II UG
54	Christin George	8590495491	St.Peter's College Kolencheri	B.Sc Mathematics	II UG
55	Alwin Salin	7306881742	St Peter's College, Kolenchery	B.Sc Mathematics	II UG
56	Amrutha M	9995486005	Bishop Kurialacherry College For Women, Amalagiri	B.Sc Mathematics	II UG

Mathematics Association 2021-22

57	Devika Gopalakrishnan	7561061807	B K College For Women, Amalagiri	B.Sc Mathematics	II UG
58	Arya Sajeev	8157934586	Devamatha College, Kuravilangad	B.Sc Mathematics	II UG
59	Archa.S.Manohar	9074966915	Baselius College Kottayam	B.Sc Mathematics	I UG
60	Devika Suresh	9778128234	Deva Matha College, Kuravilangad	B.Sc Mathematics	II UG
61	Fathima K N	7736589873	Deva Matha College Kuravilangadu	B.Sc Mathematics	II UG
62	Shreya Suresh	8606683053	Alphonsa College, Pala	B.Sc Mathematics	III UG
63	Aleena Benny	8078476722	Alphonsa College Pala	B.Sc Mathematics	III UG
64	Rosemary. S	9496940548	Alphonsa College, Pala	B.Sc Mathematics	III UG
65	Minnu Lisbath Sebastian	8590713635	Alphonsa College Pala	B.Sc Mathematics	III UG
66	Ammu Elsa Punnen	9446040097	Alphonsa College Pala	B.Sc Mathematics	II UG
67	Albin Sebastian	9656311069	Devamatha College Kuravilangad	B.Sc Mathematics	II UG
68	Annu Maria Varkeyachan	9778179101	St Alphonsa College, Pala	B.Sc Mathematics	II UG
69	Josna Jose	6238974307	Alphonsa College Pala	B.Sc Mathematics	III UG
70	Divya Das K.R	9778207927	Alphonsa College Pala	B.Sc Mathematics	II UG
71	Rosy Santo	9745130630	Alphonsa College, Pala	B.Sc Mathematics	III UG
72	Anjalikrishna V	9497353956	Alphonsa College Pala	B.Sc Mathematics	II UG

Mathematics Association 2021-22

73	Anjaly S	9497723468	St. Peter's College , Kolenchery	B.Sc Mathematics	II UG
74	Reshma S Nath	7306137267	St Teresa's College, Ernakulam	B.Sc Mathematics	III UG
75	Neha Jaison	8078512560	Alphonsa College Pala	B.Sc Mathematics	II UG
76	Bileena P G	9400642577	Alphonsa College, Pala	B.Sc Mathematics	II UG
77	Elizabeth Reji	9400753664	Devamatha College Kuravilangad	B.Sc Mathematics	II UG
78	Ambadi Asokan	9778168573	Devamatha Colleague Kuravilangad	B.Sc Mathematics	II UG
79	Devika B	9747002035	Devamatha College, Kuravilangadu	B.Sc Mathematics	II UG
80	Anjitha Mathews	9188165264	Alphonsa College Pala	B.Sc Mathematics	II UG
81	Bhagyalakshmi V	9562808850	Wmo Arts And Science College,Muttill	B.Sc Mathematics	I UG
82	Aleena Anub	9447637688	St.Dominic's College ,Kanjirappally	B.Sc Mathematics	II UG
83	Malavika Vinod	9778254517	Alphonsa College, Pala	B.Sc Mathematics	II UG
84	Aleena Kurian	8590859967	Alphonsa College Pala	B.Sc Mathematics	II UG
85	Ganga S Nair	9496615625	Alphonsa College, Pala	B.Sc Mathematics	II UG
86	Haripriya P Nair	9778263280	Baselius College Kottayam	B. Sc Physics	II UG
87	Aiswarya Surendran	8547316223	St Stephen's College Uzhavoor	B.Sc Mathematics	II UG
88	Jemi Anna James	7593012844	Assumption College Changanasherry	B.Sc Mathematics	III UG

Mathematics Association 2021-22

89	Saradha S	9961293508	WMO Arts & Science College	B.Sc Mathematics	I UG
90	Sharika Nair	8111868706	Assumption College	B.Sc Mathematics	III UG
91	Malavika Ajayan	7306894214	Assumption College Changanacherry	B.Sc Mathematics	III UG
92	G Kavya	9561283375	Assumption College ,Changanassery	B.Sc Mathematics	III UG
93	Megha R Nair	7025909011	Assumption College Autonomus, Changanacherry	B.Sc Mathematics	III UG
94	Anandhalakshmi	8606911047	Assumption College, Changanassery	B.Sc Mathematics	III UG
95	Deepa Joseph	9207298574	Assumption College	B.Sc Mathematics	III UG
96	Devapriya M	9446212509	Assumption College Autonomous Changanacherry	B.Sc Mathematics	III UG
97	Joshely Regi	6282931974	Assumption College Changanacherry	B.Sc Mathematics	III UG
98	Niranjana Krishna	9496929975	St. Stephen's College Uzhavoor	B.Sc Mathematics	II UG
99	Adithi J	9188154489	Assumption College	B.Sc Mathematics	III UG
100	Arya S Suresh	9496156171	Assumption College Changanasery	B.Sc Mathematics	III UG
101	Aparna Binu	9847482947	St.Stephen's College, Uzhavoor	B.Sc Mathematics	II UG
102	Arya Ann Gigy	9495334975	Assumption College	B.Sc Mathematics	III UG
103	Minimol M.P	8075728296	St.Stephens College Uzhavoor	B.Sc Mathematics	III UG
104	Clair Tom	9400321964	Assumption College	B.Sc	III UG

