



MES COLLEGE ERUMELY

BRIDGE COURSE



2020 - 2021

From

The Head Of The Department
Department of Electronics
MES College Erumely

To

The Principal
MES College Erumely

Sub: request for seeking approval of bridge course

Sir,

We are planning to conduct a bridge course on 'Basics of Mathematics'. I request you to give the sanction to start the course. The syllabus of the course and the list of the students enrolled are attached with this letter.

Thanking You

Yours faithfully

Jisha C.K

Head of the department

Head of the Department
Department of Electronics
M. E. S. College Erumely

Jisha C.K
19/10/2020

Erumely

20/10/2020

Forwarded to Principal for Approval

Approved the Bridge Course of Electronics Department as per the Recommendation of Direct HOD

[Signature]
20/10/2020

[Signature]
20/10/2020
M. E. S. COLLEGE ERUMELY

[Signature]
20/10/2020

MES COLLEGE ERUMELY

HUMAN RESOURCE DEVELOPMENT CENTRE

- 1.Name of the bridge course : Basics of Mathematics
2. Offered Department : Electronics
- 3.Duration of the course : 15Hrs
- 4.Commencement of course : 13/11/2020.
- 5.Proposed date for completion of the course : 30/1/2021
- 6.No. of students Applied : 11
- 7.No. of students enrolled : 11
- 8.Mode of evaluation :periodic evaluation,test papers and final exam
- 9.Course Materials :ppt& jam board
- 10.Syllabus of course(enclosed) : yes
- 11.Objectives of the course(enclosed) : yes
- 12.Details of Faculties : Jisha C.K
- 13.Certification Authority : MES college Erumely
- 14.Details of Board of studies :
- 15.Recommendation from board of studies :
- 16.Date of approval from board of studies :

17.Course approved by

- HOD
- Director HRDC
- Vice Principal Academic & Training
- Principal

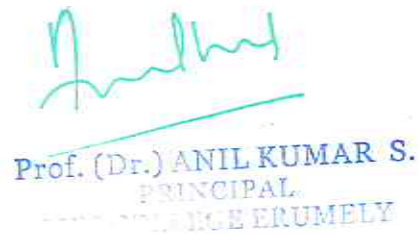

16/11/2020




20/11/2020


21/11/2020

JITHESH K. S.
VICE PRINCIPAL
TRAINING & ACADEMIC -1

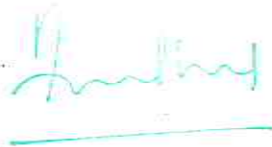

Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL
MES COLLEGE ERUMELY

Objectives of Bridge course

- To prepare the students with knowledge and confidence
- To bridge the gap between school and collegiate education
- To prepare the students to face the challenges of a new course



JISHA C. K.
B.Tech. (C.E.)
Department of Electronics
M. E. S. College Erumely



Prof. JISHA C. K.
MES COLLEGE ERUMELY

MES COLLEGE ERUMELY
DEPARTMENT OF ELECTRONICS
Bridge Course

Basic Mathematics

Duration : 15hrs

1.Integers,fractions and decimals

Positive and negative integers,addition,subtraction, multiplication and division

Proper,improper and mixed fractions,caculations,LCM

Decimals - addition,subtraction,multiplication and division

Conversion of dimensions - mm,micro m,nanom,pico m

2.Differentiation

Standardforms,product rule,quotient rule,partial derivatives,derivatives of trigonometric functions

Integration Integral of a function,common integrals,product rule

3.Matrices

Determinants,representation of linear equations in matrix form,cramer's rule

Trigonometry

Pythagoras theorem,introductions to the trigonometric functions




Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL
MES COLLEGE ERUMELY

Quadratic equations

Standard form, method of finding roots, partial fractions

Vectors and complex functions

Representation of vectors, unit vector, general representation of complex functions, rectangular form, polar form



Department of Mathematics
M. E. S. College Erumely



JITHESH
VICE PRINCIPAL
TRAINING & A...-1



Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL
MES COLLEGE ERUMELY

MES COLLEGE ERUMELY
DEPARTMENT OF ELECTRONICS
List of students enrolled in Bridge course

Sl.No.	Name
1.	Adarsh Raj P
2.	Adwaithkumar
3.	Ajin S.S
4.	Aiswrya Aji
5.	Anisha Latheef
6.	Arun Lal
7.	Muhammed Anzil
8.	Muhammed Mehdi
9.	Nadiya Navas
10.	Sreeraj P.N
11.	Uday Usman



[Handwritten signature]
Prof. G. S. S. S. S.
MES COLLEGE ERUMELY

[Handwritten signature]
Date: 20/10/2020

[Handwritten signature]
JISHACK
Department of Electronics
M. E. S. College Erumely

DEPARTMENT OF ELECTRONICS
BRIDGE COURSE ATTENDANCE (2020-21)

Sl.No.	Name	5/12/2020	9/12/2020	10/12/2020	13/12/2020	15/12/2020	20/12/2020	21/12/2020	1/2/2021	3/2/2021	5/2/2021	6/2/2021	% of attendanc
1	Adarsh Raj P	1	2	1	1	2	1	1	2	1	2	1	100
2	Aiswarya Aji	1	2	1	1	2	1	1	0	1	2	1	93
3	Ajin S S	1	2	1	1	2	1	1	2	1	2	1	100
4	Anisha Lathief	0	2	1	1	2	0	0	2	1	2	0	73
5	Arunlal A T	0	0	0	0	0	1	1	0	0	0	0	6
6	Muhammad Anzil	1	0	1	1	2	1	1	0	1	2	0	66
7	Muhammad Mehdi	0	2	1	1	0	1	1	0	1	2	1	66
8	Nadiya Navas	1	0	0	0	2	1	1	0	0	0	0	26
9	Sreeraj P N	0	2	1	1	2	1	1	2	1	2	1	93
10	Uday Usman	1	0	0	1	0	1	1	0	1	2	0	46



Sureka

Department of Electronics
M. E. S. College Kottayam

Sureka

Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL