

***DEPARTMENT OF
MATHEMATICS***



***ACTIVITY REPORT
2020-2021***

E-Teaching

On 3 June 2020 the department of Mathematics SES College Sreekandapuram in Association with IQAC SES College, Sreekandapuram arranged a webinar on “E-Teaching” for the faculties of mathematics and students. This programme was inaugurated by our principal Dr.Dominic Thomas and coordinate by Dr.Reena Sebastian, HoD of Department of Mathematics. The session was handled by Dr.K.S Sajan, Assistant professor in education, NSS training college, Ottapalam .



S.E.S. COLLEGE
Affiliated to KANNUR UNIVERSITY
Accredited by NAAC with B Grade
SREEKANDAPURAM, KANNUR KERALA 670631

INTERNATIONAL MULTIDISCIPLINARY WEBINAR SERIES
CONVERGENCE 2020
29 May, 2020, Friday onwards

3rd June 2020
10.30am to 12.30 PM

Topic:
"E- teaching"



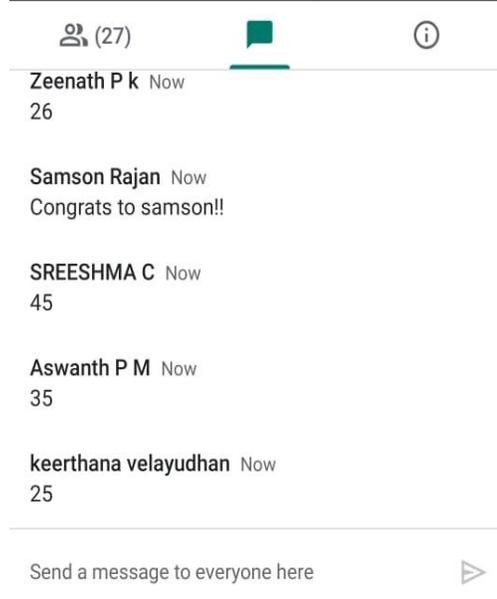
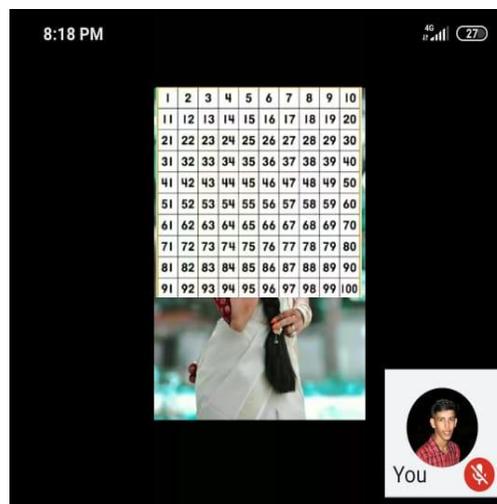
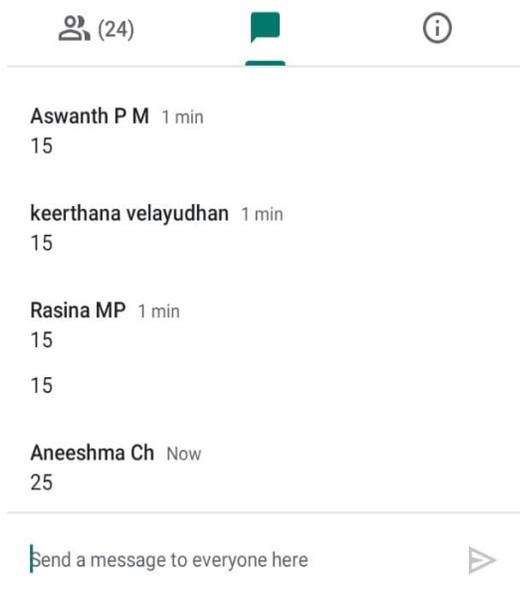
Resource Person
Dr K.S Sajan,
Assistant Professor in Education,
NSS training College,
Ottapalam.

Host
Department of Mathematics

Coordinator:
Dr. Reena Sebastian
9400830766

KANAKKAYI E- ONAM

The Department of Mathematics SES College Sreekandapuram Conducted Onam celebration 2020 named “kanakkayi E-Onam” in the way of virtual mode. Due to covid pandemic, where it seems to be impossible to celebrate onam physically as erlier. Department arranged ‘Ludo tournament’, ‘ Virtual sundariku pottukuthal competition’, and ‘family photo contest’ for students, teachers and parents on 31/08/2020.





Ses College
Sreekandapuram

കണക്കായി
E-ഓണം

Dept. of
mathematics
and
statistics
presents



Family
photo contest

കേരളത്തിനുമായെ മുൻ-
നിർത്തി നിങ്ങളുടെ
കുടുംബസമേതമുള്ള
ഫോട്ടോ താഴെ
കാണുന്ന
നമ്പറിലേക്ക് അയച്ചു
തരിക

അയക്കേണ്ട
അവസാന തീയതി:
31/08/2020, 3PM

Ph: +91 6282 541 251
6235288757
9544164145

(only for ses
college students)



Ses college Sreekandapuram

Dept Of
mathematics and
statistics
presents



കണക്കായി
E-ഓണം

* LUDO TOURNAMENT

[Only for ses college
students]

31/08/2020 നു
രാവിലെ 9
മണിക്കൂറുകളിൽ
രജിസ്റ്റർ ചെയ്യുന്ന
ആദ്യ 32
പേർക്കാണ് വസരം

FOR REGISTRATION:
9496377959
9645563721

(30/08/2020)

