



EKNM GOVERNMENT COLLEGE ELERITHATTU
(Established in 1981, Affiliated to Kannur University)

Accredited by NAAC with 'B' Grade

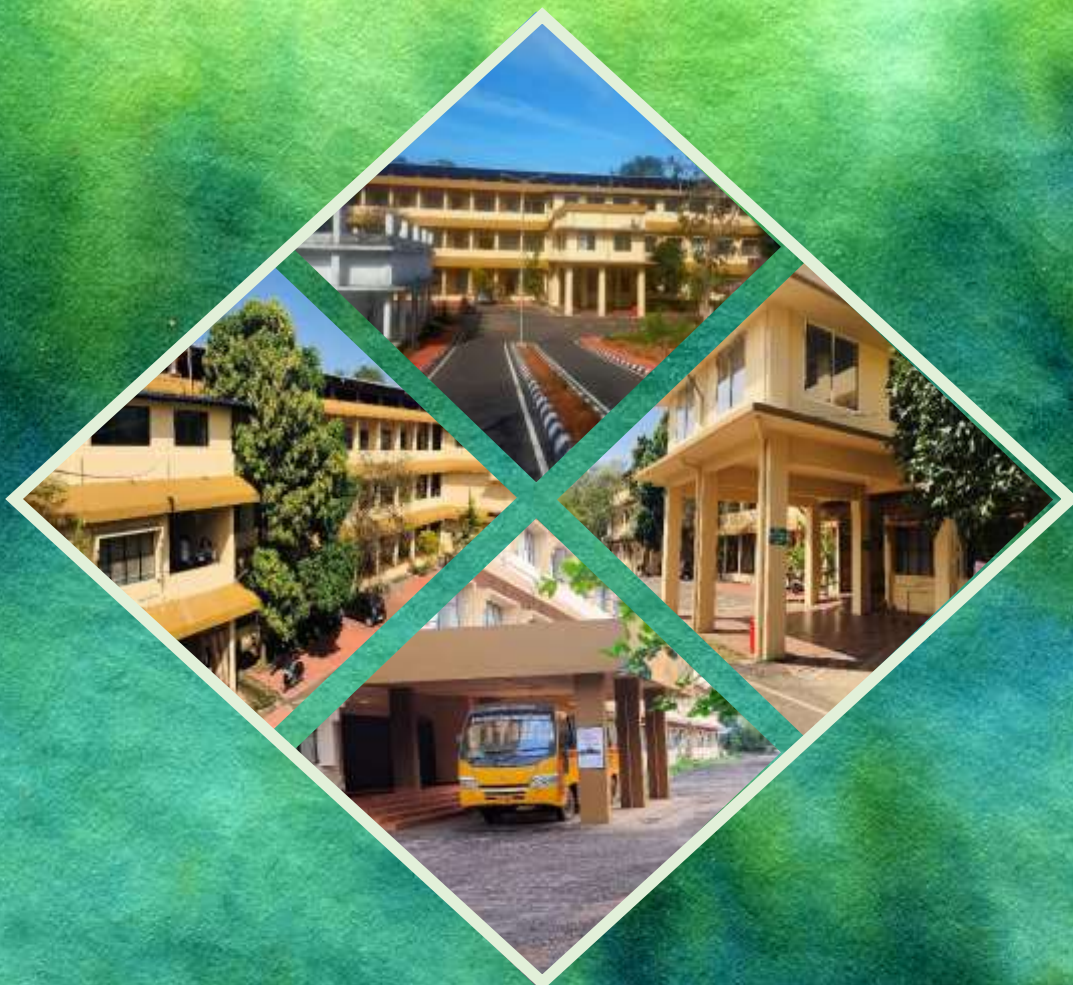
Elerithattu(PO), Nileshwar (Via), Kasaragod (Dist.), Kerala-671314, Ph: 04672245833, 9188900213
e-mail: eknmgovtcollege@yahoo.com , Web: <http://www.eknmgc.ac.in>

Share Market Operations

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Share Market Operations

Syllabus

EKNM GOVERNMENT COLLEGE, ELERITHATTU
DEPARTMENT OF COMMERCE
ADD ON COURSE COURSE 2018-19
COURSE CODE :AC/Com/2018-19
SHARE MARKET OPERATIONS
CO ORDINATOR : Soji M Sebastian
Total 30 hrs

SYLLABUS

Objectives

1. To familiarise students the various share market operations
2. To provide a practical experience of online trading.

Unit 1 Introduction to share market operations (10 hrs)

Unit 2 Introduction to online trading, NIFTY, BSE (10 hrs)

UNIT 3 Demonstration and training of online trading.(10 hrs)

Brochure

EKNM GOVT.COLLEGE ELERITHATTU
DEPARTMENT OF COMMERCE
ADD ON COURSE 2018-19

**SHARE MARKET
OPERATIONS**

Start date of application:10/11/18
End date :11/11/18
Only 30 seats are available

CONTACT:SOJI SEBASTIAN
CONTACT NUMBER:9446271032

ADMISSION
STARTED



Certificate Model



List of Students

SL No	Name of the Student	Admission No
1	ANUSREE. M	6488
2	ASHWIN. M	6544
3	BHAVANARAJ. R	6592
4	CHIPPI. K	6485
5	DIVYA RAJAN. V	6489
6	HARISREE SATHYAN. K	6543
7	JYOTHIRASHMI. E.K	6490
8	KAVYA GOPAL. V.V	6487
9	SACHIN. P.P	6491
10	SWETHA. N.M	6586
11	UNNIKRISHNAN. M	6571
12	AHMED AJLAB.M.T	6641
13	AKSHAY KRISHNAN. K	6561
14	AMALPRIYA. S	6600
15	ANJANA SREEDHARAN	6483
16	APARNA. P	6624
17	ATHIRA. K	6521
18	ATHIRA. M	6554
19	ATHIRA. V	6523
20	ATHUL S NAIR	6620
21	DEEPIKA. K	6482
22	GOPIKA. P	6549
23	HRITHIK PRAKASH	6519
24	KARTHIKA KUNHIRAMAN	6493
25	MOHAMED AMEEN. P.K	6555
26	NAYANA MATHEW	6510
27	RAGESH. P.C	6558
28	RANJITHA. A	6595
29	RASHIDA. C.H	6597
30	SHIJIN. C	6590

Attendance Sheet

E K N M Govt College, Elerithattu

Department of Commerce

ADD ON COURSE ATTENDANCE SHEET 2018-19 Date of commencement 15/11/2018

SL NO	NAME OF THE STUDENT	15/11	17/11	19/11	20/11	21/11	26/11	27/11	29/11	30/11	1-12	3-12	4-12	5-12	6-12	7-12	10-12	11-12	12-12	13/12	14/12	17/12	18/12	19/12	20/12	21/12	27/12	28/12	29/12	31/12
1	ANUSREE M	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	ASHWIN M	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	BHAVANARAJ R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	CHITRA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	DIVYA RAJAN V	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	HARISREE SATHYAN K	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	JYOTHRASHEMI E.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	KAVYA GOPAL V.V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	SACHIN P.P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	SWETHA N.M	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	UNNIKRISHNAN M	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	AHMED AJLAB M.T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	AKSHAY KRISHNAN K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	AMALPRIYA S	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	ANJANA SREEDHARAN	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	APARNA P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	ATHIRA K	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	ATHIRA M	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	ATHIRA V	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	ATHUL S NAIR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	DEEPIKA K	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	GOPIKA P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	HRIITHIK PRAKASH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	KARTHIKA KUNHIRAMAN	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	MOHAMMED AMEEN P.K	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	NAYANA MATHIEW	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	RAGESH P.C	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	RANJITHA A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	RASHIDA C.H	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	SHIJIN C	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	SOJIM SEBASTIAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


SOJIM SEBASTIAN
 Assistant Professor
 Department of Commerce
 EKNM Govt. College
 Elerithattu, Kasargod Dist.



