SENGUNTHAR ARTS AND SCIENCE COLLEGE
(Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi)
An ISO 9001:2015 Certified Institution
Recognised under section 2(f) and 12(B) of the UGC Act 1956
Since 1991 Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

1.1.1 CURRICULUM PLANNING

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CALENDAR FOR THE ACADEMIC YEAR 2020-2021

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

CALENDAR 2020- 2021

Day & Date	June	Time Table Code	No. Of Working Days
MON – 1			
TUE - 2			
WED - 3			
THU - 4			
FRI -5			
SAT -6			
SUN - 7			
MON - 8			
TUE – 9			
WED – 10	College Reopen (ODD Semester)	I	1
THU -11		II	2
FRI - 12		III	3
SAT - 13	Holiday		
SUN - 14	Holiday		
MON -15		iv	4

CALENDAR 2020-2021

Day & Date	June	Time Table Code	No. Of Working Days
TUE -16		V	5
WED - 17		VI	6
THU - 18		I	7
FRI - 19		II	8
SAT - 20	Holiday		
SUN - 21	Holiday- International Yoga Day		
MON - 22		III	9
TUE - 23		IV	10
WED -24		V	11
THU - 25		VI	12
FRI - 26		I	13
SAT - 27	Holiday		
SUN - 28	Holiday		
MON -29		II	14
TUE -30		III	15

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CALENDAR 2020 -2021

Day & Date	JULY	Time Table Code	No. Of Working Days
WED - 1		IV	16
THU - 2		V	17
FRI -3		VI	18
SAT -4	Holiday		
SUN -5	Holiday		
MON -6		I	19
TUE – 7		II	20
WED –8		III	21
THU -9		IV	22
FRI – 10		V	23
SAT -11	World Population Day Holiday		
SUN – 12	Holiday		
MON – 13		VI	24
TUE – 14		I	25
WED - 15		II	26

CALENDAR 2020 -2021

Day & Date	JULY	Time Table Code	No. Of Working Days
THU – 16		III	27
FRI -17		IV	28
SAT – 18	Holiday		
SUN - 19	Holiday		
MON - 20		V	29
TUE – 21		VI	30
WED – 22		I	31
THU -23		II	32
FRI – 24		IIII	33
SAT – 25	Holiday		
SUN – 26	Holiday		
MON - 27	I Monthly Test	IV	34
TUE – 28	I Monthly Test	V	35
WED – 29	I Monthly Test	VI	36
THU -30	I Monthly Test	I	37
FRI - 31		II	38

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TIRUCHENGODE

CALENDAR 2020 2021

Day & Date	AUGUST	Time Table Code	No. Of Working Days
SAT - 1	Holiday Bakrid		
SUN -2	Holiday		
MON – 3		III	39
TUE - 4		IV	40
WED - 5		V	41
THU - 6		VI	42
FRI -7		I	43
SAT -8	Holiday		
SUN - 9	Holiday		
MON - 10		II	44
TUE – 11	Gokulashtami - Holiday		
WED – 12		III	45
THU -13		IV	46
FRI - 14		V	47
SAT - 15	Independence Day Holiday		

CALENDAR 2020 - 2021

Day & Date	AUGUST	Time Table Code	No. Of Working Days
SUN – 16	Holiday		
MON – 17		VI	48
TUE – 18		I	49
WED – 19		II	50
THU – 20		III	51
FRI -21		IV	52
SAT – 22	Vinayakar chaturthi- Holiday		
SUN - 23	Holiday		
MON - 24	II Monthly Test	V	53
TUE – 25	II Monthly Test	VI	54
WED – 26	II Monthly Test	I	55
THU -27	II Monthly Test	II	56
FRI – 28	II Monthly Test	III	57
SAT – 29	Holiday		
SUN - 30	Moharam - Holiday		
Mon -31		IV	58

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
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CALENDAR 2020-2021

Day & Date	SEPTEMBER	Time Table Code	No. Of Working Days
TUE – 1	தொழில் கலியுகம்	V	59
WED - 2		VI	60
THU – 3		I	61
FRI -4		II	62
SAT –5	Teacher's Day - Holiday		
SUN - 6	Holiday		
MON - 7		III	63
TUE – 8		IV	64
WED – 9		V	65
THU -10		VI	66
FRI – 11		I	67
SAT -12	Holiday		
SUN – 13	Holiday		
MON – 14		II	68
TUE - 15		III	69

Day & Date	SEPTEMBER	Time Table Code	No. Of Working Days
WED –16		IV	70
THU – 17		V	71
FRI -18		VI	72
SAT – 19	Holiday		
SUN - 20	Holiday		
MON - 21	III Monthly Test	I	73
TUE – 22	III Monthly Test	II	74
WED – 23	III Monthly Test	III	75
THU -24	III Monthly Test	IV	76
FRI – 25	III Monthly Test	V	77
SAT – 26	Holiday		
SUN - 27	Holiday		
MON - 28	III Monthly Test	VI	78
TUE - 29		I	79
WED - 30		II	80

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PRINCIPAL
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CALENDAR 2020-2021

Day & Date	OCTOBER	Time Table Code	No. Of Working Days
THU - 1		III	81
FRI - 2	Holiday – Gandhi Jayanthi		
SAT - 3	Holiday		
SUN - 4	Holiday		
MON - 5		IV	82
TUE - 6		V	83
WED - 7		VI	84
THU - 8		I	85
FRI - 9		II	86
SAT - 10	Holiday		
SUN - 11	Holiday		
MON - 12		III	87
TUE - 13		IV	88
WED - 14		V	89
THU - 15	World White Cane Day	VI	90
FRI - 16	World Food Day	I	91
SAT - 17	Holiday		
SUN - 18	Holiday		
MON - 19	Model Examination	II	92
TUE - 20	Model Examination	III	93
WED - 21	Model Examination	IV	94
THU - 22	Model Examination	V	95
FRI - 23	Model Examination	VI	96
SAT - 24	Holiday		
SUN - 25	Holiday – Saraswathi pooja		
MON - 26	Holiday –Vijayadhasami		
TUE - 27		I	97
WED - 28		II	98
THU - 29		III	99
FRI - 30	Holiday – Miladi Nabi		
SAT - 31	Holiday		

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CALENDER – 2020 -2021

Day & Date	NOVEMBER	Time Table Code	No. Of Working Days
SUN – 1	Holiday		
MON - 2			
TUE - 3			
WED - 4			
THU - 5			
FRI -6			
SAT –7	Holiday		
SUN - 8	Holiday		
MON - 9	Commencement of University Theory Examination		
TUE – 10			
WED – 11			
THU -12			
FRI – 13			
SAT -14	Diwali - Holiday		
SUN - 15	Holiday		

Day & Date	NOVEMBER	Time Table Code	No. Of Working Days
MON – 16			
TUE – 17			
WED – 18			
THU – 19			
FRI -20			
SAT – 21	Holiday		
SUN - 22	Holiday		
MON - 23			
TUE - 24			
WED – 25			
THU -26			
FRI – 27			
SAT – 28	Holiday		
SUN – 29	Holiday		
MON - 30	National Flag Day		

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CALENDAR 2020 -2021

Day & Date	DECEMBER	Time Table Code	No. Of Working Days
TUE – 1			
WED - 2	College Reopen (Even Sem)	I	1
THU – 3		II	2
FRI -4		III	3
SAT –5	Holiday		
SUN - 6	Holiday		
MON - 7		IV	4
TUE – 8		V	5
WED – 9		VI	6
THU -10	Human Rights Day	I	7
FRI – 11		II	8
SAT -12	Holiday		
SUN – 13	Holiday		
MON – 14		III	9
TUE - 15		IV	10
WED –16		V	11
THU – 17		VI	12
FRI -18		I	13
SAT – 19	Holiday		
SUN - 20	Holiday		
MON - 21		II	14
TUE – 22	National Mathematics Day	III	15
WED – 23		IV	16
THU -24		V	17
FRI – 25	Holiday - Christmas		
SAT – 26	Holiday		
SUN - 27	Holiday		
MON - 28		VI	18
TUE - 29	பள்ளிக் கவியரங்கம்	I	19
WED - 30		II	20
THU –31		III	21

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Day & Date	JANUARY	Time Table Code	No. Of Working Days
FRI -1	Holiday New Year		
SAT –2	Holiday		
SUN - 3	Holiday		
MON - 4	I MONTHLY TEST	IV	22
TUE – 5	I MONTHLY TEST	V	23
WED – 6	I MONTHLY TEST	VI	24
THU -7	I MONTHLY TEST	I	25
FRI – 8	I MONTHLY TEST	II	26
SAT -9	Holiday		
SUN – 10	Holiday		
MON – 11		III	27
TUE – 12		IV	28
WED – 13	Bogi - Holiday		
THU – 14	Pongal - Holiday		
FRI - 15	Ayyan Tiruvalluvar Day Holiday		

Day & Date	JANUARY	Time Table Code	No. Of Working Days
SAT – 16	Uzhavar Day Holiday		
SUN - 17	Holiday		
MON - 18		V	29
TUE – 19		VI	30
WED – 20		I	31
THU -21		II	32
FRI – 22		III	33
SAT – 23	Holiday		
SUN – 24	Holiday		
MON - 25	National Voters Day	IV	34
TUE – 26	Republic Day – Holiday		
WED – 27		V	35
THU -28	பொங்கல் கலியரங்கம்	VI	36
FRI – 29		I	37
SAT - 30	Holiday		
SUN -31	Holiday		

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CALENDAR 2020 -2021

Day & Date	FEBRUARY	Time Table Code	No. Of Working Days
MON – 1		II	38
TUE - 2		III	39
WED - 3		IV	40
THU - 4	World Cancer Day	V	41
FRI -5		VI	42
SAT -6	Holiday		
SUN - 7	Holiday		
MON - 8	II MONTHLY TEST	I	43
TUE – 9	II MONTHLY TEST	II	44
WED – 10	II MONTHLY TEST	III	45
THU -11	II MONTHLY TEST	IV	46
FRI - 12	II MONTHLY TEST	V	47
SAT - 13	Holiday		
SUN - 14	Holiday		
MON -15		VI	48
TUE -16		I	49
WED - 17		II	50
THU - 18		III	51
FRI - 19	Sportive - 2021	IV	52
SAT - 20	Holiday		
SUN - 21	Holiday		
MON - 22		V	53
TUE - 23		VI	54
WED -2 4		I	55
THU - 25		II	56
FRI - 26	பொன்னிக் கலியரங்கம்	III	57
SAT - 27	Holiday		
SUN - 28	Holiday		

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CALENDAR 2020 -2021

APRIL	Time Table Code	No. Of Working Days
	III	81
Good Friday – Holiday		
Holiday		
Holiday		
	IV	82
	V	83
World Health Day	VI	84
	I	85
	II	86
Holiday		
Holiday		
	III	87
	IV	88
Tamil New Year – Holiday		
	V	89

Day & Date	APRIL	Time Table Code	No. Of Working Days
FRI -16		VI	90
SAT – 17	Holiday		
SUN - 18	Holiday		
MON - 19		I	91
TUE – 20		II	92
WED – 21		III	93
THU -22			
FRI – 23			
SAT – 24			
SUN - 25			
MON - 26	Commencement of University Examination		
TUE – 27			
WED – 28			
THU -29			
FRI - 30			

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PERIYAR UNIVERSITY

PERIYAR PALKALAI NAGAR

SALEM – 636 011

DEGREE OF BACHELOR OF COMMERCE

CHOICE BASED CREDIT SYSTEM

SYLLABUS FOR B.COM

FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2017 – 2018 ONWARDS

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PERIYAR UNIVERSITY, SALEM-636 011
B.Com., Degree Course

(For the students admitted during the academic year 2017-2018 and onwards)
MODEL SCHEME OF EXAMINATIONS: CBCS PATTERN
(WITH 2 SEM LANGUAGE PAPERS)

Part	Paper	Study Components	Course Title	Ins. hrs / week	Exam				Credit
					Dur. Hrs	CIA-	Uni. exam	Total	
		SEMESTER I							
I	1	Language – I - Tamil - I		6	3	25	75	100	3
II	2	English-I		6	3	25	75	100	3
III	3	CORE I – Principles of Accountancy		5	3	25	75	100	4
III	4	CORE II – Business Communication		5	3	25	75	100	4
III	5	ALLIED PAPER I – Business Economics		6	3	25	75	100	4
IV	6	Value Education		2	3	25	75	100	2
		SEMESTER II							
I	7	Language – II - Tamil - II		6	3	25	75	100	3
II	8	English - II		6	3	25	75	100	3
III	9	CORE III – Financial Accounting		5	3	25	75	100	4
III	10	CORE IV – Business Management		5	3	25	75	100	4
III	11	ALLIED PAPER II - Indian Economy		6	3	25	75	100	4
IV	12	Environmental Studies		2	3	25	75	100	2
		SEMESTER III							
III	13	CORE V – Business Law		5	3	25	75	100	4
III	14	CORE VI – Corporate Accounting - I		6	3	25	75	100	4
III	15	CORE VII – Banking Theory Law& Practice		5	3	25	75	100	4
III	16	ALLIED PAPER III –Business Statistical Methods		6	3	25	75	100	4
IV	17	Skill Based Subject – I – Capital Market		3	3	25	75	100	3
IV	18	Skill Based Subject – II – MS-Office Practical - I		3	3	25	75	100	3
IV	19	Non-major Elective – I – Marketing		2	3	25	75	100	2
		SEMESTER IV							
III	20	CORE VIII – Company Law		5	3	25	75	100	5
III	21	CORE IX - Corporate Accounting - II		6	3	25	75	100	5
III	22	CORE X – Principles of Marketing		5	3	25	75	100	4
III	23	ALLIED PAPER IV – Business Statistical Decision Techniques		6	3	25	75	100	4
IV	24	Skill Based Subject – III – Project Methodology		3	3	25	75	100	3
IV	25	Skill Based Subject – IV – Tally Practical – II		3	3	25	75	100	3
IV	26	Non-major Elective – II – Human Resource Management		2	3	25	75	100	2
		SEMESTER V							
III	27	CORE XI – Cost Accounting		6	3	25	75	100	5
III	28	CORE XII - Auditing		6	3	25	75	100	5

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III	29	CORE XIII – Income Tax Law and Practice - I	6	3	25	75	100	5
III	30	CORE XIV – Information Technology in Business	6	3	25	75	100	4
III	31	Elective – I	6	3	25	75	100	5
		SEMESTER VI						
III	32	CORE XV – Management Accounting	6	3	25	75	100	5
III	33	CORE XVI – Entrepreneurial Development	6	3	25	75	100	5
III	34	CORE XVII - Income Tax Law and Practice - II	6	3	25	75	100	5
III	35	CORE XVIII – Commerce Practicals	6	3	25	75	100	5
III	36	Elective - II	6	3	25	75	100	5
V		Extension Activities @	-	-	-	-	-	1
		Total					3600	140

@ No University Examinations. Only credit is given.

List of Elective Papers (Colleges can choose any one group)		
Group A	1	Project Work
	2	Fundamentals of Insurance
Group B	1	Office Organisation
	2	Secretarial Practice
Group C	1	Industrial Law - I
	2	Industrial Law - II
Group D	1	Campus to Corporate
	2	Customer Relationship Management

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List of Common Papers for

1. B.Com
2. B.Com (CA)
3. B.Com (Accounting and Finance)
4. B.Com (Banking and Insurance)

SEMESTER I:

1. Tamil – I
2. English – I
3. Principles of Accountancy
4. Value Education

SEMESTER II:

5. Tamil – II
6. English – II
7. Financial Accounting
8. Environmental Studies

SEMESTER III:

9. Business Law
10. Corporate Accounting – I
11. Business Statistical Methods
12. Capital Market

SEMESTER IV:

13. Corporate Accounting – II
14. Business Statistical Decision Techniques
15. Project Methodology

SEMESTER V:

16. Cost Accounting
17. Income Tax Law and Practice – I

SEMESTER VI:

18. Management Accounting
19. Income Tax Law and Practice – I
20. Commerce Practicals

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Apart from the above papers other common papers in various semesters are:-

21. Banking Theory
22. Banking Law and Practice
23. Fundamentals of Insurance
24. Principles of Marketing
25. Office Organisation
26. Secretarial Practice
27. Entrepreneurial Development
28. Campus to Corporate
29. Customer Relationship Management
30. Project Work

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TIRUCHENGODE – 637 205, NAMAKKAL DT., TAMILNADU

DEPARTMENT OF COMMERCE

ACADEMIC YEAR 2020 -21 (ODD SEMESTER)

S.NO	SUBJECT CODE	SUBJECT NAME
1	17UCM11	COST ACCOUNTING
2	17UCM12	AUDITING
3	17UCM13	INCOME TAX LAW AND PRACTISE I
4	17UCMPR1	PROJECT WORK
5	17UCM05	BUSINESS LAW
6	17UCM06	CORPORATE ACOUNTING I
7	17UCM07	BANKING THEORY LAW AND PRACTICE
8	17UCMS01	CAPITAL MARKET
9	17UCMSP01	MS OFFICE PRACTICAL I
10	17UBAN01	PRINCIPLES OF MANAGEMENT
11	19UCM01	PRINCIPLES OF ACCOUNTANCY
12	19UCM02	BUSINESS COMMUNICATION
13	19UVE01	YOGA

HOD

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DEPARTMENT OF COMMERCE
SUBJECT PREFERENCE
ACADEMIC YEAR 2020 -21 (ODD SEMESTER)

S. No	Name of the Faculty	III B.Com (Theory)				II B.Com (Theory & Practical)						I B.Com (Theory)				FACULTY SIGNATURE
		17UCM11	17UCM12	17UCM13	17UCMPR1	19UCM05	19UCM06	19UCM07	19UCMS01	19UCMSP01	19UBAN01	19UCM01	19UCM02	20UPEC01	19UVE01	
1	M.REVATHI	✓			✓			✓						✓		
2	R.U.VIGNESH			✓	✓	✓			✓	✓			✓			
3.	M.NANDHINI		✓		✓		✓					✓			✓	

ERUDITION EXERTION ELEVATION

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HOD

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Since 1991 TIRUCHENGODE – 637 205

Department Work load details for the Odd / Even Semester (2020 - 2021)

Department of COMMERCE

Class	Theory (Hrs/Week)	Practical (Hrs/Week)	Total
I Year - A&B	24	-	24
II Year - A&B	42	06	48
III Year	30	-	30
Classes to Other Department			
Total			102

Total number of teaching staff in department : 04

Required Staff member : 02

Signature of H.O.D.

Principal

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
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Since 1991

Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Date: 29/12/2020

Name of the staff : Dr. M. REVATHY

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	Management Accounting	III. B.com	6
2	Project Methodology	II. B.com-B	3
3	Human Resource Management	II. B.com-A	02
4	Company Law	II. B.com-A	01
5			
6			
7			
8			
	Practical		
1			
2			
3			
	Total		12

Staff's Signature

Head of the Department

PRINCIPAL

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Since 1991

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TIRUCHENGODE – 637 205

BSCIC ISO 9001 REGISTERE

Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Name of the staff : Mr. R.U.VIGNESH

Date: 29.12.2020

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	INCOMETAX LAW AND PRACTICE - II	III B.Com	6
2	COMPANY LAW	II BCom "A"	4
3	TALLY PRACTICAL - II	II BCom "A", "B"	2
4			
5			
6			
7			
8			
	Practical		
1	COMMERCE PRACTICAL	III B.Com	2
2	TALLY PRACTICAL - I	II BCom "A" & "B"	4
3	—	—	—
	Total		18

R.U. 29/12/2020
Staff's Signature

29/12/20
Head of the Department

PRINCIPAL 29/12/20

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

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TIRUCHENGODE – 637 205

Since 1991

BSCIC ISO 9001 REGISTERE

Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Date: 30.12.2020

Name of the staff : M. NANDHINI

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	FUNDAMENTALS OF INSURANCE	III B.COM	06
2	-	-	-
3	CORPORATE ACCOUNTING - II	II B.COM - 'A'	06
4	BUSINESS MANAGEMENT	I B.COM - A	04
5			
6			
7			
8			
	Practical		
1	COMMERCE PRACTICAL	III B.COM	02
2			
3			
	Total		18

30/12/2020
Staff's Signature

Head of the Department

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TIRUCHENGODE - 637 205.

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Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Date: 29/12/202

Name of the staff : Dr. S. Kamaladevi

Department : Commerce

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	Entrepreneurial Development	III B.Com	6
2	Principles of Marketing	II B.Com 'A'	5
3	Financial Accounting	I B.Com 'B'	5
4			
5			
6			
7			
8			
	Practical		
1	Commerce Practical	III B.Com	2
2			
3			
	Total		18

29/12/2020

Staff's Signature

Head of the Department

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MRC

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Department Work load details for the Odd / Even Semester (2020 - 2021)

Department of COMMERCE

Class	Theory (Hrs/Week)	Practical (Hrs/Week)	Total
I Year - A & B	24	-	24
II Year - A & B	42	06	48
III Year	18	06	24
Classes to Other Department			
Total			96

Total number of teaching staff in department : 03

Required Staff members : 03

Signature of H.O.D.

Principal

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Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Name of the staff : Dr. M. REVATHI

Date:

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	Cost Accounting	III. B.com	6
2	Project Work	III. B.com	2
3	Banking Theory Law & Practice	II. B.com - A	3
4			
5			
6			
7			
8			
	Practical		
1			
2			
3			
	Total		11

Staff's Signature

Head of the Department

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TIRUCHENGODE – 637 205

Since 1991

Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Name of the staff : Mr. R.V. VIGNESH

Date:

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	INCOME TAX LAW AND PRACTICE-I	III B.Com	6
2	PROJECT WORK	III B.Com	2
3	BUSINESS LAW	II B.Com (A)	3
4	MS. OFFICE - PRACTICAL - I	II BCom "A" & "B"	2
5			
6			
7			
8			
	Practical		
1	MS. OFFICE - PRACTICAL - I	II BCom "A" & "B"	4
2			
3			
	Total		17

Staff's Signature

Head of the Department

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ISO 9001 REGISTER

Individual staff Work load details for the Odd / Even Semester (2020 - 2021)

Name of the staff : M. NANDHINI Date:

Department : COMMERCE

S. No.	Title of the paper	Class	Hours per week
	Theory		
1	AUDITING	III B.Com	3
2	PROJECT WORK	III B.Com	9
3	CORPORATE ACCOUNTING - I	II B.Com - 'A'	6
4	PRINCIPLES OF ACCOUNTANCY	I B.Com - 'A'	5
5	YOGA	I B.Com - 'B'	1
6			
7			
8			
	Practical		
1			
2			
3			
	Total		17

Staff's Signature

Head of the Department

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TIRUCHENGODE - 637 205.

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.

TIMETABLE – 2020-2021 (EVEN SEMESTER)

I - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (JME)	MAJOR (PD)	MAJOR (PKE)	MAJOR (MKE)	MAJOR (KP)
II B.A. (ENG.)	ENG. (MA)	SBEC (MKE)	TAMIL (UK)	ALLIED (PDK)	MAJOR (KB)
I B.A. (ENG.)	MAJOR (MKE)	TAMIL (RST)	MAJOR ((SRE)	Library (PD)	ENG. (SRE)
III BCOM	MAJOR (RUV)	MAJOR (MRC)	MAJOR (MNC)	MAJOR (RUV)	MAJOR (SK)
II BCOM – A	MAJOR (MNC)	ALLIED (MG)	MAJOR (MRC)	MAJOR (SK)	MAJOR (MRC)
II BCOM – B	MAJOR (SK)	MAJOR (RUV)	ALLIED (KC)	MAJOR (MRC)	MAJOR (MNC)
I BCOM – A	ENG. (KP)	ALLIED (SSE)	TAMIL (KST)	MAJOR (MNC)	MAJOR (RUV)
I BCOM – B	TAMIL (MS)	Library (MNC)	MAJOR (SK)	ENG. (MA)	ALLIED (SSE)
III B.B.A.	←---------- PLACEMENT LAB (ASC) ----------→			MAJOR (BP)	MAJOR (SSB)
II B.B.A.	MAJOR (SSB)	MAJOR (RRB)	ALLIED (SSE)	MAJOR (RRB)	MAJOR (BP)
I B.B.A.	ALLIED (JSM)	TAMIL (RST)	MAJOR (RRB)	MAJOR (SSB)	ENG. (SRE)
III BCOM (CA) –A	MAJOR (RMK)	MAJOR (TRM)	MAJOR (PAC)	MAJOR (LR)	Library (PC)
III BCOM (CA) – B	MAJOR (NMC)	MAJOR (NMC)	MAJOR (PC)	MAJOR (NMC)	MAJOR (NMC)
II BCOM (CA)	MAJOR (PAC)	ALLIED (STN)	NMEC (MG)	←-- PLACEMENT LAB (EP) --→	
I BCOM (CA)	ENG. (PKE)	ALLIED (SSN)	Library (RMK)	TAMIL (AST)	MAJOR (RMK)
III B.Sc. (ELEC.)	MAJOR (PR)	MAJOR (AK)	←---------- PROJECT LAB (PR) ----------→		
II B.Sc. (ELEC.)	ENG. (MA)	TAMIL (AST)	←---------- MAJOR LAB (PR) ----------→		
I B.Sc. (ELEC.)	MAJOR (SR)	TAMIL (RST)	MAJOR (SR)	ALLIED (JSM)	ENG. (SRE)
III B.Sc.(CS)	MAJOR (MC)	MAJOR (AS)	MAJOR (JK)	SBEC (SSN)	MAJOR (PB)
II B.Sc.(CS)	NMEC (BP)	ENG. (PDK)	ALLIED. (AK)	TAMIL (RST)	ALLED (AK)
I B.Sc.(CS)	ALLIED (MG)	TAMIL (MS)	MAJOR (AS)	ENG. (KB)	ALLIED (STN)
III B.C.A.	←---------- M.Sc LAB (SBC) ----------→			MAJOR (ASC)	MAJOR (TG)
II B.C.A.	NMEC (BP)	MAJOR (GSK)	ALLIED (AK)	MAJOR (RSK)	ALLIED (AK)
I B.C.A.	ALLIED (MG)	TAMIL (MS)	MAJOR (GSK)	ENG. (KB)	ALLIED (STN)
III B.Sc.(Maths)	MAJOR (STN)	MAJOR (JSM)	MAJOR (LC)	MAJOR (RK)	MAJOR (SSM)
II B.Sc.(Maths)	ENG. (PD)	TAMIL (AST)	MAJOR (RK)	ALLIED (SSM)	SBEC (KC)
I B.Sc.(Maths)	MAJOR (KC)	MAJOR (SSM)	TAMIL (AST)	ALLIED (SR)	ENG. (SRE)
III B.Sc.(Micro)	MAJOR (SN)	MAJOR (NS)	MAJOR (TN)	Library (PAK)	MAJOR (SS)
II B.Sc.(Micro)	ENG. (SRE)	MAJOR (TN)	MAJOR (NS)	ALLIED (SBC)	TAMIL (KST)
I B.Sc.(Micro)	TAMIL (RST)	ENG. (MA)	←---------- ALLIED LAB (KK) ----------→		
III B.Sc.(BT) – A	MAJOR (KVK)	MAJOR (ML)	MAJOR (RRW)	MAJOR (KV)	MAJOR (ML)
III B.Sc.(BT) – B	MAJOR (ML)	MAJOR (RRW)	MAJOR (KVK)	MAJOR (ML)	MAJOR (KVK)
II B.Sc.(BT)	MAJOR (RRW)	ALLIED (VB)	MAJOR (KV)	TAMIL (UK)	ENG. (PKE)
I B.Sc.(BT)	TAMIL (KST)	ENG. (KB)	←---------- ALLIED LAB (KK) ----------→		
III B.Sc.(Physics)	MAJOR (AK)	MAJOR (KBW)	←---------- MAJOR LAB (PR) ----------→		
II B.Sc.(Physics)	ENG. (MA)	TAMIL (AST)	ALLIED (AK)	MAJOR (AK)	ALLIED (AK)
I B.Sc.(Physics)	MAJOR (KBW)	TAMIL (RST)	MAJOR (KBW)	ALLIED (JSM)	ENG. (SRE)
III B.Sc.(Chemistry)	←----- (SL) ---------- (SL)--------- MAJOR LAB (SL) ---------- (SPC) ---------- (SPC) ------→				
II B.Sc.(Chemistry)	Library (NH)	ENG. (KP)	NMEC (EP)	ALLIED (AK)	TAMIL (MS)
I B.Sc.(Chemistry)	Library (SPC)	YOGA (SL)	TAMIL (AST)	ALLIED (JSM)	ENG. (SRE)
III B.Sc.(Bioche)	MAJOR (PSK)	MAJOR (KK)	MAJOR (JM)	MAJOR (JM)	MAJOR (PSK)
II B.Sc.(Bioche)	MAJOR (JM)	ENG. (KP)	TAMIL (UK)	ALLIED (MC)	MAJOR (JSM)
III B.Sc.(Botany)	Library (EEK)	MAJOR (EEK)	MAJOR (DM)	MAJOR (DM)	MAJOR (DM)
II B.Sc.(Botany)	←---------- ZOOLOGY LAB (GD) ----------→			TAMIL (UK)	ENG. (PKE)
I B.Sc.(Botany)	TAMIL (KST)	ENG. (KB)	MAJOR (EEK)	SBEC (GD)	ALLIED (SL)

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SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.