Mathematics Association 2021-22

			Autonomous Changanacherry	Mathematics	
105	Jeniya Richu Jacob	8281574846	Assumption College Autonomous, Changanacherry	B.Sc Mathematics	III UG
106	Treesa George	9446496217	Assumption College, Changanacherry	B.Sc Mathematics	III UG
107	Sreedivya P P	7306329740	TMG COLLEGE	B.Sc Mathematics	III UG
108	Keerthana Krishnan J	9495915726	Assumption College Autonomous Changanacherry	B.Sc Mathematics	III UG
109	Cheke Sanket Sunil	9168991940	NACSCS	B.Sc Mathematics	III UG
110	Pangare Adinath Ramu	9075243869	New Art's Commerce And Science College Shevgaon	B.Sc Mathematics	III UG

II. INTER- COLLEGIATE PRESENTATION COMPETITION IN MATHEMATICAL SCIENCE



The association has been conducting the Intercollegiate Presentation Competition in Mathematical Sciences every year since 2015. The competition is mainly focused on undergrad students. The prize money for the competition is sponsored by Prof. Alexander V. George, the former HOD of the department and the former principal of the college.

Mathematics Association 2021-22

The Inter-Collegiate Presentation Competition for this academic year was held on February 26, 2022, at 9:30 am via Google Meet. The programme started with a prayer, and Ms. Tessymol Abraham welcomed the gathering. The judges of the competition were Ms. Anumol T.A. Professor in Mathematics, M.C. Varghese College of Arts and Science College, Ettumanoor and Ms. Megha Rose Manoj, Research Scholar, M.G. University, Kottayam. Twelve students participated in the competition. In the valedictory meeting after the competition, Ms. Tessymol Abraham declared the winners of the competition. In addition, both judges gave comments on how the contestants could improve their presentations and handed over the prizes to the winners. The first prize of Rs. 2000 and the ever-rolling trophy were secured by Ms. Saradha S. of WMO Arts & Science College, Muttill for the project presentation on "Maths in Cryptography". The second prize of Rs.1500 was achieved by Mr. Ajesh B Nair of Baselius College, Kottayam for the presentation on "Application Of Mathematics In Forensic Science" and the third prize of Rs.1000 was won by Ms. Lakshmi Priya S of St. Teresas College, Ernakulam for the presentation on "A Study On The Acceptance Of The Covid-19 Vaccine".



Participant Details

Name Of The Participant	Name Of The Institution	Class	Title Of The Project
Sruthy K Benni	St.Teresa's College, Ernakulam	III B.SC	The Effects Of Covid-19 On Social Interactions.
Malavika Abi	St Teresa's College Ernakulam	III B.SC	Mathematics In Crime Solving And Crime Control

Mathematics Association 2021-22

Amal George	Pavanatma College Murickassery	III B.SC	Introduction To Domination Numbers
Saradha S	WMO Arts & Science College,Muttill	I B.SC	Maths In Cryptography
Aswathi VJ	St. Teresas College, Ernakulam	III B.SC	AComparitive Study Of Online Cloth Shopping Before and During COVID
Lakshmi Priya S	St. Teresa's College, Ernakulam	III B.SC	A Study On The Acceptance Of Covid-19 Vaccine
Roshni Unnikannan	St. Teresa's College Ernakulam	III B.SC	A Study On The Effect Of Covid-19 On Small Businesses
Ajesh B Nair	Baselius College, Kottayam	III B.SC	Application Of Mathematics In Forensic Science
Gobu C Babu	Sb College Changanassery	III B.SC	Some Concepts In Game Theory
Meera Joseph	St. Teresa's College, Ernakulam.	III B.SC	Statistical Study On Youtube Usage During Covid-19
Jasmine Sara M Jiji	BK College Amalagiri	III B.SC	Fibonacci Numbers
Keerthana Sajeev	Baselius College Kottayam	III B.SC	Mathematics And Oncology

2.3 Cultural Programme Organised

Summary:

SI No	Title of the Programme	Nature of the programme	No. of participant
1.	Onam Celebration-Polich-Onam	Online	107
2.	Farewell-Sheri Enna(2018-2021)	Online	109

Mathematics Association 2021-22

3.	Fresher's Party-Talent Hunt	Online	107
4.	Farewell- JAVOO JAVOO (2019-2022)	Offline	107

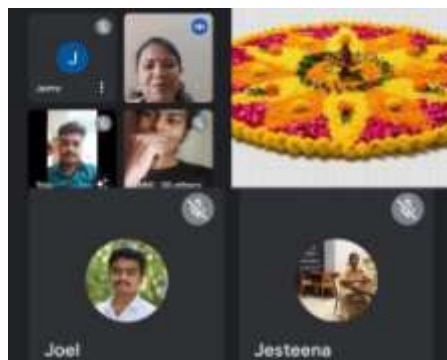
Summary of Reports of each Activity

I. ONAM CELEBRATION – POLICHU ONAM

On August 28, 2020, an online onam celebration was held. The prayer song kicked off the programme at 10 a.m. Keerthana Sajeev, the Association's Joint Secretary, gave the welcome speech. There were games and activities in which both professors and students were equally involved.



