

Vazhakulam P.O., Muvattupuzha Ernakulam Dist., Kerala - 686 670 Tel: 0485 2262211 / 44 Email:vjcet@vjcet.org www.vjcet.org



1.1 Curricular Planning and Implementation

1.1.2. The institution adheres to the academic calendar including for the conduct of CIE

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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Academic Calendar - Jul 2019 to Jan 2020

(B.Tech, B.Arch, BHMCT, B.DeS, M.Tech, M.Arch, M.Planning, MCA and Evening B.Tech & M.Tech)

Please see separate Academic Calendar for MBA

Page 1/3 (Bold Numbers in Class indicates Instructional days) Oct-19 Aug-19 Sep-19 Jul-19 Class Class Date Class Days Date Days Class Date Date Days Days Description Description Description Description Commencement of Exam Registration 43 1 Tue 8 1 1 Sun Thu Classess for all other Mon 1 ends programs 2 Gandhi Jayanthi 2 27 Wed 9 Mon Fri 2 2 Tue 3 44 28 3 Thu 3 Tue Sat Wed 3 45 4 29 Fri Wed 4 4 4 Sun Thu 5 5 30 Sat 5 10 Thu Fri 5 Mon 6 6 31 Sun 11 Tue 6 Fri 6 Sat 7 Mon Mahanavami 17 7 Onam Vacation begins 7 Sat 7 Wed Sun 8 Vijayadasami 8 Tue Thu 8 13 Sun 8 Mon Induction program 46 9 Muharam Wed 9 14 Mon Fri 9 Tue 9 ends: S1 B.Tech 47 10 Thu 10 10 First Onam Tue Wed 10 Sat 48 11 Fri 11 Wed 11 Thiruvonam 11 Sun Thu Course-Sel, Reg & 12 Sat Thu 12 Third Onam 12 15 12 Mon Fri Mapping begins Fourth Onam Sun 13 13 16 Fri 13 13 Tue Sat 49 14 Mon 14 17 Sat Wed 14 14 Sun 15 50 Tue Independence Day 15 Onam Vacation ends Thu 15 Sun Mon 15 16 51 32 Wed 16 18 Mon 16 Classes reopens Fri 16 Tue **Exam Registration** 52 17 33 Thu 17 Tuc 17 Wed 17 Sat begins Fri 18 53 Wed 18 34 18 Thu 18 Sun 35 19 19 Sat 19 19 Thu 19 Mon Fri 20 Fri 20 36 Sun 20 20 Tue Sat 20 Sree Narayana Guru 54 21 Mon 21 21 Sat Wed 21 21 Sun Samadhi Day Commencement of Course-Sel, Reg & 55 22 22 Sun 22 Tue 22 Mon 22 Classess S1 1 Thu Mapping ends B.Tech/B.Arch Test 1 to be 56 37 Wed 23 23 Mon 2 Fri 23 Sreekrishna Jayanthi 23 Tue Completed 57 38 Thu 24 24 Sat 24 Tue 3 Wed 24 39 Fri 25 58 25 Wed 25 4 Sun Thu 25 26 40 Sat 26 23 Thu 5 Mon 26 26 Fri 27 Deepavali 41 Sun 24 Fri 27 Tue 27 27 Sat Sports Meet (Zon. Sports Meet (Coll. Birthday of 59 Mon 28 28 28 Sat 28 Wed Sun level) to complete level) to complete Ayyankali 60 Tue 29 29 25 Sun 29 6 Thu 29 Mon 61 47 Wed 30 26 Mon 30 30 lue 30 7 Fri 62 Thu 31 Sat 31 Karkadaka Vavu Wed 31



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Academic Calendar - Jul 2019 to Jan 2020

(B.Tech, B.Arch, BHMCT, B.DeS, M.Tech, M.Arch, M.Planning, MCA and Evening B.Tech & M.Tech)

Please see separate Academic Calendar for MBA

(Bold Numbers in Class indicates Instructional days)

5		Nov-1	9			122.2.2	Dec	(BOID NU	mbe	ers i	n Cla	ss indicates Ins	truct	ional	day	s)	Page 2,	/3
Dave	2	e		T	SS	0	Dec-	19	2 -	Sale?	C. C.	Jan-20		WERE V	CH AN		Feb-20	102
		1000	ription		Class	sybu	Des Des	cription	Class	Days	Date	Description		Class	Days	Date	Description	
Fr	1	1		-	63 SL	In	1			We	1 1	S7 B.Arch: Jury training	for		Sat	1		Town of the
Sa	t	2		11000	M	on :	2 IA Marks &	for Forwarding Attendance to all Programs -		Thu	2	Mannam Jayan	thi		Sun	2	and the second se	10 15 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Su	n	3			Tu	e 3	-			Fri	3			A MARTINE AND				
Mo	n	4		6	4 We	d 4	S7B.Arch,	S7B.Tech, MCA5 and S3 Begins		Sat	4	-	E State		/lon Tue	3		
Tue	2	5		6	5 Th	u 5	S3BHMCT,	Fech, S3B.Arch, MCA3, MCA PG Begins	and a second sec	Sun	5			M	Ved	5		
Wed		6 Test 2 Compi		66	6 Fri	6	S1 BHMCT	ech, SSB.Arch, S1 8 DeS and I Begins		Mon	6	Commencement classess for all ot programs		т	hu	6		-
Thu Fri	-	3		67		Contraction of the	and the state	Call Street		Tue	7	programs		-	ri	7		-
Sat	-	9	AND STEERE	68	S Sun	-			_	Wed	8			-	at	8		
Sun	1		internet in		Tue	-	-		-	Thu	9			1000	un	9	T. During av	
Non	-		Contraction of the local division of the loc	69	-				103	Fri Sat	10 11	HAN THE OWNER DATA	and the second	M	-	10		1
Tue	1			70	Thu	12		1111	100	Sun	12			and the second se		11		
Ved Thu	1	-		71	-	13		The state	100	Non	13		And Actual	W Th	-	12 13		+
Fri	1.	Class ends	n, Publish	72		14	Tree Parkets		100	Tue Ved	14			Fi	ri	14	The second second second	1
Sat	16	10	nce		Mon	16	Commence classess S2 B.		Т	hu	16			Su		15		A REAL PROPERTY AND INCOME.
un	17		in the St	副語	Tue	17			-	Fri	17		-	A.S.			·····································	
lon	18	program	ns	74	Wed	18				iat	18			Tu	-	17		F
ue	19	Start date Forwarding IA Attendance to I B Tech/B /	marks & Uty uí S1	75	Thu	19			SI	un	19			We	d 1	.9		-
ed	20	R LECTOR C		76	Fri	20			M	on	20		an sanja	10				
u	21	Last date for ev		77	Sat	21	Christmas V	Vacation						Thu	1 2	0	Contraction of the second second	
ri	22	of Jury(B.A. Last date f Forwarding IA r	for marks &	78	Sun	A-CONTRACT	begir	ns	TL	ar	21			Fri	2	1	Maha Shivarathri	
It	23	Attendance to U R Tech/R A	ty of S1		Mon	22			We		22	4		Sat	23	2		States All
n	24	のない。結果で	5.5		Tue	24	and setting	Contraction of the	Th Fr	-	23		-	Sun	and the second	1000		COLUMN A
n	25	Class ends for al programs, pul attendance	blish e	79	Wed	25	Christm	nas	Sa		5			Mon		1		
9	26	Start date for Forwarding IA M Attendance to I all other Progr	larks & Jty of ams		Thu	26			Sur	n 2	6	Republic Day		Wed	26		<i>e</i> ,	
d :	27	Exam S1/S8 B.Te B.Arch Beein			Fri	27			Мо	2 2			a the sta					
+		Last date for uplo Jury Marks (B.A	ading			28			Tue		-		-	Thu Fri	27 28	+		
2	29			1	Sun :	29		and the second	Wee	1 29	-		-	m	28		_	
3	0			N	Mon 3	30 S	asses reopens, I 7 B.Arch to Colle	ege after	Thu	-	1				-			
				T	Tue 3	11	training		Fri	31	-							

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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Academic Calendar: July 2019 to Jan 2020

(B.Tech, B.Arch, BHMCT, B.DeS, M.Tech, M.Arch, M.Planning, MCA and Evening B.Tech & M.Tech)

	Please see s	eparate Academic Calendar for MBA	Page 3/3
SI. No.			Important Dates
1.5		TER (2019-2020)	
1(a)	Commencement of ODD Semester Classes S1 B.Tech, S1 B.A.	rch	July 22, 2019
(b)	Induction Program for S1 B.Tech		July 22 to Aug 9, 2019
(c)	Commencement of ODD Semester for all other programs		Aug 1, 2019
(d)	Commencement of S1 B.Tech regular class		Aug 12, 2019
2	Course Committee/Class Committee Meeting		Aug 14 - 19, 2019
3	Course selection, Course Registration, Course Mapping		Aug 12 -22, 2019
4	Exam Registration		Sept 17 - Oct 1, 2019
5 -	Test 1 to be completed		Sept 23, 2019
6	College Level Sports to be completed		Sept 28, 2019
7	Zonal level Sports Fest To be completed		Oct 28, 2019
8	Test 2 to be completed		Nov 6, 2019
9	Course Committee/Class Committee Meeting	in the second second	Nov 4 -8, 2019
10	Classes Ends for S1 B.Tech/B.Arch and Publish Attendance		Nov 15, 2019
11	Publication of IA Marks of all programs		Nov 18, 2019
12	Submission of IA marks & Attendance by Colleges to Univer	sity of S1 B.Tech/B.Arch	Nov 19 - 22, 2019
13	Last date for evaluation of Jury(B.Arch)		Nov 21, 2019
14	Classes (EVEN Semester)Ends for all other programs and Pul	plication of Attendance	Nov 25, 2019
15	End Semester Examination S1 B.Tech/B.Arch, S8 B.Tech (Tir	ne Table will be published later)	Nov 27, 2019
16	Submission of IA Marks & Attendance by Colleges to University	sity of all other programs	Nov 26 - Dec 2, 2019
17	Last date for uploading of marks of Jury (B.Arch)		Nov 28, 2019
18	Exam S7B.Tech, S7B.Arch, MCA5 and S3 PG Begins (Time T	able will be published later)	Dec 4, 2019
19	Exam S3 B.Tech, S3B.Arch, S3BHMCT, MCA3, MCA 7 and S1	PG Begins (Time Table will be published later)	Dec 5, 2019
20	Exam S5 B.Tech, S5B.Arch, S1 BHMCT S1 B.DeS and MCA1 B	egins (Time Table will be published later)	Dec 6, 2019
21	Commencement of classess S2 B.Tech/B.Arch		Dec 16, 2019
22	Reporting the college after training by S7 B.Arch students		Dec 30, 2019
23	Jury for the Training: S7 B.Arch		Jan 1-3, 2020
24	Registration by S7 B.Arch students to S8 B.Arch		Jan 6, 2020
25	Commencement of classess for all other programs		Jan 6, 2020



MBA Academic Calendar - July 2019 - June 2020

(Bold Numbers in Class indicates Instructional days) Page 1/4

				_			in (_1a	ss in	arc	ates Instructional	ua	ys)		Pa	ge 1/4		
	<u> </u>	Jun-19			ř –	Jul-19	<u> </u>				Aug-19	<u> </u>	_			Sep-19	_	
Days	Date	Description		Days	Date	Description	11		Days	Date	Description	F	T 4	Days	Date	Description	T1	T4
Sat	1			Mon	1	T1 Batch 2019- 2021 Starts (Induction)			Thu	1		3		Sun	1			
Sun	2			Tue	2	T1 Batch Foundation Programme begins	1		Fri	2		4		Mon	2	First internal test T1	22	15
Mon	3			Wed	3		2		Sat	3				Tue	3	First internal test T1	23	16
Tue	4		_	Thu	4	-	3		Sun	4				Wed	c - 10 11122	First internal test T1	24	17
Wed				Fri	5		4		Mon	_		5		Thu	5		25	18
Thu	6			Sat	6	·		_	Tue	-	-	6		Fri	6		26	19
Fri	7			Sun	7				Wed	7	-	7		Sat	7	Onam Vaction Begins		
Sat	8			Mon	8		5		Thu	8	T4 regular classes begin	8	1	Sun	8			
Sun	9			Tue	9		6		Fri	9		9	2	Mon	9	Muharram		
Mon	10			Wed	10		7		Sat	10	-			Tue	10	First Onam		
Tue	11			Thu	11		8		Sun	11				Wed	11	Thiruvonam		
Wed	12			Fri	12		9		Mon	12		10	3	Thu	12	Third Onam		
Thu	13			Sat	13				Tue	13		11	4	Fri	13	Fourth Onam		
Fri	14			Sun	14				Wed	14			. 5	Sat	14			
Sat	15			Mon	15		10		Thu	15	Independance Day			Sun	15			
Sun	16			Tue	16		11	0	Fri	16	T1 Regular Exam Registration Ends	13	6	Mon	16	Classes Reopens	27	20
Mon	17			Wed	17		12		Sat	17				Tue	17		28	21
Tue	18			Thu	18		13		Sun	18				Wed	18	First internal test T4	29	22
Wed	19			Fri	19		14	_	Mon	19		14	7	Thu		First internal test T4	30	23
Thu	20			Sat	20				Tue	20		15	8	Fri	20	First internal test T4	31	24
Fri	21			Sun	21				Wed	21			9	Sat	21	Sree Narayana Guru Samadhi Day		
Sat	22			Mon	22	T1 Batch Foundation Programme Ends	15		Thu	22		17	10	Sun	22			
Sun	23			Tue	23	T1 Batch Foundation Exam			Fri	23	Sree Krishna Jayanthi			Mon	23		32	25
Mon	24	internship-T3(45days)		Wed	24	T1 Batch Foundation Exam			Sat	24				Tue	24		33	26
Tue	25			Thu	25	T1 Batch Foundation Exam			Sun	25				Wed	25		34	27
Wed	26			Fri	26	T1 Batch Foundation Exam			Mon	26		18	11	Thu	26		35	28
Thu	27			Sat	27				Tue	27		19	12	Fri	27		36	29
Fri	28			Sun	28				Wed	28	Birthday of Ayyyankali			Sat	28			
Sat	29			Mon	29	T1 regular classes begin	1		Thu	29	T4 Regular Exam Registration Ends	20	13	Sun	29			
Sun	30			Tue	30		2		Fri	30		21	14	Mon	30		37	30
				Wed	31	Karkidakavavu			Sat	31								