VIRTUAL
SUNDHARIKKU
POTTUKUTHAL
COMPETITION

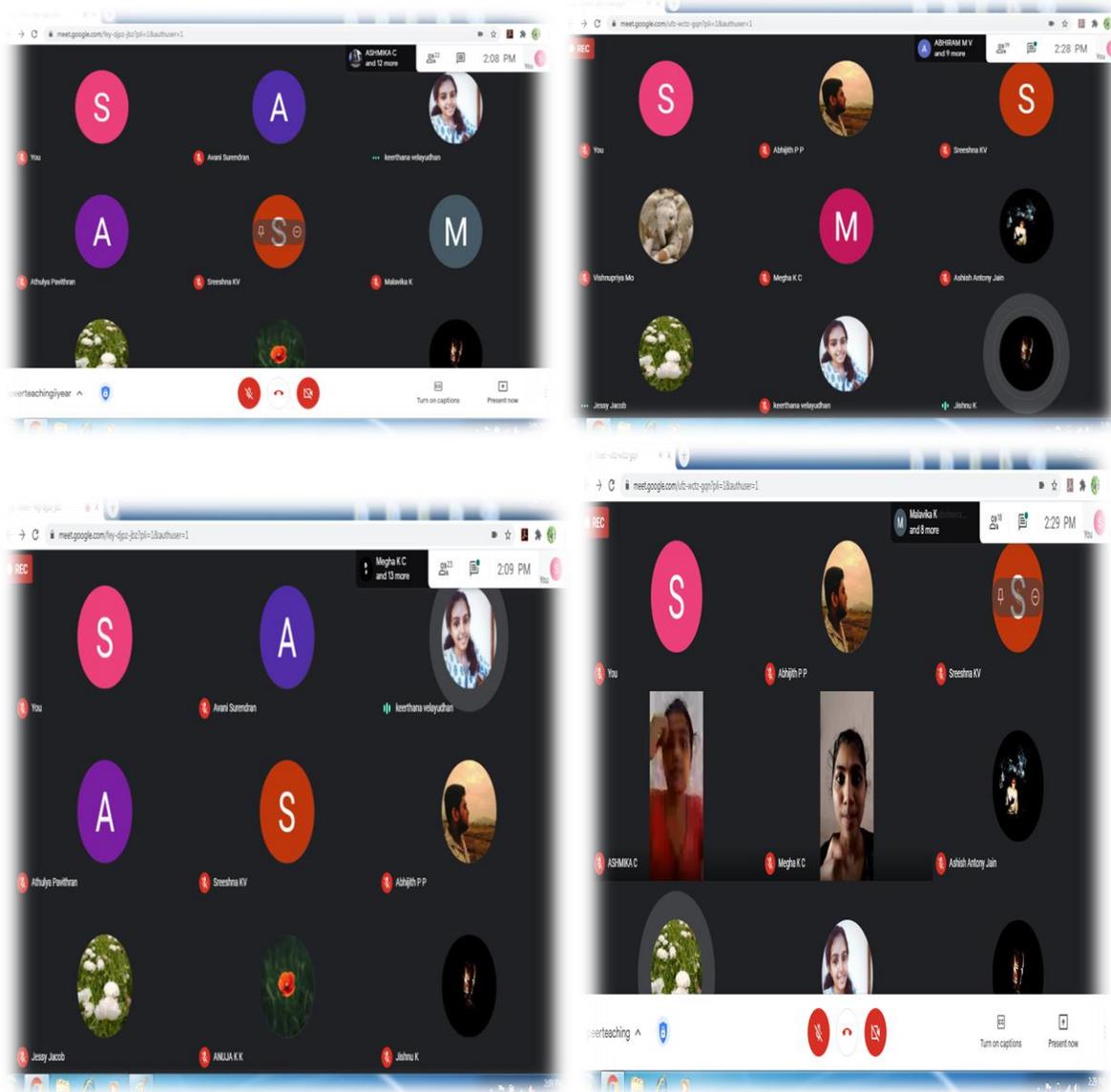
For
Registration :
8136977506
9544164145
(for parents of students from
maths department)