Then students discussed their Onam celebration experiences from the previous year. Dr Annie Cherian, Prof. Jaimy Sarah Jacob, and Prof. Tessymol Abraham then expressed their Onam greetings to the students. By midday, the programme had come to a close with the Association Secretary's gratitude address.



Mathematics Association 2021-22

Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas
Harsha Haridas	Jesteena Susan	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos Kurian	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	Rose Shaji
Archa.S.Manohar			

Mathematics Association 2021-22

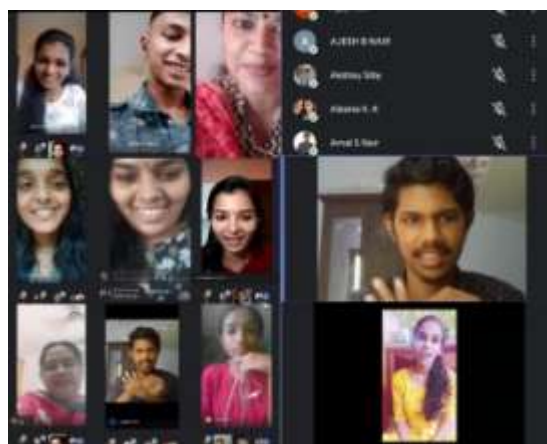
M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R Nair
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

III. FAREWELL-SHERI ENNA (2018-2021 BATCH)



In an emotionally charged atmosphere, the students and teachers of the mathematics association bid adieu to the mathematics students of the 2018-2021 batch at a grand farewell function "Sheri Enna" on June 21, 2021, through online mode. 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 Jaimy Sarah Jacob, class teacher of final year students. Some exciting games were also arranged for the outgoing students and were enjoyed by all. The students of the final year brought tears to the eyes of all present with the recollection of their college days. A video presentation by the juniors made everyone mushy. It brought back memories of their youth. The programme concluded with a vote of thanks by Amal S. Nair.

Mathematics Association 2021-22



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D Fernandez
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D3 Mathematics (2018-2021)			
Amrutha Anand	Niranjana S	Anu Aravind	Fathima Riyas
Lekshmi Ashok	Irfana Ismail	Dhanya Abraham	Amala Toms PJ
Lakshmika manilal	Joel kuriyan Joy	George Jacob	Roshin Mathew
Gautham S. Panicker	Anjana Unnikrishnan	Harilakshmi P	Varsha Rajesh

Mathematics Association 2021-22

Bony Binoy	Aysha mol salim	Junaid Shah	Jithin John
Stephin K Sajan	Sarangi S Kumar	Nandana Appukuttan	Aleena P Raj
Aquin Antony	Revathy Santhosh	Devika Mohan	Ajay Sajeev
Jayasurya Anil	Shilpa T. Lal	ARUN V.S.	Anjana S
Anoop Thomas	Reeja Mary Reji	Greeshma J	Nisha Joyce Samuel
Shilpa Annie John	Ashni Biju	Agnus Teresa	Shebin V Yohannan
Aleena joy	Aswini BS	Alan Roy	Arun H.
Alan Maria Sebastian			

IV. FRESHER'S DAY CERLEBRATION



The mathematics association organised a freshers' day celebration to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence on December 14th, 2021. The programme started with lamp lighting and a speech by Dr. Annie Cherian, H.O.D., and the Department of Mathematics. Senior students arranged many activities for freshers, which included cultural events where everyone got a chance to showcase their talents. On this day, seniors and juniors finally bond and unite to celebrate being part of the college. The function wound up at 4.30 pm.

Mathematics Association 2021-22



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D Fernandez
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya

Amritha Mariyam Saji

Anna M Benoy

Archa.S.Manohar

Ajmal K

Mathematics Association 2021-22

Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	
M2 Data Analytics			
Abhijith K S	Elsa Raju	Neenu Anna Punnose	Sandra P S
Anjana Ajikumar	Gopika A Nair	Thejas Eldhos Kurian	Susan Vinod
Anoop K Jomi	Jincy Jacob	Sandra Georgekutty	Rose Shaji
M1 Data Analytics			
Ancy Samuel		Jose Sebastian	
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R Nair
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

V. FAREWELL- JAVOO JAVOO (2019-2022 BATCH)



The students and teachers of the mathematics association bid adieu to the mathematics students of the 2019-2022 batch at a grand farewell function "JAVOO JAVOO" on April 1, 2022, in an emotionally charged atmosphere inside the Mrs. Mammen Mappila Hall (Education Technology Hall) of the Baselius College. The H.O.D, Dr. Annie Cherian, gave a presentation in which she wished all of the students luck in their future undertakings, which was followed by a special felicitation by Tessymol Abraham, a class teacher of final

Mathematics Association 2021-22

year students. The outgoing pupils received tokens of love and thanks from their juniors. For the departing students, some entertaining games were organised, such as musical chairs and balloon blowing, which were loved by all. Juniors put on a fantastic show. The students of the final year brought tears to the eyes of all present by the recollection of their college days. A video presentation by the juniors made everyone mushy. It reminded them of their yesteryears . The day was a memorable one both for the outgoing batch and the teachers.