MBA Academic Calendar - July 2019 – June 2020

						(1	Bold Numbers in	Cla	iss	indi	cat	es Instructional da	ays)			Page 2/4		
		Oct-19					Nov-19					Dec-19					Jan-20		
Days	Date	Description	T1	T4	Days	Date	Description	T1/T2	T4/T5	Days	Date	Description	T2	T5	Days	Date	Description	T2	T5/T6
Tue	1		38	31	Fri	1	T1 Univ Regular/ Supplem	nentar	51	Sun	1				Wed	1	First internal test T5	28	22
Wed	2	Gandhi Jayanrhi			Sat	2				Mon	2		11	5	Thu	2	Mannam Jayanthi		
Thu	3		39	32	Sun	3				Tue	3		12	6	Fri	3		29	23
Fri	4		40	33	Mon	4			52	Wed	4	T2 Regular Exam Registration Ends	13	7	Sat	4			
Sat	5				Tue	5			53	Thu	5		14	8	Sun	5			
Sun	6				Wed	6			54	Fri	6		15	9	Mon	6		30	24
Mon	7	Mahsanavami			Thu	7	T4 Classes ends/Internship Viva		55	Sat	7				Tue	7		31	25
Tue	8	Vijayadasami			Fri	8	Internship Viva			Sun	8				Wed	8		32	26
Wed	9	Second internal test T1	41	34	Sat	9				Mon	9		16	10	Thu	9		33	27
Thu	10	Second internal test T1	42	35	Sun	10				Tue	10		17	11	Fri	10		34	28
Fri	11	Second internal test T1	43	36	Mon	11	Internship Viva			Wed	11			12	Sat	11		54	20
Sat	12				Tue	12	Publish T4 internals & Attendance			Thu	12	T5 Regular Exam Registration Ends		13	Sun	12			
Sun	13				Wed	13	Last date to submit T4 Internal Marks			Fri	13		20	14	Mon	13		35	29
Mon	14		44	37	Thu	14	T4 Regular/Supplementary Univ Exam			Sat	14				Tue	14		36	30
Tue	15		45	38	Fri	15				Sun	15				Wed	15		37	31
Wed	16		46	39	Sat	16				Mon	16	First internal test T2	21	15	Thu	16		38	32
Thu	17	Second internal test T4	47	40	Sun	17				Tue	17	First internal test T2	22	16	Fri	17		39	33
Fri	18	Second internal test T4	48	41	Mon	18	T2 Classes Starts	1		Wed	18	First internal test T2	23	17	Sat	18			
Sat	19				Tue	19		2		Thu	19		24	18	Sun	19			
Sun	20				Wed	20		3		Fri	20		25	19	Mon	20	Second internal test T2	40	34
Mon	21	Second internal test T4	49	42	Thu	21		4		Sat	21	Christmas vacation begins			Tue	21	Second internal test T2	41	35
Tue	22		50	43	Fri	22		5		Sun	22				Wed	22	Second internal test T2	42	36
Wed	23		51	44	Sat	23				Mon	23				Thu	23		43	37
Thu	24		52	45	Sun	24				Tue	24				Fri	24		44	38
Fri	25		53	46	Mon	25		6		Wed	25	Christmas			Sat	25			
Sat	26				Tue	26	T5 Classes Starts	7	1	Thu	26				Sun	26	Republic Day		
Sun	27	Deepavali			Wed	27		8	2	Fri	27				Mon	27		45	39
Mon	28		54	47	Thu	28		9	3	Sat	28				Tue	28		46	40
Tue	29	T1 Classes end	55	48	Fri	29		10	4	Sun	29				Wed	29	Second internal test T5	47	41
Wed	30	Publish T1 internals and attendance		49	Sat	30				Mon	30	Classes Reopens/First internal test T5	26	20	Thu	30	Second internal test T5	48	42
Thu	31	Last date to submit T1 Internal Marks		50						Tue	31	First internal test T5	27	21	Fri	31	Second internal test T5	49	43



MBA Academic Calendar-July 2019 – June 2020

		Y				(Bo	old Numbers in C	las	s iı	ndica	tes	Instructional days	s)				Page 3/4		
		Feb-20		_			Mar-20					Apr-20					May-20		
Days	Date	Description	T2	T6	Days	Date	Description	T3	T6	Days	Date	Description	T3	T6	Days	Date	Description	T3	T6
Sat	1				Sun	1				Wed	1	First internal test T6	24	22	Fri	1	May Day		
Sun	2				Mon	2		2		Thu	2		25	23	Sat	2			
Mon	3		50	44	Tue	3	T6 Classes Start	3	1	Fri	3			23	Sun	3			
Tue	4		51	45	Wed	4		4	2	Sat	4				Mon	4	Second internal test T6	43	41
Wed	5		52	46	Thu	5		5	3	Sun	5				Tue	5	Second internal test T6	44	42
Thu	6		53	47	Fri	6		6	4	Mon	6		27	25	Wed	6	Second internal test T6	45	43
Fri	7		54	48	Sat	7		Ű		Tue	7	C		26	Thu	7		46	44
Sat	8		7	40	Sun	8				Wed	8	2		20	Fri	8		40	45
Sun	9				Mon	9		7	5	Thu	9	Maundy Thursday			Sat	9			
Mon	10	T2 Classes End	55	49	Tue	10		8	6	Fri	10	Good Friday			Sun	10			
Tue	11	Publish T2internals &Att	endai	50	Wed	11		9	7	Sat	11				Mon	11		48	46
Wed	12	Last day to submit T2 Internal Marks		51	Thu	12		10	8	Sun	12				Tue	12		49	47
Thu	13	T2 Univ Regular and Supplementary Exam		52	Fri	13		11	9	Mon	13		30	28	Wed	13		50	48
Fri	14			53	Sat	14				Tue	14	Vishu			Thu	14		51	49
Sat	15				Sun	15				Wed	15		31	29	Fri	15		52	50
Sun	16				Mon	16				Thu	16				Sat	16			50
Mon	17				Tue	17	T3 Regular& Supply Exam		10	Fri	17			30	Sun	17			
Tue	18			54	Wed	18	Registration Ends		11	Sat	18		33	31	Mon	18			
Wed	19	T5 Classes End Publish T5 internals		55	Thu	19		14	12	Sun	19	<u>.</u>			Tue	19		53	51
Thu	20	&Attendanc Last day to submit T5 Internal			Fri	20	T6 Regular& Suppy Exam		13				Ser en		Wed	1000		54	52
Fri	21	Marks			Sat	21	Registration Ends	16	14	Tue				32	Thu	-	T3 Classes End Publish T3 internals &	55	53
Sat	22	Maha Shivaratri			Sun	22				Wed	(openal)			33	Fri	22	attendance T6 Classes End/Last day to		54
Sun	23				Mon	23				Thu	23		36	34		23	submit T3 Internal Marks Publish T6 internals &		55
Mon	24	T5 Univ Regular and			Tue	24			15	Fri	24			35	Sun	24	Attendance		
Tue	25	Supplementary Exam			Wed	25			16	Sat	25		38	36	Mon	25	13 Univ Kegular and Supplementary Exam/Last day		
Wed	26				Thu	26		19	17		26				Tue	26	to submit T6 Internal Marks T6 Univ Regular and	-	
Thu	27				Fri	27	First internal test T3	20	18	Mon	27				Wed	27	Supplementary Exam	-	
<u> </u>	_					-	First internal test T3	21	19		_		39	37		_		_	
Fri	28	T3 Classes Start	1		Sat	28			-	Tue		Second internal test T3	40	38	Thu	28 29			
Sat					Sun	29	First internal fact 73 / First			Wed Thu		Second internal test T3	41	39	Fri Sat				
					Mon	5254545 1 1725425	First internal test T3/ First internal test T6	22	20		50	Second internal test T3	42	40					
					Tue	31	First internal test T6	23	21						Sun	31			



MBA Academic Calendar- July 2019– June 2020

(Bold Numbers in Class indicates Instructional days)

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		Jun-20					Jul-20		
Days	Date	Description	T3	T6		Date	Description	T4	
Mon	1				Wed	1			
Tue	2				Thu	2			
Wed	3				Fri	3			
Thu	4				Sat	4			
Fri	5				Sun	5			
Sat	6				Mon	6	1		
Sun	7				Tue	7			
Mon	8	internship-T3(45days)			Wed	8			
Tue	9				Thu	9			
Wed	10				Fri	10			
Thu	11				Sat	11			
Fri	12				Sun	12			
Sat	13				Mon	13	3		
Sun	14				Tue	14			
Mon	15				Wed	15			
Tue	16				Thu	16			
Wed	17				Fri	17			
Thu	18				Sat	18			
Fri	19				Sun	19			
Sat	20				Mon	20			
Sun	21			_	Tue	21			
Mon	22				Wed	22			
Tue	23				Thu	23			
Wed	24				Fri	24			
Thu	25				Sat	25			
Fri	26				Sun	26			
Sat	27				Mon	27	T4 regular classes begin		
Sun	28				Tue	28			
Mon	29				Wed	29			
Tue	30				Thu	30			
					Fri	31			



MBA Academic Calendar- July 2019– June 2020

SL.No	Events	Important Dates
1	Induction programme-T1 Batch (2019-2021)	July 1,2019
2	T1 Batch Foundation Programme begins(2019-2021 batch)	July 2,2019
3	T1 Batch Foundation Programme ends	July 22,2019
4	T1 Batch Foundation Exam	July 23-26,2019
5	Commencements of T1 Classes	July 29,2019
6	Commencements of T4 Classes	August 8,2019
7	T1 Regular Exam Registration Ends	August 16,2019
8	T4 Regular Exam Registration Ends	August 29,2019
9	T1 First Internal Test	September 2-4
9	Onam Vacation Begins Classes Reopens after Onam Vacation	September 7,2019 September 16,2019
10	T4 First Internal Test	September 18-20
12	T1 Second Internal Test	October 9-11
13	T4 Second Internal Test	October 17-21
14	T1 Classes Ends	October 29,2019
15	Publish T1 Internals and Attendance Last Date for Submission of T1 Internals to University	October 30,2019 October 31,2019
16	T1 Univ Regular and Supplementary Exam starts	November1,2019
17 18	T4 Classes Ends	November 7,2019
18	Internship Viva	November 7,8,11,2019
20	Publish T4 Internals and Attendance	November 12,2019
20	Last Date for Submission of T4 Internals to University	November 13,2019
22	T4 Univ Regular and Supplementary Exam starts	November 14,2019
23	T2 Classes Starts	November 18,2019
24	T5 Classes Starts	November 26,2019
25	T2 Regular Exam Registration Ends	December 4,2019
26	T5 Regular Exam Registration Ends	December 12,2019
27	T2 First Internal Test	December 16-18
28	Christmas Vacation begins	December 21,2019
29	Classes Reopens after Christmas Vacation	December 30,2019
30	T5 First Internal Test	December 30, '19-January1'20
31	T2 Second Internal Test	January 20-22,2020
32	T5 Second Internal Test	January 29-31,2020
33	T2 Classes Ends	February 10,2020
34	Publish T2 Internals and Attendance	February 11,2020
35	Last Date for Submission of T2 Internals to University	February 12,2020
36	T2 Univ Regular and Supplementary Exam starts	February 13,2020
37	T5 Classes Ends	February 18,2020
38	Publish T5 Internals and Attendance	February 19,2020
39	Last Date for Submission of T5 Internals to University	February 20,2020
40	T5 Univ Regular and Supplementary Exam starts	February 24,2020
41	T3 Classes Starts	February 28,2020
42	T6 Classes Starts	March 3,2020
43	T3 Regular& Supply Exam Registration Ends	March 17,2020
44	T6 Regular & Supply Exam Registration Ends	March 20,2020
45	T3 First Internal Test	March 26,2020 March 26-30,2020
45	T6 First Internal Test	March 26-30,2020 March 30-April 1,2020
40	T3 Second Internal Test	April 28-30,2020
47	T6 Second Internal Test	May 4-6,2020
49	T3 Classes Ends	May 20,2020
50	Publish T3 Internals and Attendance	May 21,2020
51	Last Date for Submission of T3 Internals to University	May 22,2020
52	T6 Classes Ends	May 22,2020
53	Publish T6 Internals and Attendance	May 23,2020
54	Last Date for Submission of T6 Internals to University	May 25,2020
55	T3 Univ Regular and Supplementary Exam starts	May 25,2020
56	T6 Univ Regular and Supplementary Exam starts	May 26,2020
57	T3-Internship(45 Days)	June 8,2020
57	is meaning is outsi	July 27,2020

						V	/ISWA		OTHI VISION																CULAN	ſ						
											SEMEST									(July -	Nov 201	9)						_				
and the second	ta management of the second	days for	the odd semester				Instruction	ns Days Lo	ost	1 12	-										ANT DA	And and a second second						-				
	onth		Days		and manufactures.	Celebr				1	-		July 22	in the second				and the local division of the local division			methodologitary man	program fo	or new e	entrants								
	uly	-	7		the low number of solution.		incil Inaugu			0.5	-		August	the second s				a month before and	and a procession process	any inclusion for movies		3, S5 & S7			0			-				
	ugust	1.7	21		in the second	in a los of the second	auguration			0.5	-		August					-	and succession in the station		and the second		in the second		& mapping be	egins						
	tember	r	17		duration in solution	Sports				1	-		August	sectored to be many for				and the second sec			iration, C	ourse sel.,	reg. &	mapping	gends							
	tober		22			Tech F	est			2	-		Septen						Attenda													
Nove	ember	r	19		Series	Exam				8	4		Septen		and the second s				Celebrat	10101												
							Total			13	1		Septen						vacation													
To	otal		86										Septen					-	e Re-ope													
												÷ .	Septen						egistrati													
							ng days for l				79		Septen						etion of	first assi	gnment											
									rst Semeste	er	66		Septen	nber 19	th,20th, 2	3rd & 24	4th	Series 7	Test I													
					100000-000		ng days for I	0.000000000			79		Septen		th				Day Dro	0.02												
					Expec	ted Inst	truction Day	ys for H	igher Seme	sters	66		Octobe					Exam r	egistrati	on ends	Publish	attendanc	e									
	S.						4						Octobe	er 5th				Series 1	Test I Ma	arks cons	olidation											
		_	Working Satu	ırdays]						Octobe	er 18th	& 19th			Tech Fe	est Bodh	d .												
J	Mo	onth	Date	Т	ime Tal	ble]						Octobe	er 31st				Compl	letion of	second	assignme	nt										
-	A	2002	17-8-2019		Thursda	γ	1						Novem	ber 1st	÷.			Publish	attenda	ance												
	AUg	gust	31-8-2019	И	Vedneso	lay	1						Novem	ber 1st	, 2nd, 4th	& 5th		Series	Test II													
i i	Septe	ember	28-9-2016	Sport	s Day/T	uesday	1						Novem	ber 15	:h			Class er	nds for F	irst year	s											
ů.		84	5-10-2019		Monda	y.	1						Novem	ber 18	h			Publish	A mark	s of Firs	t years											
	Octo	ober	19-10-2019	Tech F	est/We	dnesday							Novem	ber 19	th			Start di	ate for fi	orwardin	g IA man	ks & atten	dance t	o Uty of	S1							
	100	- 20	2-11-2019	S	eries Te	st	1						Novem	ber 22	nd			Last da	te for fo	rwardin	g IA mark	s & Attend	dance to	Uty of	S1							
	Nove	ember	23-11-2019	3	Tuesda	v	1						Novem	ber 25	h		-	Class e	nds for S	3, 55 &	S7, Publis	h attenda	nce					-				
8					1		1						Novem	ber 26	h			Start di	ate for fi	orwardin	g IA mar	ks & atten	dance t	o Uty of	S3, S5 & S7							
													Decem	ber 2nd	i			Last da	te for fo	rwardin	z IA mark	s & attend	ace of	s3. S5 &	\$7							
													<u> </u>															1				
j	July			r - 1	August	¢					Septemb	er	-					October							November					Dec	ember	_
22	23-26	29- 30	1-2	5-9	12	13-14, 16-17	19-22	26-27, 29-31	2-6	7-15	16-18	19,20,2 3,24	25-28	30	1	3-5	9-11	14-17	18-19	21-25	28-31	1-2, 4-5	6-8	11-15	18-23	25	26	27	2	4	5	
commencement or orientation program for new entrants (51)	Orientation program	Orientation Program	Regular classes August 1st Commencement of regular classes for 53, 55 & 57 St orientation program	Regular class August 9th S1 orientation program ends	ncement of regular classes is Sel., Reg. & Mapping beg	Regular classes	Regular classes Aug 22nd Course Sel., Reg. & Mapping ends Aug 22nd Students Council Inauguration	Regular classes	Regular clasces Sept 2nd Publish Attendance Sept 6th Onam Celebration	Onam Vacation	Regular classes Sep 17th exam registration begins Sep 18th Completion of first assignment	Series Test I	Regular classes Sep 28th Sports Day Drona	Regular classes	Regular Class Exam registration ends Publish Attendance	Regular Classes Oct 5th Series Test I Marks consolidation	Regular classes	Regular classes	Tech Fest Bodhi	Regular classes	Regular classes Oct 31st Completion of second assignment	Series Test II Nov IstPublish Attendance	Regular classes	Regular classes Nov 15th Class Ends for first years	Regular classes Nov 18th Publish Marks of First years Nov 19th Start date for forwarding IA marks & attendance to Uty of SI	Regular class Class ends for SJ, S5 & S7 Publish Attendance	Start date for forwarding IA Marks & Attendance to Uty of S3, S5 & S7	Exam \$1/58 starts	Last date for forwarding IA marks & Attendance of 53, 55 & 57	Exam S7 starts	Exam S3 starts	
1	4	2	2	5	1	4	4	5	5	123	3	4	4	1	1	3	3	4	2	5	4	4	3	5	2 6	1	15				_	+
1	5	7	9	14	15	19	23	28	33	100-0	36	40	44	45	46	49	52	56	58	63	67	71	74	79	85	86						