TIMETABLE – 2020-2021 (EVEN SEMESTER)

II - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (MKE)	MAJOR (JME)	MAJOR (PKE)	MAJOR (KP)	MAJOR (PD)
II B.A. (ENG.)	ALLIED (PDK)	ENG. (MA)	SBEC (KB)	TAMIL (UK)	MAJOR (MA)
I B.A. (ENG.)	TAMIL (RST)	ENG. (SRE)	MAJOR (PD)	MAJOR (KB)	MAJOR (SRE)
III BCOM	MAJOR (MRC)	MAJOR (MNC)	Library (RUV)	MAJOR (MRC)	MAJOR (MNC)
II BCOM – A	MAJOR (RUV)	MAJOR (SK)	ALLIED (MG)	MAJOR (MNC)	MAJOR (SK)
II BCOM – B	ALLIED (SSM)	MAJOR (MRC)	MAJOR (SK)	←----- MAB LAB (RUV) --------→	
I BCOM – A	MAJOR (SSE)	MAJOR (RUV)	MAJOR (MNC)	TAMIL (KST)	ENG. (KP)
I BCOM – B	ENG. (MA)	ALLIED (SSE)	TAMIL (MS)	MAJOR (SK)	MAJOR (MRC)
III B.B.A.	MAJOR (BP)	ALLIED (ASC)	MAJOR (RRB)	MAJOR (SSB)	MAJOR (RRB)
II B.B.A.	MAJOR (RRB)	MAJOR (SSB)	MAJOR (BP)	MAJOR (BP)	ALLIED (SSE)
I B.B.A.	TAMIL (RST)	ENG. (SRE)	Library (SSB)	MAJOR (RRB)	ALLIED (JSM)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (LR)	MAJOR (PAC)	MAJOR (RMK)	MAJOR (RMK)
III BCOM (CA) – B	MAJOR (RMK)	MAJOR (NMC)	MAJOR (PC)	MAJOR (PC)	Library (NMC)
II BCOM (CA)	MAJOR (NMC)	ALLIED (RSK)	ALLIED (STN)	MAJOR (NMC)	MAJOR (PAC)
I BCOM (CA)	←---------- PLACEMENT LAB (SSN) ----------→			ENG. (PKE)	TAMIL (AST)
III B.Sc. (ELEC.)	←----- PROJECT LAB (SR) -----→		MAJOR (SR)	MAJOR (PR)	MAJOR (AK)
II B.Sc. (ELEC.)	ALLIED (GSK)	ENG. (MA)	TAMIL (AST)	←- ALLIED LAB CS (GSK) -→	
I B.Sc. (ELEC.)	TAMIL (RST)	ENG. (SRE)	←---------- MAJOR LAB (KBW) ----------→		
III B.Sc.(CS)	←---------- M.Sc. LAB (MC) ----------→			MAJOR (JK)	MAJOR (AS)
II B.Sc.(CS)	←----- ALLIED LAB (SR) -------→		TAMIL (RST)	ENG. (PDK)	MAJOR (EP)
I B.Sc.(CS)	ALLIED (STN)	ENG. (KB)	MAJOR (AS)	ALLIED (MG)	TAMIL (MS)
III B.C.A.	MAJOR (TG)	MAJOR (SBC)	MAJOR (ASC)	MAJOR (TG)	MAJOR (VB)
II B.C.A.	SBEC (SBC)	MAJOR (EP)	MAJOR (RSK)	←------ M.Sc. LAB (RSK) --------→	
I B.C.A.	ALLIED (STN)	ENG. (KB)	MAJOR (GSK)	ALLIED (MG)	TAMIL (MS)
III B.Sc.(Maths)	MAJOR (MG)	MAJOR (JSM)	MAJOR (LC)	MAJOR (STN)	MAJOR (RK)
II B.Sc.(Maths)	MAJOR (JSM)	MAJOR (RK)	TAMIL (AST)	ENG. (PD)	ALLIED (SSM)
I B.Sc.(Maths)	TAMIL (AST)	ENG. (SRE)	MAJOR (KC)	MAJOR (SSM)	ALLIED (PR)
III B.Sc.(Micro)	MAJOR (NS)	MAJOR (APV)	MAJOR (SS)	MAJOR (PAK)	MAJOR (TN)
II B.Sc.(Micro)	TAMIL (KST)	MAJOR (TN)	ENG. (SRE)	Library (NS)	ALLIED (SBC)
I B.Sc.(Micro)	MAJOR (TN)	MAJOR (SS)	ENG. (MA)	TAMIL (RST)	MAJOR (SS)
III B.Sc.(BT) – A	MAJOR (ML)	MAJOR (KVK)	MAJOR (GD)	MAJOR (KV)	MAJOR (RRW)
III B.Sc.(BT) – B	MAJOR (X)	MAJOR (X)	MAJOR (KV)	MAJOR (KVK)	MAJOR (KV)
II B.Sc.(BT)	ENG. (PKE)	MAJOR (GD)	←---------- MAJOR LAB (RRW) ----------→		
I B.Sc.(BT)	ENG. (KB)	TAMIL (KST)	←---------- MAJOR LAB (ML) ----------→		
III B.Sc.(Physics)	MAJOR (PR)	MAJOR (KBW)	MAJOR (AK)	MAJOR (SR)	MAJOR (SR)
II B.Sc.(Physics)	MAJOR (KBW)	ENG. (MA)	TAMIL (AST)	MAJOR (AK)	Library (AK)
I B.Sc.(Physics)	TAMIL (RST)	ENG. (SRE)	←---------- MAJOR LAB (KBW) ----------→		
III B.Sc.(Chemistry)	MAJOR (NH)	Library (SPC)	MAJOR (NH)	MAJOR (SPC)	MAJOR (NH)
II B.Sc.(Chemistry)	ENG. (KP)	TAMIL (MS)	←---------- ALLIED LAB (KSN) ----------→		
I B.Sc.(Chemistry)	TAMIL (AST)	ENG. (SRE)	←---------- MAJOR LAB (SL) ----------→		
III B.Sc.(Bioche)	←---------- MAJOR LAB (PSK) ----------→				
II B.Sc.(Bioche)	ENG. (KP)	NMEC (SL)	MAJOR (JM)	TAMIL (UK)	ALLIED (MC)
I II B.Sc.(Botany)	MAJOR (DM)	MAJOR (DM)	MAJOR (DM)	MAJOR (EEK)	MAJOR (EEK)
II B.Sc.(Botany)	←---------- MAJOR LAB (EEK) ----------→			ENG. (PD)	TAMIL (UK)
I B.Sc.(Botany)	ENG. (KB)	TAMIL (KST)	ALLIED (SPC)	Library (DM)	MAJOR (DM)

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SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.

TIMETABLE – 2020-2021 (EVEN SEMESTER)

III - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (PD)	MAJOR (JME)	MAJOR (MKE)	MAJOR (KP)	MAJOR (PKE)
II B.A. (ENG.)	ALLIED (PDK)	TAMIL (UK)	MAJOR (KB)	ENG. (MA)	NMEC (
I B.A. (ENG.)	MAJOR (SRE)	MAJOR (PD)	TAMIL (RST)	MAJOR (MKE)	ENG. (SRE)
III BCOM	MAJOR (MNC)	MAJOR (MRC)	MAJOR (SK)	MAJOR (MNC)	MAJOR (MRC)
II BCOM – A	MAJOR (RUV)	MAJOR (SK)	ALLIED (RK)	MAJOR (SK)	MAJOR (RUV)
II BCOM – B	MAJOR (SK)	MAJOR (RUV)	MAJOR (MRC)	ALLIED (KC)	Library (MNC)
I BCOM – A	ENG. (KP)	MAJOR (MNC)	TAMIL (KST)	MAJOR (MRC)	ALLIED (SSE)
I BCOM – B	TAMIL (MS)	ENG. (MA)	MAJOR (RUV)	ALLIED (SSE)	MAJOR (SK)
III B.B.A.	MAJOR (RRB)	MAJOR (BP)	ALLIED (ASC)	MAJOR (SSB)	MAJOR (RRB)
II B.B.A.	MAJOR (BP)	ALLIED (SSE)	MAJOR (SSB)	Library (RRB)	MAJOR (SSB)
I B.B.A.	MAJOR (SSB)	MAJOR (RRB)	TAMIL (RST)	MAJOR (BP)	ENG. (SRE)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (PAC)	MAJOR (RMK)	MAJOR (LR)	MAJOR (PC)
III BCOM (CA) – B	MAJOR (NMC)	MAJOR (RMK)	MAJOR (PC)	MAJOR (SSCA)	MAJOR (RMK)
II BCOM (CA)	ALLIED (STN)	MAJOR (NMC)	Library (NMC)	ALLIED (RSK)	MAJOR (PAC)
I BCOM (CA)	TAMIL (AST)	ALLIED (SSN)	ENG. (PKE)	←-- PLACEMENT LAB (VB) --→	
III B.Sc. (ELEC.)	MAJOR (KBW)	MAJOR (PR)	MAJOR (PR)	MAJOR (SR)	MAJOR (PR)
II B.Sc. (ELEC.)	←---------- MAJOR LAB (AK) ----------→			ENG. (MA)	TAMIL (AST)
I B.Sc. (ELEC.)	MAJOR (SR)	ALLIED (JSM)	TAMIL (RST)	Library (PR)	ENG. (SRE)
III B.Sc.(CS)	MAJOR (ASC)	MAJOR (AS)	MAJOR (MC)	MAJOR (JK)	MAJOR (ASC)
II B.Sc.(CS)	←---------- M.Sc. LAB (EP) ----------→			TAMIL (RST)	ENG. (PDK)
I B.Sc.(CS)	ENG. (KB)	Library (GSK)	ALLIED (MG)	ALLIED (MG)	TAMIL (MS)
III B.C.A.	SBEC (RSK)	MAJOR (VB)	MAJOR (TG)	←-------- M.Sc. LAB (AS) --------→	
II B.C.A.	MAJOR (GSK)	MAJOR (PB)	MAJOR (RSK)	MAJOR (EP)	MAJOR (PB)
I B.C.A.	ENG. (KB)	Library (EP)	ALLIED (MG)	ALLIED (MG)	TAMIL (MS)
III B.Sc.(Maths)	MAJOR (RK)	MAJOR (MG)	MAJOR (LC)	MAJOR (STN)	MAJOR (MG)
II B.Sc.(Maths)	ALLIED (SSM)	NMEC (RK)	MAJOR (JSM)	ENG. (PD)	TAMIL (AST)
I B.Sc.(Maths)	ALLIED (PR)	MAJOR (SSM))	MAJOR (SSM)	TAMIL (AST)	ENG. (SRE)
III B.Sc.(Micro)	MAJOR (PAK)	MAJOR (SN)	MAJOR (NS)	←---- MAJOR LAB (PAK) ------→	
II B.Sc.(Micro)	←---------- PLACEMENT LAB (SBC) ----------→			ENG. (SRE)	TAMIL (KST)
I B.Sc.(Micro)	ALLIED (JM)	TAMIL (RST)	ALLIED (PSK)	MAJOR (TN)	ENG. (MA)
III B.Sc.(BT) – A	MAJOR (ML)	MAJOR (X)	←---------- MAJOR LAB (KVK) ----------→		
III B.Sc.(BT) – B	MAJOR (KV)	MAJOR (KVK)	MAJOR (KV)	MAJOR (ML)	MAJOR (X)
II B.Sc.(BT)	ENG. (PKE)	MAJOR (KV)	ALLIED (VB)	TAMIL (UK)	Library (RRW)
I B.Sc.(BT)	ALLIED (JM)	MAJOR (ML)	ALLIED (PSK)	MAJOR (GD)	ENG. (KB)
III B.Sc.(Physics)	←---------- MAJOR LAB (AK) ----------→			MAJOR (KBW)	MAJOR (AK)
II B.Sc.(Physics)	←---------- MAJOR LAB (AK) ----------→			ENG. (MA)	TAMIL (AST)
I B.Sc.(Physics)	ALLIED (JSM)	ALLIED (JSM)	TAMIL (RST)	Library (KBW)	ENG. (SRE)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (SL)	←--- (NH) --- PHYSICAL LAB (NH) ----------→		
II B.Sc.(Chemistry)	MAJOR (NH)	TAMIL (MS)	MAJOR (NH)	ALLIED (AK)	ENG. (KP)
I B.Sc.(Chemistry)	←---------- ALLIED LAB (EEK) ----------→			TAMIL (AST)	ENG. (SRE)
III B.Sc.(Bioche)	MAJOR (PSK)	MAJOR (JM)	MAJOR (KK)	MAJOR (PSK)	MAJOR (KK)
II B.Sc.(Bioche)	ALLIED (MC)	TAMIL (UK)	MAJOR (JM)	MAJOR (JM)	ENG. (KP)
III B.Sc.(Botany)	MAJOR (DM)	MAJOR (DM)	MAJOR (DM)	MAJOR (EEK)	MAJOR (EEK)
II B.Sc.(Botany)	ENG. (PKE)	ALLIED (GD)	ALLIED (GD)	TAMIL (UK)	SBEC (DM)
I B.Sc.(Botany)	←---------- MAJOR LAB (DM) ----------→			TAMIL (KST)	ENG. (KB)

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.

TIMETABLE – 2020-2021 (EVEN SEMESTER)

IV - DAY ORDER					
CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (PKE)	MAJOR (PD)	MAJOR (MKE)	MAJOR (JME)	MAJOR (KP)
II B.A. (ENG.)	MAJOR (PDK)	TAMIL (UK)	ENG. (MA)	MAJOR (KB)	MAJOR (MKE)
I B.A. (ENG.)	MAJOR (PD)	MAJOR (MKE)	MAJOR (SRE)	MAJOR (SRE)	TAMIL (RST)
III BCOM	MAJOR (SK)	MAJOR (MNC)	MAJOR (MRC)	MAJOR (RUV)	MAJOR (MNC)
II BCOM – A	MAJOR (MNC)	MAJOR (RUV)	MAJOR (SK)	Library (MRC)	ALLIED (RK)
II BCOM – B	MAJOR (RUV)	MAJOR (SK)	MAJOR (MNC)	ALLIED (SSM)	MAJOR (MRC)
I BCOM – A	MAJOR (MRC)	ALLIED (SSE)	MAJOR (RUV)	ENG.(KP)	TAMIL (KST)
I BCOM – B	ALLIED (SSE)	MAJOR (MRC)	TAMIL (MS)	MAJOR (MNC)	ENG. (MA)
III B.B.A.	MAJOR (BP)	MAJOR (RRB)	MAJOR (SSB)	MAJOR (SSB)	MAJOR (BP)
II B.B.A.	MAJOR (RRB)	MAJOR (SSB)	MAJOR (BP)	ALLIED (SSE)	NMEC (PR)
I B.B.A.	MAJOR (SSB)	ALLIED (SSM)	ENG. (SRE)	MAJOR (RRB)	TAMIL (RST)
III BCOM (CA) –A	MAJOR (PC)	MAJOR (RMK)	MAJOR (PAC)	MAJOR (TRM)	MAJOR (PAC)
III BCOM (CA) – B	MAJOR (NMC)	MAJOR (LR)	MAJOR (SSCA)	MAJOR (RMT)	MAJOR (PC)
II BCOM (CA)	MAJOR (PAC)	ALLIED (RSK)	NMEC (MG)	MAJOR (NMC)	ALLIED (STN)
I BCOM (CA)	MAJOR (RMK)	ENG. (PKE)	TAMIL (AST)	ALLIED (SSN)	MAJOR (RMK)
III B.Sc. (ELEC.)	MAJOR (RR)	Library (KBW)	MAJOR (PR)	MAJOR (PR)	SBEC (SR)
II B.Sc. (ELEC.)	TAMIL (AST)	MAJOR (PR)	ENG. (MA)	NMEC (AS)	ALLIED (GSK)
I B.Sc. (ELEC.)	ALLIED (MG)	SBEC (KBW)	ENG. (SRE)	ALLIED (JSM)	TAMIL (RST)
III B.Sc.(CS)	MAJOR (MC)	MAJOR (JK)	SBEC (SSN)	MAJOR (MC)	MAJOR (ASC)
II B.Sc.(CS)	MAJOR (EP)	Library (AK)	TAMIL (RST)	ENG. (PDK)	MAJOR (EP)
I B.Sc.(CS)	MAJOR (AS)	SBEC (GSK)	MAJOR (AS)	TAMIL (MS)	ENG. (KB)
III B.C.A.	←---------- MAJOR LAB (ASC) ----------→			MAJOR (SBC)	MAJOR (VB)
II B.C.A.	Library (PB)	ALLIED (AK)	MAJOR (EP)	←------- M.Sc. LAB (RSK) -------→	
I B.C.A.	←---------- M.C.A. LAB (GSK) ----------→			TAMIL (MS)	ENG. (KB)
III B.Sc.(Maths)	MAJOR (RK)	MAJOR (JSM)	MAJOR (LC)	←-- PLACEMENT LAB (LC) --→	
II B.Sc.(Maths)	TAMIL (AST)	SBEC (KC)	ENG. (PD)	MAJOR (RK)	Library (SSM)
I B.Sc.(Maths)	PRO.ENG.(SSM)	ALLIED (SR)	ENG. (SRE)	MAJOR (KC)	TAMIL (AST)
III B.Sc.(Micro)	MAJOR (SS)	MAJOR (SN)	MAJOR (NS)	MAJOR (APV)	MAJOR (PAK)
II B.Sc.(Micro)	TAMIL (KST)	ENG. (SRE)	ALLIED (SBC)	MAJOR (NS)	ALLIED (SBC)
I B.Sc.(Micro)	ENG. (MA)	TAMIL (RST)	←---------- MAJOR LAB (SS) ----------→		
III B.Sc.(BT) – A	MAJOR (KV)	MAJOR (ML)	MAJOR (KV)	MAJOR (GD)	MAJOR (KVK)
III B.Sc.(BT) – B	←---------- MAJOR LAB (KVK) ----------→			MAJOR (ML)	MAJOR (KV)
II B.Sc.(BT)	←---------- PLACEMENT LAB (VB) ----------→			TAMIL (UK)	ENG. (PKE)
I B.Sc.(BT)	ENG. (KB)	TAMIL (KST)	MAJOR(ML/PV)	MAJOR(KV/PV)	MAJOR(ML/PV)
III B.Sc.(Physics)	MAJOR (AK)	MAJOR (PR)	MAJOR (AK)	MAJOR (KBW)	MAJOR (AK)
II B.Sc.(Physics)	TAMIL (AST)	ALLIED (AK)	ENG. (MA)	NMEC (AS)	MAJOR (KBW)
I B.Sc.(Physics)	ALLIED (MG)	MAJOR (KBW)	ENG. (SRE)	ALLIED (JSM)	TAMIL (RST)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (NH)	MAJOR (NH)	MAJOR (SL)	MAJOR (NH)
II B.Sc.(Chemistry)	ENG. (KP)	TAMIL (MS)	←---------- MAJOR LAB (SPC) ----------→		
I B.Sc.(Chemistry)	ALLIED (MG)	YOGA (SL)	ENG. (SRE)	ALLIED (JSM)	TAMIL (AST)
III B.Sc.(Bioche)	MAJOR (PSK)	MAJOR (KK)	←---------- MAJOR LAB (JM) ----------→		
II B.Sc.(Bioche)	ENG. (KP)	TAMIL (UK)	←---------- MAJOR LAB (JM) ----------→		
III B.Sc.(Botany)	←---------- MAJOR LAB (EEK) ----------→			MAJOR (GD)	MAJOR (GD)
II B.Sc.(Botany)	ALLIED (GD)	MAJOR (PM)	SBEC (DM)	TAMIL (UK)	ENG. (PKE)
I B.Sc.(Botany)	ENG. (KG)	TAMIL (KST)	ALLIED (SL)	MAJOR (DM)	SBEC (GD)

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TIMETABLE – 2020-2021 (EVEN SEMESTER)

V - DAY ORDER					
CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	Library (KP)	MAJOR (JME)	MAJOR (PKE)	MAJOR (PD)	MAJOR (MKE)
II B.A. (ENG.)	MAJOR (PDK)	NMEC (BP)	ENG. (MA)	TAMIL (UK)	ALLIED (KB)
I B.A. (ENG.)	Library (MKE)	ENG. (SRE)	TAMIL (RST)	MAJOR (SRE)	MAJOR (PD)
III BCOM	MAJOR (SK)	MAJOR (MRC)	MAJOR (RUV)	MAJOR (SK)	MAJOR (MRC)
II BCOM – A	MAJOR (RUV)	MAJOR (MNC)	MAJOR (MNC)	ALLIED (RK)	MAJOR (RUV)
II BCOM – B	MAJOR (MRC)	MAJOR (SK)	ALLIED (SSM)	MAJOR (MNC)	MAJOR (SK)
I BCOM – A	MAJOR (MNC)	ENG. (KP)	ALLIED (SSE)	MAJOR (RUV)	TAMIL (KST)
I BCOM – B	ENG. (MA)	MAJOR (RUV)	MAJOR (SK)	TAMIL (MS)	ALLIED (SSE)
III B.B.A.	MAJOR (BP)	MAJOR (SSB)	MAJOR (RRB)	MAJOR (RRB)	Library (SSB)
II B.B.A.	MAJOR (SSB)	MAJOR (RRB)	MAJOR (SSB)	ALLIED (SSE)	MAJOR (BP)
I B.B.A.	ALLIED (SSM)	ENG. (SRE)	TAMIL (RST)	MAJOR (SSB)	MAJOR (RRB)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (PAC)	MAJOR (TRM)	MAJOR (RMK)	MAJOR (PC)
III BCOM (CA) – B	MAJOR (PC)	MAJOR (RMK)	MAJOR (SSCA)	MAJOR (LR)	MAJOR (NMC)
II BCOM (CA)	ALLIED (RSK)	ALLIED (STN)	MAJOR (NMC)	ALLIED (RSK)	MAJOR (PAC)
I BCOM (CA)	MAJOR (RMK)	ENG. (PKE)	TAMIL (AST)	MAJOR (PC)	ALLIED (SSN)
I II B.Sc. (ELEC.)	SBEC (SR)	MAJOR (AK)	←---------- MAJOR LAB (PR) ----------→		
II B.Sc. (ELEC.)	NMEC (AS)	ALLIED (GSK)	ENG. (MA)	TAMIL (AST)	MAJOR (PR)
I B.Sc. (ELEC.)	MAJOR (PR)	ENG. (SRE)	TAMIL (RST)	ALLIED (JSM)	EVS (KBW)
III B.Sc.(CS)	←---------- M.Sc. LAB (SSN) ----------→			MAJOR (ASC)	MAJOR (AS)
II B.Sc.(CS)	TAMIL (RST)	ENG. (PDK)	NMEC (BP)	SBEC (VB)	ALLIED (AK)
I B.Sc.(CS)	TAMIL (MS)	ALLIED (MG)	ENG. (KB)	MAJOR (AS)	ALLIED (MG)
III B.C.A.	MAJOR (SBC)	MAJOR (ASC)	MAJOR (VB)	MAJOR (SBC)	MAJOR (TG)
II B.C.A.	MAJOR (EP)	MAJOR (RSK)	NMEC (BP)	MAJOR (EP)	ALLIED (AK)
I B.C.A.	TAMIL (MS)	ALLIED (MG)	ENG. (KB)	MAJOR (GSK)	ALLIED (MG)
III B.Sc.(Maths)	MAJOR (RK)	MAJOR (JSM)	Library (LC)	MAJOR (MG)	MAJOR (STN)
II B.Sc.(Maths)	ENG. (PD)	NMEC (RK)	MAJOR (JSM)	TAMIL (AST)	ALLIED (SSM)
I B.Sc.(Maths)	TAMIL (AST)	ENG. (SRE)	←---------- ALLIED LAB (PR) ----------→		
III B.Sc.(Micro)	MAJOR (NS)	MAJOR (SN)	MAJOR (PAK)	MAJOR (APV)	MAJOR (SS)
II B.Sc.(Micro)	ENG. (SRE)	TAMIL (KST)	←---------- MAJOR LAB (NS) ----------→		
I B.Sc.(Micro)	MAJOR (TN)	Library (SN)	ALLIED (PSK)	ENG. (MA)	TAMIL (RST)
III B.Sc.(BT) – A	←---------- MAJOR LAB (KV) ----------→			Library (KVK)	MAJOR (X)
III B.Sc.(BT) – B	MAJOR (GD)	MAJOR (ML)	MAJOR (KVK)	Library (RRW)	MAJOR (KV)
II B.Sc.(BT)	ALLIED (VB)	TAMIL (UK)	MAJOR (RRW)	MAJOR (GD)	ALLIED (MC)
I B.Sc.(BT)	TAMIL (KST)	ENG. (KB)	ALLIED (PSK)	MAJOR (X)	Library (ML)
III B.Sc.(Physics)	MAJOR (KBW)	MAJOR (PR)	MAJOR (KBW)	MAJOR (KBW)	MAJOR (SR)
II B.Sc.(Physics)	NMEC (AS)	MAJOR (KBW)	ENG. (MA)	TAMIL (AST)	ALLIED (AK)
I B.Sc.(Physics)	MAJOR (AK)	ENG. (SRE)	TAMIL (RST)	ALLIED (JSM)	EVS (KBW)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (SL)	MAJOR (SPC)	MAJOR (SL)	MAJOR (SPC)
II B.Sc.(Chemistry)	MAJOR (NH)	MAJOR (NH)	TAMIL (MS)	ALLIED (AK)	ENG. (KP)
I B.Sc.(Chemistry)	TAMIL (AST)	ENG. (SRE)	MAJOR (SL)	ALLIED (JSM)	MAJOR (SL)
III B.Sc.(Bioche)	MAJOR (KK)	MAJOR (JM)	MAJOR (KK)	MAJOR (PSK)	MAJOR (JM)
II B.Sc.(Bioche)	←---------- PLCEMENT LAB (MC) ----------→			TAMIL (UK)	ENG. (KP)
III B.Sc.(Botany)	MAJOR (DM)	MAJOR (EEK)	MAJOR (DM)	MAJOR (DM)	MAJOR (EEK)
II B.Sc.(Botany)	MAJOR (EEK)	TAMIL (UK)	ALLIED (GD)	ENG. (PKE)	MAJOR (EEK)
I B.Sc.(Botany)	TAMIL (KST)	ENG. (KB)	←---------- ALLIED LAB (NH) ----------→		

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TIMETABLE – 2020-2021 (EVEN SEMESTER)

VI - DAY ORDER					
CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (JME)	MAJOR (PD)	MAJOR (MKE)	MAJOR (KP)	MAJOR (PKE)
II B.A. (ENG.)	ALLIED (PDK)	ENG.(MA)	MAJOR (KB)	TAMIL (UK)	SBEC (MA)
I B.A. (ENG.)	MAJOR (PD)	ENG. (SRE)	TAMIL (RST)	MAJOR (SRE)	MAJOR (MKE)
III BCOM	MAJOR (MRC)	MAJOR (RUV)	MAJOR (MNC)	MAJOR (SK)	MAJOR (MNC)
II BCOM – A	MAJOR (RUV)	MAJOR (MNC)	ALLIED (RK)	←-PLACEMENT LAB (RUV) -→	
II BCOM – B	MAJOR (SK)	ALLIED (KC)	MAJOR (MRC)	MAJOR (MNC)	MAJOR (MRC)
I BCOM – A	MAJOR (MNC)	MAJOR (SK)	ENG. (KP)	TAMIL (KST)	Library (SSE)
I BCOM – B	ALLIED (SSE)	TAMIL (MS)	MAJOR (SK)	ENG. (MA)	MAJOR (SK)
III B.B.A.	MAJOR (BP)	MAJOR (RRB)	MAJOR (SSB)	MAJOR (BP)	ALLIED (ASC)
II B.B.A.	NMEC (PR)	MAJOR (BP)	ALLIED (SSE)	MAJOR (SSB)	MAJOR (BP)
I B.B.A.	MAJOR (RRB)	ENG. (SRE)	TAMIL (RST)	ALLIED (JSM)	MAJOR (SSB)
III BCOM (CA) –A	MAJOR (PAC)	MAJOR (RMK)	MAJOR (TRM)	MAJOR (PC)	MAJOR (PC)
III BCOM (CA) – B	MAJOR (NMC)	MAJOR (LR)	MAJOR (NMC)	MAJOR (RMK)	MAJOR (NMC)
II BCOM (CA)	←---------- PLACEMENT LAB (RSK) ----------→			ALLIED (STN)	MAJOR (PAC)
I BCOM (CA)	TAMIL (AST)	ALLIED (SSN)	ENG. (PKE)	ALLIED (SSN)	MAJOR (RMK)
III B.Sc. (ELEC.)	MAJOR (KBW)	MAJOR (SR)	←---------- MAJOR LAB (AK) ----------→		
II B.Sc. (ELEC.)	Library (PR)	ENG. (MA)	TAMIL (AST)	ALLIED (GSK)	MAJOR (PR)
I B.Sc. (ELEC.)	ALLIED (JSM)	ENG. (SRE)	TAMIL (RST)	MAJOR (PR)	EVS (KBW)
III B.Sc.(CS)	Library (JK)	MAJOR (MC)	MAJOR (AS)	←-------- M.Sc. LAB (MC) -------→	
II B.Sc.(CS)	ALLIED (AK)	TAMIL (RST)	ENG. (PDK)	SBEC (VB)	MAJOR (EP)
I B.Sc.(CS)	←---------- M.Sc. LAB (AS) ----------→			TAMIL (MS)	ENG. (KB)
III B.C.A.	MAJOR (ASC)	MAJOR (VB)	Library (ASC)	MAJOR (SBC)	MAJOR (RSK)
II B.C.A.	ALLIED (AK)	SBEC (SBC)	←---------- ALLIED LAB (AK) ----------→		
I B.C.A.	MAJOR (GSK)	SBEC (EP)	EVS (PB)	TAMIL (MS)	ENG. (KB)
III B.Sc.(Maths)	MAJOR (STN)	MAJOR (SSM)	MAJOR (JSM)	MAJOR (LC)	MAJOR (MG)
II B.Sc.(Maths)	TAMIL (UK)	MAJOR (JSM)	ENG. (PD)	MAJOR (RK)	ALLIED (SSM)
I B.Sc.(Maths)	PRO.ENG. (SSM)	ENG. (SRE)	Library (MG)	TAMIL (AST)	MAJOR (KC)
III B.Sc.(Micro)	MAJOR (SN)	MAJOR (SS)	←---------- MAJOR LAB (APV) ----------→		
II B.Sc.(Micro)	MAJOR (NS)	TAMIL (KST)	ALLIED (SBC)	MAJOR (NS)	ENG. (SRE)
I B.Sc.(Micro)	ENG. (MA)	ALLIED (PSK)	ALLIED (JM)	MAJOR (SS)	TAMIL (RST)
III B.Sc.(BT) – A	MAJOR (KVK)	MAJOR (X)	MAJOR (KV)	MAJOR (ML)	MAJOR (KV)
III B.Sc.(BT) – B	MAJOR (ML)	MAJOR (GD)	←---------- MAJOR LAB (X) ----------→		
II B.Sc.(BT)	ALLIED (VB)	ENG. (PKE)	TAMIL (UK)	MAJOR (KV)	ALLIED (VB)
I B.Sc.(BT)	TAMIL (TST)	ALLIED (PSK)	ALLIED (JM)	MAJOR (GD/PV)	MAJOR (KVK)
III B.Sc.(Physics)	MAJOR (PR)	MAJOR (AK)	MAJOR (KBW)	Library (SR)	SBEC (PR)
II B.Sc.(Physics)	ALLIED (AK)	ENG. (MA)	TAMIL (AST)	←----- ALLIED LAB (AK) ------→	
I B.Sc.(Physics)	ALLIED (JSM)	ENG. (SRE)	TAMIL (RST)	MAJOR (KBW)	EVS (KBW)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (NH)	MAJOR (NH)	MAJOR (SL)	MAJOR (SPC)
II B.Sc.(Chemistry)	MAJOR (NH)	ALLIED(KBW)	TAMIL (MS)	NMEC (EP)	ENG. (KP)
I B.Sc.(Chemistry)	ALLIED (JSM)	ENG. (SRE)	MAJOR (SPC)	TAMIL (AST)	MAJOR (SL)
III B.Sc.(Bioche)	MAJOR (JM)	Library (KK)	MAJOR (KK)	MINI PRO(PSK)	MINI PRO(JM)
II B.Sc.(Bioche)	ALLIED (MC)	Library (JM)	NMEC (SL)	TAMIL (UK)	ENG. (KP)
I II B.Sc.(Botany)	←---------- MAJOR LAB (DM) ----------→			MAJOR (DM)	MAJOR (DM)
II B.Sc.(Botany)	NMEC (GD)	ENG. (PKE)	TAMIL (UK)	Library (EEK)	NMEC (GD)
I B.Sc.(Botany)	TAMIL (KST)	ALLIED (SL)	MAJOR (EEK)	ENG. (KB)	EVS (EEK)