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D Fernandez

Mathematics Association 2021-22

Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	Adish A
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Ajay Anil
Akhil Shibu	Akshay Reji	Anjana M.S	Archana Manoj
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	Gopika Santhosh
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	

Archa.S.Manohar

2.4 Extension/Outreach Programme Organised

Summary:

Amritha Mariyam Saji

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Remedial Classes for school children.	Pupils of Govt. Model High School, Kottayam	

Summary of Reports of each Activity

I. REMEDIAL CLASSES FOR STUDENTS IN SCHOOL LEVEL

For the past 5 years, remedial coaching classes for slow learners of mathematics at the school level have been offered as an extension activity as well as an institutional social obligation. Classes used to be held every Wednesday at 8:00 a.m. The beneficiaries are from Govt. Model High School, Kottayam. For the past 5 years, remedial coaching classes for slow learners of mathematics at the school level have been offered as an extension activity as well as an institutional social obligation. Classes used to be held every Wednesday at 8:00 a.m. The beneficiaries are from Govt. Model High School, Kottayam. Due to the tough time of the year, we started the classes via an online platform by the end of January, and by the end of February, it was shifted to offline mode. It helped the beneficiaries a lot as they got a lot of time to clear their doubts and prepare well for their exams.

Mathematics Association 2021-22



Participant Details

Sl. No.	Name of the Tutors
1.	Athira Sunil, D2 Math
2.	Tisha Elsa, D2 Math
3.	K.K Aleena, D2 Math
4.	Antony -D2 Maths
5.	Joel P Joseph-D2 Math
6.	Akhil Shibu-D2 Math
7.	Ashmy Aney Jacob-D2 Math
8.	Jayasoorya K A-D1 Math
9.	Parvathy Krishna-D1 Math
10.	Sangeetha Susan John-D1 Math
11.	Nandana Pradeep-D1 Math
12.	Arjun S.Kumar-D1 Math
13.	Jinta Mariam Kurian-D2 Math
14.	Hannah P Stephen-D2 Math
15.	Remya R Nair-D2 Math

Mathematics Association 2021-22

2.5 Skill Development Programme/ Courses Organised: Nil

2.6 Certificate Course Conducted, if any

Summary

Sl No	Title of the Certificate Course	Number of Students Registered	No. of Students who successfully completed the course
1	PYTHON	31	31

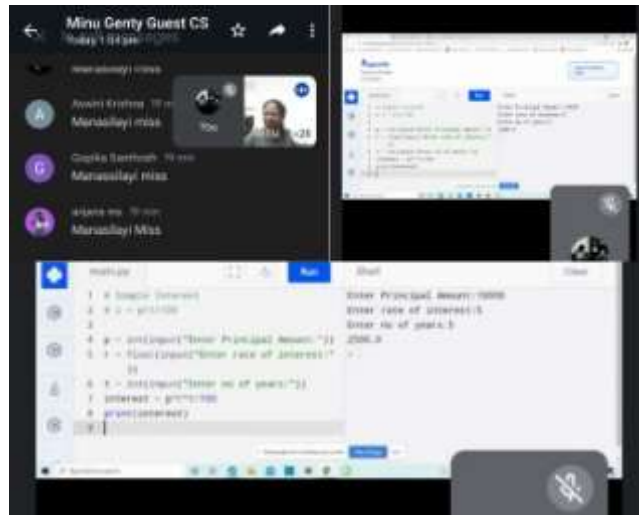
I. CERTIFICATE COURSE IN PYTHON PROGRAMMING

A certificate course in Python, a mathematical programming language, was offered by the department. The course was designed for kids who were interested in mathematics. The course was 30 hours long. The course was officially launched on February 16, 2021. Ms. Minu Genty, Computer Science Faculty, Baselius College, Kottayam, was the resource person.



The course covered a variety of Python subjects. Every second Saturday, the lesson was held. Students learned fundamental Python programming concepts like data operations and file operations in this Python course. This training also served as a springboard for a career in data science. Thirty-one students enrolled in the course and finished it satisfactorily. The programme came to an end in January 2022.

Mathematics Association 2021-22



Participant Details

D2 Mathematics			
Jinta Mariam Kurian	Nikhilraj O.S.	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Neeraj Suresh	Godson D Fernandez
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	Abhijith Suresh
Anandhkrishnan P.R	Nidhimol Dileep	Athira Sunil	Ajay Anil
Joel P Joseph	Parvathy Jayan	Arathi Pradeep	Archana Manoj
Akhil Shibu	Akshay Reji	Anjana M.S	Gopika Santhosh
Ashmy Aney Jacob	Aswani A Anil	Aswani Krishna	

Mathematics Association 2021-22

2.7 Student Participation and Achievement - Outside College (Curriculum and Co-Curriculum)

S l N o	Name of the Student	Class	Programme organised by with title of the	Date of the Programme	Nature of achievement (Participation/ Position to be specified)	Whether certificate attached
1	Ms.Shebin V Yohannan	2018-21 Batch	MRF Campus Selection	8-06-2021	Got Placement	Yes
2	Aleena Joy	2018-21 Batch	Infosys,Mysore	05-07-2021	Got Placement	Yes
3	Amal S Nair	D3 Math	NCC	08-07-2021	Got Company Sergeant Major Rank Placement	Nil
4	Karthika Soman	D3 Math	NCC	08-07-2021	Got Company Sergeant Major Rank	Nil
5	Aswathy P Joshy	D3 Math	NCC	08-07-2021	Got Company Sergeant Major Rank	Nil
6	Godson D Fernandez	D2 Math	NCC	19-10-2021	Selected for RDG IGC 2021-22	Yes
7	Niranjana S	2018-21 Batch	TCSL	21-11-2021	Selected as graduate Trainee	Yes
8	Amal S Nair	D3 Math	NCC	04-12-2021	Selected for Advanced Leadership Camp	Yes