PRINCIPAL

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

VISION: Moulding Professionals par excellence with integrity, fairness, and human values" SEMESTER PLAN FOR S2, S4, S6 & S8 KTU B.Tech CLASSES (Jan-May 2020)

No. of working days									
Month	Days								
January	16								
February	21								
March	24								
April	19								
May	0								
Total	80								

Instructions Days	Lost 💡
Sports Day - Drona	1
Tech Fest - Bodhi	2
Series Test I & II	8
Arts Fest - Drishya	2
College Day	0.5
Total	13.5

Expected days of instruction - 66.5

	Working Sat	urdays
Month	Date	Time Table
January	25-1-2020	Sports Day Drona
Fahruaru	15-2-2020	Tech Fest Bodhi
February	22-2-2020	Series Test I
March	7-3-2020	Friday
March	21-3-2020	Arts Fest Drishya
April	4-4-2020	Series Test II
Ahu	25-4-2020	Friday

	IMPORTANT DATES
13th January	Commencement of class and registration
20th January *	Course selection, registration & mapping begins
25th January	Sports Day - Drona
29th January	Course selection, registration & mapping ends
14th & 15th February	Tech Fest - Bodhi
18th February	Exam Registration & FE Regstration Begins, Completion of first assignment
20,22,24 & 25th February	Series Test I
2nd March	Exam Registration & FE Regstration ends
9th March	Publish Series Test I marks
20th & 21st March	Arts Fest - Drishya
3-4th & 6-7th April	Series Test II
4th April	B.Tech S7 exam begins
15th April	Publish Series Test II marks & completion of second assignment
21st April	College Day
22nd April	Publish IA marks for UG & PG
23rd April	Last date for internal project evaluation (S8 B.Tech)
24th April	Project evaluation by department committeee (PG)
28th April	Class ends
29th April	Commencement of summer course (S1-S4 2015 scheme)
4th May	Start date for forwarding IA marks and attendance to uty
6th May	Last date for uploading jury/practical marks
8th may	Last date for forwarding IA marks and attendance to Uty.

			Janua	ry						February			T		March			1	-			April						May	
13	14-17	20	21-24	25	27-28	29	30-31	3-7, 10-13	14-15	17-19	20, 22, 24, 25	26-28	2-7	9	10-13, 16-19	20-21	23-27, 30-31	1-3	4, 6-8	13, 15-17	20-21	22	23	24-25	27-28	29	4	6	8
Commencement of class and registration	Regular classes	Course selection registration & mapping begins Regular class	Regular classes	Sports Day - Drona	Regular classes	Course selection registration & mapping ends Regular class	Regular classes	Regular classes	Tech Fest - Bodhi	Feb 18th Exam Registration & FE Reg. Begins and completion of first assignment Regular classes	Series Test -I	Regular classes	March 2nd Exam Registration & FE Reg. ends Regular classes	Publish Series Test-I Marks Regular class	Regular classes	Arts Fest - Drishya	Regular classes	Regular classes	Series Test II April 4th B.tech S7 exam begins	April 15th publish Series Test II Marks & completion of second assignment April 17th Last date for evaluation of practicals(PG)	April 21st College Day Regular classes	April 22nd Publish IA marks for UG & PG Regular classes	Last date for int. project evaluation(58 B.tech) Regular class	April 24th projectevaluation by department committee (PG) Regular classes	April 28th class ends Regular classes	Commencement of summer course(S1-S4 2015 scheme)	Start date for forwarding IA marks and attendance to uty	Last date for uploading jury/practical marks	Last date for forwarding IA marks and attendance to uty.
1	4	1	4	1	2	1	2	9	2	3	4	3	6	1	8	2	7	3	4	4	2	1	1	2	2				
1	5	6	10	11	13	14	16	25	27	30	34	37	43	44	52	54	61	64	68	72	74	75	76	78	80				٨
																146	2.2.5		1.15	Walter S							A	7/	66

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Department of Information Technology

MONTH	DATE PLANNE	ACTIVITIES PLANNED			
	22	Commencement of orientation program for new entrants (S1)			
July	23-26	Orientation program			
	29-30	Orientation Program	No. of working days for the ode semester		
	1-2	I-2 Regular classes August 1st Commencement of regular classes for S3, S5 & S7 S1 orientation program		Days	
	3	Hands on Program on "3D printer and Vinyl Cutter" in FAB Lab (R&D)	Month	Duys	
_	5-9	Regular class August 9th S1 orientation program ends	July	7	
August	12	Commencement of regular classes for S1 Course Sel., Reg. & Mapping begins	August	7	
	13-14, 16-17	Regular classes	September	21	
	19-22	Regular classes Aug 22nd Course Sel., Reg. & Mapping ends Aug 22nd Students Council Inauguration	October	22	
	26-27, 29-31	Regular classes	November		
	2-6	Regular classes Sept 2nd Publish Attendance Sept 6th Onam Celebration		19	
	7-15	Onam Vacation	Total	86	
	16-18	Regular classes Sep 17th exam registration begins Sep 18th Completion of first assignment			
September	19,20.23,24	Series Test I			
Sc	20	Workshop on "Ergonomics in IT Industry" (as part of IT Association Activity)	-		
	25-26	Regular classes Sep 28th Sports Day Drona			
	27	Department Association Inauguration			
	28,30	Regular classes Technical talk on "Machine Learning			
	1	Regular Class Exam registration ends Publish Attendance			
	3-5	Regular Classes Oct 5th Series Test 1 Marks consolidation Technical Talk on "Data Integrity Checking Methods in Cloud Computing	,0		
	9-11	Regular classes	5		
	14-17	Regular classes	-		
	18	nvited talk on "Applications of Multimedia in Cinema"	-		
er	18-19	Tech Fest Bodhi	-		
October	21	Regular classes Interactive Session on "Project Development & Project Execution in Software Industry" in association with Institute Interaction Cell of VJCET	_		

-	22	Technical Talk on "REACT Development" in association with Institute Interaction Cell & R&D of VJCET
	23,24	National Webinar "F UTURE OF TECHNOLOGY AFTER COVID 19"
	7	Regular classes Oct 31st Completion of second assignment
	28	Workshop on "ADRUINO using PYTHON"
	30	Technical Talk on "Open Source Softwares" Sponsered by Spectrum Infotech, Ernakulam
	31	Technical Talk on " Entrepreneurial Concepts of Engineering"
	1-2, 4-5	Series Test II Nov 1stPublish Attendance
	6-8	Regular classes
	11-13	Regular classes Nov 15th Class Ends for first years
L	14	Competition - Idea Fest in association with IEDC, VJCET
November	18-23	Regular classes Nov 18th Publish IA Marks of First years Nov 19th Start date for forwarding IA marks & attendance to Uty of S1
	23-14/12	FDP on "Artifical Intelligence"
	25	Regular class Class ends for S3, S5 & S7Publish Attendance
	26	Start date for forwarding IA Marks & Attendance to Uty of S3, S5 & S7
	27	Exam S1/S8 starts
	2	Last date for forwarding IA marks & Attendance of S3, S5 & S7
ber	4	Exam S7 starts
December	5	Exam S3 starts
	6	Exam S5 starts



Department of Information Technology



	DATE	Adherence to Semester Plan 2019-2020 (July-	the second s	ERENCE		
MONTH	PLANNED	ACTIVITIES PLANNED	Date Of Execution	Justification		
	22	Commencement of orientation program for new entrants (S1)				
July	23-26	Orientation program				
	29-30	Orientation Program			No. of working d	
	12	Regular classes August 1st Commencement of regular classes for S3, S5 & S7 S1 orientation program			Month	Days
	3	Hands on Program on "3D printer and Vinyl Cutter" in FAB Lab (R&D)	9/3/2019	Availability of FAB Lab		
¥	5-9	Regular class August 9th S1 orientation program ends			July	7
August	12	Commencement of regular classes for S1 Course Sel., Reg. & Mapping begins			August	21
	13-14, 16-17	Regular classes			September	17
	19-22	Regular classes Aug 22nd Course Sel., Reg. & Mapping ends Aug 22nd Students Council Inauguration			October	22
	26-27. 29-31	Regular classes			November	19
	2-6	Regular classes Sept 2nd Publish Attendance Sept 6th Open Celebration				
	7-15	Onam Vacation			Total	86
	16-18	Regular classes Sep 17th exam registration begins Sep 18th Completion of first assignment			Tour	
September	19,20,23,24	Series Test I				
Sep	20	Workshop on "Ergonomics in IT Industry" (as part of IT Association Activity)	11/7/2019			
	25-26	Regular classes Sep 28th Sports Day Drona				
	27	Department Association Inauguration	11/7/2019	Avialability of Resource person		
	28,30	Regular classes Technical talk on "Machine Learning	9/30/2019			
	1	Regular Class Exam registration ends Publish Attendance				
	3-5	Regular Classes Oct 5th Series Test I Marks consolidation Technical Talk on "Data Integrity Checking Methods in Cloud Computing"	6/5/2020			
	9-11	Regular classes				
F	14-17	Regular classes		Acceler 1		
October	18	Invited talk on "Applications of Multimedia in Cinema"	11/1/2019	Availability of Resource person	-	
0	18-19	Tech Fest Bodhi				
	21	Regular classes Interactive Session on "Project Development & Project Execution in Software Industry" in association with Institute Interaction Cell of VJCET	11.21/2019			
	22	Technical Talk on "REACT Development" in association with Institute Interaction Cell & R&D of VJCET National webmat FUTURE OF TECHNOLOGY AFTER	11/6/2019	Availability of Resource person		
	23,24	COVID 19"	29.05.2020			
	7	Regular classes Oct 31st Completion of second assignment			_	
	28	Workshop on "ADRUINO using PYTHON"	11/1/2019			

Technical Talk on "Open Source Softwares" Sponsered by Spectrum Infotech, Frnakulam

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				08-11-2019
1	31	Technical Talk on " Entrepreneurial Concepts of Engineering"	11/8/2019	(Combined with CS
	1-2, 4-5	Series Test II Nov IstPublish Attendance		
1	6-8	Regular classes		
	11-13	Regular classes Nov 15th Class Ends for first years		
	14	Competition - Idea Fest in association with IEDC, VJCET		
November	18-23	Regular classes Nov 18th Publish IA Marks of First years Nov 19th Start date for forwarding IA marks & attendance to Uty of \$1		
	23-14/12	FDP on "Artifical Intelligence"	23/11/2019 to 14/12/2019	
	25	Regular class Class ends for S3, S5 & S7 Publish Attendance		
	26	Start date for forwarding IA Marks & Attendance to Uty of S3, S5 & S7		
	27	Exam S1/S8 starts		
t.	2	Last date for forwarding IA marks & Attendance of S3, S5 & S7		
December	4	Exam S7 starts		
Dec	5	Exam S3 starts		
	6	Exam S5 starts		

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Department of Information Technology

		Department of Information Technology
		Semester Plan 2019-2020 (Jan-May)
MONTH	DATE PLANNED	ACTIVITIES PLANNED
	13	Commencement of class and registration
	14-17	Regular classes
	20	Course selection registration & mapping begins Regular class
č	21-24	Regular classes
January	25	Sports Day - Drona
7	27-28	Regular classes
	29	Course selection registration & mapping ends Regular class
	30-31	Regular classes
	3-7,	Regular classes
	10-13	Tech Fest - Bodhi
	14-10	Feb 18th Exam Registration & FE Reg. Begins and completion of first
	17-19	assignment Regular classes
~	20, 22, 24, 25	Series Test -I
February	25	Technical Talk on "DevOps", in association with Institute Interaction Ce VJCET
	26	Technical Talk on "Non SQL Data bases", in association with Institute Interaction Cell , VJCET
ł	27	Workshop on "Android"
ł	28	Regular classes
	2-7	March 2nd Exam Registration & FE Reg. ends Regular classes
	9	Publish Series Test-I Marks Regular class
+	10-13.	Regular classes
March	16-19	National Conference on "Intelligent Computing and Applications"
Σ		Arts Fest - Drishya
ŀ	21	Regular classes
F	23-24	Project Exhibition
	25	Regular classes
	26-27,30-31	Regular classes
	1-3	Series Test II
	4, 6-8	April 4th B.tech S7 exam begins
	13, 15-17	April 15th publish Series Test II Marks & completion of second assignmen April 17th Last date for evaluation of practicals(PG)
F	20-21	April 21st College Day Regular classes
	22	April 22nd Publish IA marks for UG & PG Regular classes
	23	Last date for int. project evaluation(S8 B.tech) Regular class
-	24-25	April 24th projectevaluation by department committee (PG) Regular classes
-	27-28	April 28th class ends Regular classes
-	29	Commencement of summer course(S1-S4 2015 scheme)
	4	Start date for forwarding IA marks and attendance to uty
May	6	Last date for uploading jury/practical marks
	8	Last date for forwarding IA marks and attendance to uty

No. of work	ing days
Month	Days
January	16
Ecbruary	21
March	24
April	19
May	0
Total	80

No. of working	
Sports Day - Drona	I
Fech Fest - Bodhi	2
Series Test I & II	8
College Day	2
arts Fest - Drishya	0.5
Total	13.5