#stay home

#stay safe

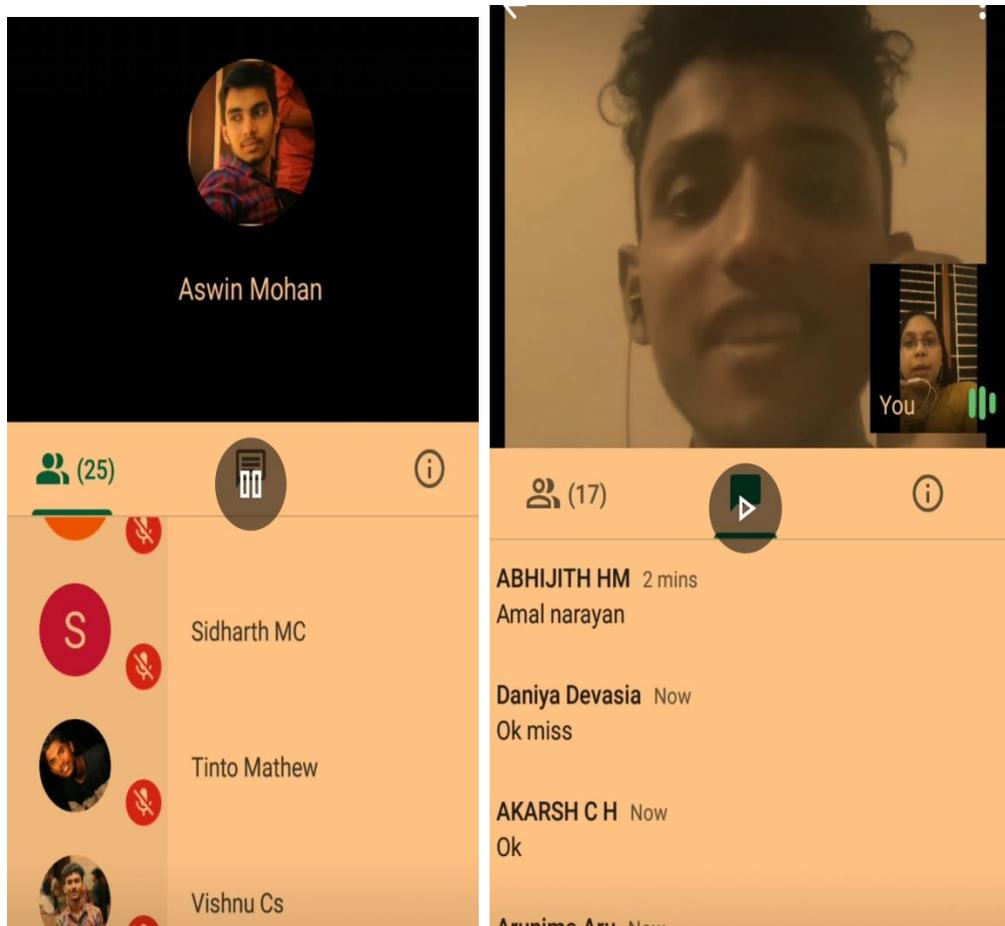
Peer teaching

The Department of Mathematics S.E.S college Sreekandapuram Continuing Every year programme peer teaching, which help academically week students . This paves the learner student to learn without depending upon the teacher, and teacher-student to revise this topic again, on the belief that “to teach to learn twice”. through the directed interaction between students ,peer teaching promotes active learning as well as participation with in themselves. Student teachers enhance their own depth of knowledge in the topic by instructing others.



Certificate Course

The Department of Mathematics S.E.S college Sreekandapuram arranged a Certificate course “ An introduction to LATEX” inaugurated by Dr.Reena Sebastian on 16/10/2020. The main objective of the course is Typesetting of complex mathematical formulae. LATEX is a document preparation system for high quality typesetting, which is preferably used for technical /scientific papers writing for journals by researchers , engineers and mathematicians at large . The typesetting system offers programmable writing features and extensive facilities for automating most aspects of typesetting. The course offered for III year Mathematics students.



Application for certificate Course
 DEPARTMENT OF MATHEMATICS
 SES COLLEGE SREEKANDAPURAM

An Introduction to LATEX

Name of student — KRISHNAPRIYA P B
 Date of birth — 26/03/2001
 class — IIIrd DC MATHS
 Register number — SE18CMSR15
 Address — PUTHANKANDATHIL (H),
 NARIYANMAVU,
 PULIKURUMBA (P O)
 670552 (Pin) KANNUR (Dist)
 Contact number — 7510780412

Date — 16/10/2020 signature
Krishnapriya
 Place — Pulikurumba

Office use

Admission number :
 verified by

Application for Certificate Course
 DEPARTMENT OF MATHEMATICS
 SES COLLEGE, SREEKANDAPURAM.

An Introduction to LATEX

Name of student : SREENANDU M P
 date of birth : 23-09-2000
 class : IIIrd DC MATHS
 Reg. Number : SE18CMSR27
 Address : UNDAPURAYIL (H)
 PANNIYAL,
 KODTUMVILHAM (Po),
 KANNUR, Pin: 670531

Contact Number : 9207673781
 Date: 17-10-2020 Signature
Sreen

Office Use

Admission number:
 verified by :

Application for Certificate Course
 DEPARTMENT OF MATHEMATICS
 SES. COLLEGE, SREEKANDAPURAM

An Introduction to LATEX

Name of student : Anisha E
 Date of birth : 03-08-2000
 Class : III DC Maths
 Register number : SE18CMSR06
 Address : Edathakathi (H)
 Pooppuramba (Po)
 Pooppuramba
 Contact number : 8281163563

Date : 16-10-2020 Signature: Anisha
 Place : Pooppuramba

office use

Admission number :
 verified by

Application for Certificate Course
 DEPARTMENT OF MATHEMATICS
 SES COLLEGE, SREEKANDAPURAM

An Introduction to LATEX

Name of student : DANIVA ALPHONSA DEVASIA
 Date of Birth : 30-05-2000
 class : IIIrd DC BSc Mathematics
 Register number : SE18CMSR12
 Address : Daniva Alphonsa Devasia
 Vadamkottam (ii)
 Chennampathi (PO)
 Kannur
 Contact number : 8075614388

Date : 16-10-2020 signature: Daniva
 place : Chennampathi

Office Use

Admission number :
 verified by

SES COLLEGE SREEKANDAPURAM

DEPARTMENT OF MATHEMATICS

AN INTRODUCTION TO LATEX



A short course in latex

2020-21

Organized by Department of mathematics

Department of mathematics S E S College Sreekandapuram Organizes a certificate course An introduction to latex during the academic year 2020-21. Latex is a document preparing system for high quality typesetting . In this course participants will be exposed to the basic element of latex.

We invite you to the programme

“An introduction to latex”

staring on 16/10/2020

COURSE OBJECTIVES

- Typesetting of journal articles, technical report, thesis, book and slide presentation
- Control over large document containing sectioning, cross-references, table and figures.
- Typesetting of complex mathematical formulac.
- Advanced typesetting of mathematics
- Automatic generation of table of contents, bibliographies and indexes .

Orientation Programme and bridge course

Department of Mathematics conducted orientation programme for BSc Mathematics students admitted in 2020. Due to pandemic situation orientation programme was conducted on online mode, in order to familiarize the newly admitted students with discipline matters, college rules and regulations, details about student support activities of the college etc. Bridge course named **Basics of calculus**, for the basic idea about Mathematics problems also designed to help the students to gain knowledge and skills needed for graduation.



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SREEKANDAPURAM POST,
KANNEUR DISTRICT,
KERALA, PIN-670611
PH: 0466-2230293, 2231145



www.sescollege.ac.in • sescollege.skper@gmail.com • principal.sescollege@gmail.com

INDUCTION AND BRIDGE COURSE PROGRAMME 2020-21



Three weeks Orientation Programme and Bridge Course are organised by S.E.S College for First year Degree students to introduce the college to the students and also familiarise the initiatives of the college.