Mathematics Association 2021-22

9	Anjitha S Nair	D2 Math	NSS	19-12-2021	Selected for Republic Day Parade(Vande Bharatham)	Yes
10	Athira P.R	D2 Math	Kerala Olympic Association	16-01-2022	First Prize in Kottayam District Karate Championship	Yes
11	Athira P.R	D2 Math	Mahatma Gandhi University, Kottayam	04-03-2022	Second Prize -Mahatma Gandhi University Inter Collegiate Karate Championship 2022	Nil
12	Ajesh B Nair	D3 Math	Department of Mathematics, Basilius College	26-02-2022	Second Prize-Inter Collegiate Project Presentation Competition in Mathematical Science	Yes
13	Ajesh B Nair	D3 Math	MRF Campus Selection	07-04-2022	Got Placement	Yes

(Softcopy of certificates - See Appendix - II)

2.8 Any Other activity/point/ initiative worth mentioning

I. COLLOQUIUM

A Colloquium for Mathematical Science has been conducted since 2018. It is intended not only to provide a platform for interaction and discussions, but also to keep abreast of the recent developments and trends in mathematical science. In contrast to other years, as the programme was carried out completely via an online platform this year, it paved the way for many students from all classes to actively participate as presenters or audience. The event was held at 8:00 pm on all Fridays except exam days. The programme was designed in such a way that three or four students present a topic in the mathematical sciences, followed by a topic-based discussion. All teachers gave feedback after each presentation, which helped students to make their presentations more effective, attractive, and informative.

Mathematics Association 2021-22



The first session of the colloquium for this year commenced on December 20th, 2021. Soumya S. Nair (2 Data Analytics), Ajesh B Nair (D3 Mathematics), and Nimisha V.S. (D3 Mathematics) presented. Around six sessions were held this year. As these were new topics for the entire mathematics class, they were highly interested and benefited.



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev

Mathematics Association 2021-22

Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas
D2 Mathematics			
Jinta Mariam Kurian	Mahitha Girish	Athira P.R	Varsha T Varkey
Hannah P Stephen	Anjitha A Nair	Malavika M.K	Pournamy Babu
Remya R Nair	Antony Jose	Tisha Elsa Joseph	K.K Aleena
Ashna Mary Pathrose	Sanjithh Sankar	K.N.Harshadevan	
Anandhakrishnan P.R	Nidhimol Dileep	Athira Sunil	
Ansu Marium Shibu	Parvathy Jayan	Arathi Pradeep	
D1 Mathematics			
Agna Kurian	Jayasoorya K A	Abhijith Suresh	Hridhya Shaji
Ajmal K	Parvathy Krishna	Ashitha Elsa	K Navya
Amritha Mariyam Saji	Sangeetha Susan	Cyril Mamachan	Pavithra K. E.
Anna M Benoy	Arjun S.Kumar	Devadeth Shaji	Sandeep Saji
Archa.S.Manohar	Nandana Pradeep	Anjitha Santhosh	
M2 Data Analytics			
Abhijith K S	Anjana Ajikumar	Anoop K Jomi	Neenu Anna
Gopika A Nair	Jincy Jacob	Rose Shaji	Elsa Raju
Sandra Georgekutty	Sandra P S		
M1 Data Analytics			
Ancy Samuel	Grace Sabu George	Jose Sebastian	Parvathy Krishna
Athira P.S	Harikrishnan N S	Lijin M Johnson	Vishnumaya R
Gireeshma T C	Jissmol Jose	Nandana M	Soumya S Nair

I. STUDY TOUR

The annual tour for final year B.Sc students of the Department of Mathematics was from March 23rd to 24th, 2022, to Munnar. A total of 32 students, 18 girls and 14 boys, were accompanied by 2 supervising staff; Prof. Tessymol Abraham and Ms. Seethlakshmy Babu. The tour was an enriching and memorable experience for students and teachers alike.

Mathematics Association 2021-22



Participant Details

D3 Mathematics			
A S Anjana Sankar	Abhijith S Dev	Ajesh B Nair	Akshay Siby
Amal George Cherian	Amal S Nair	Amruthamol K R	Anitta John
Anurenjini M	Vidya S	Ardra Radhakrishnan	Aromal Aravind
Asmi Shereef.	Aswathy P Joshy	Athira V	Athul Sreenivas K
Harsha Haridas	Jesteena Susan Thomas	Karthika Soman	Keerthana Sajeev
Krishnanand R	Midhun Manoj	Nandana Sreekanth	Nimsha V S
P C Vishnu S Varma	Reenu Abraham	Renimol V.R	Saran Binu
Shebin Kurian Thomas	Sreejith P.S.	Sreekuttan P.S.	Teena Mary Thomas

Tessymol Abraham

Teacher-in-charge of the Association

Mathematics Association 2021-22

Appendix - I

Minutes of Committee Meeting

Committee Meeting - 1

DATE – 21-June 2021

TIME - 7.30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qmhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Abhijith S. Dev – D3 Math
7. Tisha Elsa Joseph – D2 Math
8. Jinta Mariam Kurian -D2 Math
9. Anandhakrishnan P,R - D2 Math
10. Abhijith K S -M2 Data Analytics

AGENDA – Online Orientation Programme For Students

- To fix a suitable date for orientation programme and inviting the chief guest for the function

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme - 24th June 2021
- Time to conduct the programme - 10 am
- Platform - Google Meet
- To invite Dr. P.V.Viswanathan Nampoothiri, Research Guide ,M.G.University,Kottayam & Former Faculty of Baselius College.
- To assign duties to students as follows:
 - Brochure designing – Abhijith S Dev
 - Compering - Agnus Teresa
 - Prayer song – Reenu Abraham
 - Vote of Thanks – Keerthana Sajeev

Association secretary Amal S Nair expressed words of gratitude.