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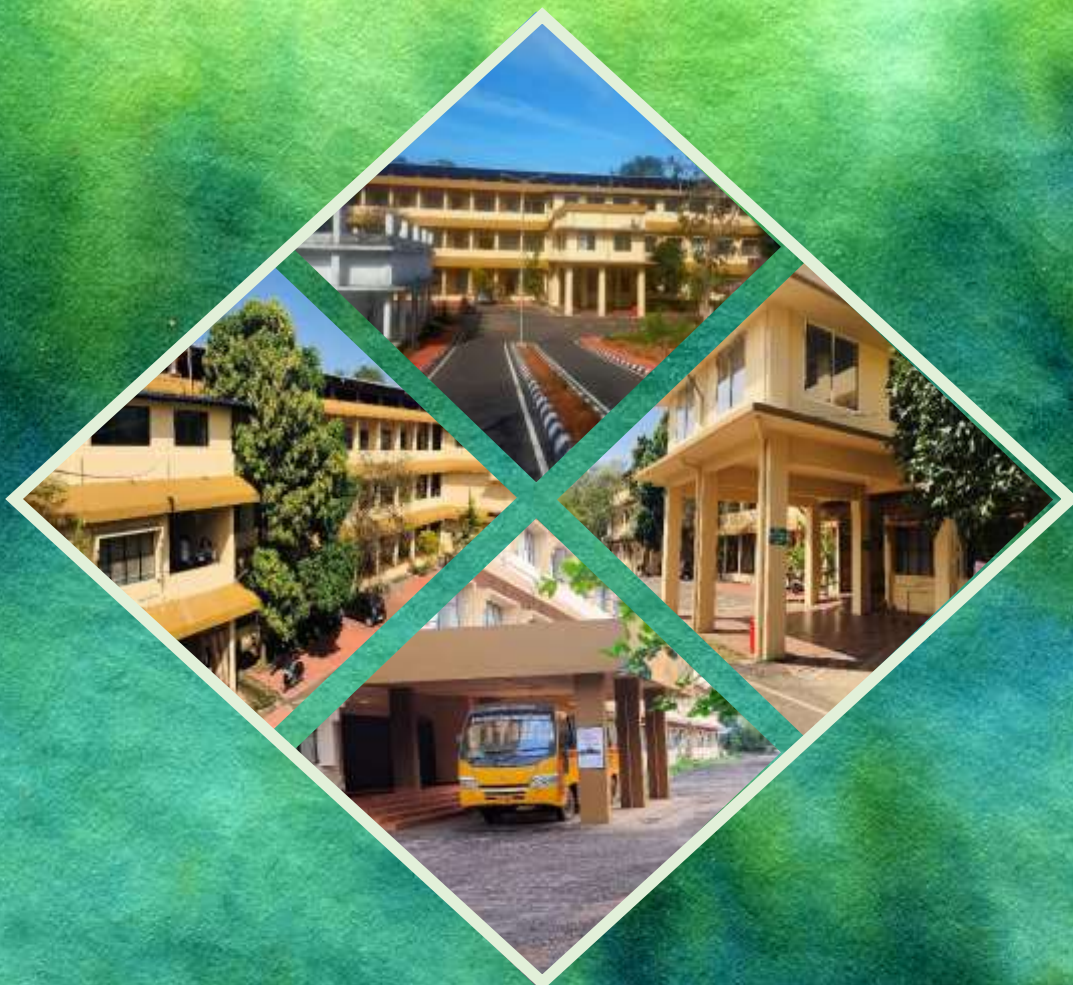
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Computer Graphics

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Computer Graphics

Syllabus

**EKNM GOVT COLLEGE ELERITHATTU
DEPARTMENT OF COMPUTER SCIENCE
ADD ON COURSE ON 'COMPUTER
GRAPHICS'SYLLABUS
ACADEMIC YEAR 2018-2019**

Target group : Under graduate students of Physics

Contact Hours : 30 hours

Course Objectives

- To understand the basic concepts of computer graphics
- To get aware about the different techniques in computer graphics.

Course Content

Unit 1

BASICS OF COMPUTER GRAPHICS: - Introduction, What is computer Graphics?, Area of Computer Graphics, Design and Drawing, Animation Multimedia applications, Simulation, How are pictures actually stored and displayed, Difficulties for displaying pictures.

Unit 2.

Cathode Ray Tube, Quality of Phosphors, CRTs for Color Display, Beam Penetration CRT, The Shadow - Mask CRT, Direct View Storage Tube, Tablets, The light Pen, Three Dimensional Devices

Unit 3

C Graphics Basics Graphics programming, initializing the graphics, C Graphical functions, simple programs

Unit 4

SIMPLE LINE DRAWING METHODS Point Plotting Techniques, Qualities of good line drawing algorithms, The Digital Differential Analyzer (DDA), Bresenham's Algorithm, Generation of Circles

Evaluation Procedure

Assignment, Periodic Tests and End of the course Examination

Brochure

EKNM GOVT.COLLEGE ELERITHATTU
DEPARTMENT OF COMPUTER SCIENCE

COMPUTER GRAPHICS

ADD ON
COURSE

2018-19



ADMISSION STARTED

START DATE OF APPLICATION: 12/10/18
END DATE OF APPLICATION: 15/10/18



9562098956



RATHEESH RAJU

Certificate Model

CERTIFICATE OF PARTICIPATION

This is to certify that

_____ has participated in the add on course "**COMPUTER GRAPHICS**"
organized by the department of computer science
during the academic year 2018-19

HOD

Add-on/CS/2018-19/01



PRINCIPAL



List of Students

SL. No	Name of the Student	Admission No	Department
1	ALBERT THOMAS	6608	I BSc Physics
2	CHITHRA. K	6574	I BSc Physics
3	PRANESH. K.V	6553	I BSc Physics
4	SREERAG. M	6634	I BSc Physics
5	ASHWIN RAJ	6639	I BSc Physics
6	ANJITHA. T.V	6416	II BSc Physics
7	ATHIRA SURESH	6430	II BSc Physics
8	VINEETHA. K.V	6357	II BSc Physics
9	AKHILA SANEESH	6399	II BSc Physics
10	ANIMA. M	6326	II BSc Physics
11	ABHIJITH. K.K	6134	III BSc Physics
12	VISHNU. M	6196	III BSc Physics
13	GOKUL.P	6253	III BSc Physics
14	JOFIN ANTONY	6245	III BSc Physics

Attendance Sheet

EKNM Govt. College Klerithattu
 Department of Computer Science
 ADD-ON Course In Computer Science 2018-19
 Attendance Sheet