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Department of Information	Technology
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		Adherence to Semester Plan 2019-2020 (J	ADHERE	and the strategy of the strate
MONTH	DATE PLANNED	ACTIVITIES PLANNED	Date Of Execution	Justification
	13	Commencement of class and registration	YES	
	14-17	Regular classes	YES	
	20	Course selection registration & mapping begins Regular class	YES	
Č,	21-24	Regular classes	YES	
January	25	Sports Day - Drona	YES	
	27-28	Regular classes	YES	
	29	Course selection registration & mapping ends Regular class	YES	
	30-31	Regular classes	YES	
	3-7,	Regular classes	YES	
	10-13	Tech Fest - Bodhi	YES	
	17-19	Feb 18th Exam Registration & FE Reg. Begins and completion of first assignment Regular classes	YES	
Â,	20, 22, 24, 25	Series Test -I	YES	
February	25	Technical Talk on "DevOps", in association with Institute Interaction Cell, VJCET	NO	LockDown
	26	Technical Talk on "Non SQL Data bases", in association with Institute Interaction Cell , VJCET	NO	LockDown
	27	Workshop on "Android"	NO	LockDown
	28	Regular classes	YES	
	2-7	March 2nd Exam Registration & FE Reg. ends Regular classes	YES	
	9	Publish Series Test-I Marks Regular class	YES	
£	10-13,	Regular classes	YES	
March	<u>16-19</u> 20	National Conference on "Intelligent Computing and Applications"	NO	LockDown
ſ	21	Arts Fest - Drishya	NO	LockDown
ľ	23-24	Regular classes		
ľ	25	Project Exhibition	NO	LockDown
	26-27,30-31	Regular classes .	YES	
	1-3	Regular classes	NO	LockDown
ŀ	4, 6-8	Series Test II April 4th B.tech S7 exam begins	NO	LockDown
	13, 15-17	April 15th publish Series Test II Marks & completion of second assignment April 17th Last date for evaluation of practicals(PG)	NO	LockDown
F	20-21	April 21st College Day Regular classes	NO	LockDown
April	22	April 22nd Publish IA marks for UG & PG Regular classes	NO	LockDown
×	23	Last date for int. project evaluation(S8 B.tech) Regular class	NO	LockDown
	24-25	April 24th project evaluation by department committee (PG),Regular classes	NO	LockDown
-	27-28	April 28th class ends Regular classes	NO	LockDown

				and the second s
	29	Commencement of summer course(S1-S4 2015 scheme)	NO	LockDown
	4	Start date for forwarding IA marks and attendance to uty	YES	
May	6	Last date for uploading jury/practical marks	YES	
	8	Last date for forwarding IA marks and attendance to uty.	YES	

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM STUDENTS COUNCIL 2018-2019

Inauguration of

BODHI'19 & DRISHYA'19

Date	20 th March 2019	

Venue Main Auditorium

Time 9. 30am

Programme

Prayer

Welcome Speech

Principal's Address

Presidential Address

Director's Message

Lighting the lamp and Inauguration

Address by Chief Guest

Address by Guest of Honour Launching the home page of our new website Felicitation

Certificate Distribution

Vote of Thanks

Mr. Adarsh Mathew, Chairman - Students Council
Dr. Josephkunju Paul C, Principal
Msgr.Dr.Cherian Kanjirakompil, Manager
Rev. Dr. George Thanathuparambil, Director
Shri. Sreedharan Radhakrishnan Nair
& Dr. K.S.Harisankar
Shri. Sreedharan Radhakrishnan Nair,
Managing Director, Team Frontline Ltd & Team e-BiZ
Dr. K.S.Harisankar, Playback Singer
Shri. Sreedharan Radhakrishnan Nair
Mr.Vinoj K., HOD In-charge – Bodhi'19
Mrs. Lekshmi M.S., Faculty In-charge – Drishya'19

Mr. Mohid Antony Jimmy, Arts Club Secretary

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DRISHYA 2K19

DAY-1	7.6	0.97°%	22/3/201
MAIN AUDITORIUM	MINI AUDITORIUM	PTC SEMINAR HALL	C 104
SHALOM	DUFFMUTTU	FANCY DRESS	EXTEMPORE(MAL)
9.00-10.30 AM	10.30-11.30	10.30-11.30	10.30-11.30
VJC IDOL	VJC GOT TALENT	INSTRUMENTAL MUSIC	EXTEMPORE(ENG)
10.30 - 12.00	11.30-1.00 PM	11.30-1.30 PM	11.30-12.30 PM
STEP & SYNCHRO	BHARATHANATYAM	JAM	RECITATION (MAL)
12.00-1.00PM	1.00-2.30 PM	1.30-2.30 PM	12.30-1.30 PM
MR.&MS DRISHYA	MAPPILAPATTU	MONOACT	RECITATION (ENG)
1.00 -3.00 PM	2.30-3.30 PM	2.30-3.30 PM	1.30-2.30 PM
BLAST FROM THE PAST 3.00-4.00 PM	DANCE TO THE BEAT 3.30-4.30	MIMICRY 3.30-4.30	
		ET PLAY D-3.30	

SPUDENT IN CHARGE 0

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STAFF IN CHARGE

PRINCIPAL

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DRISHYA 2K19

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DAY-2	136	774 C	23/3/201
MAIN AUDITORIUM	MINI AUDITORIUM	PTC SEMINAR HALL	C 104
GROUP DANCE 9.00 - 11.00 AM	MARGAMKALI 9.0-10.0 AM	MOVIE SPOOF 9.00 - 10.00 AM	MEHANDI 9.00 - 10.15 AM
SYMPHONY	FACE PAINTING 10.00-11.00 PM	MIME(BOYS) 10.00 - 11.00 AM	
11 SULL MIRCH 1997 26 - 1997 - 19		GE MUSIC BAND 4.00 PM	a starter

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PRINCIPAL

STUDENT IN CHARGE

STAFF IN CHARGE



Vazhakulam P.O., Muvattupuzha-686 670, Kerala Tel: 0485 2262211, 2262255, 9496335522 Email:vjcet@vjcet.org, www.vjcet.ac.in

Established in 2001



Department of Information Technology

Details of Action Taken Report on stakeholder's feedback (2019-2020)

Sl. No.	Date	Event	Торіс	Resource Person
1	06-11-2019	Workshop	REACT AND WEB DEVELOPMENT	Mr. Manu Cherian, CEO & Founder, REVAC SOLUTIONS pvt.ltd.
2	03-09-2019	Hands on Program	"3D printer and Vinyl Cutter" in FAB Lab (R&D)	Mr. Prince Kurian, AP, IT Dept., VJCET
3	07-11-2019	Workshop	"Ergonomics in IT Industry" (as part of IT Association Activity)	Mr. Manoj Thomas, Lead APAC , TCS, Kochi
4	30/09/2019	Technical talk	"Machine Learning"	Ms. Diana Baby, AP, IT Dept., VJCET
5	01-11-2019	Invited talk	"Applications of Multimedia in Cinema"	Mr. Arun Boss, (Cockroach n' Cocktail, Chennai)
6	21-10-2019	Interactive Session	"Project Development & Project Execution in Software Industry"	Mr. GokulRaj.M.A, Software Engineer, Project Trainer, expeed Software LLP, Smart City, Kochi
7	19-08-2019	Technical Talk	"Open Source Softwares" Sponsered by Spectrum Infotech, Ernakulam	Mr. Amal Mathai, Redhat Academy in association With Spectrum InfoTech, Kochi
8	08-11-2019	Technical Talk	" Entrepreneurial Concepts of Engineering"	Mr.Ajay Basil Varghese, Nodal Officer, IEDC Cell, Adjsankara Institute of Science & Technology
9	01-11-2019	Workshop	"ADRUINO using PYTHON"	Dr. Sheela.V.K, AP, IT, VJCET
10	29-05-2020	Webinar	Future of Technology Business After COVID 19	Dr. Biju PaulAssociate Professor-IT & Placement Officer, Rajagiri School of Engineering & Technology, Cochin and Dr. Vinodh P Vijayan, Professor & Head- CSE Mangalam College of Engineering, Kottayam.
11	15-06-2020	Webinar	Cloud Data Integrity Checking Methods	Ms. Anju Susan George, Head of IT department VJC

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Feedback Coordinator

Anju Susan George

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION I - SEPTEMBER 2019 TIMETABLE FOR SEMESTER VII

DATE&DAY				SUB	JECT		
	TIME	CE	CSE	EEE	ECE	п	ME
19/09/2019 THURSDAY	9.30 am - 11.30 am	Design of Steel Structures (CE401)	Computer graphics (CS 401)	Electronic communication(EE401)	Information Theory and Coding C (EC401)	Embedded Systems(IT401)	Design of Machine Elements I (ME401)
20/09/2019 FRIDAY	1:45pm - 3:45 pm	Structural Analysis III (CE403)	Programming Paradigms(CS403)	Distributed generation and smart grids(EE403)	Microwave and Radar Engineering (EC403)	Mobile Computing(IT403)	Advanced Energy Engineering(ME403)
	9,30 am - 11,30 am	Environmental Engineering I (CE405)	Computer System Architecture(CS405)	Electrical system design(EE405)	Optical Communication (EC405)	Internet working with TCP/IP(IT405)	Refrigeration and Air Conditioning(ME405)
23/09/2019	9,30 am - 11.30 am	Transportation Engineering II (CE407)	Distributed Computing(CS407)	Digital Signal Processing(EE407)	Computer Communication (EC407)	Knowledge Engineering(IT407)	Mechatronics(ME407)
MONDAY	1:45pm - 3:45 pm	Quantity Surveying and Valuation (CE409)	Cryptography and Network Security(CS409)	Electrical Machine Design (EE409)	Control Systems (EC409)	Web Application Development (IT409)	Compressible Fluid Flow (ME409)
24/09/2019 TUESDAY	9.30 am - 11.30 am	Highway Pavement Design (CE467)/ Environmental Impact Assessment (CE469)	Digital Image Processing(CS463)	Electric and Hybrid Vehicles(EE469)	Microwave Devices and Circuits(EC461)/ MEMS(EC465)	Software testing & Quality assurance (IT461) / Machine learning (CS407)	Cryogenic Engineering(ME467) Supply Chain and Logistics Management(IE306)

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION I -SEPTEMBER 2019 TIMETABLE FOR SEMESTER V

DATE&DAY	10000			SUB	JECT		
	TIME	CE	CSE	EEE	ECE	II.	ME
19/09/2019 THURSDAY	9.30 am - 11.30 am	Design Of Concrete Structures I (CE301)	Theory of Computation (CS 301)	Power Generation, Transmission and Protection(EE301)	Digital Signal Processing (EC301)	Software Architecture & Design Patterns(IT301)	Mechanics of Machinery(ME301
20/09/2019 FRIDAY	9.30 am - 11.30 am	Structural Analysis II (CE303)	System Software (CS 303)	Linear Control Systems (EE303)	Applied Electromagnetic Theory (EC303)	Theory of Computation (IT303)	Non-Destructive Testing(ME367) Nuclear Engineering(ME371)
	1:45pm - 3:45 pm	Geotechnical Engineering II (CE305)	Microprocessors and Microcontrollers (CS305)	New and Renewable Energy Systems(EE367)	Microprocessors & Microcontrollers (EC305)	Microprocessors and Microcontrollers (CS305)	Computer Programming & Numerical Methods (ME305)
23/09/2019	9.30 am - 11.30 am	Geomatics (CE307)	Data communication (CS307)	Signals and Systems (EE307)	Power Electronics & Instrumentation (EC307)	Operating Systems (IT305)	Electrical Drives & Control for Automation (EE311)
MONDAY	1:45pm - 3:45 pm	Water Resources Engineering (CE309)	Graph theory And Combinatorics (CS309)	Microprocessor and Embedded Systems (EE309)	Principles of Management (HS300)	Computer Networks(IT307)	Principles of Management (HS300)
24/09/2019 TUESDAY	9.30 am - 11.30 am	Advanced Concrete Technology(CE361)/ Geotechnical Investigation(CE363)	Soft computing (CS 361)	Power Electronics (EE305)	Biomedical Engineering (EC365)/ DIGITAL SYSTEM DESIGN	Computer Graphics & Multimedia (IT367)	Machine Tools and Digital Manufacturing (ME303)

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY

SERIES EXAMINATION I - SEPTEMBER 2019

TIMETABLE FOR SEMESTER III

DATE&DAY	TIME			SUBJE	ECT			
	TIME	CE	CSE	EEE	ECE	rr	ME	
19/09/2019 THURSDAY	9.30 am - 11.30 am	Linear Algebra & Complex Analysis (MA201)	Linear Algebra & Complex Analysis (MA201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA201)	
20/09/2019	9.30 am - 11.30 am	Mechanics of Solids (CE201)	Discrete Computational Structures (CS201)	Circuits and, Networks (EE 201)	Network Theory (EC201)	Discrete Computational Structures (CS201)	Mechanics of Solids (ME201)	
FRIDAY	1:45pm - 3:45 pm	Business Economics (HS200)	Business Economics (HS200)	Business Economics (HS200)				
23/09/2019	9.30 am - 11.30 am	Fluid Mechanics I (CE203)	Switching Theory and Logic Design (CS203)	Analog Electronic Circuits (EE203)	Solid state devices (EC203)	Data Communication (IT203)	Mechanics of Fluids (ME203)	
MONDAY	1:45pm - 3:45 pm	Engineering Geology (CE205)	Data Structures (CS205)	DC Machines and Transformers (EE205)	Electronic Circuits (EC205)	Data Structures (CS205)	Thermodynamics (ME205)	
24/09/2019 TUESDAY	9.30 am - 11.30 am	Surveying (CE207)	Electronic Devices & Circuits (CS207)	Computer Programming (EE207)	Logic Circuit Design (EC207)	Digital System Design (IT201)	Metallurgy & Materials Engineering (ME210)	

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION I - SEPTEMBER 2019

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TIMETABLE FOR SEMESTER I

DATE & DAY				SUB	JECT		
	TIME	CE	CSE	EEE	ECE	IT	ME
19/09/2019 THURSDAY	9.30 am - 11.30 am	MAT 101 LINEAR ALGEBRA AND CALCULUS	MAT 101 LINEAR ALGEBRA AND CALCULUS	MAT 101 LINEAR ALGEBRA AND CALCULUS	MAT 101 LINEAR ALGEBRA AND CALCULUS	MAT 101 LINEAR ALGEBRA AND CALCULUS	MAT 101 LINEAR ALGEBRA AND CALCULUS
20/09/2019 FRIDAY	9.30 am - 11.30 am	PHT 100/ PHT 110 ENGINEERING PHYSICS A & B	CYT100 ENGINEERING CHEMISTRY	CYT100 ENGINEERING CHEMISTRY	CYT100 ENGINEERING CHEMISTRY	PHT 100/ PHT 110 ENGINEERING PHYSICS A & B	PHT 100/ PHT 110 ENGINEERING PHYSICS A 8 B
23/09/2019 MONDAY	9.30 am - 11.30 am	EST 100 ENGINEERING MECHANICS	EST 100 ENGINEERING MECHANICS	EST 100 ENGINEERING MECHANICS	ESC EST 110 ENGINEERING GRAPHICS	ESC EST 110 ENGINEERING GRAPHICS	ESC EST 110 ENGINEERING GRAPHICS
	1:45pm - 3:45 pm	ESC EST 130 BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING	ESC EST 120 BASICS OF CIVIL & MECHANICAL ENGINEERING	ESC EST 130 BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING			