Week 1

Monday(16/11/2020)- (Parents & Students)

Principal's Presentation: Dr.Dominic Thomas

(Principal S.E.S College)

IQAC Presentation: Sri. Sajeesh T J

(IQAC Coordinator)

Discipline Presentation : Smt. Sheela M Joseph

(Convenor Discipline Committee)

Academic Presentation: Smt .Jessi Jacob

(Convener AMC & Anti ragging)

Tuesday (17/11/2020) (Students)

Introduction to NCC : Lt. Preju K Paul (NCC Officer)

Introduction to NSS : Dr. Rejith P (NSS Officer)

Smt. Silja C (NSS Officer)

Wednesday (18/11/2020)

Introduction to WWS:Smt. PunnyaPrakashan A K

(Coordinator -WWS)

Introduction to SSP : Lt. Preju K Paul

(Coordinator-SSP)

Introduction to ASAP : Smt.ShabeenaBacker

(Coordinator-ASAP)

Thursday (19/11/2020)

Anti-Ragging Awareness Programme:

Smt. Jessi Jacob

(Convenor Anti ragging)

Resource Persons : Radhakrishnan K

(Sub Inspector,KAP 4 Bn)

Friday (20/11/2020)

Motivation class & Counseling :

Smt.SunithaJoseph

(Coordinator -Counseling center)

Week 2

Monday(23/11/2020) : Presentation by HoD

Tuesday(24/11/2020) : Introduction by Tutors-
Department wise

Wednesday(25/11/2020) : Introduction by
Subject Wise Teachers

Thursday(26/11/2020) : Introduction to
department wise clubs and others

Friday(27/11/2020) : Introduction to Bridge
Courses/Certificate courses and others

Week 3

Bridge Course (Minimum 15 hrs Programme)

SES Aided

BBA :

Management Concepts and Basics Accounting

B.Com:

Basics Accounting and Management Concepts

BA English :

Basics of Language and Literature

BA Economics:

Economics Foundation Programme

BSc Mathematics:

Basics of Calculus

BSc Physics:

Foundational Course in physics

BSc Chemistry:

Basics of Inorganic Chemistry

MCJ:

Introduction to Journalism & Communication

SES Unaided

B.Com:

Basics Accounting and Management Concepts

BA English:

Basics of Language and Literature

BCA & BSc Computer:

Basics of IT

Week 4

Introduction of curriculum and syllabus
(Along with Parents)

Webinar : EIGEN FACES – A MATHEMATICAL VIEW

The Department of Mathematics SES college Sreekandapuram in association with α - β Club organised a webinar on the topic " EIGEN FACES – A MATHEMATICAL VIEW "for Mathematics students on 15 December 2020 in Google Meet. Webinar was inaugurated by Dr. Bajeel P N, Asst Professor, Dept of Mathematics and presided by Dr. Dominic Thomas, Principal SES College .This program was felicitated by Mr. Sajeesh T J, IQAC Coordinator and HOD ,Department of commerce. The resource person for this informative webinar was Dr. Bajeel P N, Asst Professor, Dept of Mathematics, Sir Syed College. He spoke briefly about Eigen faces in real life situations. More than 75 students attended the webinar.

The image displays two screenshots from a Google Meet webinar. The left screenshot shows a mathematical matrix with elements a_{ij} and indices i, j, m, n . The right screenshot shows a video feed of a man speaking. Below both are lists of participants in the meeting.

Left Screenshot: Matrix

$$\begin{matrix} & \begin{matrix} 1 & 2 & \dots & n \end{matrix} \\ \begin{matrix} 1 \\ 2 \\ 3 \\ \vdots \\ m \end{matrix} & \begin{bmatrix} a_{11} & a_{12} & \dots & a_{1n} \\ a_{21} & a_{22} & \dots & a_{2n} \\ a_{31} & a_{32} & \dots & a_{3n} \\ \vdots & \vdots & \vdots & \vdots \\ a_{m1} & a_{m2} & \dots & a_{mn} \end{bmatrix} \end{matrix}$$

Right Screenshot: Video Feed

Participants in the meeting (54):

- ANUJA K K
- anupriya vr
- Anusree Sreekumar
- APSHA P K

Participants in the meeting (60):

- Rasina MP (You)
- Abhinav KK
- Reena Shijo
- Bajeel PN



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S.E.S. COLLEGE

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DEPARTMENT OF MATHEMATICS

Organizes a Webinar On

EIGEN FACES – A MATHEMATICAL VIEW

In Association with α - β CLUB.



Dr. Bajeel P N

Welcome	: Dr. Reena Sebastian, HOD Dept. of Mathematics
Presidential Address	: Dr. Dominic Thomas, Principal SES College
Inaugural Address	: Dr. Bajeel P N, Asst Professor, Dept of Mathematics
&Presentation	Sir Syed College
Felicitation	: 1.Mr Sajeesh T J, IQAC Coordinator
	2.Smt Rasina M P, Asst professor, Dept. of Mathematics
Vote of Thanks	: Akarsh C H, Chairman, College student union

15 December 2020 @ 3 PM

Plat form



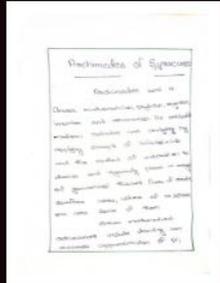
MATHAMAGIC:Magazine release

Department of Mathematics SES college Sreekandapuram and mathematics students have designed an e-magazine released the magazine 'MATHEMAGIC' ON 15/12/2020 through online goggle meet. Each and every student present there idea on it.

