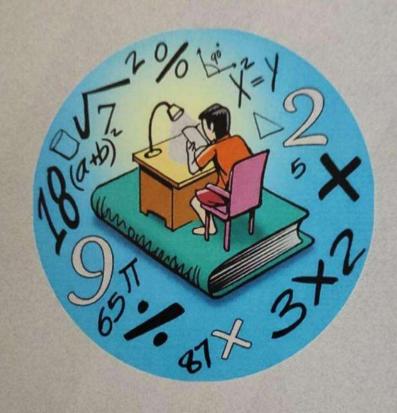
CERTIFICATE COURSE ON NUMERICAL SKILL DEVELOPMENT

SUPPORTING DOCUMENTS

- 1. Brochure
- 2. Syllabus
- 3. Student List
- 4. Certificates
- 5. Attendance

DEPARTMENT OF MATHEMATICS

INAUGURAL SECTION



CERTIFICATE COURSE ON NUMERICAL SKILL DEVELOPMENT

22 JUNE 2017 10:00 AM
VENUE : EDUCATIONAL
TECHNOLOGY SEMINAR HALL

WELCOMES YOU TO EXPERIENCE THE FAST AND EASY CALCULATION METHODS AND IMPROVE NUMERICAL SKILLS

DEPARTMENT OF MATHEMATICS

Certificate Course On Numerical Skill Development

Objectives

- To develop the ability to formulate a real life problem in a mathematical form appropriate for subsequent computational treatment and to choose an appropriate numerical approach.
- To create the ability to solve problems by computational approaches.
- To make the students familiarize with the ways of solving complicated mathematical problems numerically.

Duration 30 Hrs

Syllabus

Module 1 Number system (6 hrs)

- · Number System Concepts
- Number series
- · Finding missing numbers
- · Rules and techniques
- · Formulae with examples

Module 2 Time and Work (6 hrs)

- Formulae
- · Shortcut technique with concept examples
- · Time, Work and Wages
- · Clock, Mirror image and angle between hour and minute hand

Module 3 Profit and Loss (6 hrs)

- · Profit and loss Formulas and Tricks
- · Concepts and tricks
- · Using rule of Fraction to solve Profit and Loss questions

Module 4 Ratio and Proportions (6 hrs)

- Basic concepts and techniques
- Tricks, questions and Formulae
- Ratio vs Ratio

Module 5 LCM and HCF (6 hrs)

- LCM and HCF
- Problems and formulas
- Application of LCM and HCF
- LCM and HCF Short Tricks

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE ON NUMERICAL SKILL DEVELOPMENT 2017-2018

SL.NO	NAME	DEPARTMENT
1	ABCY U.S	COMMERCE
2	PRIYANKA M.P.	COMMERCE
3	SREELAKSHMI SREEKUMAR	COMMERCE
4	SREELAKSHMI K	COMMERCE
5	ANJU J KURUP	BOTANY
6	ACHSAH S	MALAYALAM
7	RESHMA RAJU	ZOOLOGY
8	KRISHNA BIJULAL	ECONOMICS
9	GOPIKA MOHAN	ECONOMICS
10	DEVIKA V S	BOTANY
11	MEGHA THOMAS	ZOOLOGY
12	SWETHA ANN NINAN	COMMERCE
13	ELIZHABETH ABRAHAM	COMMERCE



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that ABCY U.S. COMMERCE DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr: Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal) POCO SHOT ON POCO X2



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that PRI. YAN KA ... M.P. .. COMMERCE DEPARTMENT.

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener) Dr: Annie Cherian (Head of Department) Dr. Jancey Thomas
(Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that ... SREELAKSHMI ... SREEKUMAR ... COMMERCE DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that SREELAKSHMI K COMMERCE DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)

POCO



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that ANJU T KURUP BOTANY DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department)

Dr. Jancey Thomas (Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that ACHSAH S , MALBYALBED DEPORTMENT.

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener) Dr: Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that RESUMA RAJU , ZOOLOGY DEPART MENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that....KRISHIND. BIJULAL ... E.CO.NO.MICS. .. DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)

POCO



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that GOPIKH MOHAN , E CONOMILS DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham
(Convener)

Dr: Annie Cherian (Head of Department) Dr. Jancey Thomas
(Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that DEVIKA V.S. BOTANY DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener) Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas
(Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that MEGHA THOMAS .. ZOOLOGY DEPARIMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that SMETHA ANN NINAN COMMERCE DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham
(Convener)

Dr. Annie Cherian (Head of Department) Dr. Jancey Thomas
(Principal)

POCO



(Affiliated to MG University, Reaccreditated by NAAC @A Grade)

Certificate

This is to certify that ... ELIZHABETH ... ABRAHAM ... CO. MMERCE DEPARTMENT

has successfully completed the certificate course on Numerical Skill Development organized by the

Department of Mathematics, Baselius College, Kottayam during the year 2017-18

Tessymol Abraham (Convener)

Dr: Annie Cherian (Head of Department) Dr. Jancey Thomas (Principal)

CERTIFICATE COURSE ON NUMERICAL SKILL DEVELOPMENT 2017-2018

DATE : 22 - 06 - 2017, THURS DAY.

TIME : 09 - 10 am

TOPIC COVERED : HCF and Problems

ATTENDANCE OF STUDENTS .

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	De .
2	PRIYANKA M.P.	COMMERCE	White
3	SREELAKSHMI SREEKUMAR	COMMERCE	Berly
4	SREELAKSHMI K	COMMERCE	RIC
5	ANJU J KURUP	BOTANY	An
5	ACHSAH S	MALAYALAM	Rhadis
2	RESHMA RAJU	ZOOLOGY	Leshna
8	KRISHNA BUULAL	ECONOMICS	Bal
9	GOPIKA MOHAN	ECONOMICS	GM.
10	DEVIKA V S	BOTANY	De-
11	MEGHA THOMAS	ZOOLOGY	wen
12	SWETHA ANN NINAN	COMMERCE	Bull.
13	EU/HABETH ABRAHAM	COMMERCE	Shapel
14	/		
15			



Name & signature of the teader.

DATE: 10-07-17, MONDAY

TIME: 09-10 am

TOPIC COVERED: 1CM of Numbers and Problems

ATTENDANCE OF STUDENTS.

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	De la
2	PRIYANKA M.P.	COMMERCE) Levels
3	SREELAKSHMI SREEKUMAR	COMMERCE	Dou
A	SREELAKSHMI K	COMMERCE	214
5	ANJUJKURUP	BOTANY	Am
6	ACH SAH S	MALAYALAM	Awaha
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	Peshen
9	GOPIKA MOHAN	ECONOMICS	CAN
10	DEVIKA V S	BOTANY	The .
11	MEGHA THOMAS	ZOOLOGY	1
12	SWETHA ANN NINAN	COMMERCE	Sughi
13	LUZHABETH ABRAHAM	COMMERCE	d 1
14			- Wall
15		+	



ANUMOL T. A.
Name & Signature of teacher.

: 11-07-17, TUESDAY

TIME

: 09-10 am.

TOPIC COVERED

! HCF and LCM Problems

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	B.
2	PRIYANKA M.P.	COMMERCE	Vande
3	SREELAKSHMI SREEKUMAR	COMMERCE	Slan
4	SRE ELAKSHMI K	COMMERCE	ass
5	ANJ U J KURUP	BOTANY	Agri
6	ACH SAH S	MALAYALAM	Abachis
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	Restau
9	GOP IKA MOHAN	ECONOMICS	(FW)
10 '	DEVIKA V S	BOTANY	al Bea
11	MEGHA THOMAS	ZOOLOGY	9327-
1 2	SWE THA ANN NINAN	COMMERCE	Suelhe
1 3	ELIZHABETH ABRAHAM	COMMERCE	
1/1		COMMERCE	Shoaki
15			



Name & Signaluse of teacher

TOPIC COVERED : 12-07-17, WE DNESDAY

Ratio and Proportion.

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	M.
2	PRIYANKA M.P.	COMMERCE	Mariles
3	SREELAKSHMI SREEKUMAR	COMMERCE	Sen
4	SREELAKSHMI K	COMMERCE	Jule
5	ANJU J KURUP	BOTANY	Anj
6	ACHSA H S	MALAYALAM	1
7	RESHMA RAJU	ZOOLOGY	Roshme
8	KRISHNA BIJULAL	ECONOMICS	Val
9	GOPIKA MOHAN	ECONOMICS	CHA
10	DEVIKA V S	BOTANY	Tiles-
11	MEGHA THOMAS	ZOOLOGY	
12	SWETHA ANN NINAN	COMMERCE	Sudher
1 3	ELIZHAB ETH ABRAHAM	COMMERCE	dia bil
14			
15			



ANUMOL T. A Name & segnature of léather DATE : 24-07-17, MONDAY

TIME : 09- 10 am.

TOPIC COVERED : Profit and Loss

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	9
2	PRIYANKA M.P.	COMMERCE	1 Januar
3	SREELAKSHMI SREEKUMAR	COMMERCE	Som
4	SREELAKSHMI K	COMMERCE	
5	ANJU J KURUP	BOTANY	Angi
6	ACHSAH S	MALAYALAM	Alberilis
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	10
9	GOPIKA MOHAN	ECONOMICS	
10	DEVIKA V S	BOTANY	a Die
11	MEGHA THOMAS	ZOOLOGY	Mews
12	SWETHA ANN NINAN	COMMERCE	Runtha
13	ELIZHABETH ABRAHAM	COMMERCE	Blands
14			
15			



Name & Signature of leacher

DATE 28-07-17, FRIDAY.

09-10 am. TIME

clock, mirror image & angle between hour and minute hands TOPIC COVERED

ATTENDANCE OF STUDENTS.

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	
2	PRIYANKA M.P.	COMMERCE	
3	SREELAKSHMI SREEKUMAR	COMMERCE	
4	SREELAKSHMI K	COMMERCE	gu 1C
5	ANJU J KURUP	BOTANY	Augi
6	ACHSAH S	MALAYALAM	Ansahi
7	RESHMA RAJU	ZOOLOGY	Deshru
8	KRISHNA BIJULAL	ECONOMICS	W
9	GOPIKA MOHAN	ECONOMICS	6N
10	DEVIKA V S	BOTANY	-
11	MEGHA THOMAS	ZOOLOGY	Mech
12	SWETHA ANN NINAN	COMMERCE	Sunda
13	ENZHABETH ABRAHAM	COMMERCE	stir. U
14			24001
15			+



ANUMOL T.A Name & signature of students TOPIC COVERED: 02-08-17, WEDNESDAY

WEDNESDAY

WORK & Time.

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1,	ABCY U.S	COMMERCE	
2	PRIYANKA M.P.	COMMERCE	
3	SREELAKSHMI SREEKUMAR	COMMERCE	
ℓ_i	SREELAKSHMI K	COMMERCE	
5	ANJU J KURUP	BOTANY	Anji
6	ACHSAH S	MALAYALAM	Burang
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	N
9	GOPIKA MOHAN	ECONOMICS	COM
10	DEVIKA V S	BOTANY	THE
11.	MEGHA THOMAS	ZOOLOGY	Meers
12	SWETHA ANN NINAN	COMMERCE	Quelli
13	CUZHABETH ABRAHAM	COMMERCE	30230 W
14			Zunzur)
15	5 8 1		



ANUMOL T. A teacher

DATE :

: 03-08-17 , THURSDAY

TIME :

04 - 04;45 pm.

TOPIC COVERED

Distance, speed, time and

convertion.

ATTENDANCE OF STUDENTS.

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	O
2	PRIYANKA M.P.	COMMERCE	April
3	SREELAKSHMI SREEKUMAR	COMMERCE	Su
4	SREELAKSHMI K	COMMERCE	hule
5	ANJU J KURUP	BOTANY	Any
6	ACHSAH S	MALAYALAM	Alealia
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	10
9	GOPIKA MOHAN	ECONOMICS	SIM
10	DEVIKA V S	BOTANY	St.
11	MEGHA THOMAS	ZOOLOGY	means
12	SWETHA ANN NINAN	COMMERCE	Swell
13	ELIZHABETH ABRAHAM	COMMERCE	بادنا ہے
14			
15			



ANUMOL T. A Name & signature of teacher

08-08-17, TUESDAY

TIME :

04 - 05 pm

TOPIC COVERED

blactions and Problems-

Tied I Exam (30 minutes).

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	0-2
2	PRIYANKA M.P.	COMMERCE	
3	SREELAKSHMI SREEKUMAR	COMMERCE	
4	SREELAKSHMI K	COMMERCE	Buc
5	ANJU J KURUP	BOTANY	Auge
6	ACHSAH S	MALAYALAM	Advailing
7	RESHMA RAJU	ZOOLOGY	-
8	KRISHNA BIJULAL	ECONOMICS	K
9	GOPIKA MOHAN	ECONOMICS	(AM)
10	DEVIKA V S	BOTANY	N/se_
11	MEGHA THOMAS	ZOOLOGY	
12	SWETHA ANN NINAN	COMMERCE	Russ
13	ELIZHABETH ABRAHAM	COMMERCE	shala
14			
15			



ANUMOL T. A Name & signature of leacher

TIME

11-08-2017, FRIDAY. 4-5 pm.

TOPIC

COVERED: lime & distance

ATTENDANCE OF STUDENTS

NAME	DEPARTMENT	SIGNATURE
ABCY U.S	COMMERCE	0-
PRIYANKA M.P.	COMMERCE	Mary
SREELAKSHMI SREEKUMAR	COMMERCE .	88
SREELAKSHMI K	COMMERCE	Bark
ANJU J KURUP	BOTANY	Arise
ACHSAH S	MALAYALAM	Arhadhia
RESHMA RAJU	ZOOLOGY	
KRISHNA BIJULÁL	ECONOMICS	D
GOPIKA MOHAN	ECONOMICS	614
DEVIKA V S	BOTANY	JA182-
MEGHA THOMAS .	ZOOLOGY	
SWETHA ANN NINAN	COMMERCE	Quella
ELIZHABETH ABRAHAM	COMMERCE	Sheath



Name & signature of Teacher

4

14-08-2017,

MONDAY .

TIME

:

4-5 pm.

TOPIC

COVERED

PSC Questions.

ATTEN DANCE

OF

STUPENTS

SL.NO	NAME	DEPARTMENT	
1	ABCY U.S	COMMERCE	02=
2	PRIYANKA M.P.	COMMERCE	
3	SREELAKSHMI SREEKUMAR	COMMERCE	8804
4	SREELAKSHMI K	COMMERCE	Eak
5	ANJU J KURUP	BOTANY	Ang
6	ACHSAH S	MALAYALAM	1,00
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL .	ECONOMICS	Jest .
9	GOPIKA MOHAN	ECONOMICS	
10	DEVIKA V S	BOTANY	apla.
11	MEGHA THOMAS	ZOOLOGY	Meallon
12	SWETHA ANN NINAN	COMMERCE	suell
13	ELIZHABETH ABRAHAM	COMMERCE	
14			
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ANYMOL T. A.

Name & Signature of teacher

: 16-08-2017, WEDELESDAY : 4-5 pm,

TIME

TOPIC COVERED

P.SC. Questions

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	
1	ABCY U.S	COMMERCE	0
2	PRIYANKA M.P.	COMMERCE	Mezus
3	SREELAKSHMI SREEKUMAR	COMMERCE	
4	SREELAKSHMI K	COMMERCE	Barla
5	ANJU J KURUP	BOTANY	Ang
6	ACHSAH S	MALAYALAM	Ausoris
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	الحلا
9	GOPIKA MOHAN	ECONOMICS	
10	DEVIKA V S	BOTANY	W.
11	MEGHA THOMAS	ZOOLOGY	markes
12	SWETHA ANN NINAN	COMMERCE	Suell
13	ELIZHABETH ABRAHAM	COMMERCE	
14	3 9/ ²		
15			



ANYMOI T. A.
Name & signeture of Skacher.

17-08-2017, THURSDAY

TIME

4-5 PM

TOPIC COVERED: :

PSC Problems.

ATTENDANCE OF STUDENTS

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	ABCY U.S	COMMERCE	<u> </u>
2	PRIYANKA M.P.	COMMERCE	
3	SREELAKSHMI SREEKUMAR	COMMERCE	Sen
4	SREELAKSHMI K	COMMERCE	Bak
5	ANJU J KURUP	BOTANY	Aig
6	ACHSAH S	MALAYALAM	pusalis
7	RESHMA RAJU	ZOOLOGY	
8	KRISHNA BIJULAL	ECONOMICS	* STATE OF THE STA
9	GOPIKA MOHAN	ECONOMICS	
10	DEVIKA V S	BOTANY	and a
11	MEGHA THOMAS	ZOOLOGY	new,
12	SWETHA ANN NINAN	COMMERCE	Sugar
13	ELIZHABETH ABRAHAM	COMMERCE	
14			
15			1



ANYMOL T. A.
Name & Signature of teacher