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION II - NOVEMBER 2019 TIMETABLE FOR SEMESTER VII

DATE&DAY	TIME	and the second se	1.12	SUB	IECT			
	TIME	CE	CSE	EEE	ECE	п	МЕ	
//11/2019 RIDAY	9.30 am - 11.30 am	Design of Steel Structures (CE401)	Computer graphics (CS 401)	Electronic communication(EE401)	Information Theory and Coding C (EC401)	Embedded Systems(IT401)	Design of Machine Elements I (ME401)	
02/11/2019 SATURDAY	9.30 am - 11.30 am	Environmental Engineering I (CE405)	Computer System Architecture(CS405)	Electrical system design(EE405)	Optical Communication (EC405)	Internet working with TCP/IP(IT405)	Refrigeration and Air Conditioning(ME405)	
	1:45pm - 3:45 pm	Structural Analysis III (CE403)	Programming Paradigms(CS403)	Distributed generation and smart grids(EE403)	Microwave and Radar Engineering (EC403)	Mobile Computing(IT403)	Advanced Energy Engineering(ME403)	
04/11/2019	9.30 am - 11.30 am	Transportation Engineering II (CE407)	Distributed Computing(CS407)	Digital Signal Processing(EE407)	Computer Communication (EC407)	Knowledge Engineering(IT407)	Mechatronics(ME407)	
MONDAY	1:45pm - 3:45 pm	Quantity Surveying and Valuation (CE409)	Cryptography and Network Security(CS409)	Electrical Machine Design (EE409)	Control Systems (EC409)	Web Application Development (IT409)	Compressible Fluid Flow (ME409)	
05/11/2019 TUESDAY	9.30 am - 11.30 am	Highway Pavement Design (CE467)/ Environmental Impact Assessment (CE469)	Digital Image Processing(CS463)	Electric and Hybrid Vehicles(EE469)	Microwave Devices and Circuits(EC461)/ MEMS(EC465)	Software testing &Quality Assurance 17461/ Machine Learning CS467 (17465)	Cryogenic Engineering(ME467 Supply Chain and Logistics Management(IE306)	

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION II - NOVEMBER 2019 TIMETABLE FOR SEMESTER V

DATE&DAY	TIME		SUBJECT						
		CE	CSE	EEE	ECE	IT	ME		
01/11/2019 FRIDAY	9.30 am - 11.30 am	Design Of Concrete Structures I (CE301)	Theory of Computation (CS 301)	Power Generation, Transmission and Protection(EE301)	Digital Signal Processing (EC301)	Software Architecture & Design Patterns(IT301)	Mechanics of Machinery(ME301)		
02/11/2019 SATURDAY	9,30 am - 11,30 am	Geotechnical Engineering II (CE305)	Microprocessors and Microcontrollers (CS305)	Power Electronics (EE305)	Microprocessors & Microcontrollers (EC305)	Microprocessors and Microcontrollers (CS305)	Computer Programming & Numerics Methods (ME305)		
	1:45pm - 3:45 pm	Structural Analysis II (CE303)	System Software (CS 303)	Linear Control Systems (EE303)	Applied Electromagnetic Theory (EC303)	Theory of Computation (IT303)	Non-Destructive Testing(ME367)/ Nuclear Engineering(ME371)		
04/11/2019	9.30 am - 11.30 am	Geomatics (CE307)	Data communication (CS307)	Signals and Systems (EE307)	Power Electronics & Instrumentation (EC307)	Operating Systems (IT305)	Electrical Drives & Control for Automation (EE311)		
MONDAY	1:45pm - 3:45 pm	Water Resources Engineering (CE309)	Graph theory And Combinatorics (CS309)	Microprocessor and Embedded Systems (EE309)	Principles of Management (HS300)	Computer Networks(IT307)	Principles of Management (HS300)		
05/11/2019 TUESDAY	9.30 am - 11.30 am	Advanced Concrete Technology(CE361)/ Geotechnical Investigation(CE363)	Soft computing (CS 361)	New and Renewable Energy Systems(EE367)	Biomedical Engineering (EC365)/ Digital system Design	Computer Graphics & Multimedia (IT367)	Machine Tools and Digital Manufacturing (ME303)		

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY

SERIES EXAMINATION II - NOVEMBER 2019

TIMETABLE FOR SEMESTER III

DATE&DAY	TIME			SUBJ	ECT			
		CE	CSE	EEE	ECE	IT	ME	
01/11/2019 FRIDAY	9.30 am - 11.30 am	Linear Algebra & Complex Analysis (MA201)	Linear Algebra & Complex Analysis (MA201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA 201)	Linear Algebra & Complex Analysis(MA201)	
02/11/2019 SATURDAY	9.30 am - 11.30 am	Mechanics of Solids (CE201)	Discrete Computational Structures (CS201)	Circuits and, Networks (EE 201)	Electronic Circuits (EC205)	Discrete Computational Structures (CS201)	Mechanics of Solids (ME201)	
	1:45pm - 3:45 pm	Business Economics (HS200)	Business Economics (HS200)	Business Economics (HS200)				
04/11/2019	9.30 am - 11.30 am	Fluid Mechanics I (CE203)	Switching Theory and Logic Design (CS203)	Analog Electronic Circuits (EE203)	Solid state devices (EC203)	Data Communication (IT203)	Mechanics of Fluids (ME203)	
MONDAY	1:45pm - 3:45 pm	Engineering Geology (CE205)	Data Structures (CS205)	DC Machines and Transformers (EE205)	Network Theory (EC201)	Data Structures (CS205)	Thermodynamics (ME205)	
05/11/2019 TUESDAY	9.30 am - 11.30 am	Surveying (CE207)	Electronic Devices & Circuits (CS207)	Computer Programming (EE207)	Logic Circuit Design (EC207)	Digital System Design (1T201)	Metallurgy & Materials Engineerin (ME210)	

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY SERIES EXAMINATION II - NOVEMBER 2019

TIMETABLE FOR SEMESTER I

DATE & DAY		The second second	the last many of	SUBJ	ECT	1	
	TIME	CE	CSE	EEE	ECE	IT	ME
01/11/2019 FRIDAY	9.30 am - 11.30 am	LINEAR ALGEBRA AND CALCULUS (MA101)	LINEAR ALGEBRA AND CALCULUS (MA101)	LINEAR ALGEBRA AND CALCULUS (MA101)	LINEAR ALGEBRA AND CALCULUS (MA101)	LINEAR ALGEBRA AND CALCULUS (MA101)	LINEAR ALGEBRA AND CALCULUS (MA101)
02/11/2019	9.30 am - 11.30 am	Engineering Physics A& B (PHT 100/PHT110)	Engineering Chemistry (CYT 100)	Engineering Chemistry (CYT 100)	Engineering Chemistry (CYT 100)	Engineering Physics A& B (PHT 100/PHT110)	Engineering Physics A& B (PHT 100/PHT110)
SATURDAY	1:45pm - 2:45 pm	LIFE SKILLS	LIFE SKILLS	LIFE SKILLS	LIFE SKILLS	LIFE SKILLS	LIFE SKILLS
	9.30 am - 11.30 am	Engineering Mechanics (EST 100)	Engineering Mechanics (EST 100)	Engineering Mechanics (EST 100)	Engineering Graphics ESC EST 110	Engineering Graphics ESC EST 110	Engineering Graphics ESC EST 110
04/11/2019 - MONDAY	1:45pm - 3:45 pm	Basics of Electrical & Electronics Engineering ESC EST 130 Engineering(EE100)	Basics of Civil & Mechanical Engineering ESC EST 120	Basics of Electrical & Electronics Engineering ESC EST 130 Engineering(EE100)			

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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM



Department of Electronics & Communication Engineering

Course- PO Attainment Calculations

Semester	v
Batch	A

Subject	Digital Signal Processing
Course code	C 301
Faculty Name	VINIJA KURIAN

CO-PO MAPPING MATRIX

SLNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	P012
C 301.1	3	3	3	3	3	1	-	-	1			2
C 301.2	3	3	3	3	2	1	20	12	1	2	(a)	2
C 301.3	3	3	3	3	3	1	-	-	1	-	1	2
C 301.4	3	3	3	3	3	1	а.	2	1		1	2
C 301.5	3	3	2	2	1	1		-	1	-		2
C 301.6	3	3	3	3	1	1			1			2

CO-PSO MAPPING MATRIX

SLNO	PSO1	PSO2	PSO3
C 301.1	1	3	-
C 301.2	1	3	₹.
C 301.3	1	3	÷
C 301.4	1	3	2
C 301.5	1	3	1
C 301.6	1	3	-

CO ATTAINMENT MATRIX

Assessment Tools	C 301.1	C 301.2	C 301.3	C 301.4	C 301.5	C 301.6
CT1	3	3				
CT2		2	×	3	1	
Asst 1	3	257	<u>12</u>	2	322	820
Asst 2	-	(m.)	3	×		5
University	3	3	3	3	3	3
CO Attainment	3	2.85	3	3	2.4	2.1
CO Attainment Avg	2.72					

COURSE - PO MATRIX

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C 301 (Mapped)	3	3	2.83	2.83	2.17	1	-	(4	1	-	1	2
C 301 (Attained)	2.72	2.72	2.59	2.59	2.07	0.91		Ø	0.91	3	1	1.82
C 301(Feedback)	3	3	3	3	3	3	-	æ	3	-	3	3

COURSE - PSO MATRIX

Course Code	PSO1	PSO2	PSO3
C 301(Mapped)	1	3	1
C 301 (Attained)	0.91	2.72	0.8
C 301(Feedback)	3	3	3

Total PO & PSO Assessment using Direct Assessment Tools (considering internal assessment and university exam)

Vinija Kueian Offa.



VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

VAZHAKULAM P.O., MUVATTUPUZHA, ERNAKULAM DIST. KERALA, INDIA - 686670 Phone: 0485 - 2262211, 2262255, 2262977, 2262244, 2262311, 94963 35522 Email: vjcet@vjcet.org vjcvkim@gmail.com Website: www.vjcet.ac.in

Vision "Moulding Professionals par Excellence with Integrity, Fairness and Human Values"

- Mission We commit to develop the institution into a Centre of Excellence of International Standards.
 - We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technology and the ever changing world of business, industry and services.
 - We help and support our students in their personal growth shaping them into mature and responsible individuals.
 - We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
 - We promise to ensure a free environment where quest for the truth is encouraged.

COURSE DIARY

Branch : ELECTRO	NICS AND COMMUNICATION.
Semester: 34	Year: 2020
Subject: EC 204 Code: EC 204	ANALOG INTEGRATED CIRCUITS
Name of Staff member	: SMITHA CYRIAC
Mobile No.	: 9447523022
Designation	ASSISTANT PROFESSOR
Department	: ECE

Details of Assignments

Decans of Assignments								
No.	Date of submission	Date of return after evaluation	Description					
1.	3/02/2020	11/02/2020	1. Effect of B. W, finite open loop gaven on clet performance 2. Effect of slew ration clet performance 3. Proputres of practical op-amp 4. Addu - subtractor det analysis					
2	2/3/20	9/3/20	D) Explains the imposition of frequency compensated N/we is op-amp and the commonly used compensation technque External / Inturial freq compensation technque					
3	2/5/20	Y/5/20	D) Explain any 5 speci fications of of Ald converter and Dto A converter 2) Draw the ideal Transfer chara of Ald and Dto A converters 3) wante roles on sample and hold circuits					

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NETWORK THEORY

ASSIGNMENT I

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Qn.1	2.5
an 2	2.5
an 3	2.5
Qn 4	2.5

Submitted by,

Feba Ann Kurian S3 ECE B Roll N0:13

$$g_{0}|v_{e} \frac{d^{4}v(e)}{dk^{4}} + \frac{6}{6k}\frac{d^{4}v(e)}{dk} + \frac{1}{8}v(e) = s_{0}(k) \frac{1}{7}v(e) = 1$$

$$g_{0}d \sqrt{1}(e) = s$$

$$\frac{17}{5^{4}}v(e) - s^{1}v(e) - s^{0}s^{1}(e) + \frac{1}{8}(e^{1}v(e) - v(e)) + \frac{1}{8}v(e)$$

$$\frac{x 20}{5}$$

$$\frac{1}{9}v(e) - (\frac{1}{9} - e) + (6 + e^{1}v(e) - 6) + \frac{1}{8}v(e) = e^{1}s$$

$$\sqrt{61} = \frac{5^{1} + \frac{1}{8} + \frac{1}{9}}{5^{4} + 6 + \frac{2}{9}} = \frac{3}{9} + \frac{8}{9} + \frac{2}{9}$$

$$\sqrt{61} = \frac{5^{1} + \frac{1}{8} + \frac{1}{9}}{5^{4} + 6 + \frac{2}{9}} = \frac{3}{9} + \frac{8}{9} + \frac{2}{9}$$

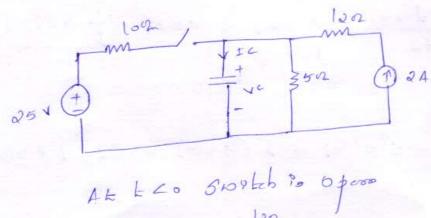
$$\frac{1}{9} = \frac{5}{6}(\frac{1}{9} + \frac{1}{9}) = \frac{3}{9} + \frac{1}{9} + \frac{2}{9}$$

$$\frac{1}{9} = \frac{5}{6}(\frac{1}{9} + \frac{1}{9})(\frac{1}{9} + \frac{1}{9}) = \frac{1}{9} = \frac{1}{9} + \frac{1}{9}$$

$$\frac{1}{9} = \frac{5}{6}(\frac{1}{9} + \frac{1}{9})(\frac{1}{9} + \frac{1}{9}) = \frac{1}{9} = \frac{1}{9} + \frac{1}{9}$$

$$\frac{1}{9} = \frac{1}{9}(\frac{1}{9} + \frac{1}{9})(\frac{1}{9} + \frac{1}{9})(\frac{1}{9})(\frac{1}{9} + \frac{1}{9})(\frac{$$