Meeting ended at 8.30 pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Committee Meeting – 2

DATE - 9 August 2021

TIME -8 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qtnhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Abhijith S. Dev – D3 Math
7. Tisha Elsa Joseph – D2 Math
8. Jinta Mariam Kurian -D2 Math
9. Anandhakrishnan P.R - D2 Math
10. Abhijith K S -M2 Data Analytics

AGENDA – Workshop for Data Analytics Students.

- To fix a suitable date for conducting the workshop and invite the resource person for the same.

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme - 16th August-19th August 2021
- Time to conduct the programme - 7 pm
- Platform - Google Meet
- To invite Mr. Rasin R.S,Assistant Professor,Department of Statistics, St.Thomas College,Thrissur, as the resource person.
- The topic – **Regression Analysis for Data Analytics**
- To assign duties to students as follows
 - Brochure designing — Tisha Elsa Joseph
 - Compering - Keerthana Sajeev
 - Prayer song – A.S.Anjana Sankar
 - Vote of Thanks – Nimisha V

Association joint-secretary Keerthana Sajeev expressed words of gratitude.

Meeting ended at 8.30 pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Committee Meeting – 3

DATE - 1 September 2021

TIME-7:30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Reenu Abraham - D3 Math
7. Abhijith S Dev — D3 math
8. K.N.Harshadevan - D2 Math
9. Jinta Mariam Kurian - D2 Math
10. Jayasoorya K A -D1 Math
11. K Navya Krishnan -D1 Math
12. Jincy Jacob -M2 Data Analytics
13. Harikrishnan N S-M1 Data Analytics

AGENDA – Inter Colleague Quiz Competition

- To fix a suitable date for conducting the Inter Colleague Quiz Competition and invite the Quiz master for the same..

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme — 14th September 2021
- Mode of Conduct-Online
- Quiz Master-Dr.Jinitha Varghese,Assistant Professor & H.O.D,
Department of Mathematics,B.K.College,Amalagiri
- Time to conduct the programme – 10.00am

The Association's joint secretary, Ms. Keerthan Sajeev, expressed a vote of thanks. The meeting ended at 8.30.pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Committee Meeting - 4

DATE - 1 October 2021

TIME-7:30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Reenu Abraham - D3 Math
7. Abhijith S Dev — D3 math
8. K.N.Harshadevan - D2 Math
9. Jinta Mariam Kurian - D2 Math
10. Jayasoorya K A -D1 Math
11. K Navya Krishnan -D1 Math
12. Jincy Jacob -M2 Data Analytics
13. Harikrishnan N S-M1 Data Analytics

AGENDA – Mathematics Association Inauguration

- To fix a suitable date for conducting the inauguration and invite the resource person for the same..

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme — 8th October 2021
- Resource Person-Dr.Ambat Vijayakumar,Vice President,Ramanujan
Mathematical Society,Emeritus Professor,Department of Mathematics,CUSAT
- Time to conduct the programme – 9.30am

The Association secretary Amal s Nair expressed words of gratitude.Meeting ended at 8.30 pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Mathematics Association 2021-22

Committee Meeting - 5

DATE – 8 November 2021

TIME-7:30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Nimisha V - D3 Math
7. Abhijith S Dev — D3 math
8. Anandhakrishnan P.R - D2 Math
9. Jinta Mariam Kurian - D2 Math
10. Jayasoorya K A -D1 Math
11. K Navya Krishnan -D1 Math
12. Abhijith K S -M2 Data Analytics
13. Harikrishnan N S-M1 Data Analytics

AGENDA – Orientation Programme for M1 Data Analytics Students

- To fix a suitable date for conducting the orientation and invite the resource person for the same..

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham

offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme — 21st November 2021
- Resource Person-Dr.Prem Sankar c,Lecturer,department of Futures Studies,University of Kerala
- Time to conduct the programme – 10.00am-12.00pm

The meeting wound up by 8.30pm with a vote of thanks from Ms. Jinta Mariam Kurian, D2 Mathematics student.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Mathematics Association 2021-22

Committee Meeting - 6

DATE - 22 November 2021

TIME-7:30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Reenu Abraham - D3 Math
7. Abhijith S Dev — D3 math
8. K.N.Harshadevan - D2 Math
9. Jinta Mariam Kurian - D2 Math
10. Jayasoorya K A -D1 Math
11. K Navya Krishnan -D1 Math
12. Jincy Jacob -M1 Data Analytics
13. Harikrishnan N S-M2 Data Analytics

AGENDA – Lecture Series

- To fix a suitable date for conducting the first lecture of the lecture series "One to Infinity" and invite the resource person for the same.

.Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme — 26th November 2021
- Mode of Conduct-Online
- Resource Person-Dr.Pramada Ramachandran,Assistant Professor ,Department of Mathematics,St.Paul's College,Kalamassery
- Time to conduct the programme – 11.30am

The Association's secretary, Mr. Amal S Nair, expressed a vote of thanks. The meeting ended at 8.30.pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Committee Meeting - 7

DATE – 5 January 2021

TIME-7:30 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Abhijith S Dev — D3 math
7. K.N.Harshadevan - D2 Math
8. Jinta Mariam Kurian - D2 Math
9. Jayasoorya K A -D1 Math
10. K Navya Krishnan -D1 Math
11. Jincy Jacob -M1 Data Analytics
12. Harikrishnan N S-M2 Data Analytics

AGENDA – Certificate Course & Extension Programme

- To fix a suitable date for starting a certificate course in Python and find a resource person for the same,
- To fix a suitable date for starting the extension programme of remedial classes for school students.

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date start the certificate course — 10th January 2022
- Mode of Conduct-Online
- Resource Person-Ms.Minu Genty,Computer Science Faculty ,Baselius College
- Date start the extension programme – 12th January 2022
- The Association's secretary, Mr. Amal S Nair, expressed a vote of thanks. The meeting ended at 8.30.pm.



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Mathematics Association 2021-22

Committee Meeting - 8

DATE - 12 January 2022

TIME-8.00 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qinhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Reenu Abraham - D3 Math
7. Abhijith S Dev — D3 math
8. K.N.Harshadevan - D2 Math
9. Jinta Mariam Kurian - D2 Math
10. Jayasoorya K A -D1 Math
11. K Navya Krishnan -D1 Math
12. Jincy Jacob -M1 Data Analytics
13. Harikrishnan N S-M2 Data Analytics

AGENDA – Lecture Series

- To fix a suitable date for conducting the second lecture of the lecture series "One to Infinity" and invite the resource person for the same.

.Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme — 17th January 2022
- Mode of Conduct-Online
- Resource Person-Dr.Aparna Lakshmanan S,Assistant Professor ,Department of Mathematics,CUSAT
- Time to conduct the programme – 7.00pm



Secretary-Amal S Nair



Teacher-in-charge-Tessymol Abraham

The Association's secretary, Mr. Amal S Nair, expressed a vote of thanks. The meeting ended at 8.30.pm.

Mathematics Association 2021-22

Committee Meeting - 10

DATE – 21 February 2022

TIME -8 pm

MODE OF CONDUCT - Online (Google Meet - <https://meet.google.com/tez-qtnhr-izd>)

MEMBERS PRESENT

1. Dr. Annie Cherian (HOD)
2. Ms. Jaimy Sarah Jacob
3. Ms. Tessymol Abraham (Teacher-in-charge of Association)
4. Amal S Nair (Association Secretary)
5. Keerthana Sajeev - D3 Math
6. Abhijith S. Dev – D3 Math
7. Tisha Elsa Joseph – D2 Math
8. Jinta Mariam Kurian -D2 Math
9. Anandhakrishnan P.R - D2 Math
10. K Navya Krishnan -D1 Math
11. Abhijith K S -M2 Data Analytics
12. Harikrishnan N S-M1 Data Analytics

AGENDA – One DayWorkshop for M1 Data Analytics Students.

- To fix a suitable date for conducting the workshop and invite the resource person for the same.

Meeting started with a silent prayer. Teacher in charge of association, Ms. Tessymol Abraham offered words of welcome.

After discussion the following decisions were taken:

- Date to conduct the programme - 24th February 2022
- Time to conduct the programme 9.30am-3.30pm
- Mode of Conduct- Offline
- To invite Mr. Renji V Mathew,Senior Associate Analytics-Data Science at Infosys Ltd ,as the resource person.
- The topic – **Role of Statistics in Data Analytics**

Association's secretary, Mr. Amal S Nair, expressed a vote of thanks. The meeting ended at 8.30.pm.



Secretary-Amal S Nair




Teacher-in-charge-Tessymol Abraham

Mathematics Association 2021-22

Appendix - II Student's Achievement

1. Shebin Yohannan

 **MRF**
MRF Limited, New No. 114 (Old No. 124), Greaves Road, Chennai - 600 006.
Tel : 91-44-2829 2777 Fax : 91-44-2829 2895 CIN : L25111TN1960PLC09430
Website: www.mrf tyres.com

06.09.2021

Mr. Shebin V Yohannan
Kunnei Shebin Villa
Valantavattom PO
Thiruvalla - 689104

Dear Shebin V Yohannan,

With reference to your application and the subsequent interview you had with us, we are pleased to offer you an appointment as Supervisor - Production in our Company, in the MA1 grade with effect from 06.09.2021, on the following terms and conditions:

SALARY & PERKS

1. Basic Salary - Rs.2950/- per month.
2. House Rent Allowance - Rs.1475/- per month.
3. Conveyance Allowance - Rs.1500/- per month.
4. Educational Allowance - Rs.200/- per month.
5. MRF Allowance - Rs.1585/- per month.
6. Medical Allowance - Rs.340/- per month.

Annual Payments:


- a) LTA Rs.10500/- once in a block of two calendar years.
- b) Bonus as applicable.

Other Perks:

- a) Group Medical Insurance Coverage for self, spouse and dependent children.
- b) Group Personal Accident Insurance coverage for self.
- c) Employee's Compensation as applicable.

Retiral Benefits:

- a) Contributory Provident Fund @ 12% of the Basic Salary.
- b) Gratuity as per Company's scheme.

 **MRF**
MRF Limited, New No. 114 (Old No. 124), Greaves Road, Chennai - 600 006.
Tel : 91-44-2829 2777 Fax : 91-44-2829 2895 CIN : L25111TN1960PLC09430
Website: www.mrf tyres.com

11. You shall at all times keep the Company informed in writing of your present or acquired relatives/ family members having a job directly or indirectly with any of our competitors or acquiring a dealership or any business or trade connected with the business of the Company or its subsidiaries during the tenure of your employment with us.