Sl.No	Name of the Student	18/10/18	19/10/18	20/10/18	21/10/18	21/10/19	22/10/19	23/10/19	24/10/19	25/10/19	26/10/19	27/10/19	28/10/19	29/10/19	30/10/19	31/10/19	01/11/19	02/11/19	03/11/19	04/11/19	05/11/19
1	Albert Thomas	✓	✓	✓	✓	✓	*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Chithra K	✓	✓	✓	✓	✓	✓	*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Pranesh K.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Sreerag M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Aswin Raj	✓	✓	✓	✓	✓	✓	✓	*	✓	✓	*	*	*	*	✓	✓	✓	✓	✓	*
6	Anjitha T.V	✓	*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Athina Saneesh	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Vineetha K.V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Akhila Saneesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Anima M	✓	✓	+	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Abhijith K.K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Vishnu M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Geokul P	✓	*	+	✓	+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Jafin Antony	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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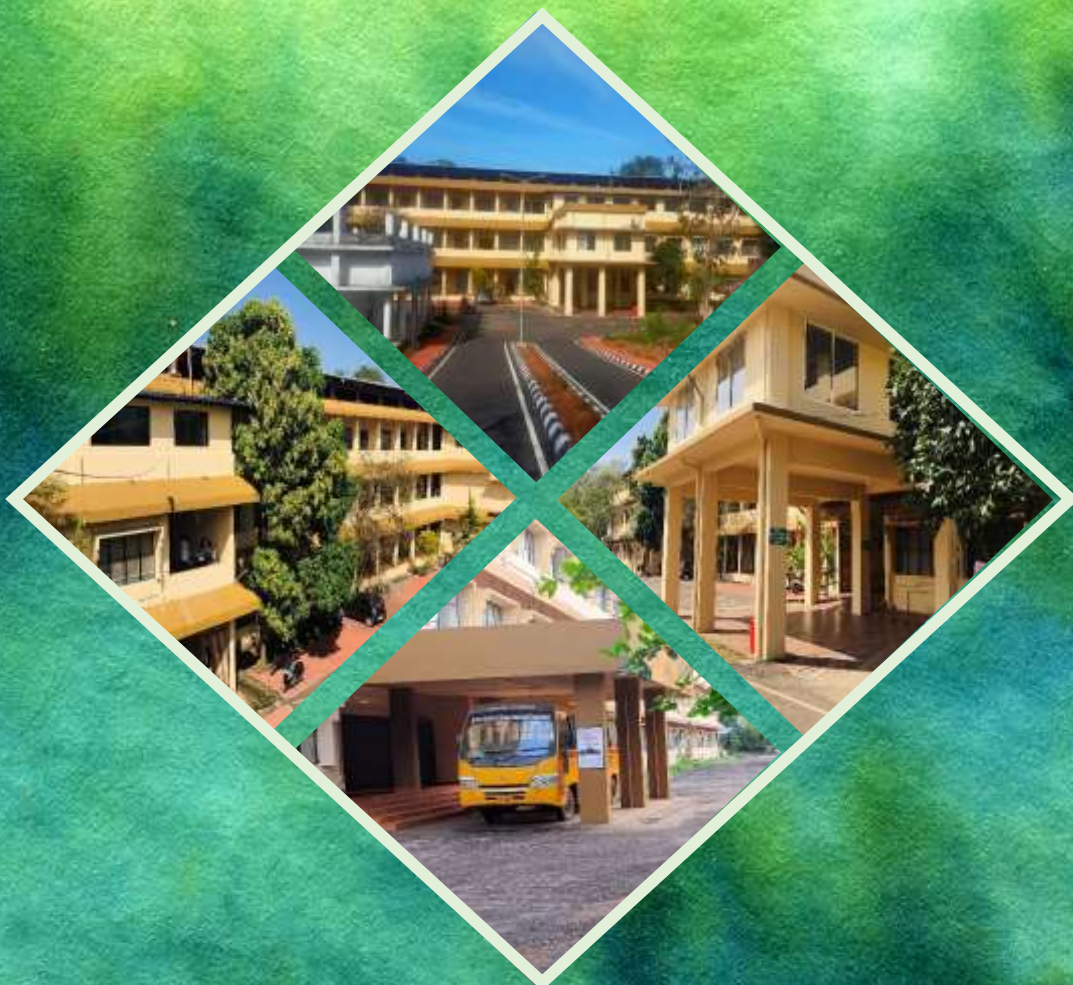
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Statistical Software for Data Analysis

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Statistical Software for Data Analysis Syllabus

EKNM GOVERNMENT COLLEGE ELERITHATTU

PG DEPARTMENT OF APPLIED ECONOMICS

ADD ON COURSE

ON

STATISTICAL SOFTWARE FOR DATA ANALYSIS

DATE OF COMMENCEMENT: 22/10/2018

(For PG students)

TOTAL HOURS : 30 Hr

Class Timing : 3.30-4.30 on working days and 9.30-4.30 on Saturdays

Programme outcomes

- This Add On course has been designed with the objective to develop in-depth knowledge of students in statistical use of statistical software for data analysis.
- This course will not only enhance their employability but also prepare them for future challenges.
- This course is basically tailored to meet this current lacuna in the research in applied economics.

Programme specific outcomes

Provide knowledge of using of statistical software like, SPSS, Eviews and Stata in data analysis

Course outcomes

Course is good to pursue the career as Data Analytics, Data Scientist in corporate world