The image shows a Google Meet interface during a presentation. The top status bar indicates 'WhatsApp 4G', '7:26 PM', and '92%' battery. The browser address bar shows 'Not Secure — online.anyflip.com'. The main content area displays a document titled '15 December 2020 3:20 PM' with an 'Edit' button. The document content includes a 'GK CORNER' section with text and a geometric diagram. Below the document, a 'Thumbnails' gallery is visible, showing 12 numbered thumbnails (37-48) of various mathematical content, including portraits, text pages, and geometric diagrams. The bottom of the screen shows the Google Meet interface with 65 participants and a list of others in the meeting: Abhiram T Babu, Adithya, and ADITHYA M B.



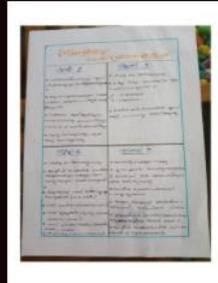
Thumbnails



10



11



12



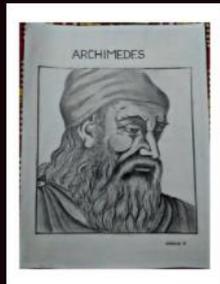
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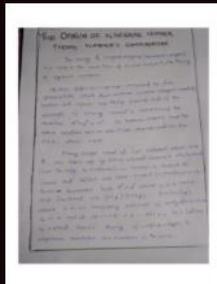
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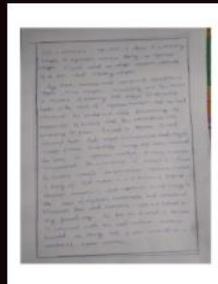
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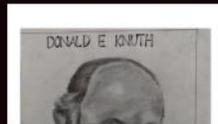
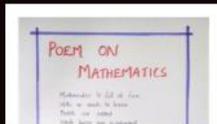
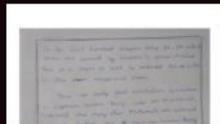
16



17



18



Fresher's day programme

The Department of Mathematics SES college Sreekandapuram organizes a fresher's day programme on 21 December 2020 named **Euclid**. The purpose of Fresher's party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of our college.

**SES College
Mathematics Department
Presents...**

FRESHER'S DAY PARTY

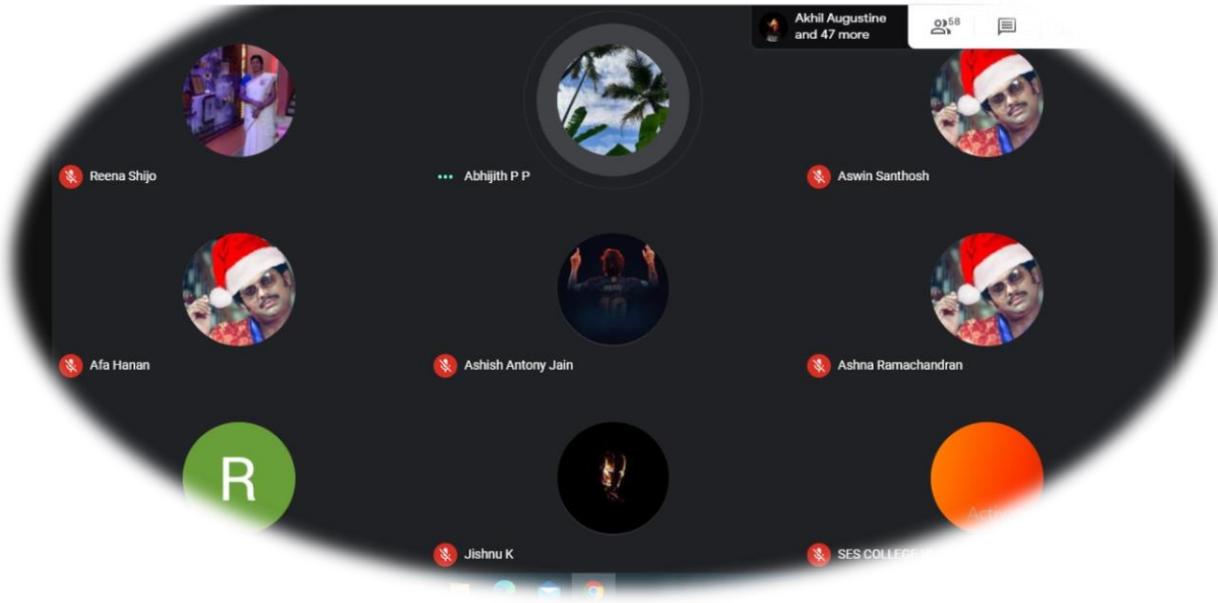
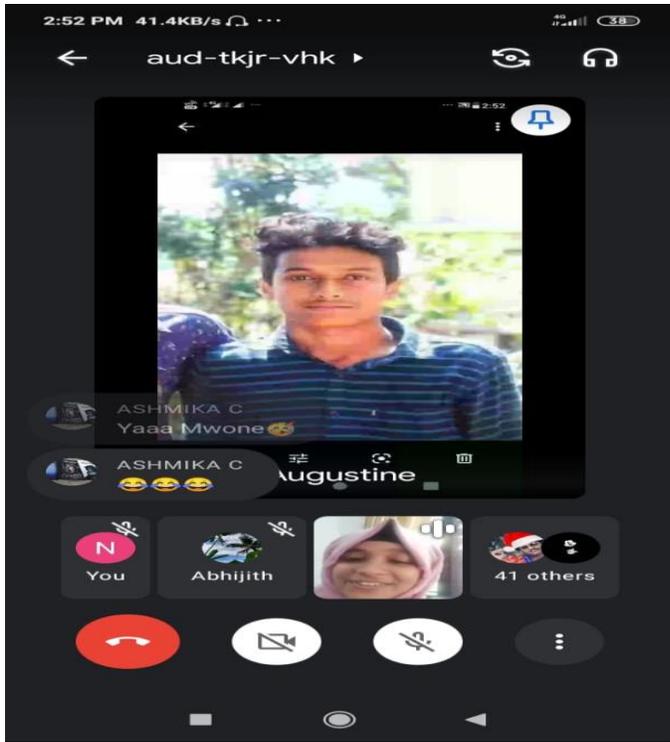
EUCLID