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TIMETABLE – 2020-2021 (ODD SEMESTER)

I - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (GV)	MAJOR (RSR)	MAJOR (MKE)	MAJOR (SD)	MAJOR (SCS)
II B.A. (ENG.)	TAMIL (KU)	MAJOR (PD)	MAJOR (PD)	MAJOR (ASE)	MAJOR (MRE)
I B.A. (ENG.)	MAJOR (PD)	TAMIL (RST)	MAJOR (SD)	MAJOR (MM)	MAJOR (SRE)
III BCOM	MAJOR (RUV)	MAJOR (VS)	MAJOR (MRC)	COMP. (NKC)	MAJOR (MNC)
II BCOM	MAJOR (MRC)	MAJOR (RUV)	MAJOR (MNC)	MATHS (NMM)	MAJOR (VS)
I BCOM	ENG. (RSR)	MAJOR (MNC)	TAMIL (AST)	MAJOR (RUV)	ALLIED (SSE)
III B.B.A.	MAJOR (TA)	MAJOR (ES)	MAJOR (RRB)	MAJOR (ES)	MAJOR (RRB)
II B.B.A.	MAJOR (ES)	MAJOR (SSB)	NMEC (PSE)	MATHS (KAM)	MAJOR (TA)
I B.B.A.	TAMIL (UK)	MAJOR (RRB)	ENG. (GV)	MATHS (RM)	MAJOR (SSB)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (PAC)	MAJOR (SA)	MAJOR (LR)	COMP. (GSK)
III BCOM (CA) – B	COMP. (SSN)	MAJOR (LR)	MAJOR (SAS)	MAJOR (SSCA)	MAJOR (TRM)
II BCOM (CA) – A	MAJOR (PAC)	COMP. (MC)	MAJOR (TRM)	MATHS (ARM)	NMEC (PPD)
II BCOM (CA) – B	COMP. (RSK)	MAJOR (SAS)	MATHS (SRL)	MAJOR (SSA)	MAJOR (PAC)
I BCOM (CA) – A	ENG. (ASE)	TAMIL (KU)	COMP. (SBC)	MAJOR (MRC)	MAJOR (SSCA)
I BCOM (CA) – B	MAJOR (SSA)	TAMIL (KS)	ENG. (SCS)	MAJOR (SAS)	COMP. (EP)
III B.Sc.(ELE)	MAJOR (PSE)	MAJOR (SR)	←---------- MAJOR LAB (SJP) ----------→		
III B.Sc.(CS)	MAJOR (AS)	MAJOR (EP)	MAJOR (AS)	MAJOR (EP)	MAJOR (SSN)
II B.Sc.(CS)	MAJOR (GSK)	MAJOR (SSN)	ENG. (ASE)	TAMIL (AST)	ALLIED (CD)
I B.Sc.(CS)	ENG. (SRE)	MATHS (MG)	TAMIL (RST)	←--- PLACEMENG LAB (ASC) ---→	
III B.C.A.	MAJOR (MC)	SBEC (ASC)	MAJOR (RSK)	MAJOR (RSK)	MAJOR (NKC)
II B.C.A.	MAJOR (ASC)	MAJOR (SBC)	NMEC (SSB)	ALLIED (SR)	MAJOR (AS)
I B.C.A.	MATHS (PPD)	TAMIL (MS)	ENG. (MM)	←--------- M.Sc. LAB (AS) ----------→	
III B.Sc.(Maths) – A	MAJOR (KAM)	MAJOR (JSM)	MAJOR (NMM)	MAJOR (RM)	MAJOR (ARM)
III B.Sc.(Maths) – B	MAJOR (NM)	MAJOR (LC)	MAJOR (RM)	MAJOR (STN)	MAJOR (SK)
II B.Sc.(Maths)	MAJOR (TUM)	MAJOR (SRL)	ENG. (MRE)	TAMIL (UK)	MAJOR (MG)
I B.Sc.(Maths)	ENG. (MS)	MAJOR (PPD)	MAJOR (LC)	ALLIED (PSE)	TAMIL (RMT)
III B.Sc.(Micro)	MAJOR (PA)	MAJOR (APV)	MAJOR (PAK)	MAJOR (PA)	MAJOR (PAK)
II B.Sc.(Micro)	MATHS (STN)	MAJOR (PAK)	MATHS (SK)	TAMIL (MS)	ENG. (GV)
I B.Sc.(Micro)	TAMIL (RST)	ENG. (MKE)	←----------ALLIED LAB (SKB & JM) ----------→		
III B.Sc.(BT) – A	MAJOR (SSD)	MAJOR (GD)	MAJOR (RRW)	MAJOR (GD)	MAJOR (G)
III B.Sc.(BT) – B	MAJOR (SSD)	MAJOR (G)	MAJOR (RRW)	MAJOR (GD)	MAJOR (RRW)
II B.Sc.(BT) – A	TAMIL (AST)	MATHS (RM)	ENG. (SRE)	MAJOR (G)	MATHS (RM)
II B.Sc.(BT) – B	TAMIL (RMT)	ENG. (MM)	←---------- LAB (KV) ----------→		
I B.Sc.(BT)	ENG. (MRE)	ALLIED (AN)	MAJOR (GD)	TAMIL (KU)	MAJOR (KV)
III B.Sc.(Physics)	MAJOR (CD)	MAJOR (SJP)	←---------- MAJOR LAB (SJP) ----------→		
II B.Sc.(Physics)	NMEC (NKC)	ALLIED (KDP)	TAMIL (UK)	MAJOR (KDP)	ENG. (RSR)
I B.Sc.(Physics)	TAMIL (KS)	MATHS (SK)	MAJOR (AK)	ENG. (MS)	MAJOR (AK)
III B.Sc.(Chemistry)	MAJOR (PSC)	MAJOR (SPC)	←---------- ORGANIC LAB (LB & AL) ----------→		
II B.Sc.(Chemistry)	ALLIED (SJP)	ENG. (SCS)	POLYMER (LB)	NMEC (EP)	TAMIL (RST)
I B.Sc.(Chemistry)	MAJOR (SPC)	TAMIL (RMT)	MATHS (NM)	MAJOR (PSC)	ENG. (PD)
III B.Sc.(Bioche)	MAJOR (PSK)	MAJOR (SKB)	MAJOR (SKB)	MAJOR (AN)	MAJOR (JM)
II B.Sc.(Bioche)	MAJOR (JM)	NMEC (LB)	TAMIL (KS)	ENG. (MKE)	TAMIL (TUM)
I B.Sc.(Bioche)	CHEM. (AL)	ENG. (MS)	MAJOR (JM)	MAJOR (PSK)	TAMIL (MS)

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TIMETABLE – 2020-2021 (ODD SEMESTER)

II - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (MKE)	MAJOR (GV)	MAJOR (RSR)	MAJOR (SCS)	MAJOR (SD)
II B.A. (ENG.)	MAJOR (PD)	MAJOR (ASE)	MAJOR (MRE)	MAJOR (MS)	TAMIL (KU)
I B.A. (ENG.)	MAJOR (SD)	MAJOR (MM)	MAJOR (SRE)	MAJOR (PD)	TAMIL (RST)
III BCOM	MAJOR (MNC)	MAJOR (RUV)	COMP. (PSK)	MAJOR (MRC)	MAJOR (VS)
II BCOM	MAJOR (RUV)	MAJOR (MRC)	MAJOR (VS)	MATHS (NMM)	MAJOR (MNC)
I BCOM	ALLIED (SSE)	ENG. (RSR)	MAJOR (MNC)	MAJOR (RUV)	TAMIL (AST)
III B.B.A.	MAJOR (SSB)	MAJOR (RRB)	MAJOR (ES)	MAJOR (RRB)	COMP. (ASC)
II B.B.A.	MAJOR (RRB)	MATHS (JSM)	MAJOR (SSB)	ECO. (SSE)	MAJOR (TA)
I B.B.A.	MATHS (RM)	TAMIL (UK)	MAJOR (TA)	ENG. (GV)	MAJOR (ES)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (LR)	MAJOR (SSA)	COMP. (GSK)	MAJOR (PAC)
III BCOM (CA) – B	MAJOR (SSCA)	MAJOR (TRM)	MAJOR (SAS)	MAJOR (LR)	COMP. (SSN)
II BCOM (CA) – A	MAJOR (PAC)	MAJOR (SSCA)	MATHS (ARM)	COMP. (MC)	MAJOR (TRM)
II BCOM (CA) – B	MAJOR (SAS)	MAJOR (SSA)	MAJOR (PAC)	MATHS (SRL)	COMP. (RSK)
I BCOM (CA) – A	MAJOR (MRC)	TAMIL (KU)	ENG. (ASE)	COMP. (SBC)	MAJOR (SSCA)
I BCOM (CA) – B	COMP. (EP)	TAMIL (KS)	ENG. (SCS)	MAJOR (SSA)	MAJOR (SAS)
III B.Sc.(ELE)	MAJOR (SJP)	MAJOR (SR)	MAJOR (CD)	MAJOR (CD)	MAJOR (PSE)
III B.Sc.(CS)	SBEC (SBC)	MAJOR (SSN)	MAJOR (GSK)	MAJOR (EP)	MAJOR (AS)
II B.Sc.(CS)	MAJOR (SSN)	ALLIED (CD)	TAMIL (AST)	NMEC (SSB)	ENG. (ASE)
I B.Sc.(CS)	MAJOR (ASC)	MATHS (MG)	MAJOR (ASC)	ENG. (SRE)	TAMIL (RST)
III B.C.A.	←--- PLACEMENT LAB (RSK) -----→		MAJOR (NKC)	MAJOR (SSN)	SBEC (EP)
II B.C.A.	MAJOR (NKC)	MAJOR (SBC)	ALLIED (SR)	←--------- M.Sc. LAB (NKC) ---------→	
I B.C.A.	ENG. (MM)	MAJOR (AS)	MAJOR (AS)	TAMIL (MS)	MATHS (PPD)
III B.Sc.(Maths) – A	MAJOR (NMM)	MAJOR (KAM)	MAJOR (PPD)	MAJOR (JSM)	MAJOR (ARM)
III B.Sc.(Maths) – B	MAJOR (TUM)	MAJOR (STN)	MAJOR (SK)	MAJOR (RM)	MAJOR (NM)
II B.Sc.(Maths)	MAJOR (SRL)	NMEC (LC)	TAMIL (UK)	MAJOR (MG)	ENG. (MRE)
I B.Sc.(Maths)	MAJOR (LC)	MAJOR (PPD)	ALLIED (PSE)	TAMIL (RMT)	ENG. (MS)
III B.Sc.(Micro)	MAJOR (APV)	MAJOR (APV)	MAJOR (PAK)	MAJOR (PA)	MAJOR (PAK)
II B.Sc.(Micro)	TAMIL (MS)	MAJOR (PAK)	ENG. (GV)	MATHS (STN)	MAJOR (APV)
I B.Sc.(Micro)	ALLIED (SKB)	ENG. (MKE)	TAMIL (RST)	MAJOR (X)	ALLIED (JM)
III B.Sc.(BT) – A	MAJOR (RRW)	MAJOR (SSD)	←---- (GD) -------- MAJOR LAB (RRW) ------ (KV) -------→		
III B.Sc.(BT) – B	MAJOR (KV)	MAJOR (SSD)	MAJOR (GD)	MAJOR (G)	MAJOR (KV)
II B.Sc.(BT) – A	TAMIL (AST)	ENG. (SRE)	MATHS (RM)	MAJOR (KV)	MAJOR (V)
II B.Sc.(BT) – B	MATHS (SK)	MAJOR (V)	TAMIL (RMT)	ENG. (MM)	MATHS (TUM)
I B.Sc.(BT)	TAMIL (KU)	ENG. (MRE)	←---------- ALLIED LAB (AN & PSK) ----------→		
III B.Sc.(Physics)	MAJOR (KDP)	MAJOR (AK)	MAJOR (KDP)	MAJOR (PSE)	MAJOR (SR)
II B.Sc.(Physics)	←------- ALLIED LAB (PSE) ---------→		MAJOR (AK)	ENG. (RSR)	TAMIL (UK)
I B.Sc.(Physics)	TAMIL (KS)	MAJOR (KDP)	ENG. (MS)	MATHS (SK)	MAJOR (AK)
III B.Sc.(Chemistry)	MAJOR (PSC)	MAJOR (AL)	MAJOR (LB)	MAJOR (PSC)	MAJOR (AL)
II B.Sc.(Chemistry)	ENG. (SCS)	TAMIL (RST)	←---------- ALLIED LAB (SJP) ----------→		
I B.Sc.(Chemistry)	TAMIL (RMT)	ENG. (PD)	←---------- MAJOR LAB (LB & AL) ----------→		
III B.Sc.(Bioche)	MAJOR (AN)	MAJOR (PSK)	ELEC. (AN)	MAJOR (SKB)	SBEC (PSK)
II B.Sc.(Bioche)	MATHS (MG)	MAJOR (JM)	MATHS (TUM)	TAMIL (KS)	ENG. (MKE)
I B.Sc.(Bioche)	ENG. (MS)	TAMIL (MS)	CHEM. (AL)	MAJOR (JM)	EVS. (SKB)

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TIMETABLE – 2020-2021 (ODD SEMESTER)

III - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (SCS)	MAJOR (SD)	MAJOR (MKE)	MAJOR (GV)	MAJOR (RSR)
II B.A. (ENG.)	MAJOR (PD)	MAJOR (ASE)	MAJOR (MRE)	TAMIL (KU)	MAJOR (PD)
I B.A. (ENG.)	TAMIL (RMT)	MAJOR (PD)	MAJOR (MM)	MAJOR (SD)	MAJOR (SRE)
III BCOM	MAJOR (MNC)	MAJOR (MRC)	MAJOR (VS)	MAJOR (RUV)	COMP. (AS)
II BCOM	MAJOR (MRC)	MAJOR (MNC)	MAJOR (RUV)	MAJOR (VS)	MATHS (RM)
I BCOM	MAJOR (RUV)	ALLIED (SSE)	ENG. (RSR)	TAMIL (AST)	MAJOR (MNC)
III B.B.A.	MAJOR (SSB)	MAJOR (RRB)	MAJOR (ES)	COMP. (ASC)	MAJOR (TA)
II B.B.A.	MAJOR (ES)	MAJOR (TA)	MAJOR (RRB)	MAJOR (SSB)	MATHS (KAM)
I B.B.A.	ENG. (GV)	MATHS (SRL)	TAMIL (UK)	MAJOR (RRB)	MAJOR (ES)
III BCOM (CA) –A	MAJOR (LR)	MAJOR (SSA)	MAJOR (PAC)	COMP. (GSK)	MAJOR (TRM)
III BCOM (CA) – B	MAJOR (TRM)	COMP. (SSN)	MAJOR (SSCA)	MAJOR (LR)	MAJOR (SAS)
II BCOM (CA) – A	MAJOR (PAC)	MATHS (ARM)	COMP. (MC)	NMEC (PPD)	MAJOR (SSCA)
II BCOM (CA) – B	MATHS (SRL)	COMP. (RSK)	MAJOR (SAS)	NMEC (NMM)	MAJOR (SSA)
I BCOM (CA) – A	MAJOR (KU)	MAJOR (SSCA)	COMP. (SBC)	ENG. (ASE)	MAJOR (MRC)
I BCOM (CA) – B	TAMIL (KS)	MAJOR (SAS)	MAJOR (SSA)	COMP. (EP)	ENG. (SCS)
III B.Sc.(ELE)	MAJOR (PSE)	MAJOR (CD)	←---------- MAJOR LAB (CD) ----------→		
III B.Sc.(CS)	MAJOR (GSK)	SBEC (MC)	←---------- PLACEMENT LAB (EP) ----------→		
II B.Sc.(CS)	ENG. (ASE)	MAJOR (GSK)	TAMIL (AST)	MAJOR (SSN)	ALLIED (SR)
I B.Sc.(CS)	MAJOR (ASC)	ENG. (SRE)	MAJOR (ASC)	TAMIL (RST)	MATHS (MG)
III B.C.A.	MAJOR (NKC)	SBEC (RSK)	MAJOR (RSK)	MAJOR (MC)	MAJOR (RSK)
II B.C.A.	MAJOR (SBC)	MAJOR (NKC)	←---------- ALLIED LAB (CD) ----------→		
I B.C.A.	TAMIL (MS)	MAJOR (AS)	MATHS (PPD)	MAJOR (AS)	ENG. (MM)
III B.Sc.(Maths) – A	MAJOR (KAM)	MAJOR (RM)	MAJOR (NMM)	MAJOR (JSM)	MAJOR (RM)
III B.Sc.(Maths) – B	MAJOR (LC)	MAJOR (NM)	MAJOR (RM)	MAJOR (SK)	MAJOR (STN)
II B.Sc.(Maths)	ENG. (MRE)	MAJOR (MG)	MAJOR (JSM)	TAMIL (UK)	MAJOR (SRL)
I B.Sc.(Maths)	MAJOR (PPD)	MAJOR (LC)	ENG. (MS)	TAMIL (RMT)	ALLIED (PSE)
III B.Sc.(Micro)	MAJOR (PAK)	MAJOR (APV)	MAJOR (PAK)	MAJOR (APV)	MAJOR (PA)
II B.Sc.(Micro)	MAJOR (PA)	ENG. (GV)	MATHS (STN)	MAJOR (PA)	TAMIL (MS)
I B.Sc.(Micro)	ENG. (MKE)	TAMIL (RST)	←---------- LAB (X) ----------→		MAJOR (RH)
III B.Sc.(BT) – A	MAJOR (KV)	MAJOR (SSD)	MAJOR (RRW)	MAJOR (KV)	MAJOR (G)
III B.Sc.(BT) – B	MAJOR (SSD)	MAJOR (KV)	MAJOR (RRW)	MAJOR (G)	MAJOR (KV)
II B.Sc.(BT) – A	ENG.(SRE)	TAMIL (AST)	←---------- MAJOR LAB (GD) ----------→		
II B.Sc.(BT) – B	ENG. (MM)	TAMIL (RMT)	MATHS (TUM)	MAJOR (G)	MAJOR (V)
I B.Sc.(BT)	MAJOR (GD)	MAJOR (GD)	TAMIL (KU)	ALLIED (PSK)	ENG. (MRE)
III B.Sc.(Physics)	←---------- MAJOR LAB (SR) ----------→			MAJOR (SJP)	MAJOR (KDP)
II B.Sc.(Physics)	ENG. (RSR)	TAMIL (UK)	MAJOR (AK)	NMEC (NKC)	MAJOR (AK)
I B.Sc.(Physics)	MATHS (SK)	ENG. (MS)	TAMIL (KS)	MAJOR (AK)	MATHS (SK)
III B.Sc.(Chemistry)	MAJOR (PSC)	MAJOR (AL)	←---------- INORGANIC LAB (PSC & AL) ----------→		
II B.Sc.(Chemistry)	TAMIL (RST)	ALLIED (SJP)	ENG. (SCS)	ALLIED (KDP)	MAJOR (SPC)
I B.Sc.(Chemistry)	MATHS (TUM)	MAJOR (SPC)	ENG. (PD)	MATHS (NM)	TAMIL (RMT)
III B.Sc.(Bioche)	MAJOR (JM)	MAJOR (SKB)	←---------- MAJOR LAB (JM & PSK) ----------→		
II B.Sc.(Bioche)	SBEC (SKB)	MAJOR (AN)	NMEC (LB)	ENG. (MKE)	TAMIL (KS)
I B.Sc.(Bioche)	CHEM. (AL)	MAJOR (PSK)	TAMIL (MS)	ENG. (MS)	EVS (AN)

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IV - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (SCS)	MAJOR (RSR)	MAJOR (GV)	MAJOR (SD)	MAJOR (MKE)
II B.A. (ENG.)	MAJOR (MRE)	MAJOR (PD)	MAJOR (ASE)	MAJOR (MS)	TAMIL (KU)
I B.A. (ENG.)	MAJOR (SRE)	MAJOR (SD)	MAJOR (MM)	TAMIL (RMT)	MAJOR (PD)
III BCOM	MAJOR (VS)	COMP. (SSN)	MAJOR (MRC)	MAJOR (MNC)	MAJOR (RUV)
II BCOM	MAJOR (MRC)	MATHS (NMM)	MAJOR (RUV)	MAJOR (VS)	MAJOR (MNC)
I BCOM	MAJOR (MNC)	MAJOR (RUV)	ALLIED (SSE)	ENG. (RSR)	TAMIL (AST)
III B.B.A.	MAJOR (TA)	COMP. (ASC)	MAJOR (ES)	MAJOR (SSB)	MAJOR (RRB)
II B.B.A.	MAJOR (RRB)	MAJOR (ES)	MATHS (JSM)	MAJOR (TA)	ECO. (SSE)
I B.B.A.	MATHS (SRL)	TAMIL (UK)	MAJOR (SSB)	MAJOR (ES)	ENG. (GV)
III BCOM (CA) –A	MAJOR (TRM)	COMP. (GSK)	MAJOR (LR)	MAJOR (PAC)	MAJOR (SSA)
III BCOM (CA) – B	MAJOR (SAS)	MAJOR (LR)	MAJOR (SSCA)	MAJOR (TRM)	COMP. (SSN)
II BCOM (CA) – A	MATHS (ARM)	MAJOR (SSCA)	MAJOR (PAC)	COMP. (MC)	MAJOR (TRM)
II BCOM (CA) – B	MAJOR (PAC)	MAJOR (SSA)	MAJOR (SAS)	COMP. (RSK)	MATHS (SRL)
I BCOM (CA) – A	COMP. (SBC)	ENG. (ASE)	TAMIL (KU)	MAJOR (MRC)	MAJOR (SSCA)
I BCOM (CA) – B	MAJOR (SSA)	MAJOR (SAS)	TAMIL (KS)	ENG. (SCS)	COMP. (EP)
III B.Sc.(ELE)	MAJOR (SJP)	MAJOR (CD)	MAJOR (SJP)	MAJOR (CD)	MAJOR (SR)
III B.Sc.(CS)	SBEC (NKC)	MAJOR (AS)	MAJOR (EP)	MAJOR (SSN)	MAJOR (GSK)
II B.Sc.(CS)	←---- PLACEMENT LAB (SSN) ----→		TAMIL (AST)	ALLIED (SR)	ENG. (ASE)
I B.Sc.(CS)	MATHS (MG)	TAMIL (RST)	ENG. (SRE)	←---- PLACEMENT LAB (ASC) ----→	
III B.C.A.	MAJOR (RSK)	MAJOR (RSK)	MAJOR (NKC)	SBEC (ASC)	MAJOR (MC)
II B.C.A.	NMEC (SSB)	MAJOR (SBC)	MAJOR (AS)	MAJOR (NKC)	ALLIED (CD)
I B.C.A.	MATHS (PPD)	ENG. (MM)	TAMIL (MS)	MATHS (PPD)	MAJOR (AS)
III B.Sc.(Maths) – A	MAJOR (JSM)	MAJOR (KAM)	MAJOR (PPD)	MAJOR (RM)	MAJOR (ARM)
III B.Sc.(Maths) – B	MAJOR (TUM)	MAJOR (STN)	MAJOR (NM)	MAJOR (KAM)	MAJOR (LC)
II B.Sc.(Maths)	TAMIL (UK)	ENG. (MRE)	MAJOR (LC)	MAJOR (SRL)	MAJOR (TUM)
I B.Sc.(Maths)	ENG. (MS)	TAMIL (RMT)	←---------- ALLIED LAB (PSE) ----------→		
III B.Sc.(Micro)	MAJOR (PAK)	MAJOR (PA)	←---------- MAJOR LAB (APV) ----------→		
II B.Sc.(Micro)	ENG. (GV)	TAMIL (MS)	MAJOR (PA)	MATHS (STN)	MAJOR (PA)
I B.Sc.(Micro)	ALLIED (JM)	MAJOR (X)	ENG. (MKE)	TAMIL (RST)	MAJOR (X)
III B.Sc.(BT) – A	MAJOR (KV)	MAJOR (GD)	←---------- MAJOR LAB (G) ----------→		
III B.Sc.(BT) – B	MAJOR (RRW)	MAJOR (SSD)	MAJOR (SSD)	MAJOR (KV)	MAJOR (D)
II B.Sc.(BT) – A	TAMIL (AST)	MATHS (RM)	MAJOR (GD)	ENG. (SRE)	MATHS (RM)
II B.Sc.(BT) – B	MAJOR (GD)	MATHS (TUM)	TAMIL (RMT)	MATHS (SK)	ENG. (MM)
I B.Sc.(BT)	ALLIED (AN)	TAMIL (KU)	MAJOR (KV)	ENG. (MRE)	MAJOR (GD)
III B.Sc.(Physics)	MAJOR (CD)	MAJOR (KDP)	MAJOR (AK)	MAJOR (KDP)	MAJOR (AK)
II B.Sc.(Physics)	ENG. (RSR)	ALLIED (PSE)	MAJOR (KDP)	TAMIL (UK)	MAJOR (SJP)
I B.Sc.(Physics)	MATHS (SK)	ENG. (MS)	MATHS (SK)	MAJOR (SJP)	TAMIL (KS)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (PSC)	MAJOR (SPC)	MAJOR (LB)	MAJOR (AL)
II B.Sc.(Chemistry)	TAMIL (RST)	ENG. (SCS)	←---------- MAJOR LAB (PSC & AL) ----------→		
I B.Sc.(Chemistry)	EVS (LB)	MATHS (NM)	YOGA (LB)	ENG. (PD)	TAMIL (RMT)
III B.Sc.(Bioche)	MAJOR (SKB)	SBEC (AN)	MAJOR (PSK)	MAJOR (JM)	MAJOR (PSK)
II B.Sc.(Bioche)	TAMIL (KS)	ENG. (MKE)	←---------- MAJOR LAB (AN & PSK) ----------→		
I B.Sc.(Bioche)	MAJOR (PSK)	CHEM. (AL)	CHEM. (AL)	TAMIL (MS)	ENG. (MS)

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V - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (MKE)	MAJOR (SD)	MAJOR (SCS)	MAJOR (GV)	MAJOR (RSR)
II B.A. (ENG.)	NMEC (ES)	MAJOR (PD)	TAMIL (KU)	MAJOR (ASE)	MAJOR (MRE)
I B.A. (ENG.)	MAJOR (SRE)	TAMIL (KS)	MAJOR (PD)	MAJOR (MM)	MAJOR (SD)
III BCOM	MAJOR (MRC)	COMP. (EPR)	MAJOR (RUV)	MAJOR (MNC)	MAJOR (VS)
II BCOM	MAJOR (MNC)	MAJOR (VS)	MATHS (RM)	MAJOR (MRC)	MAJOR (RUV)
I BCOM	MAJOR (RUV)	TAMIL (AST)	MAJOR (MNC)	ENG. (RSR)	ALLIED (SSE)
III B.B.A.	MAJOR (RRB)	MAJOR (TA)	COMP. (ASC)	MAJOR (ES)	MAJOR (SSB)
II B.B.A.	ECO. (SSE)	MAJOR (SSB)	MATHS (KAM)	MAJOR (RRB)	MAJOR (TA)
I B.B.A.	MAJOR (SSB)	MAJOR (ES)	ENG. (GV)	MATHS (RM)	TAMIL (UK)
III BCOM (CA) –A	MAJOR (SSA)	MAJOR (LR)	COMP. (GSK)	MAJOR (TRM)	MAJOR (PAC)
III BCOM (CA) – B	MAJOR (SAS)	MAJOR (TRM)	MAJOR (SSCA)	COMP. (SSN)	MAJOR (LR)
II BCOM (CA) – A	COMP. (MC)	MAJOR (SSCA)	MAJOR (PAC)	MATHS (ARM)	MAJOR (TRM)
II BCOM (CA) – B	MATHS (NMM)	MAJOR (PAC)	MAJOR (SSA)	MATHS (SRL)	COMP. (RSK)
I BCOM (CA) – A	ENG. (ASE)	COMP. (SBC)	MAJOR (MRC)	MAJOR (SSCA)	TAMIL (KU)
I BCOM (CA) – B	COMP. (EP)	ENG. (SCS)	MAJOR (SAS)	MAJOR (SSA)	TAMIL (KS)
III B.Sc.(ELE)	MAJOR (KDP)	MAJOR (PSE)	MAJOR (SR)	MAJOR (AK)	MAJOR (PSE)
III B.Sc.(CS)	MAJOR (SSN)	MAJOR (GSK)	MAJOR (SSN)	←----- PLACEMENT LAB (EP) -----→	
II B.Sc.(CS)	←-------- ALLIED LAB (SR) ---------→		ENG. (ASE)	TAMIL (AST)	MAJOR (GSK)
I B.Sc.(CS)	MAJOR (ASC)	TAMIL (RST)	MATHS (MG)	ENG. (SRE)	MAJOR (ASC)
III B.C.A.	MAJOR (RSK)	MAJOR (MC)	MAJOR (NKC)	MAJOR (ASC)	MAJOR (MC)
II B.C.A.	ALLIED (CD)	MAJOR (NKC)	MAJOR (AS)	MAJOR (SBC)	MAJOR (NKC)
I B.C.A.	ENG. (MM)	MAJOR (AS)	TAMIL (MS)	←--------- MAJOR LAB (AS) ---------→	
III B.Sc.(Maths) – A	MAJOR (PPD)	MAJOR (ARM)	MAJOR (JSM)	MAJOR (NMM)	MAJOR (NM)
III B.Sc.(Maths) – B	MAJOR (STN)	MAJOR (SK)	MAJOR (RM)	MAJOR (LC)	MAJOR (KAM)
II B.Sc.(Maths)	TAMIL (UK)	MAJOR (MG)	MAJOR (SRL)	ENG. (MRE)	MAJOR (JSM)
I B.Sc.(Maths)	TAMIL (RMT)	MAJOR (LC)	MAJOR (PPD)	ENG. (MS)	MAJOR (PPD)
III B.Sc.(Micro)	MAJOR (PA)	MAJOR (PAK)	MAJOR (PAK)	MAJOR (APV)	MAJOR (PAK)
II B.Sc.(Micro)	ENG. (GV)	TAMIL (MS)	←---------- MAJOR LAB (PA) ----------→		
I B.Sc.(Micro)	MAJOR (X)	ENG. (MKE)	TAMIL (RST)	ALLIED (SKB)	MAJOR (RH)
III B.Sc.(BT) – A	MAJOR (KV)	MAJOR (G)	MAJOR (GD)	MAJOR (G)	MAJOR (SSD)
III B.Sc.(BT) – B	←---------- M.SC. LAB (RRW) ----------→			MAJOR (GD)	MAJOR (G)
II B.Sc.(BT) – A	MAJOR (GD)	MATHS (RM)	TAMIL (AST)	MAJOR (SSD)	ENG. (SRE)
II B.Sc.(BT) – B	MATHS (SK)	MAJOR (GD)	ENG. (MM)	TAMIL (RMT)	MATHS (SK)
I B.Sc.(BT)	TAMIL (KU)	ENG. (MRE)	←---------- MAJOR LAB (KV) ----------→		
III B.Sc.(Physics)	MAJOR (AK)	MAJOR (SJP)	MAJOR (CD)	MAJOR (SR)	MAJOR (SJP)
II B.Sc.(Physics)	MAJOR (PSE)	ENG. (RSR)	TAMIL (UK)	MAJOR (SJP)	MAJOR (AK)
I B.Sc.(Physics)	TAMIL (KS)	ENG. (MS)	←---------- MAJOR LAB (KDP) ----------→		
III B.Sc.(Chemistry)	MAJOR (LB)	MAJOR (AL)	←---------- PHYSICAL LAB (SPC) ----------→		
II B.Sc.(Chemistry)	MAJOR (SPC)	ALLIED (KDP)	MAJOR (PSC)	TAMIL (RST)	ENG. (SCS)
I B.Sc.(Chemistry)	ENG. (PD)	YOGA (LB)	TAMIL (RMT)	MAJOR (PSC)	MATHS (TUM)
III B.Sc.(Bioche)	MAJOR (JM)	MAJOR (SKB)	MAJOR (AN)	MAJOR (PSK)	MAJOR (AN)
II B.Sc.(Bioche)	MAJOR (AN)	MATHS (TUM)	TAMIL (KS)	ENG. (MKE)	MATHS (MG)
I B.Sc.(Bioche)	ENG. (MS)	TAMIL (MS)	←---------- MAJOR LAB (SKB & JM) ----------→		

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TIRUCHENGODE - 637 205.

SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE.

TIMETABLE – 2020-2021 (ODD SEMESTER)

VI - DAY ORDER

CLASS	I Hour	II Hour	III Hour	IV Hour	V Hour
III B.A. (ENG.)	MAJOR (SD)	MAJOR (MKE)	MAJOR (SCS)	MAJOR (RSR)	MAJOR (GV)
II B.A. (ENG.)	MAJOR (ASE)	TAMIL (KU)	MAJOR (PD)	MAJOR (MRE)	NMEC (ES)
I B.A. (ENG.)	MAJOR (MM)	TAMIL (KS)	MAJOR (SD)	MAJOR (SRE)	MAJOR (PD)
III BCOM	MAJOR (MNC)	MAJOR (VS)	MAJOR (RUV)	COMP. (MC)	MAJOR (MRC)
II BCOM	MATHS (NMM)	MAJOR (MRC)	MAJOR (MNC)	MAJOR (VS)	MAJOR (RUV)
I BCOM	ENG. (RSR)	TAMIL (AST)	MAJOR (MRC)	MAJOR (MNC)	ALLIED (SSE)
III B.B.A.	MAJOR (TA)	MAJOR (RRB)	MAJOR (ES)	MAJOR (SSB)	COMP. (ASC)
II B.B.A.	MAJOR (RRB)	ECO. (SSE)	NMEC (PSE)	MATHS (KAM)	MAJOR (TA)
I B.B.A.	MATHS (RM)	MAJOR (ES)	TAMIL (UK)	ENG. (GV)	MAJOR (RRB)
III BCOM (CA) –A	MAJOR (TRM)	MAJOR (SSA)	MAJOR (PAC)	MAJOR (LR)	COMP. (GSK)
III BCOM (CA) – B	MAJOR (SAS)	MAJOR (LR)	MAJOR (TRM)	COMP. (SSN)	MAJOR (SSCA)
II BCOM (CA) – A	MAJOR (PAC)	MAJOR (SSCA)	MATHS (ARM)	MAJOR (TRM)	COMP. (MC)
II BCOM (CA) – B	MAJOR (SSA)	MAJOR (SAS)	MATHS (SRL)	COMP. (RSK)	MAJOR (PAC)
I BCOM (CA) – A	COMP. (SBC)	MAJOR (RUV)	TAMIL (KU)	MAJOR (SSCA)	ENG. (ASE)
I BCOM (CA) – B	COMP. (EP)	ENG. (SCS)	TAMIL (KS)	MAJOR (SSA)	MAJOR (SAS)
III B.Sc.(ELE)	MAJOR (SJP)	MAJOR (PSE)	MAJOR (SR)	MAJOR (PSE)	MAJOR (CD)
III B.Sc.(CS)	MAJOR (AS)	MAJOR (SSN)	SBEC (NKC)	MAJOR (GSK)	MAJOR (EP)
II B.Sc.(CS)	MAJOR (GSK)	NMEC (SSB)	ENG. (ASE)	TAMIL (AST)	MAJOR (SSN)
I B.Sc.(CS)	MAJOR (ASC)	ENG. (SRE)	MAJOR (ASC)	MATHS (MG)	TAMIL (RST)
III B.C.A.	MAJOR (NKC)	MAJOR (MC)	←---------- PLACEMENT LAB (RSK) ----------→		
II B.C.A.	ALLIED (CD)	MAJOR (GSK)	←---------- M.Sc. LAB (NKC) ----------→		
I B.C.A.	TAMIL (MS)	MATHS (PPD)	MAJOR (AS)	ENG. (MM)	MATHS (PPD)
III B.Sc.(Maths) – A	MAJOR (NM)	MAJOR (JSM)	MAJOR (KAM)	MAJOR (ARM)	MAJOR (NMM)
III B.Sc.(Maths) – B	MAJOR (STN)	MAJOR (RM)	MAJOR (TUM)	MAJOR (LC)	MAJOR (SK)
II B.Sc.(Maths)	MAJOR (JSM)	MAJOR (SRL)	ENG. (MRE)	TAMIL (UK)	MAJOR (MG)
I B.Sc.(Maths)	MAJOR (LC)	ENG. (MS)	TAMIL (RMT)	MAJOR (PPD)	ALLIED (SR)
III B.Sc.(Micro)	MAJOR (APV)	MAJOR (PAK)	←---------- MAJOR LAB (PAK) ----------→		
II B.Sc.(Micro)	MATHS (SK)	MAJOR (PA)	ENG. (GV)	TAMIL (MS)	MATHS (STN)
I B.Sc.(Micro)	MAJOR (RH)	TAMIL (RST)	ALLIED (SKB)	MAJOR (X)	ENG. (MKE)
III B.Sc.(BT) – A	MAJOR (RRW)	MAJOR (SSD)	MAJOR (GD)	MAJOR (KV)	MAJOR (GD)
III B.Sc.(BT) – B	MAJOR (RRW)	MAJOR (SSD)	←----- (GD) --------- MAJOR LAB (KV) -------- (GD) ------→		
II B.Sc.(BT) – A	TAMIL (AST)	MAJOR (V)	ENG. (SRE)	MATHS (RM)	MAJOR (G)
II B.Sc.(BT) – B	TAMIL (RMT)	ENG. (MM)	MAJOR (KV)	MAJOR (G)	MAJOR (V)
I B.Sc.(BT)	ALLIED (PSK)	ENG. (MRE)	MAJOR (G)	ALLIED (AN)	TAMIL (KU)
III B.Sc.(Physics)	MAJOR (AK)	MAJOR (SJP)	MAJOR (KDP)	MAJOR (CD)	MAJOR (SJP)
II B.Sc.(Physics)	TAMIL (UK)	ENG. (RSR)	←-------- MAJOR LAB (AK) ---------→		TAMIL (UK)
I B.Sc.(Physics)	TAMIL (KS)	MAJOR (AK)	MATHS (SK)	MAJOR (KDP)	ENG. (MS)
III B.Sc.(Chemistry)	MAJOR (SPC)	MAJOR (AL)	MAJOR (LB)	MAJOR (SPC)	MAJOR (PSC)
II B.Sc.(Chemistry)	TAMIL (RST)	NMEC (EP)	MAJOR (PSC)	ENG. (SCS)	MAJOR (SPC)
I B.Sc.(Chemistry)	MAJOR (PSC)	ENG. (PD)	MATHS (NM)	TAMIL (RMT)	MATHS (TUM)
III B.Sc.(Bioche)	ELECT. (SKB)	MAJOR (PSK)	←---------- MAJOR LAB (JM & PSK) ----------→		
II B.Sc.(Bioche)	MAJOR (JM)	MAJOR (AN)	ENG. (MKE)	SBEC (SKB)	TAMIL (KS)
I B.Sc.(Bioche)	ENG. (MS)	TAMIL (MS)	←---------- ALLIED LAB (LB & AL) ----------→		

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PG DEPARTMENT OF CORPORATE SECRETARYSHIP

CLASS TIME TABLE (2020-2021 EVEN SEMESTER)

I- M.COM.C.S

D/0	1	2	3	4	5
I	NSC	SSE	SSE	MP	NSC
II	MP	NSC	NSC	SSE	SSE
III	NSC	NSC	BP	MP	SSE
IV	SSE	NSC	BP	NSC	MP
V	NSC	MP	SSE	NSC(LIA)	BP
VI	NSC	SSE	NSC	BP	MP

II- M.COM.C.S

D/0	1	2	3	4	5
I	MP	NSC	MP	PROJECT	
II	NSC	MP	MP	PROJECT	
III	MP	MP	NSC	PROJECT	
IV	NSC	MP	MP	PROJECT	
V	MP	NSC	MP	PROJECT	
VI	MP	NSC	MP(LIA)	PROJECT	

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CLASS TIME TABLE (2020-2021 ODD SEMESTER)

I- M.COM.C.S

D/0	1	2	3	4	5
I	MP	NSC	MP	NSC	MP
II	NSC	MP	NSC	MP	NSC(LIA)
III	MP	NSC	MP	NSC	MP
IV	NSC	MP	NSC	MP	NSC
V	MP	NSC	NSC	MP	NSC
VI	MP	MP	NSC	MP	NSC

II- M.COM.C.S

D/0	1	2	3	4	5
I	NSC	MP	RB	MP	NSC(LIA)
II	MP	RB	MP	NSC	MP
III	NSC	MP	NSC	LAB	LAB
IV	MP	NSC	MP	NSC	MP
V	NSC	RB	MP	NSC	MP
VI	RB	NSC	MP	NSC	MP

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PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Staff Timetable For Odd Semester (2020-2021)

Mrs.R.Bharathi

Hour / DO	I	II	III	IV	V
I	II M.Sc(CS)		I MCA		I M.Sc(CS)
II	II M.Sc(CS)	II M.Sc(CS)			
III	I MCA	I M.Sc(CS)	II M.Sc(CS)		
IV	II M.Sc(CS)		II M.Sc(CS)		
V			I MCA	I M.Sc(CS)	
VI		I MCA			I M.Sc(CS)

Mrs.T.Gayathri

Hour / DO	I	II	III	IV	V
I	I MCA	I M.Sc(CS)	I M.Com	I M.Sc(CS)	
II	I M.Sc(CS)		I M.Com	I MCA	
III			I M.Sc(CS)	I MCA	I M.Com
IV		I MCA	I M.Sc(CS)	I MCA	
V	I MCA		I M.Sc(CS)		I MCA
VI	I M.Com	I M.Sc(CS)	I MCA		

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Mrs.P.Gayathridevi

Hour / DO	I	II	III	IV	V
I	I M.Sc(CS)	I MCA	I M.Sc(CS)	I MCA	
II	I MCA	I M.Sc(CS)		I M.Sc(CS)	
III	I M.Sc(CS)	I MCA		I MCA	I M.Sc(CS)
IV	I MCA	I M.Sc(CS)		I M.Sc(CS)	
V	I M.Sc(CS)	I M.Sc(CS)			
VI	I MCA		I M.Sc(CS)	I M.Sc(CS)	

Dr.J.K.Kanimozhi

Hour / DO	I	II	III	IV	V
I		II M.Sc(CS)	II M.Sc(CS)		I MCA
II	I MCA		I MCA	II M.Sc(Maths)	
III	II M.Sc(CS)			I M.Sc(CS)	
IV	I M.Sc(CS)	II M.Sc(CS)	I MCA	II M.Sc(Maths)	
V		I MCA		I MCA	I M.Sc(CS)
VI	I M.Sc(CS)		II M.Sc(Maths)	I MCA	

R. Bruntha
HOD

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PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Staff Timetable For Even Semester (2020-2021)

Mrs.R.Bharathi

Hour / DO	I	II	III	IV	V
I	II M.Sc(CS) CC		I MCA AOS		I M.Sc(CS) ACN
II	II M.Sc(CS) CC	II M.Sc(CS) CC			
III	I MCA AOS	I M.Sc(CS) ACN	II M.Sc(CS) CC		
IV	II M.Sc(CS) WT		II M.Sc(CS) CC		
V			I MCA AOS	I M.Sc(CS) ACN	
VI		I MCA AOS			I M.Sc(CS) ACN

Mrs.T.Gayathri

Hour / DO	I	II	III	IV	V
I	I MCA DMT	I M.Sc(CS) DM	I M.Com EC	I M.Sc(CS) WT Lab	
II	I M.Sc(CS) DM		I M.Com EC	I MCA DM Lab	
III			I M.Sc(CS) HR	I MCA DMT	I M.Com EC
IV		I MCA HR	I M.Sc(CS) DM	I MCA DM LAB	
V	I MCA DMT		I M.Sc(CS) WT Lab		I MCA HR
VI	I M.Com EC	I M.Sc(CS) DM	I MCA DMT		

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Mrs.P.Gayathridevi

Hour / DO	I	II	III	IV	V
I	I M.Sc(CS) SM	I MCA WS	I M.Sc(CS) CD	I MCA SM	
II	I MCA WS	I M.Sc(CS) DM Lab		I M.Sc(CS) CD	
III	I M.Sc(CS) CD	I MCA Python Lab			I M.Sc(CS) & I MCA SM
IV	I MCA WS	I M.Sc(CS) HR		I M.Sc(CS) DM Lab	
V	I M.Sc(CS) SM	I M.Sc(CS) WT Lab			
VI	I MCA WS		I M.Sc(CS) SM	I M.Sc(CS) CD	

Dr.J.K.Kanimozhi

Hour / DO	I	II	III	IV	V
I		II M.Sc(CS) WT	II M.Sc(CS) WT		I MCA Python
II	I MCA Python		I MCA SM	II M.Sc(Maths) C++ Lab	
III	II M.Sc(CS) WT			I M.Sc(CS) AWT	
IV	I M.Sc(CS) AWT	II M.Sc(CS) WT	I MCA Python	II M.Sc(Maths) C++ Lab	
V		I MCA SM		I MCA Python	I M.Sc(CS) AWT
VI	I M.Sc(CS) AWT			II M.Sc(Maths) C++ Lab & I MCA Python lab	

R.B[illegible]
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: IC's and Their Applications **Regulation : 2019-2020**
Class :III B.Sc Electronics and Communication **Paper code:19UEL06**
Prepared By :A.Kumaresan

Part-A (1 mark)

1.An IC contains_____?

a)Passive elements b)Active elements c)Both Passive and Active elements d)None

2.The most complicated component fabricated on IC is_____?

a)Diode b)Resistor c)Transistor d)Conductor

3.The bottom layer of an IC serves as?

a)Connector layer b) Insulating layer c)Substrate d)None

4.The most popular and most widely used IC family is

a)TTL b)IIL c)ECL d)CMOS

5.The fastest saturated logic family is

a)TTL b)IIL c)ECL d)CMOS

6.The output is complementary of the input in

a)TTL b)IIL c)ECL d)CMOS

7.The Op-Amp can amplify

a)A.C. signals only b) D.C. signals only c) Both A.C. and D.C. d) None

8.A differential amplifier_____

a) is a part of an Op-amp b)has one input and one output c)has two outputs d)Both a and b

9.A common mode signal is applied to_____

a) the noninverting input b)the inverting input c)both inputs d) none

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10.The type of filter which passes all frequencies within the band width is called

a)LPF b)HPF c)BPF d)BSF

11.A third order filter will have a roll off rate of

a) 20 dB/decade b) 40 dB/decade c) 60 dB/decade d)30 dB/decade

12.What is a filter?

a)Frequency selective circuit b)Amplitude selective circuit

c)Frequency damping d)Amplitude damping

13.A multivibrator is a circuit which generates

a)Square wave b)Sine wave c)Triangular wave d) Sawtooth wave

14.The most popular IC used in timing circuit is

a)555 b)741 c)LM317 d)7400

15.The 555 timer IC can have operating modes as

a) Astable b) Bistable c) Monostable d) All the above

Part –B (5 marks)

1.Briefly explain about the steps involved in fabrication of capacitor.

2.Write a short notes about thick film technoclogy.

3. Explain I^2L logic with neat sketch.

4.Write a short note on ECL logic family.

5.Discuss about the parameters of ideal operational amplifier.

6.Draw the circuit diagram of a Non-inverting amplifier uaing IC 741.

7.Briefly explain the op.amp as comparator.

8.Write a short note about Schmitt triggers.

9.What are the basic principle of PLL.

10.Draw a circuit using IC 566 for waveform generation.

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Part-C (10 marks)

1.With neat diagram explain the various steps involved in the fabrication of IC

2.Discuss the fabrication of MOSFET in an IC with necessary diagram.

3.Explain TTL logic working with neat sketch

4.Discuss the basic operation of ECL logic and also list out advantages and disadvantages of ECL.

5.Explain OP-Amp multiplier and divider circuits with suitable examples.

6.Draw the circuit diagram of Op-Amp differentiator and derive an expression for the output.

7.Discuss the basic operations of narrow band pass filter.

8.Elucidate the working of first order High Pass Filter.

9.Explain the working of timer 555 in astable mode.

10.Draw the architecture of timer (555) and explain various blocks.

S.RAVIKUMAR M.Sc.,M.Phil.,P.G.D.C.A.,
H.O.D.
Dept.of Electronics & Communication,
Sengunthar Arts & Science College,
TIRUCHENGODE - 637 205.

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Subject Name:Electronic Communication System **Regulation : 2019-2020**

Class :III B.Sc Electronics and Communication **Paper code:19UEL05**

Prepared By :S.Ravikumar

Part – A (1 mark)

1.Which type of ground wave travels over the earth surface by acquiring direct path through air from transmitting to receiving antenna

a)Surface wave b)Space wave c) Both and b d)None of these

2.Name the ionization layer that exists during day time and usually vanish at night due to highest recombination rate

a)Appleton region b)D region 3)Normal E region 4)Sporadic E region

3.Microwave signals are not used for ionosphereic propagation, the reason is

a)Ionospheric layer absorve microwave tremendously b)Drastic dispersion takes place for microwave signals in ionosphere c)Scattering prevents propagation of microwave through ionosphere d)Microwave penetrate through ionosphere layer

4. In amplitude modulation

a)Change in amplitude of the carrier according to modulating signal b) Change in frequency of the carrier according to modulating signal c)Change in amplitude of modulating signal according tp carrier signal d)Change in amplitude of the carrier according to modulating signal frequency

5.The modulation technique that uses the minimum channel bandwidth and transmitted power is

a)FM b)DSB - SC c)VSB d)SSB

6.Angle modulation are

a)FM,AM b)FM,PM c)AM,PM d)None of these

7.The type of analog modulation are

a)PM b)AM c)FM d)All of these

8.Modulation index of FM should be

a)Greater than one b)Equal to one c)Less than 0.5 d)all of these

9.Bandwidth requirement of FM is

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a)Equal to AM b)Greater than one c)Less than AM d)None of the above

10.In a radio receiver, noise is generally developed at

a)IF stage b)Receiver c)RF signal d)None of these

11.Fiedelity prefers

a)Equally amplifies all the signal frequencies at receiver b)Ability of receiver to select wanted signal from various incoming signal c)Minimum magnitude of input signal required to produced a specified output d)Ability of amplify the weak signals

12.Which oscillator is used as a local oscillator in radio receiver

a)Wien bridge b)Hartley c)Crystal d)Phase shift

13.In ASK modulation the modulating signal is

a)High frequency analog signal b)Digital signalc)Low frequency analog signal d)Both a and c

14.Quantizing noise occurs in

a)TDM b)FDM c)PCM d)PWM

15.One of the following system is analog

a)PCM b)Delta modulation c)Differential PCM d)PAM

Part – B (5 marks)

1.Explain the groundwave communication.

2. Explain the structure of atomosphere

3.Write a notes on modulation index.

4.Discuss about vestigial side band transmission

5.Describe the worling of co channel interference.

6.Write a notes on frequency spectrum of FM signal.

7.Write short notes on double heterodyne receiver.

8.Explain about automatic gain control (AGC).

9.Write a notes on pulse position modulator.

10.Explain the working principal of PAM.

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Part – C (10 marks)

1.With neat sketch explain space and sky wave propagation .

2.Write a notes on skip distance

3.Discuss the spectrum of AM signal.

4.Explain the working balanced modulator.

5.Explain – Direct method of FM generation.

6.Explain about pre-emphasis.

7.Draw the block diagram of super hydrosdyne receiver and explain it.

8.Explain the working principle of de-emphasis

9.Explain – Pulse code modulation technique.

10.Explain about ASK modulation and demodulation.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: 8085 Microprocessor and Interfacing **Regulation : 2019-2020**

Class : II-B.Sc., Electronics and Communication **Paper code:19UEL04**

Prepared By :S.Ravikumar

Part A (1 mark)

1.----- of the following is not a data copy / transfer instruction.

a)MOV b)PUSH c)DAS d)POP

2.-------instruction that involve various string manipulation operation

a)Branch b)Flag manipulation c)Shift and rotate d)String

3.The storage in which the CPU fetches the instruction from the instruction cache in superscalar organization is ----

a)Prefetch stage b)D1 stage c)D2 stage d)Final stage

4.The stack follows the sequence

a)FIFO B)FILO c)LIFO d)LIFO

5.----------of the following is not a valid instruction type.

a)Increment by 1 b)Decrement by 1 c)Increment by 2 d)Decrement by 2

6.----------of the following is not a valid instruction type.

a)Zero operand b)Single operand c)Two operand d)None of the above

7.----------of the following instruction is not valid.

a)MOV AX,BX b)MOV DS,5000H c)MOV AX,5000H d)PUSH AX

8.Which of the following is not an addressing mode of 8051?

a)Register b)Register specific c)Indexed d)None

9.The instruction that pushes the contents of the specified register/memory location on to the stack is ---------

a)PUSHF b)POPF c)PUSH d)POP

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10.The input and output operations are respectively similar to the operations

a)Read, Read b)Write, Write c)Read, Write d)Write, Read

11.All the functions of the ports of 8255 are achieved by programming the bits of an internal register called

a)Data bus control b)Read logic control c)Control word register d)None

12.In BSR mode, only port C can used to

a)Set individual ports b)Reset individual ports c)Set and reset individual ports

d)Programmable I/O ports.

13.Dac finds application in

a)Digitally controlled gains b)Motor speed controls c)Programmable gain amplifiers

d)All of the above

14.In ADC 0808 / 0809 IC-----pin is used to select step size.

a)Vref b)Vin c)Vref/2 & Vin d)None

15.The device that is used to obtain an accurate position control of rotating shafts interms of steps is----

a)DC motor b)AC motor c)Stepper motor d)Servomotor

Part B (5 Marks)

1.Describe the major fetching and decoding of an instruction

2.Give the brief study of EPROM 2764.

3.Discuss the arithmetic operation related to memory.

4.Write a program to add two 8-bit numbers.

5.Describe the instruction format of 8085.

6.Write the delay subroutine and calculate delay calculations.

7.Explain the interfacing of switches with 8085.

8.Explain the interfacing of switches with 8085.

9.Describe the features of DAC 0800.

10.Describe a 4X4 matrix keyboard.

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Part C (10 Marks)

1.Describe the internal architecture of 8085, with a neat block diagram.

2.Explain about memory mapping for a 8K memory chip.

3.Explain the arithmetic and logical instructions of 8085.

4.Explain the data transfer instruction of 8085.

5.Discuss the addressing modes of 8085 with suitable example.

6.Explain the timing diagram of IN and OUT instruction.

7.Draw the block diagram of 8255 and describe the architecture.

8.Explain the interfacing of seven segment display with 8085.

9.Describe an 8085 based stepper motor control system.

10. Describe the keyboard interface with 8085.

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Department of Electronics and Communication

Subject Name: Major -8051 Microcontroller and Interfacing **Regulation : 2019-2020**

Class :III BSc Electronics and Communication **Paper code:19UELE01**

Prepared By :P.Rameshkumar

Part - A

1.The internal RAM and ROM size of 8051 are

a)32 byte, 2 kilobyte b)64 byte, 4 kilobyte c)128 byte, 4 kilobyted)none of these

2.The 8051 has ---------- 16 bit timer / counter

a)1 b)2 3)3 4)4

3.The 8051 can handle ----------interrupt sources

a)3 b)4 c)5 d)6

4.The size of Program counter in 8051 is

a)4 bits b)8 bits c)24 bits d)16 bits

5.The 8051 have

a)2 register banks b)3 register banks c)4 register banks d)None of these

6.The function of port 1 in 8051 is

a)I/O function only b)I/O and lower order address and data lines c) I/O and higher order address d)None of these

7.The function of EA pin in 8051 is

a)Access internal memory b)Access external memory c)Both a and b d)None of these

8..The register used for MUL and DIV function is

a)R0 and R1 b)A and Ro c)A and B d)A and R7

9.The 8051 has---------- bit addressable memory location.

a)8 b)24 c)16 d)None of these

10.When 8051 wakes up then 0000H is loaded to which register?

a)PSW b)SP c)PC d)None of these

11.On power up, the 8051 uses which RAM locations for register R0-R7

a)00-2F b)00-07 c)00-7F d)00-0F

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12.SCON in serial port is used for which operation?

a)Transferring data b)Receiving data c)Controlling d)Controlling and transferring

13.The DAC is

a)Decimal to Analog Converter b) Digital to Analog Converter c) Decimal to Antilog Conversion d)None of these

14.The ADC is

a)Analog to Digital Converter b)Amplitude to Digital Converter c)Analog to Decimal Converter d)None of these

15.The PWM is

a)Phase Width Modulation b)Phase wide Modulation c)Pulse width Modulation d)None of these

Part – B (5 marks)

Answer any three questions.

1.Explain the structure of RAM.

2.Write a notes on special function register.

3.Explain the 8051 assembly language instruction for bit manipulation.

4..List out the different addressing modes of and 8051 and explain it.

5.Describe stack in 8051.

6.Briefly explain about seven segment interfacing with 8051.7..Describe the function of LCD.

7.Explain the operation of DC motor.

8 Briefly explain about interfacing of DC motor with 8051.

9.Explain the working of static RAM.

10. Write a notes on pseudo static RWM.

Part – C (5 marks)

1.Draw the architecture of IC8051 and explain it. (or)

2.Explain about Internal RAM structure of 8051.

3.Explain about the bit handling instructions set of 8051. (or)

4. Write ALP for arranges the numbers in ascending order.

5.Explain about the interfacing of matrix keyboard with 8051. (or)

6.Explain about the interfacing of LCD with 8051.

7.Explain the interfacing of ADC with of 8051. (or)

8.Explain the interfacing of stepper motor with of 8051.

9.Explain the interfacing of static RWM (6264). (or)

10.Explain the interfacing of EPROM (2764) with of 8051.

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Department of Electronics and Communication

Subject Name: Applied Digital Electronics **Regulation : 2019-2020**

Class :II BSc Electronics and Communication **Paper code:19UEL02**

Prepared By :P.Ravikumar

PART A (1 mark)

1. Which of the following is the example of digital electroniocs
   a. Computers b. Information appliances c. Digital camares d. All of the above
2. Which of the following is digital logic circuit
   a. Combinational logic circuit. B. Sequencial logic circuit c. Both a&b d none
3. Which of the following is under the non saturated logic family in digital electronics
   a. Ecl b. Htl c iil d dtl
4. Logic gates can be used to add more than one bit simultaneously
   a. Full adder b. Ripple carry adder c. Half adder d. Serial adder
5. What value is to be considered for don't care condition
   a. Zero` b. One c. Either zero or one d. Any except zero and one
6. Which of the FFs can not be used to construct serial shif register
   a. D FF b. SR FF c. JK FF d. T FF
7. The other name of IIL
   a. Merged transistor logic b. Emitter coupled logic c. HTL d. RTL
8. Which of the following is a sequential code
   a. 8421 b. 2421 c.5421 d. 2441
9. 4*1 multiplexer
   a. 4 three input AND gate b. 4 two input AND gate c. 1 three input AND gate. D. None of the above.
10. The universal gate is
    a. NAND b. OR c. NOT d. EX OR
11. Positive logic in a logic circuit is one which
    a. Logic zero and represented by zero

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b. Logic zero and negative represented by negative

c. Logic zero level voltage is higher than logic one voltage

d. Logic zero voltage level is lower than logic one voltage level.

12. Digital circuit can be made by the reapeted use of

a. OR b. NAND c. NOT d. None

13. The inveter is

a. NOT b. OR c. NAND d. NOT

14. A debounce circuit is

a. Astablle MV b. Mono stable MV c. Latch d. None

15. In Boolean algebra the bar sign indicates

a. OR b.AND c. NOT d. None of the above

Section B (5 marks)

1.Explain decimal to Hexa decimal conversion with example.

2.Conver the following binary number in to gray code. a)11001010 b)10000101

3.Perofrm the following subtraction using 2's complement arithmetic 32-30.

4.State and prove Demorgan's theorem.

5.Prove the NAND gate is universal gate.

6.Explain the function half adder.

7.Exolain the working of D – flip flop.

8.Draw the logic diagram of a 4 bit ring counter and explain the operation.

9.Draw the operation of a parallel comparatoe type ADC.

10.Describe the features of DAC 0800 IC.

Section C (10 marks)

1.Perform the following conversions. a)$(544)_{10}$=-----$_2$ b)$(18f)_{16}$=------s_{10} c)$(11010101)_2$=----$_8$

2.Explain the following numbering system with example.

a)BCD b)Gray code c)Excess 3-code 4)ASCII code.

3.Simplify the following logic function using k – maps. Y=Σ m(0,1,2,3,11,12,14,15)

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4. State the Demorgan's theorem and explain it.

5.Explain the function of a priority encoder.

6.Explain the function of 8x1 multiplexer.

7.Draw the logic diagram of a hexadecimal up counter and explain its working.

8.Explain about Master – Slave flip flop.

9.Explain the working of R-2R ladder type DAC.

10.Explain about Successive approximation method ADC.

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Department Of Electronics and Communication

Subject Name: Major - Electronic Circuits **Regulation : 2019-2020**

Class :II B.Sc Electronics and Communication **Paper code:19UEL03**

Prepared By :S.Ravikumar

Part – A (1 mark)

1.The Rectifier circuit converts

a) DC in to AC b)DC in to DC 3)AC in to DC d) None of these

2.Bridge rectifier consists of

a)1 diode b)2 diodes c)4 diodes d)None of these

3. The main function of a clipping circuit is to

a)Remove the certain portion of input signalb)Restore the DC level to the signal c)Suppress amplitude variations in the input signal d) Both a and c

4.The clamper circuit is used to

a)Introduce a dc level to ac level b)Suppress variations in amplitude of the input signal

c)Obtain an output which is integral of the input signal d) None of these

5.The gain of a cascaded amplifier is equal to the

a)Product of individual gains b)Sum of individual gains c)Ratio of stage gains d) None of these

6.The advantages of the direct coupled amplifier is that

a)It uses less number of componentsb)It has a very good temperature stability c)It does not use frequency sensitive components d) It can amplify direct current and low frequency signals

7.The current series feedback amplifier, the input resistance

a)Increases b)Decreases c)Rmains unchanged d) None of these

8.Feedback in an amplifier always helps to

a)Control its output b)Increase its gain c)Decrease its input resistance d) Stabilize its gains

9.Free running oscillator is

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a)Monostable multivibrator b)Astable multivibrator c)Bistable multivibrator d) Both a and b

10. A square pulse has a mark – space ratio is

a)1:1 b)1:2 c)2:1 d)1:4

11.Peak inverse voltage of center tapped full wave rectifier

a)Vm b)2Vm c)3Vm d)None of these

12.IC 78XX is

a)Fixed voltage regulator b)Variable voltage regulator c)Both a and b d)None of these

13.Higher the value of stability refers

a)Good stability b)Poor stability c)Moderate stability d)None of these

14.---------- are used for bias compensation in transistor circuit

a)Resistor b)Rectifier diode c)Thermister d)Both a and c

15.The output of a class B amplifier

a)Is distortion free b)Consists of positive half cycle c)Is like the output of fullwave rectifier

d)Comprises short duration current pulses

Part – B (5 marks)

1.Briefly explain about half wave rectifier

2.Explain the working of CLC filter.

3.With a neat block diagram, explain the function of UPS.

4.What is thermal runaway and explain?

5.Explain the base biasing method .

6.Draw the circuit diagram for the class A amplifier and explain.

7.Draw the circuit diagram for the class C amplifier and explain.

8.Explain about positive and negative feed back.

9.Write the impact on gain ,distortion and noise of negative feedback.

10.With circuit diagram explain the function of Hartley oscillator.

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Part – C (10 marks)

1.Explain the function of bridge rectifier with circuit diagram.

2.Describe the function of pi filter with circuit diagram.

3.Explain the function of voltage divider biasing method.

4.Explain the function of voltage doubler, tripler and quadrupler

5.Draw the circuit diagram of push pull amplifier and explain its working

6.Explain the function of RC coupled amplifier with frequency response curve.

7. Describe the effect of negative feedback on gain, bandwidth, distortion, input and output impedance.

8.List out the various types of negative feedback amplifier with necessary circuit diagram

9.Explain the function of crystal oscillator with circuit diagram.

10.Explain about astable multivibrator using transistor.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name:SBEC – Applied Electric Circuits **Regulation : 2019-2020**

Class : I BSc., Electronics and Communication **Paper code:19UELS01**

Prepared By :S.Ravikumar

Section – A (1 mark)

1.The rating of electrolytic capacitor is measured in

a)Farads b)Ohms c)Amps d)Resistance

2.A resister having colour bands of Brown, Black, Red and Gold. Find the resistance value

a)100 ohm b)1K ohm c)4.7K ohm d)10K ohm

3.Which of the following is an active component?

a)Vacuum b)Capacitors c)Semiconductor devices d)Inductors

4.The algebraic sum of voltage in any closed path of network is equal to

a)Infinity b)Zero c)Two d)One

5.Kichhoff's current law states that

a)Net current flow at the junction is positive b)Algebraic sum of the currents meeting at the junction is zero c)No current can leave the junction without some current entering it. d)Total sum of current meeting at the junction is zero.

6.In a ------circuit, the total resistance is greater than thelargest resistance in the cicuit.

a)Series b)Parallel c)Either series or parallel d)Neither series nor parallel

7.Thevenin resistance is found by

a)Shorting all voltage sources 2)Opening all current sources c)Shorting all voltage sources and opening all current sources d)Opening all voltage sources and shorting all current sources.

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8.Which of the following is also known as the dual of Nortorn's theorem.

a)Thevenin's theorem b)Super position theorem c)Maximum power transfer theorem d)Millman's theorem.

9.In superposition theorem, when we consider the effect of one current source, all the other voltage sources are

a)Shorted b)Opened c)Removed d)Undisturbed

10.What is form factor?

a)Average value / RMS value b)Average value / Peak value c)Instantaneous value / Average value d)RMS value / Average value

11.The RMS value of a sinusoidal AC current is equal to its value at an angle of ----- degrees.

a)90 b)60 c)45 d)30

12.For high efficiency of transfer of power, internal resistance of the source should be

a)Equal to load resistance b)Less than to load resistance c)More than to load resistance d)None of the above

13.Capacitive reactance is more when

a)Capacitance is less and frequency of supply is less b) Capacitance is less and frequency of supply is more c) Capacitance is more and frequency of supply is less d) Capacitance is less and frequency of supply is more

14.The time constant of a series RC circuit is given by

a)R/C b)RC2 c)RC d)R2C

15.Inductance affects the direct current flow

a)Only at the time of turning off b)Only at the time of turning on c) Only at the time of turning on and off d)At all the time of operation.

Section – B (5 marks)

1.Briefly explain about colour coding of resistor.

2.Derivethe expression on energy stored in an inductor.

3.Explain the current division rule.

4.Discuss about the star connection.

5.State and explain super position theorem.

6.Stae and explain the millman's theorem.

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7.Write a note on peak to peak value.

8.Write a note on reactive power.

9.Discuss about the capacitive reactance.

10.Discuss about the series reactance.

Section – C (10 marks)

1.Write in details about the capacitor in series and parallel.

2.Write a note on factors effecting inductor and capacitor.

3.Explain in details about the kirchoff's law with neat diagram.

4. Describe the resistor in series, parallel and series-parallel.

5.State and explain the maximum power transfer theorem with example.

6. State and explain super position theorem.

7.Explain in details about the sinusoidal and non sinusoidal waveforms.

8.Explain about real power, reactive power and power factor.

9.Write in details about the RLC in series and parallel.

10.Explain about RL and RC series parallel circuit.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: SEMICONDUCTOR DEVICES **Regulation : 2019-2020**

Class : I BSc., Electronics and Communication **Paper code:19UEL01**

Prepared By :P.Rameshkumar

PART A (1 mark)

1. A semiconductor is formed by ---------- bonds
   a. Covalent b. Electrovalent c. Co-ordinate d.none of the above
2. A semiconductor has ----- temperature coefficient of resistance
   a. Positive b.zero c. Negative d. None of the above
3. The most commonly used semiconductor is ----------
   a. Germanium b.silicion c. Carbon d. Sulphur
4. With forward bias to a PN junction the width of depletion layer--------
   a. Decreases b. Increases c. Remains the same d. None of the above
5. A crystal diode is used as----------
   a. An amplifier b. A rectifier c. An oscillator d. A voltage regulator.
6. A zener diode is always ---------- doped
   a. Reverse b. Forward c. Either reverse of forward d. None of the above
7. The number of depletion layers in a transistor is
   a. Four b. Three c. one d. Two.
8. The base of a transistor is ---------- doped.
   a. Heavily b. Moderately c. Lightly d. None of the above
9. A transistor is a ---------- operated device.
   a. Current b. Voltage c. Both voltage and current d. None of the above.
10. A JFET has three terminals, namely----------
    a. Cathode,anode,grid b. Emitter,base,collector c. Source,gate,drain
    b. None of the above

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11. A JFET is also called --------- transistor

a. Unipolar b. Bipolar c. unijunction d. None of the these.

12. The gate of a JFET is ------- biased

a. Reverse b. Forward c. Reverse and forward d. None of the above

13. A MOSFET has --------- terminals

a.2 b. 5 c. 4 d. 3

14. A MOSFET can be operated with ----------

a. negative gate voltage only b. positive gate voltage only

c. positive and negative gate d. none of the above.

15. A MOSFET is sometimes called ----------JFET

a. many gate b. Open gate c. insulated gate d. Shorted gate.

Section B (5 marks)

1.Explain the structure of atom with neat diagram.

2.Describe the energy band of semiconductor.

3.Draw and explain VI characteristics curve o PN junction diode.

4.Explain about Zener diode voltage regulator.

5.Explain the working NPN transistor with suitable diagram.

6.Explain the operation of transistor as amplifier.

7.List out the salient features of JFET.

8.Write a note on parameter of JFET.

9.Explain the operation of N channel MOSFET.

10.Compare JFET with MOSFET.

Section – C (10 marks)

1.With diagram explain the function of PN junction diode

2.Write a note on types of semiconductor.

3.Explain the function of diode rectifier.

4.Discuss about the effect of temperature on PN junction.

5.Describe CB configuration with input and output characteristics curve.

6.With neat circuit diagram explain about CE configuration.

7.Expalin the construction of FET with suitable sketch

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8.Explain – JET act as voltage variable resistor.

9.Explai666n the operation of N channel MOSFET.

10.List out the various precautions for handing MOSFET.

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Subject Name: Elective– Modern Television System **Regulation : 2019-2020**

Class :III B.Sc Electronics and Communication **Paper code:19UELE04**

Prepared By :P.Rameshkumar

Part – A (1 mark)

1.The main purpose of interlaced scanning

a)Reduce the flicker b)Brighten the TV picture c)Sharpen the picture outline d)Increase the channel bandwidth

2.The signal sent by the TV transmitter is to ensure correct scanning in the receiver are called

a)Sync b)Chroma c)Luminance d)Video

3.In television 4:3 represents the

a)Interface ratio b)Maximum horizontal deflection c)Aspect ratio d)Ratio of the two signal

4.Equalizing pulses in TV are sent during

a)Horizontal blanking b)Vertical blanking c)The serration d)The horizontal retrace

5.The function of the serration in the composite video waveform is to

a)Equalize the changes in the integrator before the start of vertical retrace b)Help vertical syncc)Help horizontal sync d)Simplifying the generation of the vertical sync pulse

6. The circuit that separates sync pulses from the composite video waveform is

a)The keyed AGC amplifier b)A clipper c)Integrator d)Differentiator

7.Another name for the horizontal retrace in a TV receiver is the

a)Ringing b)Burst c)Damper d)Flyback

8.Which of the following signal is not sent in the colour TV

a)Y b)Q c)R d)I

9.The shadow mask in a colour picture tube is used to

a)Reduce the electron transmission b)Ensure that each beam hits only its own dots

c)Increase screen brightness d)Provide degaussing for the screen

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10.In a TV receiver, the colour killer

a)Cuts off the chroma stages during monochrome reception b)Ensure that no colour is transmitted to monochrome receiver c)Prevents colour overloading d)Make sure that the colour for sync pulses by cutting off reception during the back path.

11.In India which monochrome TV system is used

a)525 line system b)625 line system c)819625 line system d)None of these

12.The colour TV system used in india is

a)NTSC b)PAL B c)SECAM d)None of these

13.Horizontal scanning frequency, according to CCIR standard is

a)15750 Hz b)15625 Hz c)60Hz d)15625 Hz

14.The term pedestal is used for

a)Blanking pulse b)Black level c)Sync top level d)White level

15.In India, horizontal blanking pulse is

a)12 microsecond b)4.7 microsecond c)1280 microsecond d)1870 microsecond

Part – B (5 marks)

1.Write a short notes on interlaced scanning.

2.Write a short notes on CCIR - B standards.

3.Discuss about the various sections of a VHF tuner.

4..Explain about IF amplifier

5.Write a short note on vertical O/P stage IC's.

6..Write a notes on AGC and its types.

7.Discuss about the colour perception.

8.Discuss about the colour TV standards.

9.Write a short note on low voltage power supply.

10.Write a short note on PAL D coder merits.

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Part – C

1.Explain about vestigial side band of transmission and reception.

2.Explain about positive and negative modulation.

3.Explain about various section of VHF tuner.

4.Describe about coupling method

5.Explain about EHT generation.

6.Describe about the sound section of IC CA 3605.

7.Explain about bandwidth for colour signal transmission.

8.Write a notes on modulation of colour difference signal.

9.Draw the block for monochrome TV transmitter and receiver and explain it.

10.Describe the working principle of SMPS with diagram

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name:Networking Communication and Security **Regulation : 2019-2020**

Class : III BSc., Electronics and Communication **Paper code:19UEL08**

Prepared By :P.Rameshkumar

Section – A (1 mark)

1.A computer network allows to sharing

a.informartion b.resources c. Both a&b d. None of the above.

2. Small area network is

a. LAN b MAN c.WAN d. None of the above..

3. ---------- network covers large geographical area

a. LAN b MAN c.WAN d. None of the above..

4. DHCT stands for

a. Dynamic host configuration protocol b.Digital host communication provider

c. Digital host communication protocol d.Dynamic host configuration provider

5. Which of the following is a digital multiplexing method

a.FDM b.TDM c.WDM d.none of the above

6. FDM uses ---------- to prevent modulated signal from overlapping

a.Physical hardware devices b.Carrier frequencies c.Guard bands d.Demultiplexer

7. WDM is very similar in concept ----------

a.Sync TDM b. As sync TDM c.FDM D. AM/FM

8. In the ---------- transmission mode communication is unidirectional

a. Simplex b.Half duplex c.Full duplex d.Hybrid

9. In the ---------- transmission mode both station can transmil and reveive at the same time

a. Simplex b.Half duplex c.Full duplex d.Hybrid

10. ---------- refers to the direction of signal flow between two linked devices

a. Line configuration b.Topolpgy c.Transmission mode d.Line discipline

11. OSI is an acronym for

a. Open system interconnection b. Open session inter connecrtion c. Open system implementation d.None

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12. OSI model consists of ---------- layers

a.2 b. 5 c. 7 d. 8

13.SI models defines layers 1,2 & 3 as the ----------layers

a.Physical support b. Network support c. User support d. Transport.

14. A term that refers to the way inwhich the notes of a network are linked together

a. Network b.Topology c.Connection d. Inter connectivity

15. the participating computers in a network are referred to as

a. Clients b.Servers c.Nodes d.CPU

Section: B (5 Marks)

1.Discuss about theTransmission modes.

2.Write the differentiate between the parallel and serial communication.

3.Differentiate diagram and virtual circuit approach.

4.Illustrate how the router connecting two networks.

5.Write a note on physical layer.

6.Explain the session layer with neat diagram.

7.Discuss the virtual LAN.

8.Describe the pure and slotted ALOHA.

9.Compare and contrast ISO/OSI and reference models.

10.Write note on DTE-DCE interface.

Section C (10 Marks)

1.Describe the types of multiplexing.

2.Describe the synchronous and asynchronous communication.

3.Explain the basic network in detail.

4.List out the types of network topology and explain it.

5.Describe in detail the network layer and transport layer.

6.Describe about Data, Physical and network layer.

7.Explain the following:

a)Fiber distributed data interface (FDDI)

b)Packet forwarding.

8.Write a notes on Bluetooth technology.

9.Discuss the following internetworking devices:

a)Bridges b)Routers c)Gateways.

10.Explain about RS232 serial interface.

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Subject Name:PC hardware networking & TroubleShooting **Regulation : 2019-2020**

Class : III BSc., Electronics and Communication **Paper code:19UEL07**

Prepared By :P.Rameshkumar

Section – A (1 mark)

1.The CPU consists of

a)Control unit b)ALU c)CPU d)All of these

2.Which memory is known as volatile memory

a)RAM 2)ROM 3)Floppy d)All of these

3.What is the permanent memory built in to your computer called

a)RAM b)ROM c)CPU d)CD-ROM

4.A keyboard is this kind of device

a)Black b)Input c)Output d)Word processing

5.Which of the following is a example of an input device

a)Scanner b)Speaker c)CD d)Printer

6.The resolution of a monitor is measured in

a)Megabits b)Hz c)Dots per inch d)Inches

7.BIOS stands for

a)Basic input output system b)Basic instruction output system c)Basic interface output system d)All of the above

8.The CPU and memory are located on the

a)Expansion board b)Mother board c)Storage device d)Output device

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9.LCD stands for

a)Liquid crystal display b)Later crystal display c)Light crystal display

d)All of these

10.Which of the following is used to indicate the location on the computer monitor

a)Mouse b)Cursor c)Keyboard d)None of these

11.First generation computer system used

a)Transistor b)Vacuum tube c)Both a and b d)None of these

12.Which part of the computer helps to store information

a)Disk drive b)Keyboard c)Monitor d)Printer

13.DVD stands for

a)Decimal video drive b)Digital video disk c)Digital versatile disk d)Both a and b

14.Physical structure of computer is called

a)Hardware b)Software c)Firmware d)All of these

15.Which of the following is GUI device

a)Key board b)OMR c)Mouse d)All of these

Section: B (5 Marks)

1.Write a note on mother board components.

2.write a short notes on beep code and errors.

3.List the types of memory and write short notes on it.

4.Discuss the front and rear panel connectors.

5.Explain the keyboard configuration.

6.Listout the steps to troubleshoot mouse.

7.Write note on storage capacity of hard disk.

8.Explain the working of CD drive.

9.Define the form factor of mother board.

10.Briefly explain the symptoms of virus

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Section C (10 Marks)

1.Explain the memory organisation in detail.

2.Write a notes on cache memory

3.Discuss the steps involved in installation and troubleshooting of motherboard.

4.Write a notes on BIOS.

5.Describe the types of mouse and its installation.

6.Write a short notes on keyboard organization.

7.Give a detail about of formatting process of a hard disk.

8.Write a notes on disk geometry.

9.Explain the types printer in detail.

10.Write a notes on computer supply (SMPS)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: Electronic Instrumentation **Regulation : 2019-2020**
Class :III B.Sc Electronics and Communication **Paper code:19UELS03**
Prepared By :K.Bhuvaneshwari

Part – A (1 mark)

1. The self generating transducer is----------
a) active b) passive c) conductor d) diode
2. Transducer converts to measured pulse is called------
a) ampifier b) pulse generator c) analog transducer d) digital transducer
3. Piezo electric transducer are
a) inverse transducer b) passive transducer c) active transducer d) none of these above
4. Electron gun is use to----------
a) cathode ray tube b) light c) Both a & b
d) None of these above
5. Multiple beam is produced to----------
a) several beam b) single beam c) double beam
d) None of these above
6. Audio frequency range is----------
a)20- 20 KHZ b) 10 KHZ c) 0 d) 10 decibel

7.Frequency range of this oscillator ----------
a) 400HZ -1KHZ b) 1KHZ c) 2 HZ d) 0HZ
8.Basically synthesis types are----------.
a) 2 types b) 1 types a) 5 types a) 6 types
9.Current means----------
a) flow of electrons b) flow of voltage c) both a & b d) None of these
10.Amphere is unit of
a) I b) v c) ohm d)VI

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11.Current is flowing to the circuit its called ----------

a) closed circuit b) open circuit c) on condition d) none of these above

12.Electron change is----------

a) negative b) positive c) nutural d) none of these

13. VI , ohm measurements using to----------

a)multimeter b) voltmeter c) ammeter d) none of these above

14.LED expands ----------

a) light emitting diode b) light c) both a & b d)nne of these

15.The ohm current measured instruments is----------

a) resistor b) capacitor c) both a& b d) transistor

SECTION - B (5 marks)

1.With circuit diagram explain the function of DC ammeter.

2.Write a note on series type ohm meter.

3.Explain the working of wheatstone bridge.

4.Describe the function of hay's bridge.

5.Name the type of CRO probe and explain their function.

6.Explain about measurement amplitude in CRO.

7.Draw and explain the working of Q meter.

8.Explain the function of pulse generator with neat circuit diagram.

9.Describe the function of loud speaker and microphone.

10.Define the term transducer and explain the working principle of piezoelectric transducer.s

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SECTION-C (10 marks)

1.Describe about AC analog voltmeter.

2.Explain about DC ammeter with neat diagram.

3.What is Wheatstone bridge and explain it.

4.Explain about Maxwell bridge?

5.Draw the block diagram of CRT and explain it.

6.Write a notes on Lissajous figures?

7.With neat sketch explain pulse generator?

8.Explain about Harmonic Distortion Analyzer.

9.List out the microphones & loud speakers and explain any one from each type?

10.Explain about Inductive transducers?

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LIST OF ELECTIVES OFFERED FOR THE STUDENTS

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Degree/Branch/Semester:II M.Sc(CS)/III Semester Academic Year:2020-2021

S. No.	Register No.	Name of the Student	Elective II					Students signature
			Soft computing	Internet of Things	Object oriented analysis and design	Resource management techniques		
1	19PCS2130	M.Jayasri		✓				M Jayasri
2	19PCS2131	E.Jeevarathinam		✓				E. Jeevarathinam
3	19PCS2132	S.Kowsalya		✓				S Kowsalya
4	19PCS2133	L.Vanaja		✓				L. Vanaja

R. Bhuvaneswari 29/12/20
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PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Degree/Branch/Semester: II M.Sc(CS) / III Semester

Academic Year: 2020-2021

S.No	Subject Code	Subject Name	No.of Credit
1.	17PCSE06	INTERNET OF THINGS – ELECTIVE II	04

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Elective Course-II-17PCSE06 INTERNET OF THINGS

Course Objectives:

- To understand the technology behind Internet of Things
- To get familiar with the design principles of connected devices
- To know about business models and ethics in Internet of Things

UNIT – I

The Internet of Things: An Overview –The Internet of Things – The Technol ogy of the Internet of Things - Enhanced objects. **Design Principles for Connected Devices:** Calm and Ambient Technology – metaphor – Privacy – Web think ing for connected Devices.

UNIT – II

Internet Principles: Internet Communications overview – IP – TCP – TCP/I P – UDP. IP Addresses: DNS – Static and Dynamic IP Address Assi gnment – MAC Addresses – TCP and UDP Ports – Application Layer Protocols. **Prototyping:** Sketching – Familiarity – Prototypes and Production – Open Source versus Closed Source.

UNIT – III

Prototyping Embedded Devices: Electronics - Embedded Computing Basics – Arduino - Raspberry Pi - Beagle Bone Black - Electric Imp. **Prototyping the Physical Design:** Non digital Methods - Laser Cutting - 3D printing - CNC Milling - Repurposing/Recycling.

UNIT – IV

Prototyping Online Components: API - Writing a New API - Real-Time Reactions - Other Protocols. **Techniques for Writing Embedded Code:** Memory Management - Performance and Battery Life – Libraries - Debugging.

UNIT – V

Business Models: History of Business Models – Model – Internet of St arting up – Lean Startups. **Moving to Manufacture:** Designing Kits - Designing Printed circuit boards – Certification – Costs - Scaling Up Software. **Ethics:** Privacy – Control – Environment – Solutions.

TEXT BOOK

1. Adrian McEwen and Hakim Cassimally, "Designing the Internet of Things", Wiley, 2014.

REFERENCE BOOKS

1. OvidiuVermesan and Peter Friess, "Internet of Thing s – From Research and Innovation to Market Deployement" , River Publishers, 2014.
2. Peter Waher, "Learning Internet of Things" ,Packt P ublishing, 2015.
3. Donald Norris, "The Internet of Things: Do-It-Yours elf at Home Projects for Arduino, Raspberry Pi and BeagleBone Black",McGraw Hill, 201 5.

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PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Degree/Branch/Semester: I MCA / I semester Academic Year: 2020-2021

S. No.	Register No.	Name of the Student	Elective I				Students signature
			Computer graphics	E-Technologies	Theory of computations	Design and analysis of an algorithms	
1	20PCA1038	T.N.Baalaji	✓				T.N.Baalaji
2	20PCA1039	R.Dharaneesh	✓		✓		R.Dharaneesh
3	20PCA1040	S.Rakesh	✓				S.Rakesh
4	20PCA1041	K.Selvamani	✓				K.Selvamani

R. Bhuvi
H.O.D. 29/12/20

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LIST OF ELECTIVES OFFERED FOR THE STUDENTS

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE

Degree/Branch/Semester: I MCA / I Semester Academic Year: 2020-2021

S.No	Subject Code	Subject Name	No.of Credit
1.	20PCAE01	COMPUTER GRAPHICS – ELECTIVE I	04

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Core Course-XXI–17PCAP08 - LAB-VIII PYTHON PROGRAMMING LAB

Credits:1

Course Objective:

- To understand the concepts ofPython
- To develop the programming skills inPython

Implement the following inPython:

1. Programs using elementary data items, lists, dictionaries andtuples.
2. Programs using if, elif, else, while and forloop.
3. Programs usingwhile.
4. Programs using forloop.
5. Programs usingfunctions
6. Programs using exceptionhandling
7. Programs using command line arguments and importstatements
8. Programs using classes andobjects
9. Programs usingmodules.
10. Programs for creating dynamic and interactive web pages usingforms.

Elective Course-I-17PCAE__ **Credits: 4**

Elective Course-I-17PCAE01 COMPUTER GRAPHICS

Course Objectives:

- To provide comprehensive introduction about computer graphics system, design algorithms and two dimensionaltransformations.
- To make the students familiar with techniques of clipping, three dimensional graphics and three dimensionaltransformations.
- The computer graphics course prepares students for activities involving in design, development and testing of modeling, rendering, shading andanimation.

UNIT – I

Introduction – Graphics Applications – **Graphics Systems:** Video display devices – Raster Scan Systems – Random Scan Systems – Input Devices – Hard Copy devices – **Output Primitives:** Points and Lines – Line Drawing Algorithms – Circle Generating Algorithm – Ellipse Generating Algorithms – Filled Area Primitives.

UNIT – II

Attributes of Output Primitives: Line attributes – Curve attributes – Color and Gray Scale levels – Area-Fill attributes – Character Attributes – Antialiasing. **Two Dimensional Geometric Transformation:** Basic Transformation – Matrix Representation – Composite Transformation – Other Transformation.

UNIT – III

TwoDimensionalViewing: Theviewingpipeline–ViewingCo-ordinateReferenceFrame – Window to Viewport Co–ordinate Transformation – Two-Dimensional Viewing Function – ClippingOperations–PointClipping–LineClipping–PolygonClipping–CurveClipping – Text Clipping – Exterior Clipping. **Three Dimensional Concepts:** Three Dimensional DisplayMethods–ThreeDimensionalGraphicsPackages.**ThreeDimensionalGeometric**

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and Modeling Transformation: Translation – Rotation – Scaling – Other Transformation – Composite Transformation. Three Dimensional Viewing: Viewing Pipeline – Viewing Co-ordinates – Projections – Clipping.

UNIT – IV

Graphical User Interfaces and Interactive Input Methods: The user dialogue – Input of Graphical data – Input function – Interactive Picture Construction techniques. **Illumination models and Surface-Rendering Methods:** Light Sources – Basic Illumination models – Displaying light intensities – Halftone Patterns and Dithering techniques – Polygon rendering method.

UNIT – V

Visible-Surface Detection Methods: Classification of Visible-Surface Detection Methods – Back-Face Detection – Depth-Buffer Method – A-Buffer Method – Scan-Line Method – Depth-Sorting Method – BSP-Tree Method – Area-Subdivision Method – Octree Methods – Ray-Casting Method. **Color Models and Color Applications:** Properties of Light – Standard Properties and the Chromaticity Diagram – Intuitive Color Concepts – RGB, YIQ, CMY, HSV Color Models - Conversion between HSV and RGB Models **Computer Animation:** Design of Animation Sequences - Raster Animations – Key-Frame Systems – Motion Specifications

TEXT BOOK

1. Donald Hearn and M. Pauline Baker, "Computer Graphics", Second Edition, Prentice-Hall of India Private Limited, 1994.

REFERENCE BOOKS

1. John F.Hughes, Andries Van Dam, Morgan McGuire, David F. Sklar, James D.Foley, Steven K.Feiner, Kurt Akeley, "Computer Graphics Principles and Practice," Third Edition, Addison-Wesley,2014.
2. William M. Newman and Robert F. Sproull, "Principles of Interactive Computer Graphics", Second Edition, Tata McGraw – Hill Edition,1979.
3. Steven Harrington, "Computer Graphics A Programming Approach", Second Edition, McGraw – Hill International Edition,1987.

Elective Course-I-17PCAE02 E-TECHNOLOGIES

Course Objectives:

- Provides a better understanding of the orientation in the current development of the modern network technologies which are used inE-business
- Provides an idea about B2B, E-Payment andM-Commerce

UNIT – I

The second wave of Global E-Business: Introduction - Electronic Commerce– Business Models, Revenue Models, and Business Processes – Advantages and disadvantages of Electronic Commerce - Economic Forces and Electronic Commerce – Identifying Electronic Commerce Opportunities – International Nature of Electronic Commerce. **E-Business Technology Basics:** The Internet and the World Wide Web– Packet – Switched Networks – Internet Protocols – Markup Languages and the Web – Intranets and Extranets – Internet Connection Options - Internet2 and The Semantic Web.

Web server and E-Mail Technologies: Introduction – web server basics-software for web servers - web site utility programs - web server hardware.

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Subject Name: IC's and Their Applications **Regulation : 2019-2020**
Class :III B.Sc Electronics and Communication **Paper code:19UEL06**
Prepared By :A.Kumaresan

Part-A (1 mark)

1.An IC contains_____?

a)Passive elements b)Active elements c)Both Passive and Active elements d)None

2.The most complicated component fabricated on IC is_____?

a)Diode b)Resistor c)Transistor d)Conductor

3.The bottom layer of an IC serves as?

a)Connector layer b) Insulating layer c)Substrate d)None

4.The most popular and most widely used IC family is

a)TTL b)IIL c)ECL d)CMOS

5.The fastest saturated logic family is

a)TTL b)IIL c)ECL d)CMOS

6.The output is complementary of the input in

a)TTL b)IIL c)ECL d)CMOS

7.The Op-Amp can amplify

a)A.C. signals only b) D.C. signals only c) Both A.C. and D.C. d) None

8.A differential amplifier_____

a) is a part of an Op-amp b)has one input and one output c)has two outputs d)Both a and b

9.A common mode signal is applied to_____

a) the noninverting input b)the inverting input c)both inputs d) none

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10.The type of filter which passes all frequencies within the band width is called

a)LPF b)HPF c)BPF d)BSF

11.A third order filter will have a roll off rate of

a) 20 dB/decade b) 40 dB/decade c) 60 dB/decade d)30 dB/decade

12.What is a filter?

a)Frequency selective circuit b)Amplitude selective circuit

c)Frequency damping d)Amplitude damping

13.A multivibrator is a circuit which generates

a)Square wave b)Sine wave c)Triangular wave d) Sawtooth wave

14.The most popular IC used in timing circuit is

a)555 b)741 c)LM317 d)7400

15.The 555 timer IC can have operating modes as

a) Astable b) Bistable c) Monostable d) All the above

Part –B (5 marks)

1.Briefly explain about the steps involved in fabrication of capacitor.

2.Write a short notes about thick film technoclogy.

3. Explain I^2L logic with neat sketch.

4.Write a short note on ECL logic family.

5.Discuss about the parameters of ideal operational amplifier.

6.Draw the circuit diagram of a Non-inverting amplifier uaing IC 741.

7.Briefly explain the op.amp as comparator..

8.Write a short note about Schmitt triggers.

9.What are the basic principle of PLL.

10.Draw a circuit using IC 566 for waveform generation.

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Part-C (10 marks)

1.With neat diagram explain the various steps involved in the fabrication of IC

2.Discuss the fabrication of MOSFET in an IC with necessary diagram.

3.Explain TTL logic working with neat sketch

4.Discuss the basic operation of ECL logic and also list out advantages and disadvantages of ECL.

5.Explain OP-Amp multiplier and divider circuits with suitable examples.

6.Draw the circuit diagram of Op-Amp differentiator and derive an expression for the output.

7.Discuss the basic operations of narrow band pass filter.

8.Elucidate the working of first order High Pass Filter.

9.Explain the working of timer 555 in astable mode.

10.Draw the architecture of timer (555) and explain various blocks.

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Subject Name:Electronic Communication System **Regulation : 2019-2020**

Class :III B.Sc Electronics and Communication **Paper code:19UEL05**

Prepared By :S.Ravikumar

Part – A (1 mark)

1.Which type of ground wave travels over the earth surface by acquiring direct path through air from transmitting to receiving antenna

a)Surface wave b)Space wave c) Both and b d)None of these

2.Name the ionization layer that exists during day time and usually vanish at night due to highest recombination rate

a)Appleton region b)D region 3)Normal E region 4)Sporadic E region

3.Microwave signals are not used for ionosphereic propagation, the reason is

a)Ionospheric layer absorve microwave tremendously b)Drastic dispersion takes place for microwave signals in ionosphere c)Scattering prevents propagation of microwave through ionosphere d)Microwave penetrate through ionosphere layer

4. In amplitude modulation

a)Change in amplitude of the carrier according to modulating signal b) Change in frequency of the carrier according to modulating signal c)Change in amplitude of modulating signal according tp carrier signal d)Change in amplitude of the carrier according to modulating signal frequency

5.The modulation technique that uses the minimum channel bandwidth and transmitted power is

a)FM b)DSB - SC c)VSB d)SSB

6.Angle modulation are

a)FM,AM b)FM,PM c)AM,PM d)None of these

7.The type of analog modulation are

a)PM b)AM c)FM d)All of these

8.Modulation index of FM should be

a)Greater than one b)Equal to one c)Less than 0.5 d)all of these

9.Bandwidth requirement of FM is

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a)Equal to AM b)Greater than one c)Less than AM d)None of the above

10.In a radio receiver, noise is generally developed at

a)IF stage b)Receiver c)RF signal d)None of these

11.Fiedelity prefers

a)Equally amplifies all the signal frequencies at receiver b)Ability of receiver to select wanted signal from various incoming signal c)Minimum magnitude of input signal required to produced a specified output d)Ability of amplify the weak signals

12.Which oscillator is used as a local oscillator in radio receiver

a)Wien bridge b)Hartley c)Crystal d)Phase shift

13.In ASK modulation the modulating signal is

a)High frequency analog signal b)Digital signalc)Low frequency analog signal d)Both a and c

14.Quantizing noise occurs in

a)TDM b)FDM c)PCM d)PWM

15.One of the following system is analog

a)PCM b)Delta modulation c)Differential PCM d)PAM

Part – B (5 marks)

1.Explain the groundwave communication.

2. Explain the structure of atomosphere

3.Write a notes on modulation index.

4.Discuss about vestigial side band transmission

5.Describe the worling of co channel interference.

6.Write a notes on frequency spectrum of FM signal.

7.Write short notes on double heterodyne receiver.

8.Explain about automatic gain control (AGC).

9.Write a notes on pulse position modulator.

10.Explain the working principal of PAM.

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Part – C (10 marks)

1.With neat sketch explain space and sky wave propagation .

2.Write a notes on skip distance

3.Discuss the spectrum of AM signal.

4.Explain the working balanced modulator.

5.Explain – Direct method of FM generation.

6.Explain about pre-emphasis.

7.Draw the block diagram of super hydrosdyne receiver and explain it.

8.Explain the working principle of de-emphasis

9.Explain – Pulse code modulation technique.

10.Explain about ASK modulation and demodulation.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: 8085 Microprocessor and Interfacing **Regulation : 2019-2020**

Class : II-B.Sc., Electronics and Communication **Paper code:19UEL04**

Prepared By :S.Ravikumar

Part A (1 mark)

1.----- of the following is not a data copy / transfer instruction.

a)MOV b)PUSH c)DAS d)POP

2.-------instruction that involve various string manipulation operation

a)Branch b)Flag manipulation c)Shift and rotate d)String

3.The storage in which the CPU fetches the instruction from the instruction cache in superscalar organization is ----

a)Prefetch stage b)D1 stage c)D2 stage d)Final stage

4.The stack follows the sequence

a)FIFO B)FILO c)LIFO d)LIFO

5.----------of the following is not a valid instruction type.

a)Increment by 1 b)Decrement by 1 c)Increment by 2 d)Decrement by 2

6.----------of the following is not a valid instruction type.

a)Zero operand b)Single operand c)Two operand d)None of the above

7.----------of the following instruction is not valid.

a)MOV AX,BX b)MOV DS,5000H c)MOV AX,5000H d)PUSH AX

8.Which of the following is not an addressing mode of 8051?

a)Register b)Register specific c)Indexed d)None

9.The instruction that pushes the contents of the specified register/memory location on to the stack is ---------

a)PUSHF b)POPF c)PUSH d)POP

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10.The input and output operations are respectively similar to the operations

a)Read, Read b)Write, Write c)Read, Write d)Write, Read

11.All the functions of the ports of 8255 are achieved by programming the bits of an internal register called

a)Data bus control b)Read logic control c)Control word register d)None

12.In BSR mode, only port C can used to

a)Set individual ports b)Reset individual ports c)Set and reset individual ports

d)Programmable I/O ports.

13.Dac finds application in

a)Digitally controlled gains b)Motor speed controls c)Programmable gain amplifiers

d)All of the above

14.In ADC 0808 / 0809 IC-----pin is used to select step size.

a)Vref b)Vin c)Vref/2 & Vin d)None

15.The device that is used to obtain an accurate position control of rotating shafts interms of steps is----

a)DC motor b)AC motor c)Stepper motor d)Servomotor

Part B (5 Marks)

1.Describe the major fetching and decoding of an instruction

2.Give the brief study of EPROM 2764.

3.Discuss the arithmetic operation related to memory.

4.Write a program to add two 8-bit numbers.

5.Describe the instruction format of 8085.

6.Write the delay subroutine and calculate delay calculations.

7.Explain the interfacing of switches with 8085.

8.Explain the interfacing of switches with 8085.

9.Describe the features of DAC 0800.

10.Describe a 4X4 matrix keyboard.

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Part C (10 Marks)

1.Describe the internal architecture of 8085, with a neat block diagram.

2.Explain about memory mapping for a 8K memory chip.

3.Explain the arithmetic and logical instructions of 8085.

4.Explain the data transfer instruction of 8085.

5.Discuss the addressing modes of 8085 with suitable example.

6.Explain the timing diagram of IN and OUT instruction.

7.Draw the block diagram of 8255 and describe the architecture.

8.Explain the interfacing of seven segment display with 8085.

9.Describe an 8085 based stepper motor control system.

10. Describe the keyboard interface with 8085.

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Subject Name: Major -8051 Microcontroller and Interfacing **Regulation : 2019-2020**

Class :III BSc Electronics and Communication **Paper code:19UELE01**

Prepared By :P.Rameshkumar

Part - A

1.The internal RAM and ROM size of 8051 are

a)32 byte, 2 kilobyte b)64 byte, 4 kilobyte c)128 byte, 4 kilobyted)none of these

2.The 8051 has ---------- 16 bit timer / counter

a)1 b)2 3)3 4)4

3.The 8051 can handle ----------interrupt sources

a)3 b)4 c)5 d)6

4.The size of Program counter in 8051 is

a)4 bits b)8 bits c)24 bits d)16 bits

5.The 8051 have

a)2 register banks b)3 register banks c)4 register banks d)None of these

6.The function of port 1 in 8051 is

a)I/O function only b)I/O and lower order address and data lines c) I/O and higher order address d)None of these

7.The function of EA pin in 8051 is

a)Access internal memory b)Access external memory c)Both a and b d)None of these

8..The register used for MUL and DIV function is

a)R0 and R1 b)A and Ro c)A and B d)A and R7

9.The 8051 has---------- bit addressable memory location.

a)8 b)24 c)16 d)None of these

10.When 8051 wakes up then 0000H is loaded to which register?

a)PSW b)SP c)PC d)None of these

11.On power up, the 8051 uses which RAM locations for register R0-R7

a)00-2F b)00-07 c)00-7F d)00-0F

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12.SCON in serial port is used for which operation?

a)Transferring data b)Receiving data c)Controlling d)Controlling and transferring

13.The DAC is

a)Decimal to Analog Converter b) Digital to Analog Converter c) Decimal to Antilog Conversion d)None of these

14.The ADC is

a)Analog to Digital Converter b)Amplitude to Digital Converter c)Analog to Decimal Converter d)None of these

15.The PWM is

a)Phase Width Modulation b)Phase wide Modulation c)Pulse width Modulation d)None of these

Part – B (5 marks)

Answer any three questions.

1.Explain the structure of RAM.

2.Write a notes on special function register.

3.Explain the 8051 assembly language instruction for bit manipulation.

4..List out the different addressing modes of and 8051 and explain it.

5.Describe stack in 8051.

6.Briefly explain about seven segment interfacing with 8051.7..Describe the function of LCD.

7.Explain the operation of DC motor.

8 Briefly explain about interfacing of DC motor with 8051.

9.Explain the working of static RAM.

10. Write a notes on pseudo static RWM.

Part – C (5 marks)

1.Draw the architecture of IC8051 and explain it. (or)

2.Explain about Internal RAM structure of 8051.

3.Explain about the bit handling instructions set of 8051. (or)

4. Write ALP for arranges the numbers in ascending order.

5.Explain about the interfacing of matrix keyboard with 8051. (or)

6.Explain about the interfacing of LCD with 8051.

7.Explain the interfacing of ADC with of 8051. (or)

8.Explain the interfacing of stepper motor with of 8051.

9.Explain the interfacing of static RWM (6264). (or)

10.Explain the interfacing of EPROM (2764) with of 8051.

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Department of Electronics and Communication

Subject Name: Applied Digital Electronics **Regulation : 2019-2020**

Class :II BSc Electronics and Communication **Paper code:19UEL02**

Prepared By :P.Ravikumar

PART A (1 mark)

1. Which of the following is the example of digital electroniocs
   a. Computers b. Information appliances c. Digital camares d. All of the above
2. Which of the following is digital logic circuit
   a. Combinational logic circuit. B. Sequencial logic circuit c. Both a&b d none
3. Which of the following is under the non saturated logic family in digital electronics
   a. Ecl b. Htl c iil d dtl
4. Logic gates can be used to add more than one bit simultaneously
   a. Full adder b. Ripple carry adder c. Half adder d. Serial adder
5. What value is to be considered for don't care condition
   a. Zero` b. One c. Either zero or one d. Any except zero and one
6. Which of the FFs can not be used to construct serial shif register
   a. D FF b. SR FF c. JK FF d. T FF
7. The other name of IIL
   a. Merged transistor logic b. Emitter coupled logic c. HTL d. RTL
8. Which of the following is a sequential code
   a. 8421 b. 2421 c.5421 d. 2441
9. 4*1 multiplexer
   a. 4 three input AND gate b. 4 two input AND gate c. 1 three input AND gate. D. None of the above.
10. The universal gate is
    a. NAND b. OR c. NOT d. EX OR
11. Positive logic in a logic circuit is one which
    a. Logic zero and represented by zero

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b. Logic zero and negative represented by negative

c. Logic zero level voltage is higher than logic one voltage

d. Logic zero voltage level is lower than logic one voltage level.

12. Digital circuit can be made by the reapeted use of

a. OR b. NAND c. NOT d. None

13. The inveter is

a. NOT b. OR c. NAND d. NOT

14. A debounce circuit is

a. Astablle MV b. Mono stable MV c. Latch d. None

15. In Boolean algebra the bar sign indicates

a. OR b.AND c. NOT d. None of the above

Section B (5 marks)

1.Explain decimal to Hexa decimal conversion with example.

2.Conver the following binary number in to gray code. a)11001010 b)10000101

3.Perofrm the following subtraction using 2's complement arithmetic 32-30.

4.State and prove Demorgan's theorem.

5.Prove the NAND gate is universal gate.

6.Explain the function half adder.

7.Exolain the working of D – flip flop.

8.Draw the logic diagram of a 4 bit ring counter and explain the operation.

9.Draw the operation of a parallel comparatoe type ADC.

10.Describe the features of DAC 0800 IC.

Section C (10 marks)

1.Perform the following conversions. a)$(544)_{10}$=-----$_2$ b)$(18f)_{16}$=------s_{10} c)$(11010101)_2$=----$_8$

2.Explain the following numbering system with example.

a)BCD b)Gray code c)Excess 3-code 4)ASCII code.

3.Simplify the following logic function using k – maps. Y=Σ m(0,1,2,3,11,12,14,15)

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4. State the Demorgan's theorem and explain it.

5.Explain the function of a priority encoder.

6.Explain the function of 8x1 multiplexer.

7.Draw the logic diagram of a hexadecimal up counter and explain its working.

8.Explain about Master – Slave flip flop.

9.Explain the working of R-2R ladder type DAC.

10.Explain about Successive approximation method ADC.

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Department Of Electronics and Communication

Subject Name: Major - Electronic Circuits **Regulation : 2019-2020**

Class :II B.Sc Electronics and Communication **Paper code:19UEL03**

Prepared By :S.Ravikumar

Part – A (1 mark)

1.The Rectifier circuit converts

a) DC in to AC b)DC in to DC 3)AC in to DC d) None of these

2.Bridge rectifier consists of

a)1 diode b)2 diodes c)4 diodes d)None of these

3. The main function of a clipping circuit is to

a)Remove the certain portion of input signalb)Restore the DC level to the signal c)Suppress amplitude variations in the input signal d) Both a and c

4.The clamper circuit is used to

a)Introduce a dc level to ac level b)Suppress variations in amplitude of the input signal

c)Obtain an output which is integral of the input signal d) None of these

5.The gain of a cascaded amplifier is equal to the

a)Product of individual gains b)Sum of individual gains c)Ratio of stage gains d) None of these

6.The advantages of the direct coupled amplifier is that

a)It uses less number of componentsb)It has a very good temperature stability c)It does not use frequency sensitive components d) It can amplify direct current and low frequency signals

7.The current series feedback amplifier, the input resistance

a)Increases b)Decreases c)Rmains unchanged d) None of these

8.Feedback in an amplifier always helps to

a)Control its output b)Increase its gain c)Decrease its input resistance d) Stabilize its gains

9.Free running oscillator is

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a)Monostable multivibrator b)Astable multivibrator c)Bistable multivibrator d) Both a and b

10. A square pulse has a mark – space ratio is

a)1:1 b)1:2 c)2:1 d)1:4

11.Peak inverse voltage of center tapped full wave rectifier

a)Vm b)2Vm c)3Vm d)None of these

12.IC 78XX is

a)Fixed voltage regulator b)Variable voltage regulator c)Both a and b d)None of these

13.Higher the value of stability refers

a)Good stability b)Poor stability c)Moderate stability d)None of these

14.---------- are used for bias compensation in transistor circuit

a)Resistor b)Rectifier diode c)Thermister d)Both a and c

15.The output of a class B amplifier

a)Is distortion free b)Consists of positive half cycle c)Is like the output of fullwave rectifier

d)Comprises short duration current pulses

Part – B (5 marks)

1.Briefly explain about half wave rectifier

2.Explain the working of CLC filter.

3.With a neat block diagram, explain the function of UPS.

4.What is thermal runaway and explain?

5.Explain the base biasing method .

6.Draw the circuit diagram for the class A amplifier and explain.

7.Draw the circuit diagram for the class C amplifier and explain.

8.Explain about positive and negative feed back.

9.Write the impact on gain ,distortion and noise of negative feedback.

10.With circuit diagram explain the function of Hartley oscillator.

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Part – C (10 marks)

1.Explain the function of bridge rectifier with circuit diagram.

2.Describe the function of pi filter with circuit diagram.

3.Explain the function of voltage divider biasing method.

4.Explain the function of voltage doubler, tripler and quadrupler

5.Draw the circuit diagram of push pull amplifier and explain its working

6.Explain the function of RC coupled amplifier with frequency response curve.

7. Describe the effect of negative feedback on gain, bandwidth, distortion, input and output impedance.

8.List out the various types of negative feedback amplifier with necessary circuit diagram

9.Explain the function of crystal oscillator with circuit diagram.

10.Explain about astable multivibrator using transistor.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name:SBEC – Applied Electric Circuits **Regulation : 2019-2020**

Class : I BSc., Electronics and Communication **Paper code:19UELS01**

Prepared By :S.Ravikumar

Section – A (1 mark)

1.The rating of electrolytic capacitor is measured in

a)Farads b)Ohms c)Amps d)Resistance

2.A resister having colour bands of Brown, Black, Red and Gold. Find the resistance value

a)100 ohm b)1K ohm c)4.7K ohm d)10K ohm

3.Which of the following is an active component?

a)Vacuum b)Capacitors c)Semiconductor devices d)Inductors

4.The algebraic sum of voltage in any closed path of network is equal to

a)Infinity b)Zero c)Two d)One

5.Kichhoff's current law states that

a)Net current flow at the junction is positive b)Algebraic sum of the currents meeting at the junction is zero c)No current can leave the junction without some current entering it. d)Total sum of current meeting at the junction is zero.

6.In a ------circuit, the total resistance is greater than thelargest resistance in the cicuit.

a)Series b)Parallel c)Either series or parallel d)Neither series nor parallel

7.Thevenin resistance is found by

a)Shorting all voltage sources 2)Opening all current sources c)Shorting all voltage sources and opening all current sources d)Opening all voltage sources and shorting all current sources.

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8.Which of the following is also known as the dual of Nortorn's theorem.

a)Thevenin's theorem b)Super position theorem c)Maximum power transfer theorem d)Millman's theorem.

9.In superposition theorem, when we consider the effect of one current source, all the other voltage sources are

a)Shorted b)Opened c)Removed d)Undisturbed

10.What is form factor?

a)Average value / RMS value b)Average value / Peak value c)Instantaneous value / Average value d)RMS value / Average value

11.The RMS value of a sinusoidal AC current is equal to its value at an angle of ----- degrees.

a)90 b)60 c)45 d)30

12.For high efficiency of transfer of power, internal resistance of the source should be

a)Equal to load resistance b)Less than to load resistance c)More than to load resistance d)None of the above

13.Capacitive reactance is more when

a)Capacitance is less and frequency of supply is less b) Capacitance is less and frequency of supply is more c) Capacitance is more and frequency of supply is less d) Capacitance is less and frequency of supply is more

14.The time constant of a series RC circuit is given by

a)R/C b)RC2 c)RC d)R2C

15.Inductance affects the direct current flow

a)Only at the time of turning off b)Only at the time of turning on c) Only at the time of turning on and off d)At all the time of operation.

Section – B (5 marks)

1.Briefly explain about colour coding of resistor.

2.Derivethe expression on energy stored in an inductor.

3.Explain the current division rule.

4.Discuss about the star connection.

5.State and explain super position theorem.

6.Stae and explain the millman's theorem.

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7.Write a note on peak to peak value.

8.Write a note on reactive power.

9.Discuss about the capacitive reactance.

10.Discuss about the series reactance.

Section – C (10 marks)

1.Write in details about the capacitor in series and parallel.

2.Write a note on factors effecting inductor and capacitor.

3.Explain in details about the kirchoff's law with neat diagram.

4. Describe the resistor in series, parallel and series-parallel.

5.State and explain the maximum power transfer theorem with example.

6. State and explain super position theorem.

7.Explain in details about the sinusoidal and non sinusoidal waveforms.

8.Explain about real power, reactive power and power factor.

9.Write in details about the RLC in series and parallel.

10.Explain about RL and RC series parallel circuit.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: SEMICONDUCTOR DEVICES **Regulation : 2019-2020**

Class : I BSc., Electronics and Communication **Paper code:19UEL01**

Prepared By :P.Rameshkumar

PART A (1 mark)

1. A semiconductor is formed by ---------- bonds
   a. Covalent b. Electrovalent c. Co-ordinate d.none of the above
2. A semiconductor has ----- temperature coefficient of resistance
   a. Positive b.zero c. Negative d. None of the above
3. The most commonly used semiconductor is ----------
   a. Germanium b.silicion c. Carbon d. Sulphur
4. With forward bias to a PN junction the width of depletion layer--------
   a. Decreases b. Increases c. Remains the same d. None of the above
5. A crystal diode is used as----------
   a. An amplifier b. A rectifier c. An oscillator d. A voltage regulator.
6. A zener diode is always ---------- doped
   a. Reverse b. Forward c. Either reverse of forward d. None of the above
7. The number of depletion layers in a transistor is
   a. Four b. Three c. one d. Two.
8. The base of a transistor is ---------- doped.
   a. Heavily b. Moderately c. Lightly d. None of the above
9. A transistor is a ---------- operated device.
   a. Current b. Voltage c. Both voltage and current d. None of the above.
10. A JFET has three terminals, namely----------
    a. Cathode,anode,grid b. Emitter,base,collector c. Source,gate,drain
    b. None of the above

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11. A JFET is also called --------- transistor

a. Unipolar b. Bipolar c. unijunction d. None of the these.

12. The gate of a JFET is ------- biased

a. Reverse b. Forward c. Reverse and forward d. None of the above

13. A MOSFET has --------- terminals

a.2 b. 5 c. 4 d. 3

14. A MOSFET can be operated with ----------

a. negative gate voltage only b. positive gate voltage only

c. positive and negative gate d. none of the above.

15. A MOSFET is sometimes called ----------JFET

a. many gate b. Open gate c. insulated gate d. Shorted gate.

Section B (5 marks)

1.Explain the structure of atom with neat diagram.

2.Describe the energy band of semiconductor.

3.Draw and explain VI characteristics curve o PN junction diode.

4.Explain about Zener diode voltage regulator.

5.Explain the working NPN transistor with suitable diagram.

6.Explain the operation of transistor as amplifier.

7.List out the salient features of JFET.

8.Write a note on parameter of JFET.

9.Explain the operation of N channel MOSFET.

10.Compare JFET with MOSFET.

Section – C (10 marks)

1.With diagram explain the function of PN junction diode

2.Write a note on types of semiconductor.

3.Explain the function of diode rectifier.

4.Discuss about the effect of temperature on PN junction.

5.Describe CB configuration with input and output characteristics curve.

6.With neat circuit diagram explain about CE configuration.

7.Expalin the construction of FET with suitable sketch

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8.Explain – JET act as voltage variable resistor.

9.Explai666n the operation of N channel MOSFET.

10.List out the various precautions for handing MOSFET.

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Department of Electronics and Communication

Subject Name: Elective– Modern Television System **Regulation : 2019-2020**

Class :III B.Sc Electronics and Communication **Paper code:19UELE04**

Prepared By :P.Rameshkumar

Part – A (1 mark)

1.The main purpose of interlaced scanning

a)Reduce the flicker b)Brighten the TV picture c)Sharpen the picture outline d)Increase the channel bandwidth

2.The signal sent by the TV transmitter is to ensure correct scanning in the receiver are called

a)Sync b)Chroma c)Luminance d)Video

3.In television 4:3 represents the

a)Interface ratio b)Maximum horizontal deflection c)Aspect ratio d)Ratio of the two signal

4.Equalizing pulses in TV are sent during

a)Horizontal blanking b)Vertical blanking c)The serration d)The horizontal retrace

5.The function of the serration in the composite video waveform is to

a)Equalize the changes in the integrator before the start of vertical retrace b)Help vertical syncc)Help horizontal sync d)Simplifying the generation of the vertical sync pulse

6. The circuit that separates sync pulses from the composite video waveform is

a)The keyed AGC amplifier b)A clipper c)Integrator d)Differentiator

7.Another name for the horizontal retrace in a TV receiver is the

a)Ringing b)Burst c)Damper d)Flyback

8.Which of the following signal is not sent in the colour TV

a)Y b)Q c)R d)I

9.The shadow mask in a colour picture tube is used to

a)Reduce the electron transmission b)Ensure that each beam hits only its own dots

c)Increase screen brightness d)Provide degaussing for the screen

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10.In a TV receiver, the colour killer

a)Cuts off the chroma stages during monochrome reception b)Ensure that no colour is transmitted to monochrome receiver c)Prevents colour overloading d)Make sure that the colour for sync pulses by cutting off reception during the back path.

11.In India which monochrome TV system is used

a)525 line system b)625 line system c)819625 line system d)None of these

12.The colour TV system used in india is

a)NTSC b)PAL B c)SECAM d)None of these

13.Horizontal scanning frequency, according to CCIR standard is

a)15750 Hz b)15625 Hz c)60Hz d)15625 Hz

14.The term pedestal is used for

a)Blanking pulse b)Black level c)Sync top level d)White level

15.In India, horizontal blanking pulse is

a)12 microsecond b)4.7 microsecond c)1280 microsecond d)1870 microsecond

Part – B (5 marks)

1.Write a short notes on interlaced scanning.

2.Write a short notes on CCIR - B standards.

3.Discuss about the various sections of a VHF tuner.

4..Explain about IF amplifier

5.Write a short note on vertical O/P stage IC's.

6..Write a notes on AGC and its types.

7.Discuss about the colour perception.

8.Discuss about the colour TV standards.

9.Write a short note on low voltage power supply.

10.Write a short note on PAL D coder merits.

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Part – C

1.Explain about vestigial side band of transmission and reception.

2.Explain about positive and negative modulation.

3.Explain about various section of VHF tuner.

4.Describe about coupling method

5.Explain about EHT generation.

6.Describe about the sound section of IC CA 3605.

7.Explain about bandwidth for colour signal transmission.

8.Write a notes on modulation of colour difference signal.

9.Draw the block for monochrome TV transmitter and receiver and explain it.

10.Describe the working principle of SMPS with diagram

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name:Networking Communication and Security **Regulation : 2019-2020**

Class : III BSc., Electronics and Communication **Paper code:19UEL08**

Prepared By :P.Rameshkumar

Section – A (1 mark)

1.A computer network allows to sharing

a.informartion b.resources c. Both a&b d. None of the above.

2. Small area network is

a. LAN b MAN c.WAN d. None of the above..

3. ---------- network covers large geographical area

a. LAN b MAN c.WAN d. None of the above..

4. DHCT stands for

a. Dynamic host configuration protocol b.Digital host communication provider

c. Digital host communication protocol d.Dynamic host configuration provider

5. Which of the following is a digital multiplexing method

a.FDM b.TDM c.WDM d.none of the above

6. FDM uses ---------- to prevent modulated signal from overlapping

a.Physical hardware devices b.Carrier frequencies c.Guard bands d.Demultiplexer

7. WDM is very similar in concept ----------

a.Sync TDM b. As sync TDM c.FDM D. AM/FM

8. In the ---------- transmission mode communication is unidirectional

a. Simplex b.Half duplex c.Full duplex d.Hybrid

9. In the ---------- transmission mode both station can transmil and reveive at the same time

a. Simplex b.Half duplex c.Full duplex d.Hybrid

10. ---------- refers to the direction of signal flow between two linked devices

a. Line configuration b.Topolpgy c.Transmission mode d.Line discipline

11. OSI is an acronym for

a. Open system interconnection b. Open session inter connecrtion c. Open system implementation d.None

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12. OSI model consists of ---------- layers

a.2 b. 5 c. 7 d. 8

13.SI models defines layers 1,2 & 3 as the ----------layers

a.Physical support b. Network support c. User support d. Transport.

14. A term that refers to the way inwhich the notes of a network are linked together

a. Network b.Topology c.Connection d. Inter connectivity

15. the participating computers in a network are referred to as

a. Clients b.Servers c.Nodes d.CPU

Section: B (5 Marks)

1.Discuss about theTransmission modes.

2.Write the differentiate between the parallel and serial communication.

3.Differentiate diagram and virtual circuit approach.

4.Illustrate how the router connecting two networks.

5.Write a note on physical layer.

6.Explain the session layer with neat diagram.

7.Discuss the virtual LAN.

8.Describe the pure and slotted ALOHA.

9.Compare and contrast ISO/OSI and reference models.

10.Write note on DTE-DCE interface.

Section C (10 Marks)

1.Describe the types of multiplexing.

2.Describe the synchronous and asynchronous communication.

3.Explain the basic network in detail.

4.List out the types of network topology and explain it.

5.Describe in detail the network layer and transport layer.

6.Describe about Data, Physical and network layer.

7.Explain the following:

a)Fiber distributed data interface (FDDI)

b)Packet forwarding.

8.Write a notes on Bluetooth technology.

9.Discuss the following internetworking devices:

a)Bridges b)Routers c)Gateways.

10.Explain about RS232 serial interface.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name:PC hardware networking & TroubleShooting **Regulation : 2019-2020**

Class : III BSc., Electronics and Communication **Paper code:19UEL07**

Prepared By :P.Rameshkumar

Section – A (1 mark)

1.The CPU consists of

a)Control unit b)ALU c)CPU d)All of these

2.Which memory is known as volatile memory

a)RAM 2)ROM 3)Floppy d)All of these

3.What is the permanent memory built in to your computer called

a)RAM b)ROM c)CPU d)CD-ROM

4.A keyboard is this kind of device

a)Black b)Input c)Output d)Word processing

5.Which of the following is a example of an input device

a)Scanner b)Speaker c)CD d)Printer

6.The resolution of a monitor is measured in

a)Megabits b)Hz c)Dots per inch d)Inches

7.BIOS stands for

a)Basic input output system b)Basic instruction output system c)Basic interface output system d)All of the above

8.The CPU and memory are located on the

a)Expansion board b)Mother board c)Storage device d)Output device

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9.LCD stands for

a)Liquid crystal display b)Later crystal display c)Light crystal display

d)All of these

10.Which of the following is used to indicate the location on the computer monitor

a)Mouse b)Cursor c)Keyboard d)None of these

11.First generation computer system used

a)Transistor b)Vacuum tube c)Both a and b d)None of these

12.Which part of the computer helps to store information

a)Disk drive b)Keyboard c)Monitor d)Printer

13.DVD stands for

a)Decimal video drive b)Digital video disk c)Digital versatile disk d)Both a and b

14.Physical structure of computer is called

a)Hardware b)Software c)Firmware d)All of these

15.Which of the following is GUI device

a)Key board b)OMR c)Mouse d)All of these

Section: B (5 Marks)

1.Write a note on mother board components.

2.write a short notes on beep code and errors.

3.List the types of memory and write short notes on it.

4.Discuss the front and rear panel connectors.

5.Explain the keyboard configuration.

6.Listout the steps to troubleshoot mouse.

7.Write note on storage capacity of hard disk.

8.Explain the working of CD drive.

9.Define the form factor of mother board.

10.Briefly explain the symptoms of virus

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Section C (10 Marks)

1.Explain the memory organisation in detail.

2.Write a notes on cache memory

3.Discuss the steps involved in installation and troubleshooting of motherboard.

4.Write a notes on BIOS.

5.Describe the types of mouse and its installation.

6.Write a short notes on keyboard organization.

7.Give a detail about of formatting process of a hard disk.

8.Write a notes on disk geometry.

9.Explain the types printer in detail.

10.Write a notes on computer supply (SMPS)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Subject Name: Electronic Instrumentation **Regulation : 2019-2020**
Class :III B.Sc Electronics and Communication **Paper code:19UELS03**
Prepared By :K.Bhuvaneshwari

Part – A (1 mark)

1. The self generating transducer is----------
a) active b) passive c) conductor d) diode
2. Transducer converts to measured pulse is called------
a) ampifier b) pulse generator c) analog transducer d) digital transducer
3. Piezo electric transducer are
a) inverse transducer b) passive transducer c) active transducer d) none of these above
4. Electron gun is use to----------
a) cathode ray tube b) light c) Both a & b
d) None of these above
5. Multiple beam is produced to----------
a) several beam b) single beam c) double beam
d) None of these above
6. Audio frequency range is----------
a)20- 20 KHZ b) 10 KHZ c) 0 d) 10 decibel

7.Frequency range of this oscillator ----------
a) 400HZ -1KHZ b) 1KHZ c) 2 HZ d) 0HZ
8.Basically synthesis types are----------.
a) 2 types b) 1 types a) 5 types a) 6 types
9.Current means----------
a) flow of electrons b) flow of voltage c) both a & b d) None of these
10.Amphere is unit of
a) I b) v c) ohm d)VI

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11.Current is flowing to the circuit its called ----------

a) closed circuit b) open circuit c) on condition d) none of these above

12.Electron change is----------

a) negative b) positive c) nutural d) none of these

13. VI , ohm measurements using to----------

a)multimeter b) voltmeter c) ammeter d) none of these above

14.LED expands ----------

a) light emitting diode b) light c) both a & b d)nne of these

15.The ohm current measured instruments is----------

a) resistor b) capacitor c) both a& b d) transistor

SECTION - B (5 marks)

1.With circuit diagram explain the function of DC ammeter.

2.Write a note on series type ohm meter.

3.Explain the working of wheatstone bridge.

4.Describe the function of hay's bridge.

5.Name the type of CRO probe and explain their function.

6.Explain about measurement amplitude in CRO.

7.Draw and explain the working of Q meter.

8.Explain the function of pulse generator with neat circuit diagram.

9.Describe the function of loud speaker and microphone.

10.Define the term transducer and explain the working principle of piezoelectric transducer.s

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SECTION-C (10 marks)

1.Describe about AC analog voltmeter.

2.Explain about DC ammeter with neat diagram.

3.What is Wheatstone bridge and explain it.

4.Explain about Maxwell bridge?

5.Draw the block diagram of CRT and explain it.

6.Write a notes on Lissajous figures?

7.With neat sketch explain pulse generator?

8.Explain about Harmonic Distortion Analyzer.

9.List out the microphones & loud speakers and explain any one from each type?

10.Explain about Inductive transducers?

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I-MONTHLY EXAM DECEMBER-2021

V-SEMESTER

CLASS : III.B.Sc(CS)'A'&'B' | GUI PROGRAMMING | MARKS : 50

TIME : 2 HOURS | SECTION-A | 10 * 1 = 10

CHOOSE THE CORRECT ANSWER

1. Visual Basic is a tool that allows you to develop application in__
a. Real time b. Graphical User Interface c. Menu Driven d. None Of These

2. IDE stands for.....
a. Internet Development Environment b. Integrated Dual Environment c. Integrated Environment d. Integrated Desktop Environment

3. Which of the following provides quick access to commonly used commands in the programming environment
a. Toolbox b. Object browser c. Toolbar d. None of these

4. __is used for finding out about objects, properties and methods.
a. Object browser b. Property window c. Form layout window d. Code editor window

5. In ..... window we can write code
a. Immediate window b. Locals window c. Code editor window d. None of these

6. The form module has file extension.
a. .frb b. .fra c. .frm d. .fru

7. A text box can hold as many as ..... characters for a multi-line text
a. 42000 b. 48000 c. 23000 d. 32000

8. Control is used to display text, but user cannot change it directly.
a. Textbox b. Labelbox c. Listbox d. Commandbutton

9. The default datatype for Visual Basic is__
a. Integer b. Boolean c. Variant d. String

10. Properties can be viewed in two ways
a. Alphabetic and Categorized b. Alphabetic and Numeric c. Numeric and Alphanumeric d. None of these

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SECTION-B

2 *5 = 10

ANSWER ANY TWO QUESTIONS

11. Explain any 10 Tool box in VB?

12. . Discuss about parts of code Window in VB?

13. Explain the steps to create Menu editor in VB with the neat diagram?

SECTION-C

3 * 10 = 30

ANSWER ANY THREE QUESTIONS

14. Discuss in detail about Toolbars in VB?

15. Write the VB program to create the Arithmetic Calculator

16. Explain about Control Statements in VB in detail?

17. Explain in detail about the types of files in VB ?

18. Write the VB program to generate the Sum of N numbers?

ALL THE BEST

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DEPARTMENT OF COMPUTER SCIENCE

MODEL EXAMINATION

CLASS: II-B.sc(CS),BCA **MARKS: 75**

SUBJECT: Relational Database Management System **DATE: -06-2022**

Part-A

ANSWER ALL THE QUESTIONS **15x 1=15**

1.A relational database consist of a collection of

(a) Tables (b) Fields (c) Records (d) Keys

2. The term_____ is used to refer to a row

(a)Attribute (b)Tuple (c)Field (d) Instances

3.Course(course_id, sec_id, semester) Here the course_id,sec_id and semester are____ and course is a___

(a) Relation,Attribute (b) Attribute, Relation (c)Tuple, Attribute (d) Tuple, Relation

4. Consider attribute ID,CITY and NAME. Which one of this can be considered as a superkey?

(a) NAME (b)ID (c)CITY (d) CITY,ID

5. The _____ Operations allows the combining of two relations by merging pairs of tuples, one from each,relation,into a single tuples?

(a) Select (b) Project (c) Join (d) Union

6. The _____ operator takes the results of two queries and returns only rows that appear in both result sets.

(a) Union (b)Intersect (c)Difference (d)Projection

7. Updates that violate _____ are disallowed?

(a) Integrity constraints (b) Transaction control (c)Authorization (d) DDL constraints

8. In SQL the spaces at the end of the string are removed by _____ function?

(a)Upper (b) String (c)Trim (d)Lower

9. Aggregate functions are function that takes a _____ as input and return a single value.

(a) Collection of value (b) Single value (c) Aggregate value (d) Both a & b

10.A function that has no partial functional dependencies is in _____ form?

(a) 3NF (b) 2NF (c) 4NF (d)BCNF

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11. 4NF is designed to cope with

(a)Transitive dependency (b) Join dependency (c) Multivalued dependency (d) None of these

12. Every Boyce-codd normal form is in

(a) First Normal Form (b) Second Normal Form (c) Third Normal Form (d) All of the above

13. A_____ consists of a sequence of query and or update statements.

(a) Transaction (b) Commit (c) Rollback (d) Flashback

14. What are the ways of dealing with deadlock?

(a) Deadlock Prevention (b) Deadlock Recovery (c) Deadlock Detection (d) All of the above

15. The situation where the lock waits only for a specified amount of time for another lock to be released?

(a) Lock timeout (b) Wait-wound (c) Timeout (d) Wait

PART B — (2 × 5 = 10 marks)

Answer any TWO questions.

16. Describe Database Language.

17. What is the Nested Sub query?

18. What are Domain Constraints?

19. What is the goal of relational database design?

20. What are the states of transaction?

PART C — (5 × 10 = 50 marks)

Answer ALL questions.

21. (a) With a neat diagram, explain the Structure of a DBMS? **(Or)**

(b) Compare File system and DBMS

22. (a) Explain about the structure of relational databases? **(Or)**

(b) Explain about the joined relations?

23. (a) Explain the concept of Triggers with example? **(Or)**

(b) List the types of Authorization?

24. (a) Discuss about 1NF and 2NF? **(Or)**

(b) Discuss about 3NF and 4 NF?

25. (a) What is the transaction state and its ACID properties? **Or)**

(b) Explain the following protocols 1. Lock based Protocols 2. Time stamp based Protocols?

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CO'S Patterns

S.NO	CO'S	Questions.No		
		PART-A	PART-B	PART-C
1.	CO-1	1,2,3	16	21(a),(b)
2.	CO-2	4,5,6	17	22(a),(b)
3.	CO-3	7,8,9	18	23(a),(b)
4.	C0-4	10,11,12	19	24(a),(b)
5.	CO-5	13,14,15	20	25(a),(b)

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S.No. 4905 **17UCM07**

(For the candidates admitted from 2017–2018 onwards)

B.Com. DEGREE EXAMINATION, APRIL/MAY 2021.

Third Semester

BANKING THEORY LAW AND PRACTICE

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define Bank.

   வங்கி வரையறு.

2. Give the meaning of Inspection.

   ஆய்வு என்பதன் பொருள் தருக.

3. What do you mean by Universal Bank?

   உலகளாவிய வங்கி பற்றி நீவிர் அறிவது என்ன?

4. State the meaning of fixed deposit.

   நிலை வைப்பு என்பதன் பொருளை எழுதுக.

5. What is a central bank?

   மத்திய வங்கி என்றால் என்ன?

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6. Give the meaning of Monetary Policy.

பணவியல் கொள்கை என்பதன் பொருள் தருக.

7. Define Cheque.

காசோலை வரையறு.

8. What is meant by holder in due course?

குறிப்பிட்ட கால வைத்திருப்பு என்றால் என்ன?

9. Give the meaning of credit Card.

கடன் அட்டை என்பதன் பொருள் தருக.

10. What is demat account?

டிமேட் கணக்கு என்றால் என்ன?

PART B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) What are the special types of customers?

சிறப்பு வகையான வாடிக்கையாளர்கள் யாவை?

Or

(b) Explain the importance of Bank.

வங்கியின் முக்கியத்துவத்தை விளக்குக.

12. (a) What are the classification of Advances?

முன்தொகைகளின் வகைகள் யாவை?

Or

(b) Explain the principles of Sound Bank lending.

சிறந்த வங்கி கடன் வழங்குவதின் முக்கிய கோட்பாடுகளை விளக்குக.

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13. (a) State the objectives of Reserve Bank.

ரிசர்வ் வங்கியின் நோக்கங்களை எழுதுக.

Or

(b) Explain the organisation structure for Central Bank.

மத்திய வங்கியின் வடிவமைப்புகளை விளக்குக.

14. (a) What are the features of Negotiable Instrument?

பேச்சு வார்த்தைகுட்பட்ட கருவியின் அம்சங்கள் யாவை?

Or

(b) Explain the types of Endorcement.

மேற்குறிப்பு எழுதலின் வகைகளை விளக்குக.

15. (a) State the difference between Debit Card and Credit Card.

பற்று அட்டைக்கும், கடன் அட்டைக்கும் உள்ள வேறுபாட்டினை எழுதுக.

Or

(b) Write a short notes on WAP.

WAP – பற்றி ஒரு சிறு குறிப்பு எழுதுக.

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PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the functions of Bank.

வங்கியின் பணிகளை விளக்குக.

17. Discuss the factors that are taken into consideration by commercial banks while lending of Investing.

முதலீட்டினை வழங்கும்போது வணிக வங்கி கவனத்தில் கொள்ள வேண்டிய காரணிகளை பற்றி விவாதிக்க.

18. Enumerate the measures of Credit Control and their effectiveness.

கடன் கட்டுப்பாட்டின் நடவடிக்கைகள் மற்றும் செயல்திறனை கணக்கிடுக.

19. Describe the protection available to the paying banker under Sec–131 of negotiable Instrument Act.

பேச்சு வார்த்தைகுட்பட்ட கருவி சட்டத்தின் 131–கீழ் செலுத்தும் வங்கியாளருக்கு கிடைக்ககூடிய பாதுகாப்பை விவரி.

20. Explain the benefits of Internet Banking.

இணைய தள வங்கியின் நன்மைகளை விளக்குக.

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MINUTES OF END SEMESTER MEETING

Department of ...commerce.....

Academic year / Semester: 2020-2021 / EVEN

Minutes of End Semester Meeting on 04.05.2021 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility
1	Pandemic period	Staff instruct to wear mask	Class in change
2	Pandemic period	Staff not allowed if any health issues	All staff
3	Fees pending	Kindly remained students to paid fees	Class in change
4	University instruction	Staff instruct to verify their students hall tickets	Class in change
5	College instruct	Students instructs to clear their no due form	Class in change
6	Courier the answer sheet	Students are requested send their answer sheets through courier	Class in change
7	Subject preference	Staff asked to their preference for next semester	All staff

Subject Allocation

S. No.	Class / Semester	Subject Code	Subject Name	Faculty Name
1	B.com/ V	19UCM12	Cost accounting	MRC
2	B.com/ V	19UCM13	Auditing	MNC & SK
3	B.com/ V	19UCM14	Income tax law & practice	RUV
4	B.com/ V	19UCM15	Information technology in business	EPR,SBC
5	B.com/ V	19UCMPR1	Project work	MRC,RUV,MNC,SK
6	B.com/ III	19UCM05	Business law	SK
7	B.com/ III	19UCM06	Corporate accounting I	MNC
8	B.com/ III	19UCM07	Banking theory law and practice	MRC
9	B.com/ III	19UCMS01	Capital market	MRC
10	B.com/ III	19USTA10	Business statistical methods	MG,RK
11	B.com/ I	21UCM01	Principles of accountancy	SK
12	B.com/ I	21UCM02	Business communication	RUV
13	B.com/ I	20UPEC01	Professional English for commerce and management	MNC
14	B.com/ I	21UVE01	Value education YOGA	MNC

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Class Advisors:

S. No.	Class	Semester	Name of the Class Advisor
1	B.com A	V	R.U.VIGNESH
2	B.com B	V	R.U.VIGNESH
3	B.com A	III	M.NANDHINI
4	B.com B	III	M.NANDHINI
5	B.com A	I	Dr.S.KAMALADEVI
6	B.com B	I	Dr.S.KAMALADEVI

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	DR.M.REVATHI	ASSISTANT PROFESSOR	4/5/21
2	Mr.R.U.VIGNESH	ASSISTANT PROFESSOR	04/05/2021
3	Mrs. M. NANDHINI	ASSISTANT PROFESSOR	4/5/21
4	Dr.S.KAMALADEVI	ASSISTANT PROFESSOR	4/5/21

ERUDITION EXERTION ELEVATION

HOD 4/5/21

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Academic year / Semester: 2020-2021 / EVEN

Minutes of Meeting on 21.04.2021 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	Staff and student safety	Staff and students are requested to take Safety requirements in the covid-19 period	All staff	21.4.2021 onwards
2	Staff and students vaccination	Give awareness for vaccination to students	All staff	21.4.2021
3	SC,ST scholarship form	SC,ST students asked to submit their scholarship form in our college office	Class in charge	26.4.2021

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	DR.M.RAVETHI	ASSISTANT PROFESSOR	21/4/21
2	Mr.R.U.VIGNESH	ASSISTANT PROFESSOR	21/04/21
3	Mrs. M. NANDHINI	ASSISTANT PROFESSOR	
4	Dr.S.KAMALADEVI	ASSISTANT PROFESSOR	21/4/21

SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Academic year / Semester: 2020-2021 / EVEN

Minutes of Meeting on 05.03.2021 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	Energy audit complete	Green and energy audit successfully completed on 3rd and 4th march 2021	All staff	Successfully Completed
2	Student practical record sheet	Staff asked to collect practical record sheets from office	Class in change	08.03.2021
3	Exam application	Exam application are updated with in the data	Class in change	15.03.2021
4	Syllabus completion	Syllabus portion completed on April	Subject in change	2.4.2021
5	Practical exams	Practical exams will be conducted except first year(25/3/2021 to 31/03/2021)	Subject in change	31.03.2021

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	DR.M.RAVETHI	ASSISTANT PROFESSOR	5/3/21
2	Mr.R.U.VIGNESH	ASSISTANT PROFESSOR	
3	Mrs. M. NANDHINI	ASSISTANT PROFESSOR	
4	Dr.S.KAMALADEVI	ASSISTANT PROFESSOR	5/3/21

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Academic year / Semester: 2020-2021 / EVEN

Minutes of Meeting on 01.02.2021 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	ISO Auditing	Successfully ISO End meeting completed on 23th January 2021	All staff	23.02.2021
2	Staff subject handle	Effectively handled their subject in classes	Subject in change	31.03.2021
3	Staff workload and time table	Workload and timetable is prepare as soon as passible	All Staff	4.2.2021
4	Department programs and events	The departments programs and events will be submitted to IQAC call	All staff	4.2.2021
5	SC,ST students details	SC, ST students data should submitted to office	Class in change	4.2.2021

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	DR.M.RAVETHI	ASSISTANT PROFESSOR	1/2/21
2	Mr.R.U.VIGNESH	ASSISTANT PROFESSOR	01/02/21
3	Mrs. M. NANDHINI	ASSISTANT PROFESSOR	
4	Dr.S.KAMALADEVI	ASSISTANT PROFESSOR	1/2/21

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Academic year / Semester: 2020-2021 / EVEN

Minutes of Meeting on 18.01.2021 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	ISO auditing	Staff asked to prepare ISO auditing on 21 to 23 January 2021	All staffs	21.01.2021
2	University instruction	Online exam May be first year students	Class in charge	
3	Syllabus	Staffs are instruct to Complete the syllabus for fist year students	Subject In charge	29.01.2021
4	Third year regular class	As per government norms third year students offline classes starts an 25th January 2021	Class in charge	22.01.2021
5	Staff publication	Staffs are intimated to publish their articles	All staff	26.02.2021

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	DR.M.RAVETHI	ASSISTANT PROFESSOR	18/1/21
2	Mr.R.U.VIGNESH	ASSISTANT PROFESSOR	18/01/21
3	Mrs. M. NANDHINI	ASSISTANT PROFESSOR	
4	Dr.S.KAMALADEVI	ASSISTANT PROFESSOR	18/1/21

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MINUTES OF END SEMESTER MEETING

Department of .....COMMERCE.....

Minutes of End Semester Meeting on 05.12.2020 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility
1	online exam	Staff asked to instruct the final year and second year students online exam starts from 21.12.2019.	Class In-Charge
2	online exam	Students instruct to prepare well for their online exam	Class In-Charge
3	University instruction	Online exam university instruction passed to students	Class In-Charge
4	courier the answer sheet	Staff asked to instruct the students for answer sheet courier	Class In-Charge
5.	Subject preference	Staff asked to their subject preference for next semester	All staff

Subject Allocation

S. No.	Class /Semester	Subject Code	Subject Name	Faculty Name
1	B.com/II	19UCM03	Financial Accounting	M.Nandhini
2	B.com/II	19UCM04	Business Management	R.U.Vignesh
3	B.com/IV	19UCM08	Company Law	R.U.Vignesh
4	B.com/IV	19UCM09	Corporate Accounting II	M.Nandhini
5	B.com/IV	19UCM11	Principles of marketing	Dr.M.Revathi
6	B.com/IV	19UCMS02	Project methodology	Dr.M.Revathi
7	B.com/IV	19UCMSP02	Tally Practical –II	R.U.Vignesh
8	B.com/IV	19UBAN02	Human Resource Management	M.Nandhini
9	B.com/VI	17UCM16	Management Accounting	Dr.M.Revathi
10	B.com/VI	17UCM17	Entrepreneurial Development	M.Nandhini
11	B.com/VI	17UCM18	Income tax Law & Practice – II	R.U.Vignesh
12	B.com/VI	17UCME04	Fundamentals of Insurance	E.Prabagar raj
13	B.com/VI	17UCMP01	Commerce practical	Dr.M.Revathi R.U.Vignesh M.Nandhini

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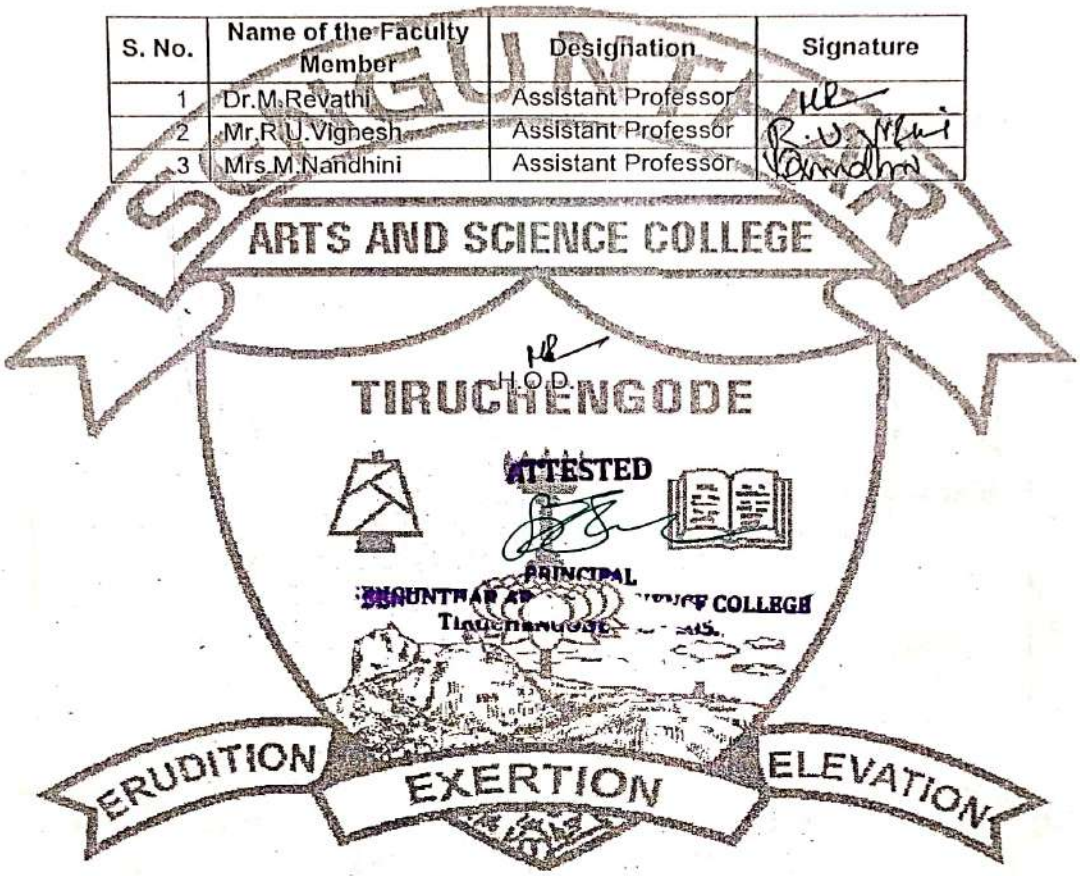
Class Advisors:

S. No.	Class	Semester	Name of the Class Advisor
1	B.Com	II	M.Nandhini
2	B.Com	IV	R.U.Vignesh
3	B.Com	VI	Dr.M.Revathi

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	Dr.M.Revathi	Assistant Professor	
2	Mr.R.U.Vignesh	Assistant Professor	
3	Mrs.M.Nandhini	Assistant Professor	



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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Minutes of Meeting on 5.10.2020 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	original certificates of first year	Staff asked to instruct the first year students to submit their original certificates	All staff	14.10.2020
2	online class	Staff instruct to starts online class for first year students also.	All staff	5.10.2020
3	Online exam	Second year and final year students have to prepare well for their exam.	Class-In-Charge	5.10.2020
4	SSR report	Staff members asked to prepare SSR report	Class In-Charge	5.10.2020

Members Present

S. No.	Name of the Faculty Member	Designation	Signature
1	Dr.M.Revathi	Assistant Professor	
2	Mr.R.U.Vignesh	Assistant Professor	
3	Mrs.M.Nandhini	Assistant Professor	

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Minutes of Meeting on 4.9.2020 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	Admission	Staff member asked to concentrate admission	All staff	4.9.2020
2	Admission	Staff instruct to communicate with students for admission	All staff	4.9.2020
3	University instruction	Online exam university instruction passed to students	Class In-Charge	14.9.2020
4	courier the answer sheet	Staff asked to instruct the students for answer sheet courier	Class In-Charge	14.9.2020

Members Present

S. No.	Name of the Faculty Member	Designation	Signature
1	Dr.M.Revathi	Assistant Professor	
2	Mr.R.U.Vignesh	Assistant Professor	
3	Mrs.M.Nandhini	Assistant Professor	

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Minutes of Meeting on 3.8.2020 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	Update internal marks	Update internal marks for all students	All staff	23.8.2020
2	Attendance percentage	Staff asked to submit Attendance percentage of students	Class In-charge	7.8.2020
3	online exam	Final year students asked to prepare well for their online exam	Class In-charge	21.09.2020
4	online exam	Online exam will be condut on the date 21.09.2020	Class In-charge	3.8.2020

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	Dr.M.Revathi	Assistant Professor	
2	Mr.R.U.Vignesh	Assistant Professor	R.U.Vignesh
3	Mrs.M.Nandhini	Assistant Professor	M.Nandhini

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MINUTES OF DEPARTMENT MEETING

Department of .....COMMERCE.....

Minutes of Meeting on 02.07.2020 at 01.30 p.m. at HOD Cabin

S. No.	Points Discussed	Decision Taken	Responsibility	Target Date
1	online classes	Instruct to staff member for conduct online classes	All subject in charge	02.07.2020
2	Webinar programme	Our department planned for webinar programme	All our staff	20.07.2020
3	Yoga program	Yoga program conduct by NSS through online	All staff	20.07.2020
4	Arogya Sethu App	Staff instruct to download Arogya Sethu app in covid-19 period	All our staff	02.07.2020
5	online class	Students instruct to attend their all online class stpoerly	Class In-charge	02.07.2020

Members Present:

S. No.	Name of the Faculty Member	Designation	Signature
1	Dr.M.Revathi	Assistant Professor	
2	Mr.R.U.Vignesh	Assistant Professor	
3	Mrs.M.Nandhini	Assistant Professor	

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DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

CLASS COMMITTEE MEETING-2020-2021

It is here by informing that, our department has conducted **Class Committee Meeting** for ODD semester on 31.08.2020.The class **REPRESENTATIVES** of all UG students are requested to attend the meeting. The Class Committee Meeting conducted through online mode at 10.30 am.

NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE

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DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

CLASS:ALL UG
SEMESTER: ODD
VENUE: ONLINE MODE
NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

DATE: 02.09.2020
TIME: 10.30 AM
MEETING NO:01

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE

MINUTES OF MEETING (BEFORE EXAMINATION)

- Students were instructed to be attentive in the online classes.
- Students are asked to participate free online webinars and quiz programs
- Students are asked to participate free online webinars and quiz programs
- The students were advised to intimate the respective faculty advisor for any remedial classes or extra classes for any subject with in a week time.
- Students were asked to be punctual for their online classes .
- Syllabus completion was discussed.
- Online class attendance.

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- Syllabus completion.

S.NO	CLASS	NAME OF THE SUBJECT	SYLLABUS COMPLETION REPORT	NOTES	REMARKS
1	III B.Sc BIOCHEMISTRY	CLINICAL BIOCHEMISTRY	1-UNIT	GIVEN	
2	III B.Sc BIOCHEMISTRY	MOLECULAR BIOOGY	1-UNIT	GIVEN	
3	III B.Sc BIOCHEMISTRY	HUMAN PHYSIOLOGY	1-UNIT	GIVEN	
4	III B.Sc BIOCHEMISTRY	ELE:I NUTRITIONAL BIOCHEMISTRY	1-UNIT	GIVEN	
5	III B.Sc BIOCHEMISTRY	SBEC:GENETIC ENGINEERING	1-UNIT	GIVEN	
6	II B.Sc BIOCHEMISTRY	TAMIL III	1-UNIT	GIVEN	
7	II B.Sc BIOCHEMISTRY	ENGLISH III	1-UNIT	GIVEN	
8	II B.Sc BIOCHEMISTRY	ENZYMES	1-UNIT	GIVEN	
9	II B.Sc BIOCHEMISTRY	BIOSTATISTICS	1-UNIT	GIVEN	
10	II B.Sc BIOCHEMISTRY	SBEC: CELL BIOLOGY	1-UNIT	GIVEN	
11	II B.Sc BIOCHEMISTRY	NMEC:INDUSTRIAL CHEMISTRY	1-UNIT	GIVEN	

HOD 3/9/20

PRINCIPAL 3/9/20

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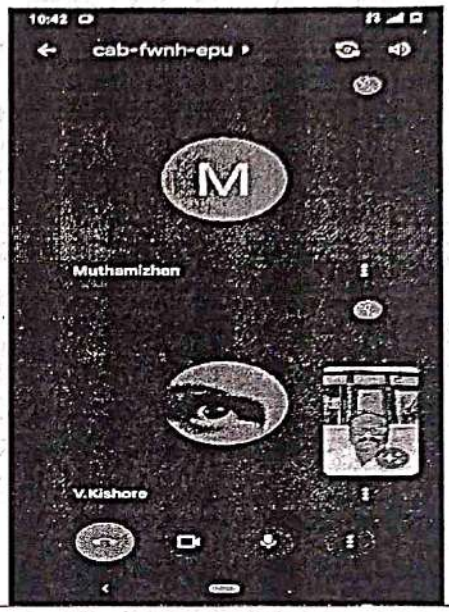
S.NO	DATE	LINK	SNAPSHOT
1	02.09.2020	https://meet.google.com/cab-fwnh-epu	

H. O. D 3/9/20

ATTESTED

3/9/20

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SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Since 1991

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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

ISO 9001 REGISTERED

DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

CLASS COMMITTEE MEETING-2020-2021

It is here by informing that, our department has conducted **Class Committee Meeting** for ODD semester on 16.11.2020.The class **REPRESENTATIVES** of all UG and PG students are requested to attend the meeting. The Class Committee Meeting conducted through online mode at 1.00 pm.

NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

ATTESTED

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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

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DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

CLASS: ALL UG & PG
SEMESTER: ODD
VENUE: ONLINE MODE
NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

DATE: 18.11.2020
TIME: 1.00 PM
MEETING NO: 02

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

MINUTES OF MEETING (BEFORE EXAMINATION)

- Students were advised to score good internal marks.
- Students are asked to participate free online webinars and quiz programs
- The students were advised to intimate the respective faculty advisor for any remedial classes or extra classes for any subject with in a week time.
- Students were asked to be punctual for their online classes .
- Students were asked to improve their communictive skill.
- Syllabus completion was discussed.
- Students were advised to increase the presentage.

ATTESTED

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- Syllabus completion.

S.NO	CLASS	NAME OF THE SUBJECT	SYLLABUS COMPLETION REPORT	NOTES	REMARKS
1	III B.Sc BIOCHEMISTRY	CLINICAL BIOCHEMISTRY	FULL UNIT	GIVEN	
2	III B.Sc BIOCHEMISTRY	MOLECULAR BIOOGY	FULL UNIT	GIVEN	
3	III B.Sc BIOCHEMISTRY	HUMAN PHYSIOLOGY	FULL UNIT	GIVEN	
4	III B.Sc BIOCHEMISTRY	ELE:I NUTRITIONAL BIOCHEMISTRY	FULL UNIT	GIVEN	
5	III B.Sc BIOCHEMISTRY	SBEC:GENETIC ENGINEERING	FULL UNIT	GIVEN	
6	II B.Sc BIOCHEMISTRY	TAMIL III	FULL UNIT	GIVEN	
7	II B.Sc BIOCHEMISTRY	ENGLISH III	FULL UNIT	GIVEN	
8	II B.Sc BIOCHEMISTRY	ENZYMES	FULL UNIT	GIVEN	
9	II B.Sc BIOCHEMISTRY	BIOSTATISTICS	FULL UNIT	GIVEN	
10	II B.Sc BIOCHEMISTRY	SBEC: CELL BIOLOGY	FULL UNIT	GIVEN	
11	II B.Sc BIOCHEMISTRY	NMEC:INDUSTRIAL CHEMISTRY	FULL UNIT	GIVEN	
12	I M.Sc BIOCHEMISTRY	BIOMOLECULES	FULL UNIT	GIVEN	
13	I M.Sc BIOCHEMISTRY	ADVANCED ENZYMOLOGY	FULL UNIT	GIVEN	
14	I M.Sc BIOCHEMISTRY	CELL AND CANCER BIOLOGY	FULL UNIT	GIVEN	
15	I M.Sc BIOCHEMISTRY	BIOANALYTICAL TECHNIQUES	FULL UNIT	GIVEN	

HOD 19/11/20

SENGUNTHAR ARTS AND SCIENCE COLLEGE 637 205 NAMAKKAL DT. TIRUCHENGODE

9/11/20

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TIRUCHENGODE ... 205.

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Since 1991

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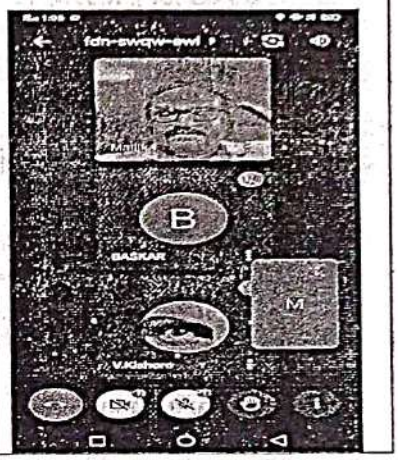
DEPARTMENT OF BIOCHEMISTRY

CLASS COMMITTEE MEETING-2020-2021

S.NO	DATE	LINK	SNAPSHOT
1	18.11.2020	https://meet.google.com/fdn-swqw-ewi	

H. O.D. 19/11/20

ATTESTED

9/11/20

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DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

CLASS COMMITTEE MEETING-2020-2021

It is here by informing that, our department has conducted **Class Committee Meeting** for EVEN semester on 20.01.2021.The class **REPRESENTATIVES** of all UG and PG students are requested to attend the meeting. The Class Committee Meeting conducted through online mode at 1.00 pm.

NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

ATTESTED

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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu

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DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

CLASS:ALL UG & PG
SEMESTER: EVEN
VENUE: ONLINE MODE
NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

DATE:22.01.2021
TIME: 1.00 PM
MEETING NO: 01

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

MINUTES OF MEETING (BEFORE EXAMINATION)

- Students were instructed to be attentive in the class rooms.
- University exam results of the previous semester were discussed and students were advised to increase the presentage.
- Students were instructed to meet their respective guides during project hour without fail.
- The students were advised to intimate the respective faculty advisor for any remedial classes or extra classes for any subject with in a week time.
- Students were asked to be punctual for their classes .
- Syllabus completion was discussed.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE 637 205.

- Syllabus completion.

S.NO	CLASS	NAME OF THE SUBJECT	SYLLABUS COMPLETION REPORT	NOTES	REMARKS
1	III B.Sc BIOCHEMISTRY	IMMUNOLOGY	1-UNIT	GIVEN	
2	III B.Sc BIOCHEMISTRY	ENDOCRINOLOGY	1-UNIT	GIVEN	
3	III B.Sc BIOCHEMISTRY	PHARMACEUTICAL BIOCHEMISTRY	1-UNIT	GIVEN	
4	III B.Sc BIOCHEMISTRY	ELE: I MICROBIAL & INDUSTRIAL BIOCHEMISTRY	1-UNIT	GIVEN	
5	III B.Sc BIOCHEMISTRY	BIOINFORMATICS & NANOTECHNOLOGY	1-UNIT	GIVEN	
6	II B.Sc BIOCHEMISTRY	TAMIL IV	1-UNIT	GIVEN	
7	II B.Sc BIOCHEMISTRY	ENGLISH IV	1-UNIT	GIVEN	
8	II B.Sc BIOCHEMISTRY	INTERMEDIARY METABOLISM	1-UNIT	GIVEN	
9	II B.Sc BIOCHEMISTRY	ALLIED:E-COMMERCE TEHNIQUES	1-UNIT	GIVEN	
10	II B.Sc BIOCHEMISTRY	SBEC: PLANT BIOCHEMISTRY	1-UNIT	GIVEN	
11	II B.Sc BIOCHEMISTRY	NMEC:FOOD CHEMISTRY	1-UNIT	GIVEN	
12	I M.Sc BIOCHEMISTRY	INTERMEDIARY METABOLISM	1-UNIT	GIVEN	
13	I M.Sc BIOCHEMISTRY	MOLECULAR BIOLOGY AND GENETIC ENGINEERING	1-UNIT	GIVEN	
14	I M.Sc BIOCHEMISTRY	PLANT BIOCHEMISTRY AND BIOTECHNOLOGY	1-UNIT	GIVEN	
15	I M.Sc BIOCHEMISTRY	EDC: APPLIED BIOTECHNOLOGY	1-UNIT	GIVEN	
16	I M.Sc BIOCHEMISTRY	HUMAN RIGHTS	1-UNIT	GIVEN	

HOD 25/1/21

SENGUNTHAR ARTS AND SCIENCE COLLEGE 637 205 NAMAKKAL DT.

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DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

S.NO	DATE	LINK	SNAPSHOT
1	22.01.2021	https://meet.google.com/mus-rieh-cww	

H. O.D. 25/1/21

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25.1.21

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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu
Since 1991

DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

CLASS COMMITTEE MEETING-2020-2021

It is here by informing that, our department has conducted **Class Committee Meeting** for EVEN semester on 12.04.2021.The class **REPRESENTATIVES** of all UG and PG students are requested to attend the meeting. The Class Committee Meeting conducted through online mode at 1.00 pm.

NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

CLASS: ALL UG & PG
SEMESTER: EVEN
VENUE: BIOCHEMISTRY LAB
NAME OF THE CHAIR PERSON: MR.P.SENTHILKUMARAN

DATE: 16.04.2021
TIME: 1.00 PM
MEETING NO: 02

S. NO	CLASS	NAME OF THE REPRESENTATIVE	REPRESENTATIVE SIGN
1	III B.Sc BIOCHEMISTRY	MUTHAMIZHAN V J	ONLINE MODE
2	II B.Sc BIOCHEMISTRY	KISHORE V	ONLINE MODE
3	I M.Sc BIOCHEMISTRY	BASKAR G	ONLINE MODE

MINUTES OF MEETING (BEFORE EXAMINATION)

- Students were advised to score good internal marks.
- The students were advised to intimate the respective faculty advisor for any remedial classes or extra classes for any subject with in a week time.
- Students were asked to be punctual for their classes .
- Students were asked to improve their communictive skill.
- Syllabus completion was discussed.
- University exam results of the previous semester were discussed and students were advised to increase the presentage.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE 637 205.

- Syllabus completion.

S.NO	CLASS	NAME OF THE SUBJECT	SYLLABUS COMPLETION REPORT	NOTES	REMARKS
1	III B.Sc BIOCHEMISTRY	IMMUNOLOGY	FULL UNIT	GIVEN	
2	III B.Sc BIOCHEMISTRY	ENDOCRINOLOGY	FULL UNIT	GIVEN	
3	III B.Sc BIOCHEMISTRY	PHARMACEUTICAL BIOCHEMISTRY	FULL UNIT	GIVEN	
4	III B.Sc BIOCHEMISTRY	ELE: I MICROBIAL & INDUSTRIAL BIOCHEMISTRY	FULL UNIT	GIVEN	
5	III B.Sc BIOCHEMISTRY	BIOINFORMATICS & NANOTECHNOLOGY	FULL UNIT	GIVEN	
6	II B.Sc BIOCHEMISTRY	TAMIL IV	FULL UNIT	GIVEN	
7	II B.Sc BIOCHEMISTRY	ENGLISH IV	FULL UNIT	GIVEN	
8	II B.Sc BIOCHEMISTRY	INTERMEDIARY METABOLISM	FULL UNIT	GIVEN	
9	II B.Sc BIOCHEMISTRY	ALLIED:E-COMMERCE TEHNIQUES	FULL UNIT	GIVEN	
10	II B.Sc BIOCHEMISTRY	SBEC: PLANT BIOCHEMISTRY	FULL UNIT	GIVEN	
11	II B.Sc BIOCHEMISTRY	NMEC:FOOD CHEMISTRY	FULL UNIT	GIVEN	
12	I M.Sc BIOCHEMISTRY	INTERMEDIARY METABOLISM	FULL UNIT	GIVEN	
13	I M.Sc BIOCHEMISTRY	MOLECULAR BIOLOGY AND GENETIC ENGINEERING	FULL UNIT	GIVEN	
14	I M.Sc BIOCHEMISTRY	PLANT BIOCHEMISTRY AND BIOTECHNOLOGY	FULL UNIT	GIVEN	
15	I M.Sc BIOCHEMISTRY	EDC: APPLIED BIOTECHNOLOGY	FULL UNIT	GIVEN	
16	I M.Sc BIOCHEMISTRY	HUMAN RIGHTS	FULL UNIT	GIVEN	

HOD 19/4/21

SENGUNTHAR ARTS AND SCIENCE COLLEGE 637 205 NAMAKKAL DT. TIRUCHENGODE.

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DEPRTMENT OF BIOCHEMISTRY
CLASS COMMITTEE MEETING – 2020-2021

S.NO	DATE	LINK	SNAPSHOT
1	16.04 2021	https://meet.google.com/vqo-byrg-wzu	

H. O. D. 19/4/21

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ERODE ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)
Rangampalayam, Erode 638 009, Tamil Nadu

U9LWTY-CE000084

INTERNAL QUALITY ASSURANCE CELL (IQAC)

and

DEPARTMENT OF COMMERCE (UN-AIDED) & COMMERCE (BANKING & INSURANCE) (UN-AIDED)

E-Certificate

This is to Certify that

Dr. S. KAMALADEVI ,Assistant Professor of Commerce
ERODE ARTS AND SCIENCE COLLEGE, ERODE

has participated in the Faculty Development Programme on "MICRO TEACHING – "A CONCEPTUAL FRAMEWORK" held on 10th April 2021, organized by Department of Commerce (SF) and Commerce (Banking & Insurance) (SF).

Convenor	Organizing Secretary	Coordinator	Dr.R.SANKARASUBRAMANIAN
Dr.B.VIDYA	Mr.T.CHARLES VICTOR	Dr.S.M.JAYASUDHA	Principal
Assistant Professor & Head	Assistant Professor & Head	Coordinator, IQAC	

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TIRUCHENGODE - 637 205.

ERODE ARTS AND SCIENCE COLLEGE

ERODE - 638009

An Autonomous Institution Re-accredited by NAAC & Affiliated to Bharathiar University

INTERNAL QUALITY ASSURANCE CELL &

DEPARTMENT OF BUSINESS MANAGEMENT (Aided & Unaided)

"VIRTUAL FACULTY EMPOWERMENT PROGRAM"

E-Certificate of Participation

This is to certify that

Dr. S. KAMALADEVI

Assistant Professor of Commerce

Erode Arts and Science College, Erode.

has actively participated in the Virtual Faculty Empowerment Program on "Emotional Intelligence: Mastering the Emotions of Teachers of HEI's" on 11th July, 2020.

BO1UHY-CE000128

Mrs.R.GEETHA	Dr.P.AYYAPPAN	Dr.R.Vanathi	Dr.R.Venkatachalam
Organising Secretary	Organising Secretary	Convener	Principal

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TIRUCHENGODE - 637 205.

KHADIR MOHIDEEN COLLEGE

Reaccredited with B Grade by NAAC

ADIRAMPATTINAM-614701, THANJAVUR DISTRICT, TAMILNADU, INDIA.

KALVI THANTHAI HAJI S.M.S.SHAIK JALALUDEEN
CENTENARY CELEBRATION 2020 ONE WEEK (FROM 01.07.2020 to 07.07.2020)
INTERNATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAMME
ON EFFECTS OF COVID-19 ON GLOBAL ECONOMY

Certificate

This is to certify that

Dr. S. KAMALADEVI
Assistant Professor
Commerce
Erode Arts and Science College

has successfully completed the International Level One week online Faculty Development Programme on **'EFFECTS OF COVID-19 ON GLOBAL ECONOMY'** *organized by* **PG and Research Department of Economics in Association with IQAC** *from 01.07.2020 to 07.07.2020*

Dr. Mrs. N.Chithra
Co-Ordinator / Organizing Secretary

Major Dr.P.Ganapathy
Convenor, Vice Principal and HOD

Dr.M. Mohamed Mohideen
Principal

Dr.S.J. Abul Hassan
Secretary

ATTESTED

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Recognized u/s 2(f) and 12(B) of UGC Act, 1956 and Accredited by NAAC
Tiruchengode - 637205, Namakkal Dt., Tamilnadu

e-Certificate of Participation

This is to certify that ***Dr./Mr./Mrs./Ms. M. CHINNUSAMY*** *, has participated in* ***National Level Webinar on Ancient Siddha Wisdom for Modern era - A Research Perspective****, jointly conducted by the Department of Biochemistry & Chemistry on 08.07.2020.*

Mr.P.SENTHILKUMARAN	Dr.S. POORNIMA	Dr.S.RAVIKUMAR	Prof. A. BALADHANDAPANI
HOD	HOD	Principal	Dean & Joint Secretary
Biochemistry	Chemistry		

ATTESTED

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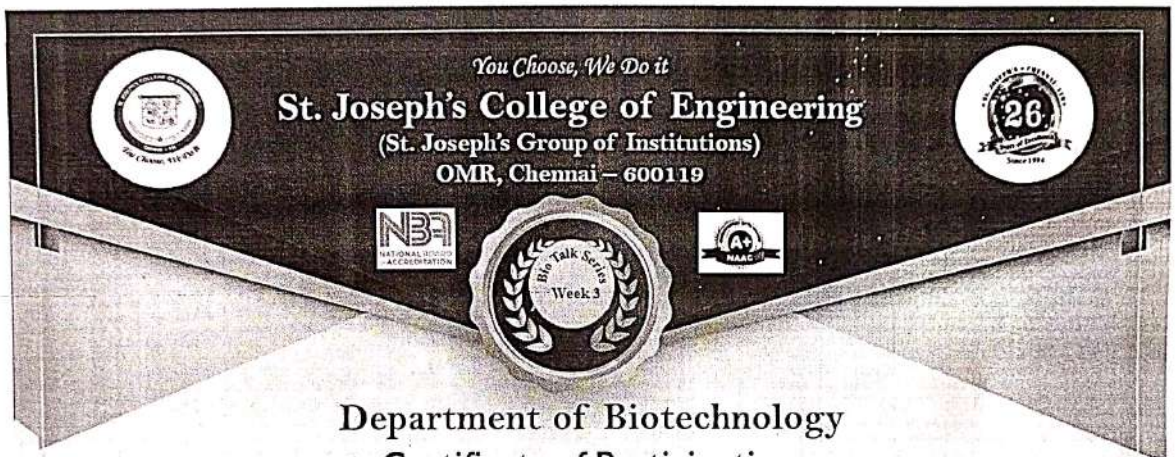
Certificate Number: 3MWJJO-CE000018

This is an e-Certificate, hence signature not required.



Department of Biotechnology

Certificate of Participation

This is to certify that

P.VANATHI

of Sengunthar Arts and Science College, Tiruchengode, Namakkal district Tamilnadu

has participated in the Bio Talk Series - Week 3 on **"BIOCONJUGATION OF THERAPEUTIC ENZYME URICASE FOR GOUT DISEASE"** organized by the Department of Biotechnology, St. Joseph's College of Engineering on 21st July, 2020.

Ms. G. Kalavathy	Dr. V. Renuka	Dr. G. Sreekumar	Dr. Vaddi Seshagiri Rao
Organizer	Convenor	Head of the Department	Principal

ATTESTED

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(St.Joseph's Group of Institutions)
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NATIONAL BOARD OF ACCREDITATION

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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE OF PARTICIPATION

is hereby awarded to

Dr. Vanathi P

of

Sengunthar Arts and Science College Tiruchengode

for participating in **"Virtual International Conference on Global Research Trends in Biotechnology - 2020 (VICGRTB-2020)"** from **15th to 18th June 2020**

Dr. M. Chamundeeswari	Ms. K. R. Preethy	Dr. G. Sree Kumar	Dr. Vaddi Seshagiri Rao
Convenor	Co-convenor	Head of the Dept	Principal

ATTESTED

E Certificate

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PSG College of Arts & Science

Since 1947

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Accredited with 'A' Grade by NAAC (3rd cycle)
College with Potential for Excellence (Status Awarded by the UGC)
Star College Status Awarded by DBT-MST
An ISO 9001:2015 Certified Institution
Coimbatore-641014

ISO 9001:2015

PG Department of Botany and Department of Clinical Nutrition and Dietetics

e – Certificate of Participation

This is to certify that **Dr. P. VANATHI, Head & Assistant Professor** of **Sengunthar Arts and Science College Tiruchengode** has participated in the 3 Days Community Development Programme on **"Improve Your Health - Need of the Hour"** held from 25.06.2020 to 27.06.2020 through Google Meet Platform Technology organized by PG Department of Botany and Department of Clinical Nutrition and Dietetics, PSG College of Arts & Science, Coimbatore.

Certificate ID : CYRMD4-CE000046

Dr. D. Shanthi	Dr. R. Prabakaran	Dr. D. Brindha
Head	Head i/c,	Principal
Dept. of Clinical Nutrition and Dietetics	PG and Research Dept. of Botany	

This certificate is auto-generated hence no signature is required

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TIRUCHENGODE - 637 205.

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40

K. L. E. Society's

P. C. Jabin Science College

Autonomous, Hubballi, Karnataka, India

CPE-Continuation Phase-III, Re-Accredited by NAAC at 'A' Level

Certificate of Participation

This is to certify that Dr.P.VANATHI from Sengunthar Arts and Science College,Tiruchengode, Tamilnadu, India, has participated in one day National Webinar on "Global Approaches in Patent Laws" organized by the Department of Chemistry, on 14th July 2020.

Dr. Padmeshwary R	Smt. Shashikala Patil	Dr. L. D. Horakeri
Convenor	HOD	Principal

ATTESTED

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Thangavelu Textile Mills Pvt. Ltd.,

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Regd. Office & Mill Address:
Old # 111/1, New # AK 68-16, Thathampatti, Near Ammapet Colony Bus Stop, Salem – 636 014. T.N.

TIN : 33172701351
CST No : 410466 / dt. 29.11.94 / IAC No.142
CIN : U17111TZ1993PTC004752

Phone: 0427 - 2241133
e-mail:tvtmills@gmail.com
www.thangavelutextile.com

Date: 18-02-2021

To

The Director,

Department of BBA,

Sengunthar Arts and Science College,

Tiruchengode- 637209

Dear Sir,

This is to certify that **Mr M KARTHICK (Reg. No. 19UBA1586)** Student of BBA in our college. He has done for his "In-Plant Training" in our organization. During this Training period **from 03-02-2021 to 18-02-2021 in our** Textiles Pvt Ltd

We wish his successful completed for his Training program. He has to comply with rules and regulation of the company

Thank You,

For Thangavelu Textiles Mills Pvt Ltd,

Authorized Signature,

A. MANIMARAN
(Assistant Manager)
Thangavelu Textile Mills Ltd.,
SALEM.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205

GSTIN : 33AACFV5736C1ZF
E-mail: vinothafab@gmail.com

Cell : 98427 41601

VINOTHA FABRICS

Office : 37, Vediyarasampalayam Road, Andikadu, Kumarapalayam T.K., Agraharam P.o.,
PALLIPALAYAM - 638 008. Namakkal D.T., Tamilnadu.

02.03.2021

Date.....

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **S.SUGANTHI** of B.B.A II year **Reg.No:** 19B338 a student from **Sengunthar Arts & Science College, Tiruchengode** completed her **INPLANT TRAINNIG** in our organization from **03.02.2021 to 18.02.2021**.During the organization Training period her character was good.

For VINOTHA FABRICS

P. [signature]

PARTNER

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Unit : S.F. No. 332/2, Komarapalayam Hi-Tech Weaving Park, Korapalliyur, Thattankutai Panchayat,
Komarapalayam - 638 183. Kumarapalayam T.K., Namakkal D.T., Tamilnadu

Thangavelu Textile Mills Pvt. Ltd.,

'with Consistency'

Mfrs.of : 2/57', 2/60', 3/60' of Premium 100% SIFT Polyester Sewing Threads

Regd. Office & Mill Address:

Old # 111/1, New # AK 68-16, Thathampatti, Near Ammapet Colony Bus Stop, Salem - 636 014. T.N.

TIN : 33172701351

CST No : 410466 / dt. 29.11.94 / IAC No.142

CIN : U17111TZ1993PTC004752

Phone: 0427 - 2241133

e-mail:tvtmills@gmail.com

www.thangaveluteztile.com

Date: 18-02-2021

To

The Director,

Department of BBA,

Sengunthar Arts and Science College,

Tiruchengode- 637209

Dear Sir,

This is to certify that **Mr M KARTHIK (Reg. No. 19UBA1587)** Student of BBA in our college. He has done for his "In-Plant Training" in our organization. During this Training period **from 03-02-2021 to 18-02-2021 in our Textiles Pvt Ltd**

We wish his successful completed for his Training program. He has to comply with rules and regulation of the company

Thank You,

For Thangavelu Textiles Mills Pvt Ltd,

Authorized Signature,

A. MANIMARAN
(Assistant Manager)
Thangavelu Textile Mills Ltd.,
SALEM.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205

SENGUNTHAR MILLS (P) LTD.,

Phone: 04288 - 274226. E-mail: smpltcd@gmail.com

Ref.No : SMPL/

Date:

19.02.2021

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that **K.SURIYA PRAKASH** of **B.B.A (Bachelor of Business Administration) Reg.No.19UBA1601** a student from **SENGUNTHAR ARTS AND SCIENCE COLLEGE, Tiruchengode** completed her **INPLANT TRAINING** in our esteemed institution form 03.02.2021 to 18.02.2021. During the institution training period her character was good.

For SENGUNTHAR MILLS (P) LTD.

K. RAJASEKARAN,
Managing Director.

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Mills at: 194/1, Pallipalayam Road, Varapalayam, THOKKAVADI - 637 215. Tiruchengode Tk, (Namakkal Dt.)
GSTIN :33AACCS9446B1ZJ CIN No.: U17111TZ1980PTC000928.

SANTHI PROCESSING UNIT PRIVATE LIMITED

Manufacturers & Exporters of Fabrics

DATE : 06.03.2021

TO WHOM SO EVER IT MAY CONCERN

THIS IS CERTIFY THAT MISS. S.SOBIYA , BBA – II REG NO : 19UBA1614

STUDENT OF SENGUNTHAR ARTS & SCIENCE COLLEGE TIRUCHENGODE ,

HAS DONE HER IN PLANT TRAINNING AT OUR SPINNING DIVISION FROM

(03.02.2021 TO 18.02.2021), DURING THE YEAR 2021.SHE HAS ATTENDED

THE TRAINNING REGULARLY.

DURING THIS PERIOD HER CONDUCT AND CHARACTER WERE GOOD.

FOR

SANTHI PROCESSING UNIT (P) LTD

AUTHORISED SIGNATORY

Santhi Processing Unit (P) Ltd. SPINNING DIVISION

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Factory - 1
SF No.524, Bhavani Road,
Sunnambu Odai, RN Pudur(Post)
Erode - 638 005. Tamilnadu, India.
Ph : 0424 - 2535863.
e-mail : dyeing@spupl.in

Factory - 2
SF. No.120 / 5,
Tho.Goundampalayam,
Kadachanallur p.o., Tiruchengode T.K.,
Namakkal D.T., Tamilnadu
e-mail : info@spupl.in

Admin & Regd Office :
3/1, Thillai Nagar 1st Street, KRP Nagar,
Pallipalayam, Erode - 638 008. T.N. India.
Ph : 04288 - 247991 to 247994
Fax : 04288 - 247995
e-mail : info@spupl.in

TIN NO : 33AAFFV5366D2Z7 S.S.I : 33-009-11-00304
CST NO : 428889/SLM/7-9-93 Sri Angalaparameswari Thunai

Vijayalakshmi Packaging Industries

Mfrs : Flexo Printed Paper Bags, Sheets &Rolls,
27/13, Kollampattarari Street, (Near : Jothi Theatre)
Namakkal - 637001.

காகித பை உபயோகிப்பீர்! நாட்டுநலன் காப்பீர்!

R. Dharmalingam
Managing Partner

Date :
DATE: 18.02.2021

Dear Sir/Madam

Sub: Reg- In-Plant Training Work - Completion

This is to bring that **Mr. SUGANTH.S (Reg.NO. 19UBA1600)** doing BBA in Sengunthar Arts and Science College, Tiruchengode- 637209. He has done for his In-Plant Training Work in our Vijayalakshmi Packaging Industries, Namakkal. During the Project Period from **03-02-2021 to 18-02-2021** we wish all success in his future endeavors.

For The Vijayalakshmi Packaging Industries,

R. Dharmalingam
Manager,

(R.DHARMALINGAM)

ATTESTED

PRINCIPAL
SENGUNTHAR ARTS AND SCIENCE COLLEGE
TIRUCHENGODE - 637 205.

Ph: 04286-233565 Cell : 9976441479, 9788014266