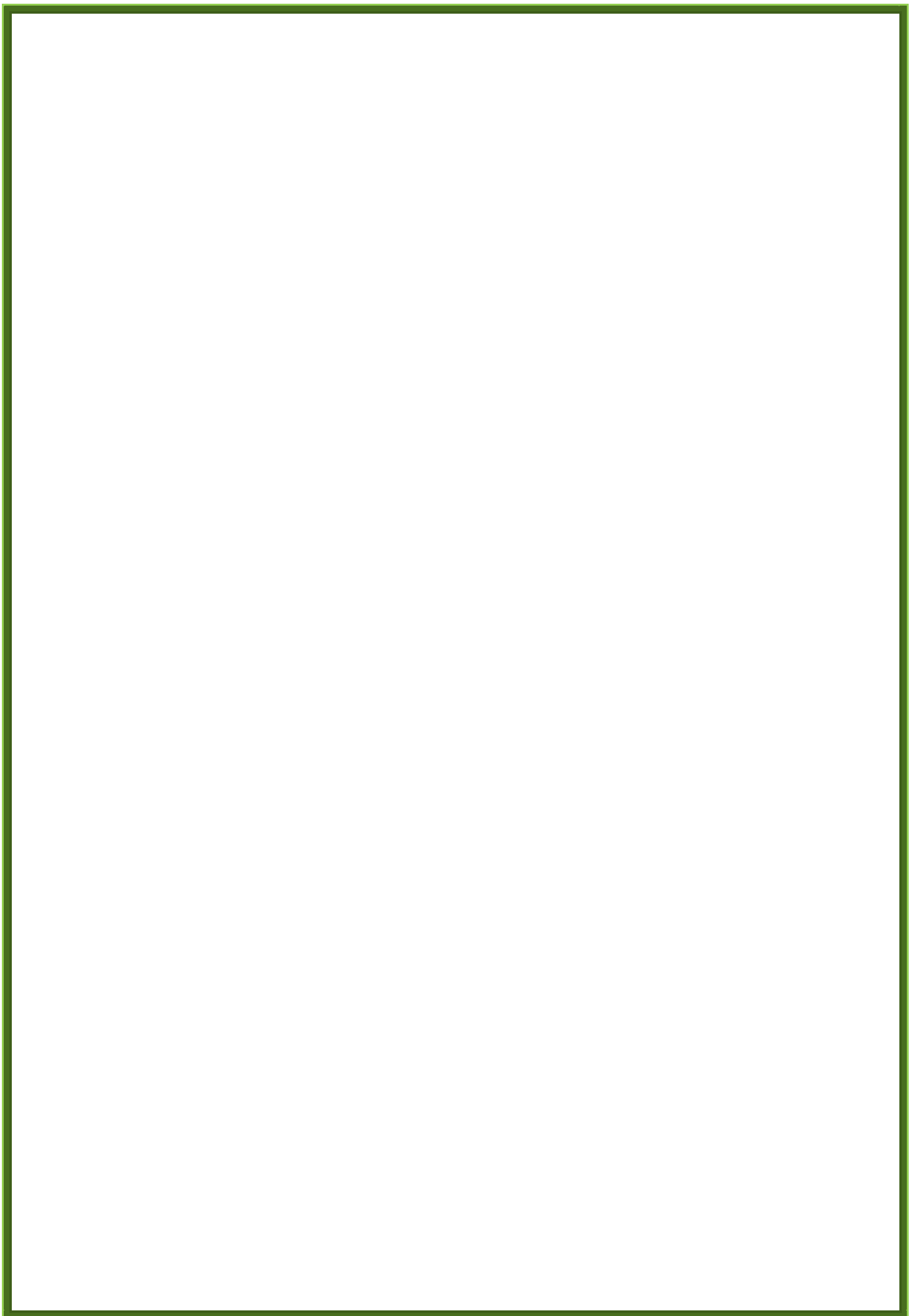
SYLLABUS

Module-1: Introduction - Getting Started - Entering Data in the Data Viewer - Defining Variables- Recoding Variables - Computing new Variables - Data Analysis with Statistical Software - Generating Frequency Table, Bar Chart, Pie Chart, Histogram, Arithmetic Mean, Median, Standard Deviation and Range, Contingency Table, Chi-square, and Cramer's V, Pearson's r , and Spearman's rho, Scatter Diagrams - Saving, Retrieving Data - Printing Output.

Module-2: Matrix and Determinants Operations - Computing Inverse Matrix, Input-Output Analysis - Construction of Different Tables - Transaction Matrix, Technical Coefficient Matrix, Computation of Values on the Basis of Problems.

Module-3: Computing, Discounting and Calculation of Present Value - Linear Programming - Procedure used in Formulating and Solving Linear Programming Problems- Graphical and Simplex Methods, Profit Maximization and Cost Minimization.

Module-4: Construction of Frequency - Generating Graphs - Histogram, Pie Charts, Bar - Graphs, Calculation of Probability, Calculation of Central Tendencies and Measures of Dispersion



Brochure

EKNM GOVERNMENT COLLEGE ELERITHATTU

PG DEPARTMENT OF APPLIED
ECONOMICS

ADD ON COURSE
ON
STATISTICAL SOFTWARE FOR DATA
ANALYSIS

Co-Ordinator : Babu C
Contact No : 94972 93331



Certificate Model

Add-on/ECO/2018-19/01

EKNM GOVERNMENT COLLEGE ELERITHATTU
PG DEPARTMENT OF ECONOMICS

CERTIFICATE OF PARTICIPATION

This is to certify that ----- has participated in the add-on course
in **Statistical Software for Data Analysis** organized by the Department of Economics during the
academic year **2018-19**



HoD

Principal

List of Students

EKNM GOVERNMENT COLLEGE ELERITHATTU
PG DEPARTMENT OF APPLIED ECONOMICS
ADD ON COURSE
ON
STATISTICAL SOFTWARE FOR DATA ANALYSIS

LIST OF PARTICIPANTS

SL NO	REG NO	NAME	SIGNATURE
1	B8PAAE1101	ASHWATHI K V	Ashwathi
2	B8PAAE1102	ATHIRA P S	Athira
3	B8PAAE1103	JEESHMA VIJAYAN V P	Jeeshma
4	B8PAAE1104	JINU THOMAS	Jinu T
5	B8PAAE1105	LINDA JACOB	Linda Jacob
6	B8PAAE1106	NIMISHA TOM	Nimisha
7	B8PAAE1107	RAKHI V R	Rakhi
8	B8PAAE1108	RASIKA K K	Rasika
9	B8PAAE1109	RESHMA K	Reshma
10	B8PAAE1110	REVATHI ASHOKAN	Revathi
11	B8PAAE1111	SAHILA N P	Sahila
12	B8PAAE1112	SHILPA V K	Shilpa
13	B8PAAE1113	VAISHNAVI V	Vaishnavi
14	B8PAAE1114	VISMAYA MADHU C	Vismaya

Question Paper

EKNM GOVERNMENT COLLEGE ELERITHATTU
PG DEPARTMENT OF APPLIED ECONOMICS
ADD ON COURSE
ON
STATISTICAL SOFTWARE FOR DATA ANALYSIS

Max Mark : 25

Time :1 Hr

Answer all Questions and Each carry 5 mark

- 1) What is matrix and explain the role of matrix in analysing problems
- 2) Write a note on Linear programming and how to optimise using linear programming
- 3) Measures of dispersion
- 4) Briefly explain various methods of presentation of data
- 5) write a note on the role of SPSS in analysing data

(5*5=25)

Qualified List

EKNM GOVERNMENT COLLEGE ELERITHATTU
PG DEPARTMENT OF APPLIED ECONOMICS
ADD ON COURSE
ON
STATISTICAL SOFTWARE FOR DATA ANALYSIS

EXAMINATION MARK AND QUALIFIED LIST OF STUDENTS

SL NO	REG NO	NAME	Mark	Status
1	B8PAAE1101	ASHWATHI K V	22	Pass
2	B8PAAE1102	ATHIRA P S	20	Pass
3	B8PAAE1103	JEESHMA VIJAYAN V P	19	Pass
4	B8PAAE1104	JINU THOMAS	21	Pass
5	B8PAAE1105	LINDA JACOB	17	Pass
6	B8PAAE1106	NIMISHA TOM	22	Pass
7	B8PAAE1107	RAKHI V R	23	Pass
8	B8PAAE1108	RASIKA K K	21	Pass
9	B8PAAE1109	RESHMA K	20	Pass
10	B8PAAE1110	REVATHI ASHOKAN	19	Pass
11	B8PAAE1111	SAHILA N P	21	Pass
12	B8PAAE1112	SHILPA V K	17	Pass
13	B8PAAE1113	VAISHNAVI V	19	Pass
14	B8PAAE1114	VISMAYA MADHU C	20	Pass