12. You are prohibited from carrying on same or similar business or associating yourself with any one direct or indirectly in competition with the Company during the tenure of employment with us and/ or till such time you are availing any pre/post-retirement benefits from the Company.

13. Should you be found guilty at any time of neglect of work, sexual harassment of women colleagues at work place, insubordination, indigence or abetment of any misconduct involving moral turpitude, or breach of any of the terms and conditions of your appointment, or commit any act which in the sole opinion of the Company is or is likely to be detrimental to its image, interest or subversive of discipline, the Company shall take disciplinary action including termination of your appointment without notice.


14. Your appointment will remain probationary until it is confirmed in writing as permanent, but no undertaking is given that you will be appointed as permanent member of our staff. During the period of probation, your services can be terminated without notice at the assigning any reason thereto.

15. In accordance with the practice of our Company, we request you to treat the terms of employment as strictly confidential.

16. Your appointment is subject to the passing your degree examination successfully and submitting Degree Certificate within three months from the date of your appointment.

Please sign and return to us the duplicate copy of this letter as a token of your acceptance of the above terms and conditions.

Yours sincerely,
For MRF Limited


Biju Sebastian
Vice President
Human Resources & Services

Continued page 2.

Mathematics Association 2021-22

2. Aleena Joy



3. Godson D Fernandez



Mathematics Association 2021-22



4. Niranjana S



Offer: Computer Consultancy
Ref: TCSL/DT20217539674/Hyderabad
Date: 21/11/2021

Ms. Niranjana S
Pulickal/Ettumanoor P.O.,
Kottayam,
Kottayam-686631,
Kerala.
Telle -

Dear Niranjana S,

Sub: Letter of Offer

Thank you for exploring career opportunities with TATA Consultancy Services Limited (TCSL). You have successfully completed our initial selection process and we are pleased to make you an offer of employment.

This offer is based on your profile and performance in the selection process. You have been selected for the position of **Graduate Trainee** in Grade **YG**. Your gross salary including all benefits will be **₹1,90,926/-** per annum, as per the terms and conditions set out herein.

Kindly confirm your acceptance of this offer online through the option 'Accept Offer letter'. If not accepted within 7 Days, this offer is liable to lapse at the discretion of TCS this offer will be automatically withdrawn.

After you accept this offer, you will be given a joining letter indicating the details of your joining date and initial place of posting. The Joining letter will be issued to you only upon successful completion of your academic course and you meeting the TCS eligibility criteria.

You will also be issued a letter of appointment at the time of your joining after completing joining formalities as per company policy. Your offer is subject to a positive background check.

COMPENSATION AND BENEFITS

BASIC SALARY

You will be eligible for a basic salary of **₹7,950/-** per month.

TCS Confidential
TCSL/DT20217539674

TATA CONSULTANCY SERVICES
Tata Consultancy Services Limited
Deccanpark, No 1 Software Units Layout, Madhapur, Hyderabad 500 081 India
Tel: 91 40 6667 2000 Fax: 91 40 6667 2222 Website: www.tcs.com
Registered Office: Nivaldi Building, 9th Floor, Nariman Point, Mumbai 400 021
TCS Career Service Line: 1800 209 3111 Email: sareers@tcs.com

5. Amal S Nair

Mathematics Association 2021-22



6. Anjitha S Nair

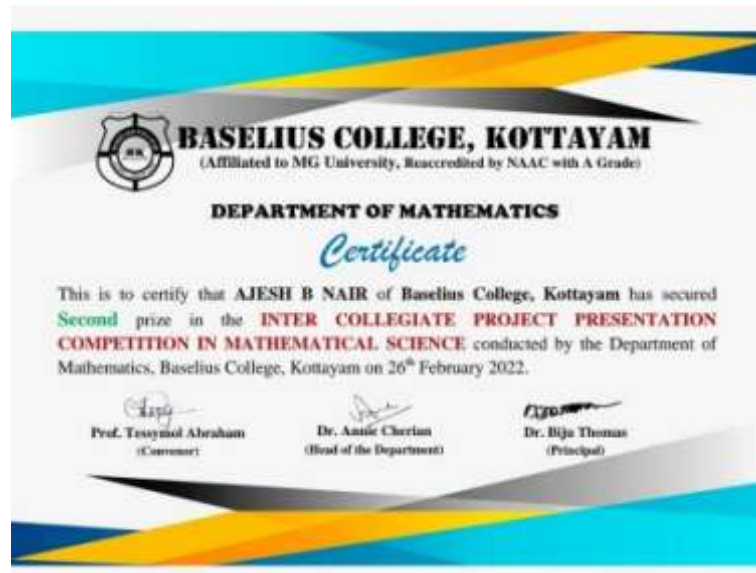


Mathematics Association 2021-22

7. Athira P.R



8. Ajesh B Nair



Mathematics Association 2021-22

.Ajesh B Nair

Final Selected Candidates from **BSc. Maths / Physics** Stream for the position of **Supervisor Production**.

Request all the selected candidates to submit their acceptance on our offer through the following link on or before 08.04.2022_10.00am.

Link: <https://forms.gle/yLRbvKJJro3jj5jv7>

Selected Candidates:



This email is marked to all the selected candidates & Respective Placement Coordinators.

Please go through the Terms and Conditions with respect to MRF Job Offer.

1. This offer is subject to candidates being found medically fit. All the selected candidates will have to