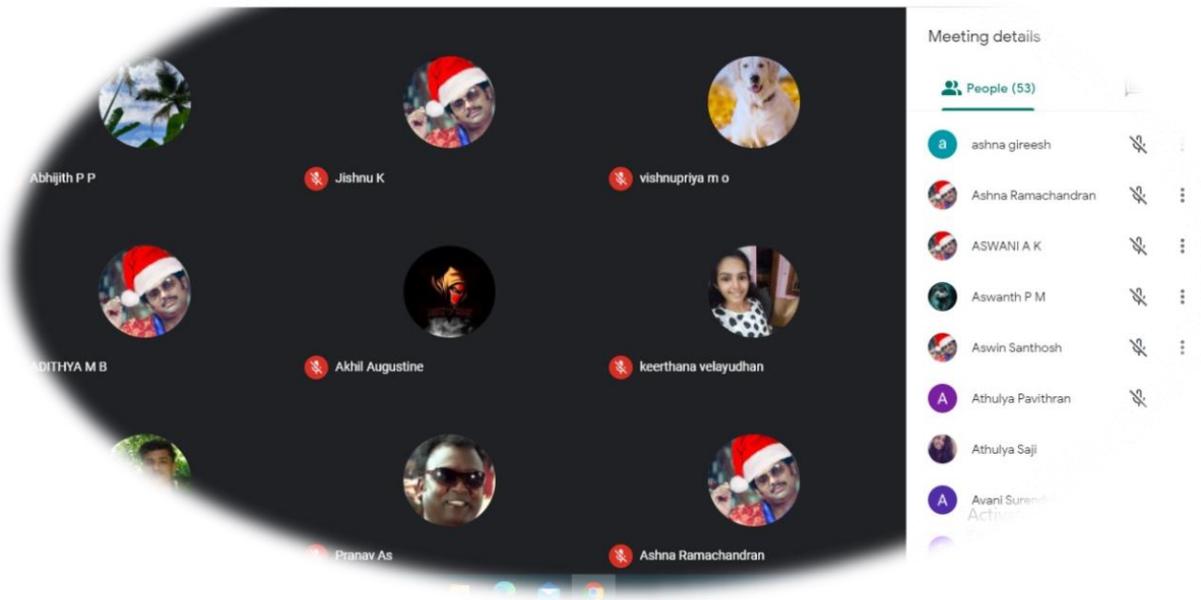
**PANI VARRUNNU
AVARACHA!**

@ 1:00 PM

On 21 Dec 2020

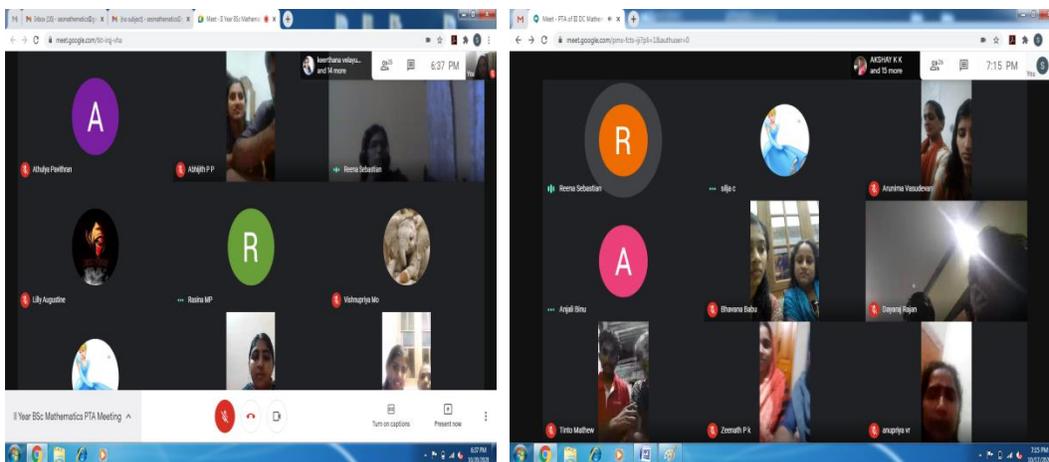
@ GOOGLE MEET

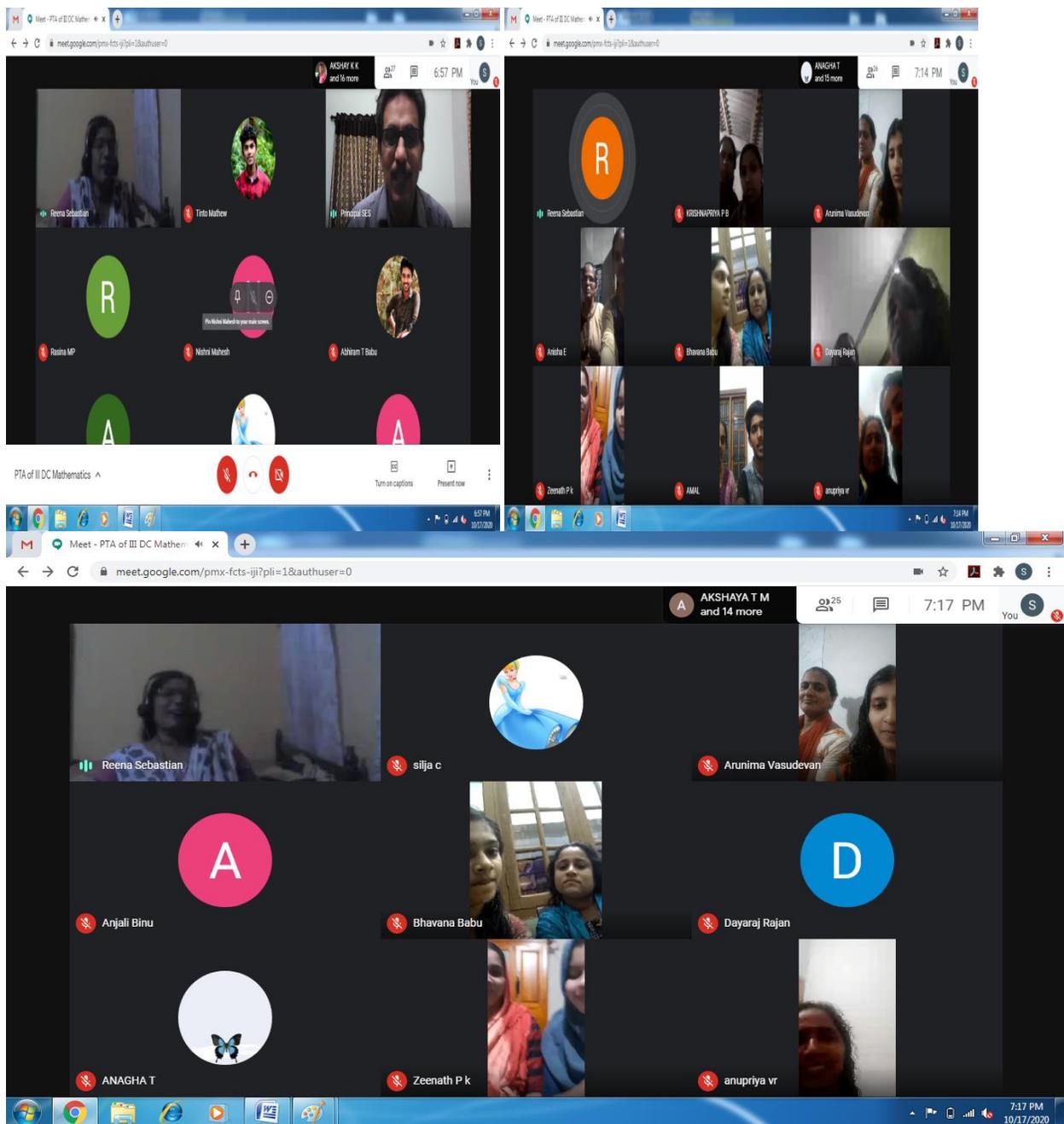




Parents meeting

Department of Mathematics SES college Sreekandapuram conducted parents meeting for all classes. Discussed the difficulties faced by the students due to the online classes were discussed during the session. Whatsapp groups were created in order to maintain a regular contact with the parents of each students.

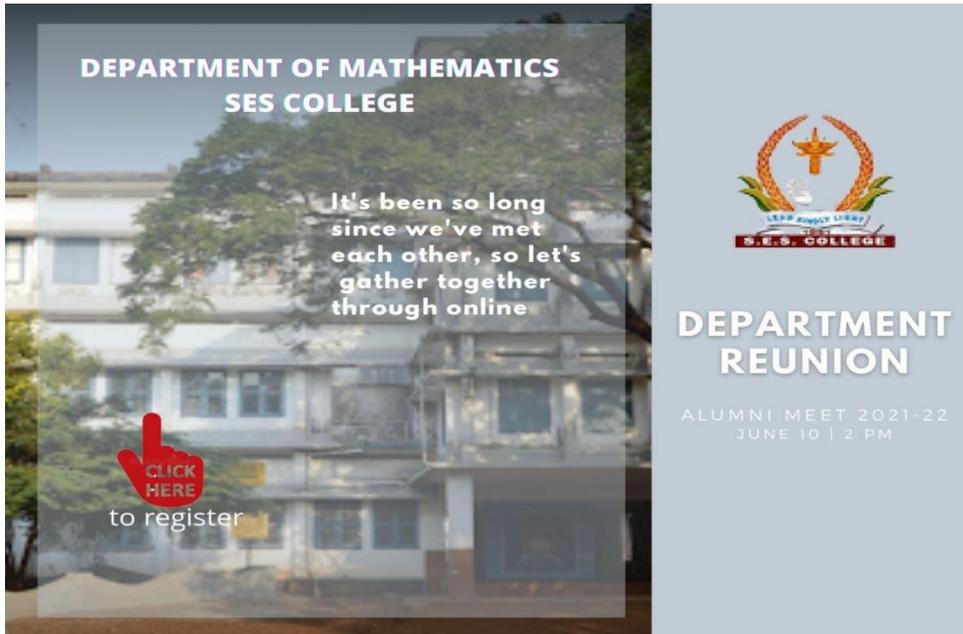




Alumni meeting

An Alumni meet was held on 10/06/2021 to past students and teachers of department of mathematics in the way of online mode. It was a great event. They share there past experience and current situations in the

path of their career. Teachers were very glad to see their students. The concept of alumni association evolved for needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life.



**DEPARTMENT OF MATHEMATICS
SES COLLEGE**

It's been so long since we've met each other, so let's gather together through online