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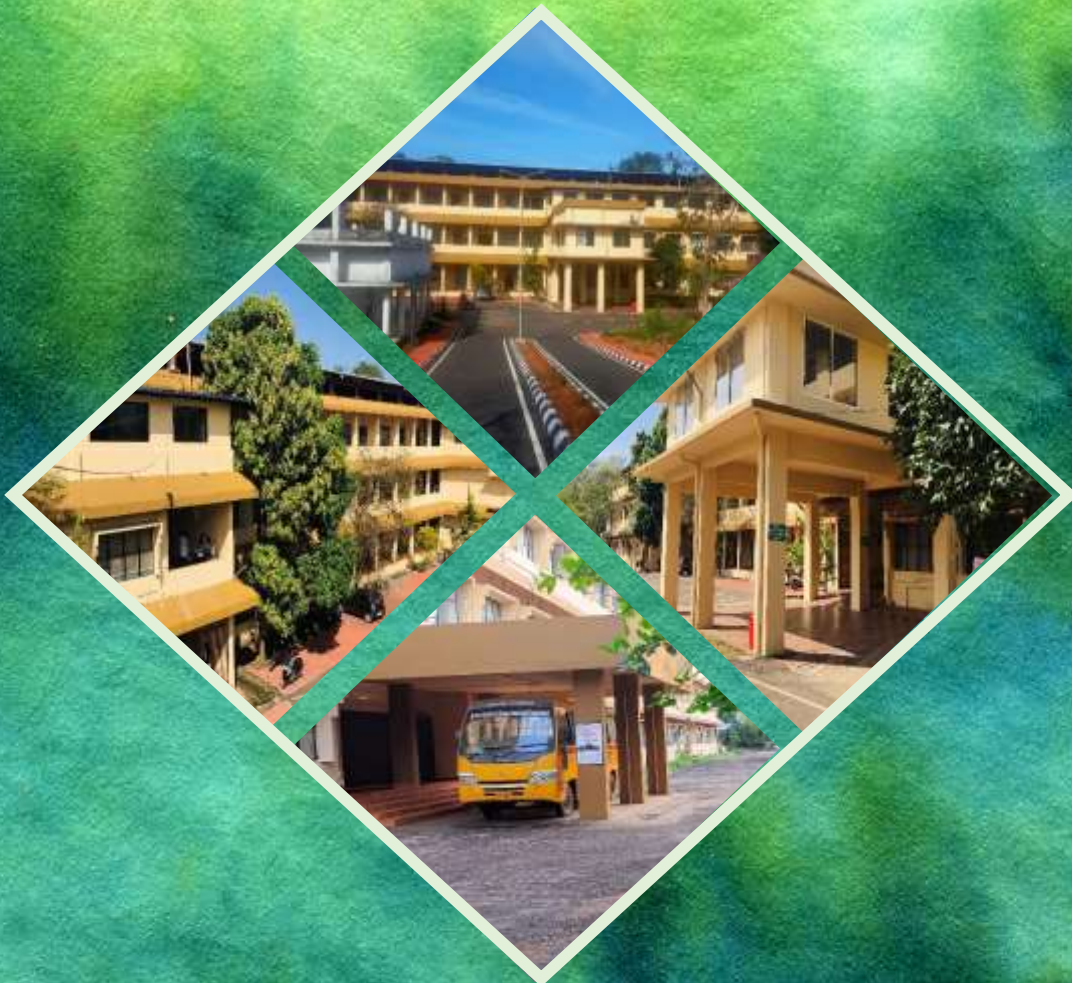
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Patkatha Lekhan

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Patkatha Lekhan Syllabus

**E K N M GOVT. COLLEGE ELERITHATTU, KASARAGOD.
DEPARTMENT OF HINDI
ADD ON COURSE
HIN/UG/AC/2018 - PATKATHA LEKHAN
(Syllabus)**

Target Group: Under Graduate Students of Hindi
Contact Hours: 30

Course Overview

- 30 hours of classes with Practical
- Assignments for practice
- Course completion Certificate

Course Objectives

- To know the technique and process of Script writing
- To understand the importance of Script writing
- To improve writing skills and language skills
- Networking and building industry relationship

Module 1

An introduction to Script- Basic methods and techniques of script writing- idea story- situation- treatment- characterization- dialogue- sequence- climax- language of script- the art of script writing

Module 2

Script Elements- Scene heading- Action- Character name- Dialogue- Parenthetical- Extension- Transition- Shot

Module 3

Type of scripts- feature film scripts- documentary scripts- short film scripts

Module 4

Screen play terminology- Practice- Screen play writing

Prescribed text:

1. Patkatha lekhan- Manohar shyam Joshi, Rajkamal Prakashan

Course Outcomes

- Understands the technique of script writing
- Understands the importance of script writing
- Understands the terminology of script writing
- Opens a career option in the field of script writing

Reference:

1. Vyavaharik nideshika Patkatha lekhan- Asgar Vajaahat, Rajkamal Prakashan
2. Patkatha lekhan aur vigyapan ke vyavaharik nideshika- Ed. Dr.Nimmy A A, Dr. Sreedevi, Rajkamal Prakashan

Course Evaluation:

Students will be evaluated on continuous basis, students will have to submit assignment, test on regular basis.

Brochure

E.K.N.M.GOV'T. COLLEGE,
ELERITHATTU
DEPARTMENT OF HINDI

ADD ON COURSE
2018-'19

पटकथा लेखन

LAST DATE OF APPLICATION : 18.07.2018
COURSE COMMENCEMENT : 21.07.2018

Contact:

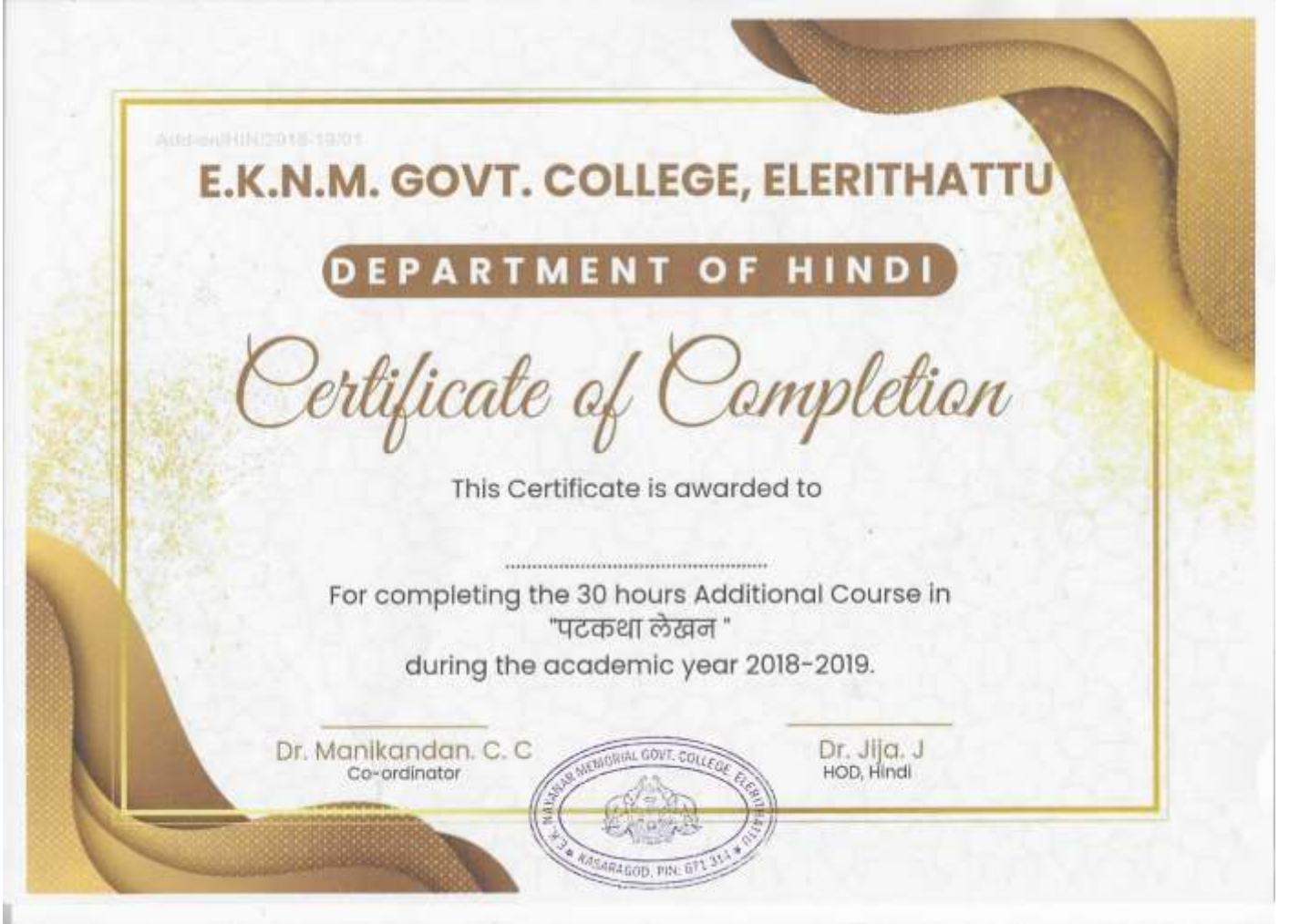
Dr. Jija. J
HOD, Hindi

ABOUT COURSE

Writing scripts allows students to look at a text in a analytical manner, that might otherwise go unseen. It gives students the opportunity to manipulate a text and use their imaginations to create something new.



Certificate Model



List of Students

SL No	Name of the Student	Admission No
1	AMRUTHA. K.V	6344
2	ANEESHA. K	6395
3	ANJU G S	6445
4	ARAFANA. T.A	6362
5	ARJUN. K	6318
6	ASWANI. P.K	6325
7	DEEPTHI C	6265
8	DHANYA. T	6261
9	DILNA. T	6403
10	GEETHU. K.V	6400
11	PRAVEENA PRABHAKARAN	6339
12	RENUKA. K	6343
13	SREEPRIYA SOMAN	6451
14	VAISHNAVI. A.V	6412
15	YAKSHITHA M	6263

E.K.N.M. GOVT. COLLEGE, ELERITHATTU

DEPARTMENT OF HINDI

ADD ON COURSE 2018-'19

COURSE TITLE: HIN/UG/AC/18 पटकथालेखन

ATTENDANCE DETAILS

SL NO.	NAME OF STUDENT	CLASS & DEPT.	06/10/2018	20/10/2018	03/11/2018	17/10/2018	31/10/2018	14/11/2018	28/11/2018	12/12/2018	26/12/2018	09/01/2019
1	Amrutha. K. V	II BA Hindi	x	x	x	x	x	x	x	x	x	x
2	Aneesha. K	II BA Hindi	x	x	x	x	x	x	x	x	x	x
3	Anju. G. S	II BA Hindi	x	x	x	x	x	x	x	x	x	x
4	Arafana. T. A	II BA Hindi	x	x	x	x	x	x	x	x	x	x
5	Aswani. P. K	II BA Hindi	x	x	x	x	x	x	x	x	x	x
6	Deepthi. C	II BA Hindi	x	x	x	x	x	x	x	x	x	x
7	Dhanya. T	II BA Hindi	x	x	x	x	x	x	x	x	x	x
8	Dilna. T	II BA Hindi	x	x	x	x	x	x	x	x	x	x
9	Geethu. K. V	II BA Hindi	x	x	x	x	x	x	x	x	x	x
10	Praveena Prabhakaran	II BA Hindi	x	x	x	x	x	x	x	x	x	x
11	Renuka. K	II BA Hindi	x	x	x	x	x	x	x	x	x	x
12	Sreepriya Soman	II BA Hindi	x	x	x	x	x	x	x	x	x	x
13	Vaishnavi. A. V	II BA Hindi	x	x	x	x	x	x	x	x	x	x
14	Yakshitha. M	II BA Hindi	x	x	x	x	x	x	x	x	x	x
15	Arjun. K	II BA Hindi	x	x	x	x	x	x	x	x	x	x



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Accredited by NAAC with 'B' Grade

Elerithattu(PO), Nileshwar (Via), Kasaragod (Dist.), Kerala-671314, Ph: 04672245833, 9188900213

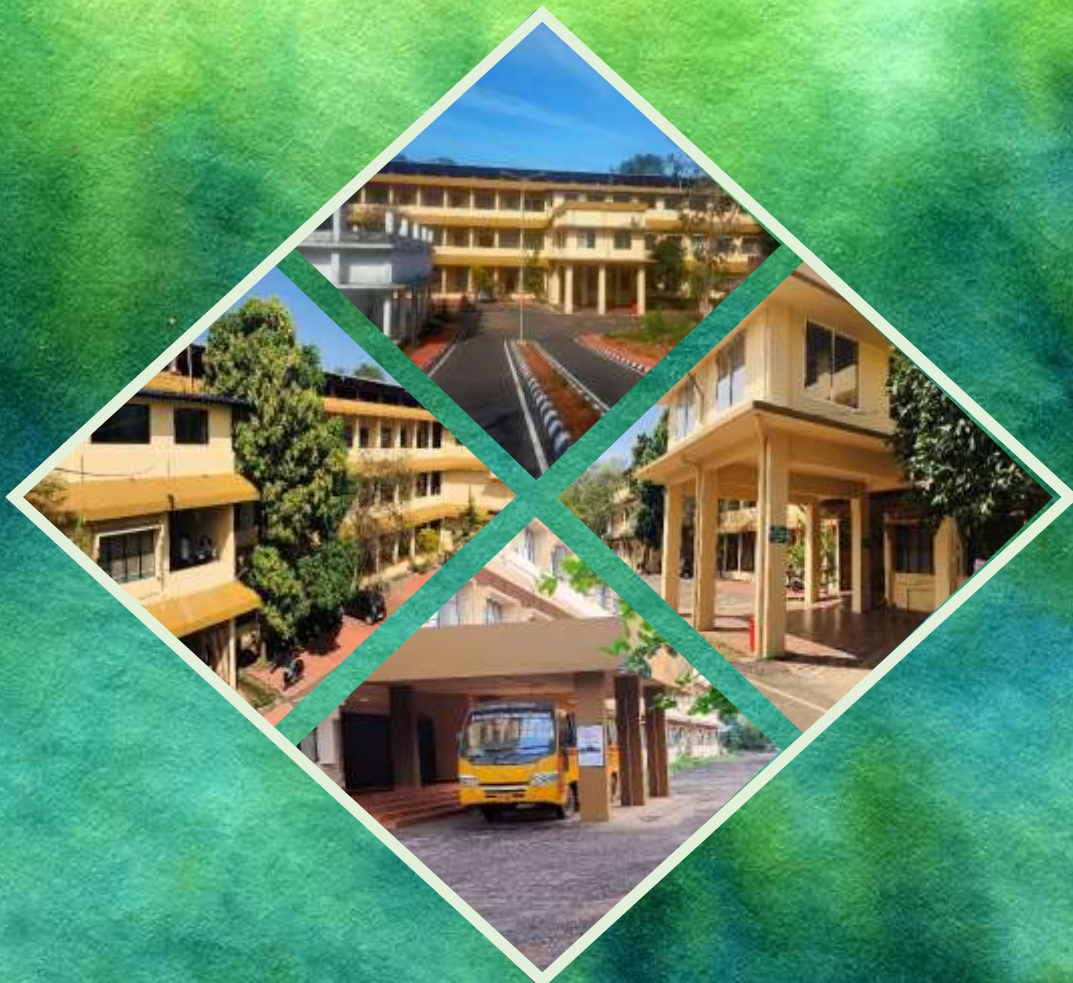
e-mail: eknmgovtcollege@yahoo.com , Web: <http://www.eknmgc.ac.in>

Applications of Derivatives

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Applications of Derivatives

Syllabus

EKNM GOVT COLLEGE ELERITHATTU
DEPARTMENT OF MATHEMATICS
ADD ON COURSE ON
"APPLICATIONS OF DERIVATIVES"

Contact Hours : 30

Course Objectives:

- Understand basic knowledge of Differentiation
- Understand to determine the rate of change of a quantity, calculate the approximate value, find the equation of a tangent and normal to a curve, finding maxima and minima derivatives

Unit 1

Basics of Differentiation

Unit 2

Rate of change, Increasing and decreasing function

Unit 3

Tangent and Normal, Minima and Maxima

Unit 4

Monotonicity, Approximation, Point of Inflection

Reference

Ncert Textbook

Differential Calculus

Higher Engineering Mathematics - B S Grewal

Brochure

**EKNM GOVT COLLEGE ELERITHATTU
DEPARTMENT OF MATHEMATICS**

**APPLICATIONS OF
DERIVATIVES**

ADD ON COURSE 2018 - 2019

Last Date for Application: 07/09/2018

Date of Course Commencement: 11/09/2018

REGISTER NOW

**Contact: Vaisakh sir
Department of Mathematics**

**For Undergraduate
students of Physics**

Certificate Model

Add-on/MAT/2018-19/01

EKNM GOVERNMENT COLLEGE
ELERITHATTU, KASARAGOD

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Has participated in the Add on course on "Applications
of Derivatives" organized by the Department of
Mathematics during the year 2018-19.

HoD of Physics



Principal

List of Students

SL. No	Name of the Students	Admission No	Department
1	AJITH. V.P	6660	I BSc Physics
2	ALBERT THOMAS	6608	I BSc Physics
3	AMRUTHA. P	6568	I BSc Physics
4	ANUSREE. M.V	6579	I BSc Physics
5	CHITHRA. K	6574	I BSc Physics
6	MAHESH KUMAR. M.M	6588	I BSc Physics
7	PRANESH. K.V	6553	I BSc Physics
8	SREERAG. M	6634	I BSc Physics
9	SUMESH. K	6559	I BSc Physics
10	ABHIRAM. M.V	6665	I BSc Physics
11	ABIN. V.V	6599	I BSc Physics
12	ADITHYA RAJAN	6609	I BSc Physics
13	ANWAYA P V	6648	I BSc Physics
14	ARJUN BABU	6605	I BSc Physics
15	ASHWIN RAJ	6639	I BSc Physics
16	KRISHNA. P	6582	I BSc Physics
17	RAJI DAMODHARAN	6643	I BSc Physics
18	SANDRA SURENDRAN	6531	I BSc Physics
19	SANTO JOSE	6530	I BSc Physics
20	SARUNKUMAR. V.V	6632	I BSc Physics
21	SREEHARI. M	6480	I BSc Physics
22	SREYAS. V.S	6662	I BSc Physics
23	VIJITHA. P.K	6626	I BSc Physics
24	AKSHATHA.M.S	6438	II BSc Physics
25	ANJITHA. T.V	6416	II BSc Physics
26	ARYA BABU	6432	II BSc Physics
27	ATHIRA SURESH	6430	II BSc Physics
28	VINEETHA. K.V	6357	II BSc Physics
29	ABHINAV BHASKARAN	6477	II BSc Physics
30	ALBIN JOSEPH ANTONY	6375	II BSc Physics
31	ALEESHA BABU	6397	II BSc Physics
32	ANIMA. M	6326	II BSc Physics
33	ANURAG. O.K	6426	II BSc Physics

24	Akshatha Ms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Anjitha TV	✓	✓	✓	✓	✓	×	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	Arya Babu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	Athira Sresh	✓	✓	✓	✓	×	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	Vineetha K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	Albin Joseph	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	Abhinav	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	Aksha Babu	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓	✓	✓	✓	✓	✓	✓
32	Anima M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	Anurag .OK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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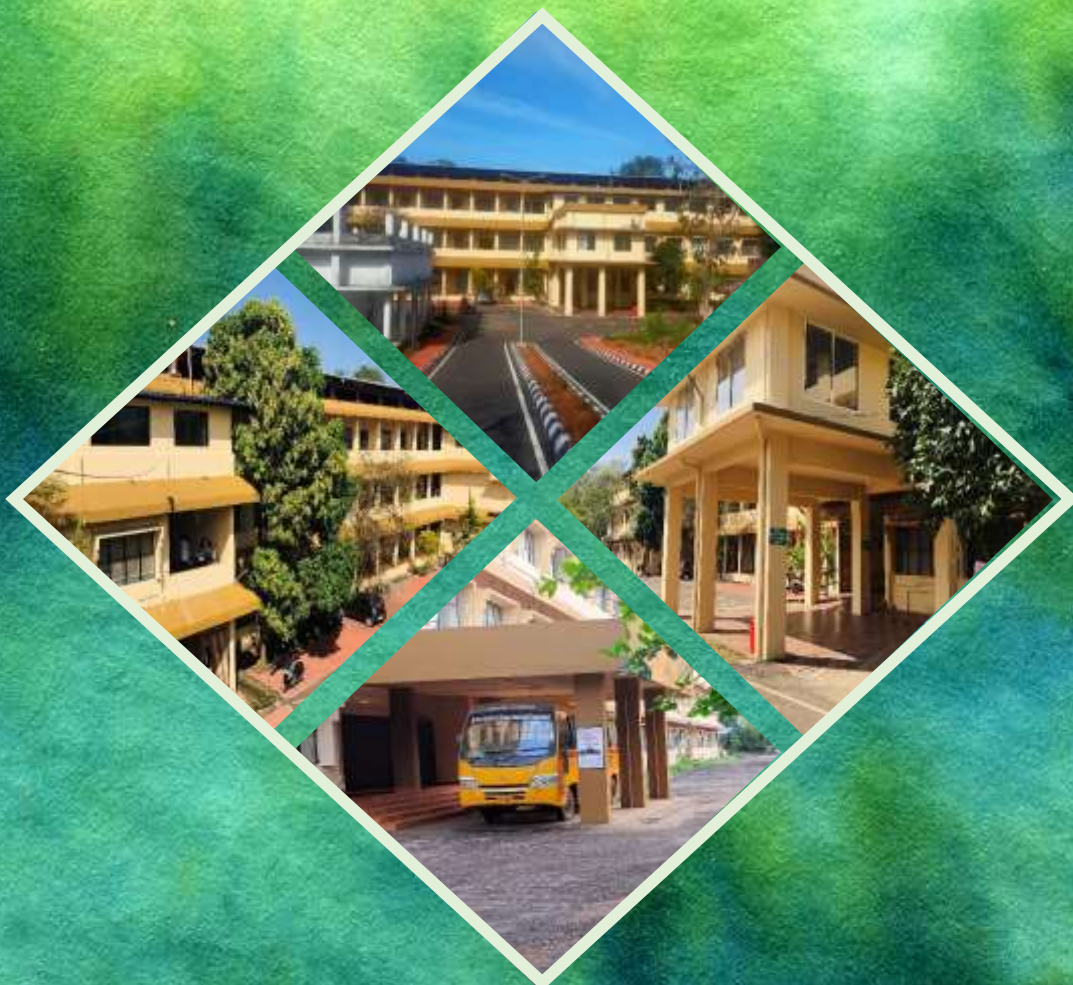
e-mail: eknmgovtcollege@yahoo.com , Web: <http://www.eknmgc.ac.in>