CLICK HERE
to register



DEPARTMENT REUNION

ALUMNI MEET 2021-22
JUNE 10 | 2 PM



**DEPARTMENT OF MATHEMATICS
SES COLLEGE**

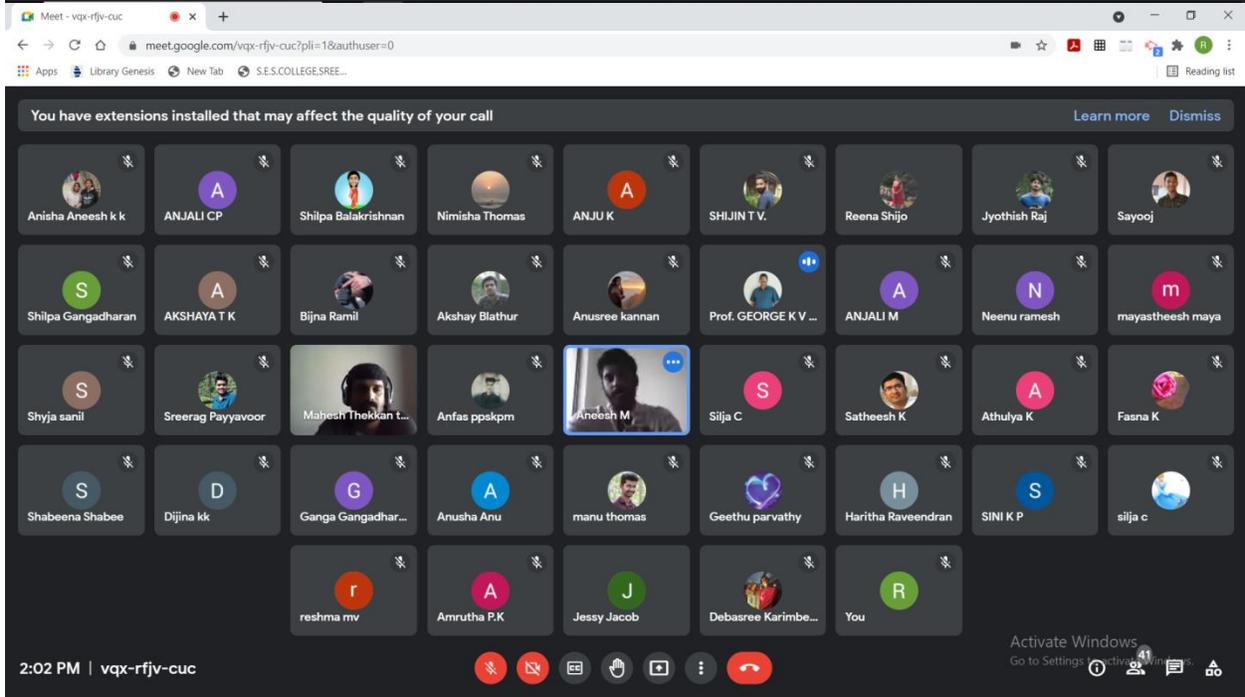
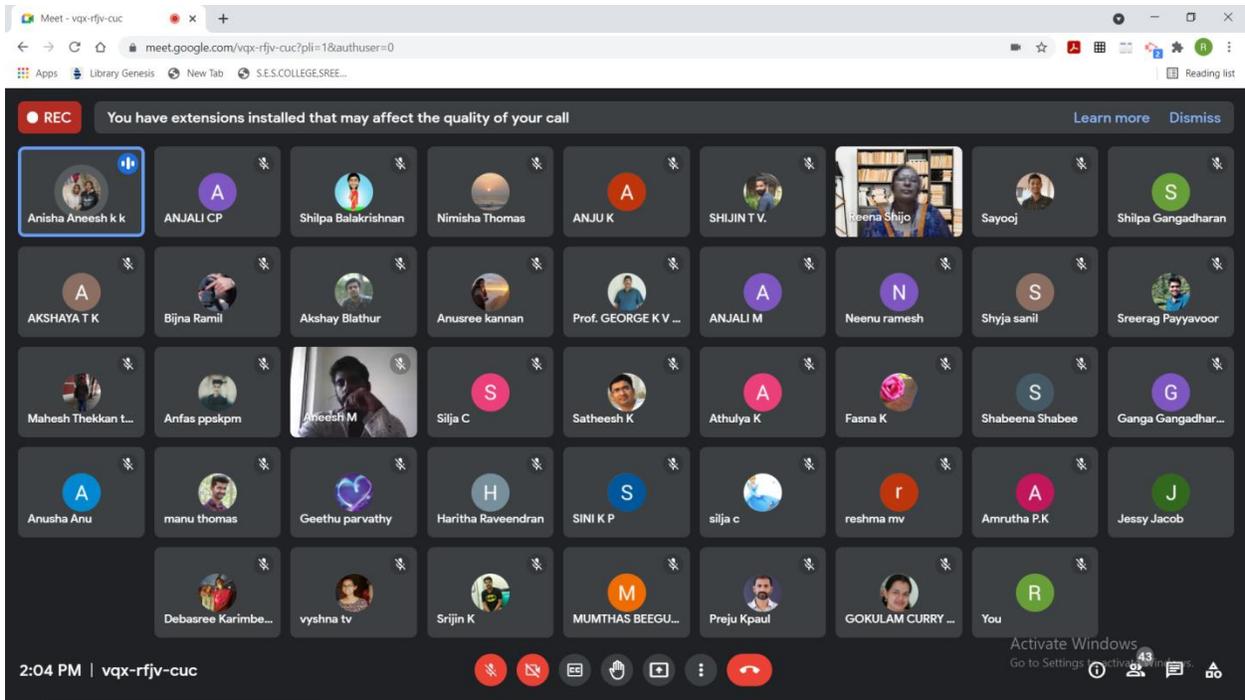
RETROSPECT '21
Alumni Meet 2021-22

On
June 10

online meet  at 2pm

EVENTS

PRAAYER: Akhila Aneesh K K
WELCOME SPEECH: Dr. Reena Sebastian (Assistant professor & HOD of Mathematics department)
PRESIDENTIAL ADDRESS: Mahesh T V (Ph.D Scholar IIST Thiruvananthapuram)
INAGURATION: Dr. Aneesh M (Assistant Professor at IIT Bhuvanewar)
FELICITATION: Smt. Jessy Jacob (Associate Professor & HOD of Statistics Department)
George K V (Retired Professor)
Smt. Rasina M P (Assistant Professor)
VOTE OF THANKS: Akshay Blathur



Programme link:

<https://drive.google.com/file/d/1UxobahIFBPvQrOfmdVznWSNSSZUlovmk/view?usp=sharing>