Learning Physics through Experiments

1.2.1 Number of Add on/Certificate/Value added programs offered during the last five years

&

1.2.2 Percentage of students enrolled in Certificate/ Addon /Value added programs as against the total number of students during the last five year



Learning Physics through Experiments

Syllabus

EKNM GOVERNMENT COLLEGE ELERITHATTU

DEPARTMENT OF PHYSICS

ADD ON COURSE 2018-2019

LEARNING PHYSICS THROUGH EXPERIMENTS

SYLLABUS

Optics (8 hours)

Shadows and rectilinear motion

Diffraction and Interference

Polarization

Scattering

Reflection

Fermat's Principle

Refraction

Dispersion

Prisms and Lenses

Mechanics (7 hours)

Classification of forces

Non inertial frames and pseudo

forces

Rotating frames, Centrifugal and coriolis force

Friction and Card-Coin experiment

Rolling

Angular momentum, Moment of inertia, Rigid body rotation

Electricity/Magnetism (8 hours)

Stay Home and Revise Physics (SHARP)

Circular motion of charge in magnetic field

Force on a current in a magnetic field
B-field of a bar magnet and forces on a magnetic material in this field
Misconceptions on poles
Role of inhomogeneity in force on a magnet
Diamagnetic and paramagnetic materials
Curie Temperature
Faraday's law of induction
Non conservative Electric Field
Lenz's law and eddy currents

Oscillations and waves (7 hours)

Stable equilibrium and oscillations
Damped / Forced oscillations
Similarity between mechanical and L-CR oscillations
Resonance
Complexity of Simple pendulum
Waves on a slinky, a string
Wave speed, dependence on tension and
linear density
Standing waves on strings and on springs

Books for study: 1. Fundamentals of Physics - David Halliday Robert Resnick
2. Concept of Physics - H C Verma

Application Form

E.K.N.M. GOVERNMENT COLLEGE ELERITHATTU

DEPARTMENT OF PHYSICS

APPLICATION FOR ADD-ON COURSE 2018-2019

AC/UG/PHY/2021: LEARNING PHYSICS THROUGH EXPERIMENTS

1. Name of Applicant : ALEESHA BABU
2. Admission No. : 6397
3. Date of birth : 19-05-1998
4. Gender : Female
5. Address for communication : BSc Physics, EKNM Government
College, Elerithattu
6. Whether BPL (Yes/No) : No
7. Whether PWD (Yes/No) : No
8. Category : OBC
9. Mobile No. : 704878184
10. Email : aleeshababu@gmail.com

Place : ELERITHATTU

Date : 1-9-2018

ALEESHA BABU 
Name and signature of applicant

Brochure



EKNM GOVERNMENT COLLEGE ELERITHATTU

**Department of Physics
Add- on Course 2018-2019**

LEARNING PHYSICS THROUGH EXPERIMENTS

LAST DATE FOR APPLICATION: 24/08/2018

COURSE COMMENCEMENT: 03/09/2018

For course details please contact : Ms. Indu Sukumaran

Certificate Model

Act no.7795/2018-18/11



EKNM GOVERNMENT COLLEGE ELERITHATTU
ELERITHATTU, KASARAGOD DISTRICT, KERALA- 671 314

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT _____ HAS PARTICIPATED IN
THE ADD-ON COURSE IN **LEARNING PHYSICS THROUGH EXPERIMENTS**

ORGANIZED BY THE DEPARTMENT OF PHYSICS DURING THE ACADEMIC YEAR

2018-2019

HOD



PRINCIPAL

List of Students

SL No.	Name of the Programme	Admission No.	Department
1	AKSHATHA.M.S	6438	II BSc Physics
2	ARYA BABU	6432	II BSc Physics
3	ATHIRA SURESH	6430	II BSc Physics
4	ATHIRA. M.S	6410	II BSc Physics
5	SABARI RAJ C.V	6381	II BSc Physics
6	ALEESHA BABU	6397	II BSc Physics
7	ABHIJITH. K.K	6134	III BSc Physics
8	NIKHILA RAJAN	6147	III BSc Physics
9	SANGEETHA. K.K	6220	III BSc Physics
10	VISHNU. M	6196	III BSc Physics
11	GOKUL.P	6253	III BSc Physics
12	VISHNU.P.S	6227	III BSc Physics

Attendance Sheet

EKNM GOVERNMENT COLLEGE, ELERITHATTU
DEPARTMENT OF PHYSICS
ADD- ON COURSE ON LEARNING PHYSICS THROUGH EXPERIMENTS: 2018-2019
ATTENDANCE DETAILS OF STUDENTS

Sl. No	NAME OF STUDENT	DATE & SIGNATURE									
		3/9/2018	11/9/2018	22/9/18	28/9	6/10	20/10/18	27/10	2/11	3/11/18	12/11
1.	ABHISITH K. K	x	x	x	x	x	x	x	x	x	x
2.	NIKHILA RATAN	x	x	x	a	x	x	x	x	x	x
3.	SANGEETHA K K	x	x	x	x	x	x	x	x	x	x
4	VISHNU M	x	x	x	x	x	a	x	x	x	x
5	GOKUL P	x	x	x	x	x	x	x	x	x	x
6	VISHNU P S	x	x	x	x	x	x	x	x	x	x
7	AKSHATHA M S	x	x	x	x	x	x	x	x	x	x
8	ARYA BABU	x	x	x	x	x	x	x	x	x	x
9	ATHIRA M S	a	x	x	x	x	x	x	x	x	x
10	SABARI RAJ C V	x	x	x	x	x	x	x	x	x	x
11	ALEESHA BABU	x	x	x	x	x	x	x	x	x	x
12	ATHIRA SURESH	x	x	x	x	x	x	x	x	x	x

HoD
[Signature]
17/11/2019



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