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$$t$$

 $v(e)$
 $-$
 $v(e)$
 $z = 1$
 $z = 1$

$$- \frac{\sqrt{5}}{5} + \frac{2}{5} = 0$$
$$-\frac{\sqrt{5}}{5} = -2$$
$$V = 10V$$
$$V_{c} [0] = 10V$$

$$\left(-\frac{\sqrt{(e)}-25}{10}\right)-1\frac{d}{dt}\sqrt{(e)}-\frac{\sqrt{(e)}}{5}+\sqrt{(e)}=0$$

$$-\frac{V(6)}{10} + \frac{\sqrt{5}}{100} - 3 \quad \sqrt{6} + \frac{10}{5} - \frac{\sqrt{6}}{5} + \frac{1}{5} = 0$$

$$V(6) \left[\frac{1}{10} + 5 + \frac{1}{3} \right] = 2\left[5 + 25 \right]_{10} + 10$$

$$V(6) = \frac{2}{5} + \frac{2}{5} + \frac{2}{100} + \frac{10}{10} = \frac{20 + \frac{2}{5} + 10}{\frac{100}{3}}$$

$$\frac{100}{3} = \frac{100}{3}$$

$$\frac{V_{0}(5)}{V_{1}(5)} = \frac{0}{\frac{85+4}{45+1}} = \frac{0(45+1)}{85+4} = \frac{85+9}{85+4} = \frac{45+1}{25+1}$$

$$V_{1} = \begin{bmatrix} -\vartheta \\ (4 + 1) \end{bmatrix} I_{1} - \vartheta (I_{1} + I_{0}) = 0$$

$$V_{2} = \vartheta [I_{2} + I_{1}] = 0$$

$$V_{1}(\theta) = \frac{\vartheta I_{1}}{4\vartheta + 1} + \vartheta (I_{1} + I_{0})$$

$$\frac{V_{1}(5)}{V_{1}(5)} = \frac{\pm}{V_{1}(5)} \frac{3}{45+1} + \frac{V_{2}(5)}{V_{1}(5)}$$

$$I = \frac{1}{v_1} + \frac{2}{w_{s+1}} + \frac{4s+1}{w_{s+2}} = \frac{1}{w_1} \left(\frac{2}{w_{s+1}} \right)$$

$$=\frac{4s+a}{4s+a}=\frac{1}{V_1}\left(\frac{2}{4s+1}\right)=\frac{1}{4s+a}=\frac{1}{V_1}\left(\frac{2}{4s+1}\right)$$

$$Z_{11}(s) = \frac{v_1}{I_1} = \frac{s}{(4s+1)} \begin{pmatrix} 4s+s \end{pmatrix} v_2$$

$$\frac{v_{2}}{z_{1}} \Rightarrow \frac{v_{1}}{z_{1}} = \frac{2}{(46+1)} \frac{z_{1}}{z_{1}} \frac{z_{1}}{z_{1}}$$

$$= \frac{2}{(4s+1)} + \frac{\sqrt{2}}{11}$$

$$\frac{\partial}{\partial (4s+\delta)} = \frac{\partial}{\partial (4s+1)} + \frac{\nabla}{2}$$

$$\frac{a}{4s+j} = \frac{a}{4s+j} + \frac{va}{T_1}$$

$$\frac{85+4}{4s+1} = \frac{-2}{4s+1} = \frac{7}{11} = \frac{7}{11} = \frac{7}{4s+1}$$

if Deoro pole-zao diageon for the give formeting and hoose obterio i A, $f(s) = \frac{55}{(s+1)(s+4s+8)}$ Regous , 5=0 $\begin{array}{ccc} poles & 6 = -1 & -0 + 0 \\ (poles & 6 = -1 & -0 + 0 \\ (poles & 1 & -0 - 0 \\ (poles & 0 & -0 \\ (poles &$ 2 1 7 Red T(s) = 5s = -A + B + C (s+1)(s+2-2i)(s+2+2i) = -A + B + C s+1 + B + C s+1 + 2-2i + 3iA = 55 (6+1) (6+1) (5+2-21) (5+2+21) (5=-1)

 $B = 55 (6 + 0 - 0i) | s = -2 + 0i^{\circ}$ (5+1) (5+0 - 0i) (5+0 + 0i) = .5 + -105i

C= .5+1.51

 $i(t) = -1 \cdot e^{-t} + (\cdot 5 - 1 \cdot 5i)e^{-(2 - 2i)t} + (\cdot 5 + 1 \cdot 5)t e^{-38}$

Quizizz

Quiz Name: Antenna & Wave Propagation-Module 1

Student:Maria Theresa

Date:Wed May 13 2020 - 3:48 pm

96%

Accuracy % (correct / total)

25	24	1	0
Total Questions	✓ Correct	× Incorrect	O Unattempted

Questions

No.	Question	Time Taken	Score	Response
1	Power density is basically termed aspower per unit area	140 secs	700	✓ Radiated
2	According to Webster's dictionary, what is an antenna?	219 secs	700	 Metallic device for radiating or receiving radio waves
3	In a non-isotropic directional antenna, which radiating lobe axis makes an angle of 180° w.r.t. major beam of an antenna?	108 secs	700	✓ Back lobe
4	Which property/ies of antenna is/are likely to be evidenced in accordance to Reciprocity theorem?	220 secs	600	✓ All of the above
5	lf an antenna draws 12 A current and radiates 4 kW, then what will be its radiation resistance?	87 secs	700	✓ 27.77 ohm
6	Linear polarization can be obtained only if the wave consists of	108 secs	600	✔ Both Ex & Ey & in phase
7	According to depth of penetration, what is the percentage proportion of attenuated wave w.r.t its original value?	87 secs	800	✔ 37
8	In retarded potentials, what factor of time delay is generally introduced in A & V equations?	222 secs	700	✔ R/c

Help

Antenna & Wave Propagation-Module 1 | Print Player - Quizizz

No.	Question	Time Taken	Score	Response
9	The vector magnetic potential shows the inverse relationship with its	61 secs	600	✓ Distance of point from the source (R)
10	According to the geometry, how many sterdians are present in a full sphere?	24 secs	600	✔ 4π
11	If a half-wave dipole operates at 300 MHz with λ = 0.5m & D ₀ = 1.643, what will be its effective area?	45 secs	700	✓ 0.032 m ²
12	Sterdian is a measurement unit of	20 secs	700	✓ Solid angle
13	Which among the following defines the angular distance between two points on each side of major lobe especially when the radiation drops to zero?	31 secs	800	✓ First null beam width (FNBW)
14	What is the nature of radiation pattern of an isotropic antenna	18 secs	800	✓ Spherical
15	If HPBW in both planes are 20°, then find directivity in dBi using approximation.	454 secs	700	✔ 20
16	An antenna has a field pattern given by $E(\theta)=\cos^2(\theta)$ for $0 \le \theta \le 90^\circ$. Find the beam area of this pattern.	374 secs	600	✔ 1.26 sr
17	The radiation resistance of an antenna is 72 Ω , and loss resistance is 8 Ω . Find D if power gain=16	70 secs	600	✓ 17.78
18	For a sphere of radius r, find the solid angle Ω_a (in square radians) of a spherical cap on the surface of the sphere over the north pole region defined by spherical angles $0 \le \theta \le 30^\circ$, $0 \le \Phi \le 360^\circ$.	137 secs	600	✔ .84
19	Effective Aperture of an antenna is defined as	63 secs	700	 Ratio of power received to the Poynting Vector of Incident wave.
20	Maximum directive gain of a short dipole is	144 secs	600	√ 1.5
21	Calculate the effective length of a half wave dipole antenna. Given Radiation resistance =73 Ω , Maximum effective aperture =0.13 λ^2 and η =120 π .	172 secs	800	✓ 0.3174λ
22	Calculate the maximum effective aperture of an antenna which is operating at a wavelength of 2m and has a directivity of 100.	99 secs	800	✓ 31.84

Antenna & Wave Propagation-Module 1 | Print Player - Quizizz

No.	Question	Time Taken	Score	Response
23	The value of radiation resistance depends on	119 secs	600	 Configuration of antennaPoint where radiation resistance is consideredLocation of antenna wrt groundsCorona discharge
24	The expression for Antenna Temperature, T is	30 secs	0	T=S*Ae /K
25	The field at a large distance from the antenna is called	84 secs	800	✓ Fraunhofer region

Quizizz

Quiz Name: Basic Electronics Quiz 6

Student:Biyanka Mani

Date:Wed May 20 2020 - 12:31 pm

100%

Accuracy % (correct / total)

15	15	0	0
Total Questions	✓ Correct	× Incorrect	O Unattempted

Questions

No.	Question	Time Taken	Score	Response
1	When considering the public address system shown here, which of the following statements is correct?	82 secs	900	✓ Both the input and the output are sound.
2	What type of amplifier is used in the last stage of Public Addressing System	11 secs	900	✓ Power Amplifier
3	Which component converts sound to an equivalent electrical signal.	19 secs	800	✓ microphone
4	Which block is used to isolate different channels from each other before they are fed to the amplifier?	8 secs	600	✔ Mixer
5	Which component drives the power amplifier to give more power?	38 secs	600	✓ Driver Amplifier
6	The processing circuits block consists of the and	40 secs	900	 Master gain control and tone control
7	The bass control circuit will amplify or cut thesignals and the treble control will amplify or cut thesignals.	9 secs	1800	✓ low frequency, high frequency
0	The push pull type of amplifier is generally s the power amplifier because	12 secs	900	✓ eliminates the even harmonics from the output of the amplifier and avoids the core saturation of the output transformer.

No.	Question	Time Taken	Score	Response
9	What is used for achieving impedance matching between the low impedance of loud speaker and high impedance of power amplifier	27 secs	700	✓ Transformer
10	A measuring system consists of	39 secs	600	✓ All of these
11	Basically a Driver amplifier is a	20 secs	900	✓ Voltage Amplifier
12	Which block converts the output of primary sensing element into suitable form without changing information.	62 secs	800	✓ Variable conversion element
13	Which block converts the electrical signal into suitable range and removes the noise in it.	95 secs	1600	✓ Variable manipulation element
14	Which block transmits data from one element to another	20 secs	700	✓ Data transmission element
15	In the block diagram of a digital multimeter, an ac converter is required if the quantity to be measured is	31 secs	700	✓ ac voltage and ac current

Electronics Workshop Quiz

4:00 - 4:30 PM

Email *

ashiqueam786@gmail.com

The most commonly used semiconductor is	1 point
Germanium	
Silicon	
O Carbon	
O Sulphur	
A forward biased pn junction diode has a resistance of the order of	1 point
A forward biased pn junction diode has a resistance of the order of Ο	1 point
	1 point
Ω	1 point

In the depletion region of a pn junction, there is a shortage of	1 point
O Acceptor ions	
Holes and electrons	
O Donor ions	
O None of the above	
The term bias in electronics usually means	1 point
O the value of ac voltage in the signal.	
the condition of current through a pn junction.	
• the value of dc voltages for the device to operate properly.	
O the status of the diode.	
The number of depletion layers in a transistor is	1 point
O four	
O three	
O one	

💽 two

Timestamp	Username	Total score
2020/07/22 4:12:01 PM (abhinimaji@gmail.com	14.00 / 20
2020/07/22 4:15:33 PM (annmarybusy@gmail.com	18.00 / 20
2020/07/22 4:19:41 PM 0	ashiqueam786@gmail.com	20.00 / 20
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2020/07/22 4:21:43 PM 0	anjalikr0107@gmail.com	20.00 / 20
	alengeorge9526@gmail.com	20.00 / 20
	krishnajabinu2001@gmail.com	20.00 / 20
	hibavsidheek@gmail.com	15.00 / 20
	ashbinroy1357@gmail.com	20.00 / 20
	niniyasugathan@gmail.com	15.00 / 20
	pachunish10@gmail.com	15.00 / 20
	atk.ananthu.27@gmail.com	17.00 / 20
	san.baby.francis123@gmail.com	20.00 / 20
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2020/07/22 4:39:32 PM (rajalakshmiraj26@gmail.com	20.00 / 20
2020/07/22 4:43:13 PM (shaunbijukoikkara@gmail.com	20.00 / 20
2020/07/22 4:53:29 PM (femilfrancistj@gmail.com	20.00 / 20

Name Summer Roll No:



VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SERIES TEST, FEBRUARY 2020

CLASS : S4ECE(A & B) Duration : 2 Hrs

Max.Marks: 50

EC204: ANALOG INTEGRATED CIRCUITS

-	a)Draw the block diagram and equivalent circuit of an Op-amp	-	-
01	b)Define slew rate and also write the typical value.		
Q2	Design an inverting adder for $Vo = -(0.2V1+2V2+20V3)$	5	T4
Qs	Derive the following characteristics of voltage shunt amplifier i) closed loop voltage gain ii) input impedance iii) output impedance iv) bandwidth OR Draw the circuit of instrumentation amplifier and deduce its output equation. Also write the important features of instrumentation amplifier.	10	(C211.2) 78 (C211.2)
-	PART-B(Answer and fam oundlood	-	-
Q4	analysis,	8	74 (C211.3)
Q5	Draw the circuit of wien bridge oscillator using op-amp and derive the equation for frequency of oscillation.Design a wien bridge oscillator for a frequency of 2 KHz.	8	74 (C211.))
Q6	Draw the circuit of a temperature compensated logarithamic amplifier and show that it provides temperature independent logarithamic output	8	T4 ((211.3)
	PART-C	-	accession of

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	2		22	1	

20	Design a Schmitt trigger with hysteresis width $V_H = 2V$.Assume Vsat = 14 V	4	T4 (C211.4)
Q8	Draw and explain the circuit of a triangular wave generator . Also derive an expression for frequency of oscillation. OR With neat circuit diagram and output waveforms explain the working of astable multivibrator using Op-amp. Also derive an expression for its time period.	10	14 (CRL4)

and describe the internal circuits, the parameters of IC 741

C211.2 Identify op-amp amplifier and feedback circuits.

C211.3 Examine various applications of op amp

C211.4 Analyze different switching and filter circuits using op-amp. Taxonomy: TI knowledge . T2 - Comprehension .T3 - Application .T4-Analysis

Course Co-ordinator

Stream Co-ordinator

HOD

Viswajyothi College of Engineering 15 Technology Department of ECE

Answer key and Scheme for Secies Test - I

Part - A

- I.a) Block diagram of Op-amp 2 Marks Equivalent circuit . - 1 Mark Refer Pg. of Text
 - b) Definition of Slew Rate 1 Mark Typical Value (0.5 V/45) - 1 Mark Refer Pg. of Text
 - 2. $V_0 = -(0.2V_1 + 2V_2 + 20V_3)$
 - $V_{0} = -\left[\frac{R_{F}}{R_{1}}V_{1} + \frac{R_{F}}{R_{2}}V_{2} + \frac{R_{F}}{R_{3}}V_{3}\right]$
 - $\frac{R_F}{R_1} = 0.2 \qquad \frac{R_F}{R_2} = 2 \qquad \frac{R_F}{R_3} = 20 \qquad \text{Let } R_F = 1K$
 - $R_{1} = \frac{R_{F}}{0.2} = 5K \qquad R_{2} = 500.1 \qquad R_{3} = 50.1 \\ R_{1} = 5K \qquad R_{F} = 1K \\ V_{1} \qquad R_{1} = 5K \qquad V_{0} \\ V_{2} \qquad N_{1} \qquad V_{2} \qquad V_{3} \\ V_{3} \qquad R_{3} = 50.1 \\ F_{3} = 50.1 \\$

Circuit Diagram - 2 Marks R1, R2, R3 - 1 Each

3. Vollage Shunt amplifier Circuit Diagram - 2 Marks closed loop Voltage gain - 1 Mark input impedance - 1 Mark Output impedance - 1 Mark Bandwidth - 1 Mark Refer Pg. of Text Convert mill (OR) Instrumentation Amplifier Circuit Diagram - 4 Macks Output derivation - 4 Marks Features - 2 Marks (Each 1/2 Mark) Refer Pg. of Text Part-B

11.75

4. Integrator Circuit Diagram - 2 Marks Frequency Response - 2 Marks Derivation of fa - 2 Marks Derivation of fb - 2 Marks Refer Pg. of Text

5. Wein Bridge Oscillator

Circuit Diagram - 2 Marks

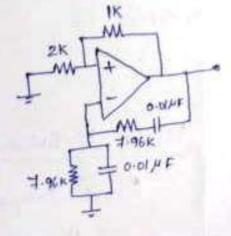
Derivation of frequency of Oscillation - 4 Marks

f= ____ Design - 2 Marks ATRC $R = \frac{1}{2\pi fc} = \frac{1}{2\pi x 2k x 0.01 \mu F}$ 1 = 7.96 K

 $1+\frac{R_1}{P_2}=3 \implies \frac{R_1}{R_1}=2$

RE RE

Let RF=1K ... Ri=2K Refer Pg. of Text



6. Logarithamic amplifier Circuit diagram - 3 Marks - 5 Marks Derivation Refer By. of Text

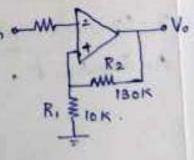
7. Schmitt Trigger

Circuit Diagram - 2 Marks Vin -M Design - 2 Marks VUTP = Usat RI R.+R =

Let R. = 10K ... 1 = 14 10K ION-R2

104 R2 = 140 K

R2 = 130K





Name Lunn Roll Not.....

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING SERIES TEST, JULY 2020

CLASS : S4ECE(A & B)

EC204: ANALOG INTEGRATED CIRCUITS

Max.Marks: 30

1

4

-	_	EC204:ANALOG INTEGRATED CIRCUITS PART-A	D	uration : I
82	QI	With neat internal circuit explain the working of 555 Astable multivibrator.Also derive the expression for Oscillation frequency. OR With neat diagram explain the working of PLL,Capture and Lock range.Write any one application of PLL.	8	Ţ# (C211.5)
)	QI	With neat internal circuit explain IC 723 as low voltage regulator. Also explain current limiting circuit.	8	T2 (C211.5)
	QJ	Design second order low pass filter for a cutoff frequency of 3 KHz.	4	14 (C211.4)
	Q4	With neat circuit explain the working of weighted resistor DAC .	4	T3 (C211.6)
	QS	Explain the working of Successive Approximation ADC .	6	T2 (C211.6)

C211.5 Discuss specialized IC's and its applications. C211.6 Distinguish different data converters

Taxonomy : T1 knowledge . T2 - Comprehension . T3 - Application . T4-Analysis

Course Go ordinator

Stream edinator

TRILL HOD

Viswajyothi College of Engineering & Technology Department of ECE Answer Key and Scheme for Series Test-I Part-A 1. Astable Multivibrator Using IC 555 (8) Circuit Diagram - 3 Marks - 3 Marks 1 Working (OR) Refer Pg. of Text Derivation - 2 Marks PLL Circuit (8) Block Diagram - 2 Marks Working - 4 Marks 3 Applications - 2 Marks of Text Refer Pg. 2. IC 723 Regulator (8) Circuit Diagram - 8 Marks Working - 3 Marks Current Limiting Circuit - 2 Marks Refer Pg. of Text

3. Low Pass Filter Design (4)

Formula - 1 Mark f= Design - 1 Mark R= -Circuit - 2 Marks = 5

 $f = \frac{1}{2\pi R_{c}} + \frac{R_{1}}{R_{F}} = 1.586$ $R = \frac{1}{2\pi \times 3K \times 0.01 \mu F} + \frac{R_{1}}{R_{F}} = 0.586$ $= 5.307 K + \frac{R_{1}}{R_{F}} = 10 K$ $R_{1} = 5.86 K$

4. Weighted Resistor DAC (4) Circuit Diagram - 2 Marks Working - 2 Marks Refer Pg of Text
5. Successive Approximation ADC (6) Circuit Diagram - 2 Marks Working - 4 Marks Refer Pg of Text
Refer Pg of Text
Refer Pg of Text

- 1. Linear Integrated Circuits by S. Salivahanan, V.S. Kanchana Bhaaskaran, Mc. Graw Hill Education, Second Edition.
- 2. Op-amps and Lineae Integrated Circuits by Ramakant A. Giaya kwad, Prentice - Hall India, Third Edition.

MAIN ANSWER SHEET

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY VAZHAKULAM



Series Test : I/II/III

Date: 20/9/19

Subject with Code : Network Theory

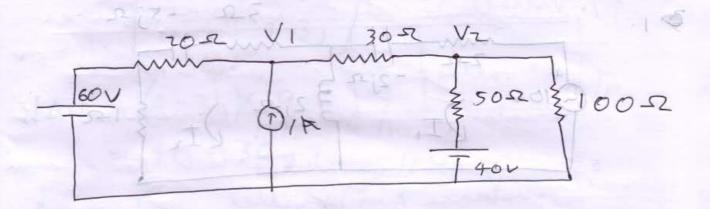
Name of Candidate: Rahul Sajeeth Mahar Roll No: 23

Semester & Branch: 53 ECE A

Qn. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
Marks	9	(9		10	B	10	9	10			No. 1					(58)

"Moulding Engineers par excellence with integrity, fairness and human values" Try to Store

3a -5ja \$10V -72;-2 512 for merch 1 $(2+2j-2j)I_{1}-2jI_{2}=10$ =72I1 - Zj I2 = 10 - 0 righ 2, lon (3+1-5j+2j) I2 - 2j I1 = 0 (4 - 3j) Iz - 2j I = 0 - D $O, O = A = \begin{bmatrix} z & -z_j \end{bmatrix}$ æ-2j 4-3; $|\Delta| = [(4 - 3)^{2}] - [-2] \times -2]$ $|\Delta| = 12 - 6i$



2.

$$\frac{1}{20} \text{ node } \frac{1}{1}$$

$$\frac{V_{1}}{20} - \frac{80}{120} + \frac{V_{1}}{30} - \frac{V_{2}}{30} - 1 = 0$$

$$\frac{V_{1}}{20} + \frac{V_{1}}{30} - \frac{V_{2}}{30} = 3 + 1 = 4 - 0$$

$$\frac{1}{20} + \frac{V_{1}}{30} - \frac{V_{2}}{30} = 3 + 1 = 4 - 0$$

$$\frac{1}{30} + \frac{V_{2}}{30} - \frac{40}{30} + \frac{V_{2}}{100} = 0$$

$$\frac{V_{1}}{30} + \frac{V_{2}}{30} + \frac{V_{2}}{50} - \frac{40}{100} + \frac{V_{2}}{100} = 0$$

$$\frac{V_{1}}{30} + \frac{V_{2}}{30} + \frac{V_{2}}{50} + \frac{V_{2}}{100} = 4 - 0$$

$$\frac{V_{1}}{30} + \frac{V_{2}}{30} + \frac{V_{2}}{50} + \frac{V_{2}}{100} = 5$$

$$\frac{V_{1}}{100} = \frac{V_{2}}{100} = \frac{48}{100} = 0.48 \text{ A}$$

$$\frac{V_{100}}{100} = \frac{V_{2}}{100} = \frac{48}{100} = 0.48 \text{ A}$$

12-51-61

$$D_{1} = \begin{bmatrix} 10 & -2j \\ 0 & 4-3j \end{bmatrix}$$

$$I_{\Delta 1} = \begin{pmatrix} 4-3j \\ k \\ 10 \\ = 40 - 30j \end{bmatrix}$$

$$D_{2} = \begin{bmatrix} 2 & 10 \\ -2j & 0 \end{bmatrix}$$

$$D_{2} = -\begin{pmatrix} -2j \\ k \\ 10 \\ = 20j \end{bmatrix}$$

$$I_{D_{2}} = -\begin{pmatrix} -2j \\ k \\ 10 \\ 12 - 6j \end{bmatrix}$$

$$I_{D_{2}} = \frac{10}{12} = \frac{40 - 30j}{12 - 6j} = 3.67 - 0.67j$$

$$I_{2} = \frac{|\Delta 2|}{|\Delta|} = \frac{20j}{12 - 6j} = -0.67 + 1.33j$$

$$I_{2} = \frac{|\Delta 2|}{|\Delta|} = \frac{20j}{12 - 6j} = -0.67 + 1.33j$$

$$I_{2} = \frac{1}{|\Delta|} = I_{2} = 4 \cdot 34 - 2j \cdot A$$

$$\therefore V_{2} = I_{2} = I_{2} \times 2j$$

$$= (4 \cdot 34 - 2j \cdot A)$$

$$= I_{2} = I_{2} = R_{2} = (3.67 - 0.67j)^{2} \times T$$

$$= I_{3} = 0 \cdot 2j \cdot W$$

$$\approx I_{3} + 0 \cdot 2j \cdot W$$

Viswajyothi College of Engineering and Technology, Vazhakulam P.O SERIES TEST I - MARK LIST SEPTEMBER 2019

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e			3		1	
8.		1	2		3	
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ELECTRONICS & COMMUNICATION ENGINEERING - BATCH B (2019 - 2023 BATCH)

	LINEAR ALGEBR/ AND CALCULU	CHEMISTR	ENGINE ERING GRAPHI CS	& MEC	OF CIVIL HANICAL SEERING					
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SI Name No	Dany Sebastian	Manu Sebastian	Lovin Varghese	Arun K.R.	Devina Vipinan			Failed		
1000	Internal Te	t Internal Test	Internal Test 1	Internal Test 1	Test 1			-		
Ma	x Marka Sb	50	50	25	25	200	20.00	0	м	D
1 ADORN TYPACHEN	23	37	39	21	20	140	70.00	0	M	D
2 AUTH GEORGE LOU	15 21	36	20	22	24	123	53.50	1	M	D
J AKSHAY SANKAR P	40	9	25	17 24	16	107	74.50	0	M	D
4 ALUIN SABU	37	37	13 48	24	22	188	94.00	0	F	D
5 ANITTA MAVIN	47	49	40	22	23	183	91.50	0	F	D
6 ANN MARIA VINOD	47	49	34	25	21	179	89.50	0	F	D
7 ANN MARY JAMES	30	24	36	21	19	133	66.50	0	M	D
8 ANTONY JOSE 9 APARINA BIJU	44	42	39	20	19	164	82.00	0	F	D
10 ARYA MANOHAR	22	11	6	20	15	74	37.00	2	F	D
11 ASHIK GEORGE	21	28	40	22	17	128	64.00	0	M	D
12 ASHLY JOSHY	25	44	30	21	22	142	71.00	0	F	D
13 ASHINA A A	21	42	20	23	21	127	63.50	0	F	D
14 BASIL BENNY	25	39	41	22	20	147	73.50	0	М	D
15 BENSON JOHN	24	38	18	25	19	124	62.00	1	м	D
16 BIJILA M ELDHO	15	14	18	14	15	76	38.00	3	F	D
17 BINUSREE P A	50	45	50	25	23	193	96.50	0	F	D
18 BIYNAKA MANI	34	47	41	25	21	168	84.00	0	F	Ð
19 BRIJIT SAJU	35	43	42	22	21	163	81.50	0	F	LH
20 DEVIKA SUBASH	39	45	43	22	21	170	85.00	0	F	D
21 DINU JOY	35	41	37	23	19	155	77.50	0	F	D
2 EDWIN SIBY	31	8	31	13	14	97	48.50	1	M	0
J FINU JAMES	40	37	28	25	22	152	76.00	0	F.	D
MA IMRANKHAN A M	47	44	49	25	23	188	94.00	0	M	D
5 HELN JOY	37	40	33	22	16	148	74.00	0	M	P
5 JOE P 8 7 JOYAL JOHNSON	41	43	42	25	17	168	84.00	0	M	D
8 JOYAL JOSE	48	44	43	25	17	177	88.50	0	M	D
9 KRISHNA S BIJU	16	46	35	23	20	171	85.50	0	F	LH
O LEON JOHNSON	31	and the part of the local division of the lo			12	45	22.50	1	F	D
I MARLA REENA ROY	48	24	35 41	4	16	108	54.00	1	M	MH
2 MEENU K R	14	26	20	25	22	184	92.00	0	F	LH
MUHAMMAD SAFTHA		4	0	21	13 8.5	94 21.5	47.00	1 5	F	LH D
PRANAV PRADEEP	16		200		and the second	NUM	2/9/55			
REVATHY RAJEEVAN	49	2 48	27	17	16	78	39.00	2	M	D
ROHAN BIJCY	36	38	44	24	24	189	94.50	0	F	D
ROSEMOL JOHN	33	the second se	37	20	17	148	74.00	0	M	D
SANDRA SANTY	30	39 45	44	22	19	157	78.50	0	F	D
STEBIN JOSE	28	28	32	25	23	155	The second se	0	F	D
THOMASKUTTY TALV		15	38	22	21	137	68.50	0	M	D
TONY JOHN		13	8	13	11	51	25.50	3	M	D
Average	31.6097561		25 33.27	13	11	70	35,00	2	M	D
Max.Mark	50	the second se	the second se	20.78	67.95					
Min.Mark		49	50	25	24	-				
No: of Full Pass	34	2	0	2	9	-				
Pass Percentage		33	35	38	39	-				
Not of Absentees	82.9268293		83.33	90.48	92,86					
and the second se	0	0	1	1	1					
No: of All Pass			29	1		1				
Percentage of All pas			0.73		_	1		1 an		

TUTOR CASH

HOD, ECE DEP

Viswajyothi College of Engineering and Technology, Vazhakulam P.O

INTERNAL TEST I MARKLIST (RANK WISE)



B.Tech Electronics and Communication Engineering SI-EC B

		LINEAR	ENGG	ENGG	BASICS O	F CIVIL &				Rank
		MATIOI	CYT100	EST110		120C	Total	Percentag	HOSTEL	
SI No	Name	Dany	Manu	Lovin	Arun K.R.	Devina		•	HOSTEL	Tenns
		Internal	Internal	Internal	Internal	Internal	-			
	Max. Marks	50	50	50	25	25	200			1
17	BINUSREE P A	50	45	50	25	23	193	96.50		2
35	REVATHY	49	48	44	24	24	189	94.50		3
5	ANIITA MAVIN	47	47	48	24	22	188	94.00		3
24	IMRANKHAN A	47	44	49	25	23	188	94.00		5
31	MARIA REENA	48	48	41	25	22	184	92.00	LH	
6	ANN MARIA	47	49	42	22	23	183	91.50	-	6
7	ANN MARY	50	49	34	25	21	179	89.50		7
27	JOYAL JOHNSON	48	44	43	25	17	177	88.50		8
28	JOYAL JOSE	47	46	35	23	20	171	85.50	LH	9
20	DEVIKA SUBASH	39	45	43	22	21	170	85.00		10
18	BIYNAKA MANI	34	47	41	25	21	168	84.00		11
26	JOE P B	41	43	42	25	17	168	84.00		11
9	APARNA BLIU	44	42	39	20	19	164	82.00		13
19	BRIJIT SAJU	35	43	42	22	21	163	81.50	LH	14
37	ROSEMOL JOHN	33	39	44	22	19	157	78.50	1000	15
21	DINU JOY	35	41	37	23	19	155	77.50		16
38	SANDRA SANTY	30	45	32	25	23	155	77.50		16
23	FINU JAMES	40	37	28	25	22	152	76.00		18
4	ALBIN SABU	37	37	33	24	18	149	74.50		19
25	JIBIN JOY	37	40	33	22	16	148	74.00		20
36	ROHAN BIJOY	36	38	37	20	17	148	74.00		20
14	BASIL BENNY	25	39	41	22	20	147	73.50		22
12	ASHLY JOSHY	25	44	30	21	22	142	71.00		23
1	ADORN	23	37	39	21	20	140	70.00	-	24
39	STEBIN JOSE	28	28	38	22	21	137	68.50	-	25
8	ANTONY JOSE	33	24	36	21	19	133	66.50	-	26
11	ASHIK GEORGE	21	28	40	22	17	128	64.00	-	27
13	ASHNA A A	21	42	20	23	21	127	63.50		
15	BENSON JOHN	24	38	18	25	19	124	62.00		28
2	AJITH GEORGE	21	36	20	22	24	123	61.50	-	29
30	LEON JOHNSON	31	24	35	2	16	108	54.00	MO	30
3	AKSHAY	40	9	25	17	16	107	and the second se	MH	31
22	EDWIN SIBY	31	8	31	13	14	97	53.50		32
32	MEENU K R	14	26	20	21	13	94	48.50	111	33
34	PRANAV	16	2	27	17	16	78	47.00	LH	34
16	BUILA M ELDHO	15	14	18	14	15	76	39.00		35
10	ARYA	22	11	6	20	15	and the second se	38,00		36
41	TONY JOHN	8	13	25	13	11	74	37.00		37
40	THOMASKUTTY	4	15	8	13	and the second se	70	35.00		38
29	KRISHNA S BUU	16	29	AB	AB	11	51	25.50		39
33	MUHAMMAD	4	4	0	AB 5	AB	45	22.50		40
		-	110-110-13		-	8.5	21.5	10.75		41

CLASS TUTOR

36 DS, 5 HOSTELER HOD, ECE

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY, VAZHAKULAM Series Test I September 2019 Result Analysis

SI.	ingenter.		No. of	No. of	% of	100,000,000,000	entage Pass	100000000000000000000000000000000000000	entage Pass	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	entage Pass	
No	Subject	Faculty	Students appeared	students passed	Pass	Boys	Girls	Boys (Hostel)	Girls (Hostel)	Boys (Day)	Girls (Day)	Remarks
1	LINEAR ALGEBRA AND CALCULUS	Dany Sebastian	41	34	82.92	80	85.7	100	75	78.9	88.23	
2	ENGINEERING CHEMISTRY	Manu Sebastian	41	33	80.49	70	90.4	100	100	68.42	88.23	
3	ENGINEERING GRAPHICS	Lovin Varghese	40	35	83.33	85	90	100	100	84.2	87.5	
4	BASICS OF CIVIL ENGINEERING	Devina∨ipinan	40	39	92.86	95	100	100	100	94.7	100	
5	BASICS OF MECHANICAL ENGINEERING	Arun K.R.	40	38	90.48	90	100	0	100	94.7	100	

S1 ECE B Faculty Advisor: Mrs. MERLIN THOMAS

2019-23 Admission

No. of Students passed in all subjects : 29 Class Pass Percentage : 29/4

:29/41 = 70.73%

Ms. Smitha Cyraic

HOD (ECE)

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY, VAZHAKULAM Series Test I February 2020 Result Analysis

SZ ECE B Faculty Advisor: Mrs. MERLIN THOMAS	
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: 26/41 = 63.41%

SN	4 64	Faculty	No. of Students	No. of students	% of	Percentage of Pass		Percentage of Pass		Percentage of Pass		
1000			appeared	passed	Pass	Boys	Girls	Boys (Hostel)	Girls (Hostel)	Boys	Girls	Remarks
1	VECTOR CALCULUS DIFFERENTIAL EQUATIONS AND TRANSFORM	Jinta Jose	38	36	95	89	100	100	100	(Day) 88	(Day)	
2	ENGINEERING PHYSICS A	Robin K Augustine	40	32	80	60	100	100	100	58	100	
3	ENGINEERING MECHANICS	ShineGeorge Meril Jose	40	30	75	65	85	100	100	63	82.35	
514	BASICS OF ELECTRICAL ENGINEERING	Cini K	41	39	95.12	95	95	100	100	95	94	
	BASICS OF ELECTRONICS ENGINEERING	Merlin Thomas	41	34	83	65	100	100	100	63	100	
	C- PROGRAMMING	Mary Nirmala George	41	37	90	80	100	0	100	84	100	

No. of Students passed : 26

Class Pass Percentage

Alutohomo .

Ms. MERLIN THOMAS **Faculty** Advisor

milk MS. SMITHA CYRAIC HOD (ECE)

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY, VAZHAKULAM Series Test II July 2020 Result Analysis

S2 ECE B Faculty Advisor: Mrs. MERLIN THOMAS

: 39/41 = 95.12%

2019-23 Admission

			No. of	No. of	% of	Perce of P	ntage 'ass	Percentage of Pass		Percentage of Pass		
SL. No	Subject Faculty Students students passed	Pass	Boys	Girls	Boys (Hostel)	Girls (Hostel)	Boys (Day)	Girls (Day)	Remarks			
1	VECTOR CALCULUS DIFFERENTIAL EQUATIONS AND TRANSFORM	Jinta Jose	41	41	100	100	100	100	100	100	100	
2	ENGINEERING PHYSICS A	Robin K Augustine	41	41	100	100	100	100	100	100	100	
3	ENGINEERING MECHANICS	ShineGeorge Meril Jose	41	41	97.56	95	100	100	100	94.7	100	
4	BASICS OF ELECTRICAL ENGINEERING	Cini K	41	41	100	100	100	100	100	100	100	
5	BASICS OF ELECTRONICS ENGINEERING	Merlin Thomas	41	41	97.56	95	100	0	100	100	100	
6	C- PROGRAMMING	Mary Nirmala George	41	41	100	100	100	100	100	100	100	

No. of Students passed : 39

Class Pass Percentage

Ms. MERLIN THOMAS Faculty Advisor

MS. SMITHA CYRAIC HOD (ECE)

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION TIME TABLE – S1 ECE A& B

REMEDIAL CLASS FOR SERIES TEST 1

DATE	SUBJECT
14/10/2019	LINEAR ALGEBRA & CALCULUS
15/10/2019	ENGINEERING CHEMISTRY
16/10/2019	ENGINEERING GRAPHICS
17/10/2019	BASICS OF CIVIL ENGINEERING
18/10/2019	BASICS OF MECHANICAL ENGINEERING

REMEDIAL TEST FOR SERIES TEST 1

DATE	SUBJECT
21/10/2019	LINEAR ALGEBRA & CALCULUS
22/10/2019	ENGINEERING CHEMISTRY
23/10/2019	ENGINEERING GRAPHICS
24/10/2019	BASICS OF CIVIL ENGINEERING
25/10/2019	BASICS OF MECHANICAL ENGINEERING

Group Tutors:

Sani John (SI ECA) Merlin Thomas (SI ECB)

HOD Mrs. Smitha Cy

Subject Engineering Chemistry

Sign Name of Student Akshay Sanker Arya Manohar Bijila M. Topic Date 81. No. ign -Ant 15.10.19. 1 Aug Baight P Edwin Siby Merhammed Satter Uchuc Pranar Pradesp Thomaskuldy Talvar Tony Johon Im Staff: Manu Sebashas 65

5

SI .NO	Bate Alame	student +	stign 1
St and	Viswaiyothi College of Engine	eering and Technology	, Vazhakulam
	Department of S	cience and Humanifie	s
Class:	Remedial S1 ECS Subject:	Class Attendance Linan Alguer & Ca	Linduz
	n Charge: Davy Schathan	Date: 14-10-200	1
No:	Name	Signature	Topics Handled
	Benson John	Dest	
4	Tony Jown	80	
3 4.	Bijila M Eldho	Brighton	
5	Kishna & Biji	alender	1-1-1-22
6.	Meenie k.R.	- tan	- Fourier Series
1	Muhammad datthe	BELA	Security
4	Thomas hubby Techieni	- An	_
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Subject : Engeneering Caraphres. Sign Topic Name of student Date SI NO. ENGINEERING GRAPHICS SUBJECT: FACULTY : LOVIN VARGHESE CLASS : S1 EC B ATTENDANCE CLASS TEST Name MARK Roll No SI. No. (50) a./ 20 AJITH GEORGE LOUIS P 02 1 20 P ASHNA A A 13 2 P 20 MEENUKR 32 3 18 P BENSON JOHN 15 4 18 p **BIJILA M ELDHO** 16 5 8 THOMASKUTTY TALVAR P 40 ñ 6 ARYA MANOHAR ρ 10 7 P 0 MUHAMMAD SAFTHAR M A 4 33 8 Topic: Lines inclined to both planes (HT & UT)

Levin Varghun Ares . Rop MED

Subject: Basics of Mechanical Engenusing 3 Pope Sign Derivations of Driver Otto cycle, Driver Carnol cycle, Working of a stocke engine Julas. Alame of student Date St-Nto SI No 1. 25/10/19 Leon Johnson Muhammed Saftar fully. Anup K. R. AP, ME

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION TIME TABLE – SI ECE A& B

REMEDIAL CLASS FOR SERIES TEST 2

REMEDIAL TEST FOR SERIES TEST 2

DATE	SUBJECT
11/11/2019	LINEAR ALGEBRA & CALCULUS
12/11/2019	ENGINEERING CHEMISTRY
13/11/2019	ENGINEERING GRAPHICS
14/11/2019	BASICS OF CIVIL ENGINEERING
15/11/2019	BASICS OF MECHANICAL ENGINEERING
18/11/2019	LIFE SKILLS

DATE	SUBJECT
19/11/2019	LINEAR ALGEBRA & CALCULUS
20/11/2019	ENGINEERING CHEMISTRY
21/11/2019	ENGINEERING GRAPHICS
22/11/2019	BASICS OF CIVIL ENGINEERING
23/11/2019	BASICS OF MECHANICAL ENGINEERING
25/11/2019	LIFE SKILLS

Group Tutors:

Sani John (SI ECA) Merlin Thomas (SI ECB) (Real Ahormer)

HOD

Mrs. Smitha Cyriac



APJ Abdul Kalam Technological University

Student Exam Eligibility Report

EC401	: INFORMATION THEORY & CODING-EC401
EC403	: MICROWAVE & RADAR ENGINEERING-EC403
EC405	: OPTICAL COMMUNICATION-EC405
EC407	: COMPUTER COMMUNICATION-EC407
EC409	: CONTROL SYSTEMS-EC409
EC461	: MICROWAVE DEVICES AND CIRCUITS-EC461
EC465	: MEMS-EC465
EC451	: SEMINAR & PROJECT PRELIMINARY-EC451
EC431	: COMMUNICATION SYSTEMS LAB(OPTICAL & MICROWAVE)-EC431

A: Attendance I: Internal Mark C: Committee Mark E: Eligibility									
Student	EC401	EC403	EC405	EC407	EC409	EC461	EC465	EC451	EC431
VJC16EC004 AISWARYA M NAIF	R A: 78.00 I: 23.00 E: Yes	A: 78.43 I: 32.00 E: Yes	A: 79.00 I: 29.00 E: Yes	A: 84.00 I: 31.00 E: Yes	A: 76.00 I: 23.00 E: Yes	NA	A: 77.00 I: 24.00 E: Yes	A: 82.00 I: 33.00 C: 37.00	A: 92.00 I: 62.00 E: Yes
	1.100	2.100	2.100	2.100	2.100		1	E: Yes	

		27	22	55	24				
VJC16EC005 AKHIL K UNNIKRISHNAN	A: 81.00 I: 29.00 E: Yes	A: 75.59 I: 29.00 E: Yes	A: 79.00 I: 28.00 E: Yes	A: 91.00 I: 35.00 E: Yes	A: 76.00 I: 23.00 E: Yes	NA	A: 79.00 I: 30.00 E: Yes	A: 82.00 I: 33.00 C: 40.00 E: Yes	A: 100.00 I: 82.00 E: Yes
VJC16EC006 AKHIL ROY	A: 93.00 I: 47.00 E: Yes	A: 90.20 I: 38.00 E: Yes	A: 92.00 I: 41.00 E: Yes	A: 94.00 I: 43.00 E: Yes	A: 94.00 I: 48.00 E: Yes	NA	A: 96.00 I: 48.00 E: Yes	A: 97.00 I: 47.00 C: 41.00 E: Yes	A: 100.0 I: 93.00 E: Yes
VJC16EC010 ALEENA SANTO	A: 86.00 I: 35.00 E: Yes	A: 82.35 I: 40.00 E: Yes	A: 83.00 I: 35.00 E: Yes	A: 87.00 I: 40.00 E: Yes	A: 83.00 I: 27.00 E: Yes	NA	A: 85.00 I: 46.00 E: Yes	A: 89.00 I: 46.00 C: 37.00 E: Yes	A: 92.00 I: 63.00 E: Yes
VJC16EC011 ALEESHA SARA MATHEWS	A: 93.00 I: 44.00 E: Yes	A: 90.20 I: 37.00 E: Yes	A: 92.00 I: 43.00 E: Yes	A: 90.00 I: 40.00 E: Yes	A: 89.00 I: 39.00 E: Yes	A: 87.00 I: 44.00 E: Yes	NA	A: 90.00 I: 44.00 C: 43.00 E: Yes	A: 100.0 I: 93.0 E: Yes
VJC16EC012 ALEN A BABY	A: 76.00 I: 23.00 E: Yes	A: 76.47 I: 28.00 E: Yes	A: 77.00 I: 25.00 E: Yes	A: 76.00 I: 28.00 E: Yes	A: 78.00 I: 23.00 E: Yes	NA	A: 77.00 I: 23.00 E: Yes	A: 82.00 I: 43.00 C: 33.00 E: Yes	A: 79.0 I: 60.0 E: Yes
VJC16EC015 ANANDHU MURALY	A: 85.00 I: 33.00 E: Yes	A: 84.31 I: 32.00 E: Yes	A: 87.00 I: 29.00 E: Yes	A: 84.00 I: 30.00 E: Yes	A: 79.00 I: 33.00 E: Yes	NA	A: 77.00 I: 29.00 E: Yes	A: 88.00 I: 41.00 C: 38.00 E: Yes	A: 100.0 I: 71.00 E: Yes
VJC16EC016 ANANTHAKRISHNAN M S	A: 85.00 I: 36.00 E: Yes	A: 84.31 I: 36.00 E: Yes	A: 85.00 I: 34.00 E: Yes	A: 78.00 I: 37.00 E: Yes	A: 76.00 I: 30.00 E: Yes	NA	A: 79.00 I: 38.00 E: Yes	A: 84.00 I: 46.00 C: 39.00 E: Yes	A: 100.0 I: 81.00 E: Yes

VJC16EC018 ANJANA S	A: 97.00 I: 43.00 E: Yes	A: 92.16 I: 43.00 E: Yes	A: 94.00 I: 43.00 E: Yes	A: 96.00 I: 43.00 E: Yes	A: 94.00 I: 41.00 E: Yes	A: 93.00 I: 41.00 E: Yes	NA	A: 100.00 I: 39.00 C: 43.00 E: Yes	A: 100.00 I: 90.00 E: Yes
VJC16EC019 ANJU JOLY	A: 88.00 I: 31.00 E: Yes	A: 84.31 I: 37.00 E: Yes	A: 87.00 I: 36.00 E: Yes	A: 84.00 I: 32.00 E: Yes	A: 81.00 I: 35.00 E: Yes	NA	A: 89.00 I: 34.00 E: Yes	A: 89.00 I: 34.00 C: 41.00 E: Yes	A: 100.0 I: 81.00 E: Yes
VJC16EC020 ANJU SAJEEV	A: 95.00 I: 36.00 E: Yes	A: 92.16 I: 42.00 E: Yes	A: 94.00 I: 29.00 E: Yes	A: 98.00 I: 41.00 E: Yes	A: 95.00 I: 36.00 E: Yes	NA	A: 94.00 I: 35.00 E: Yes	A: 100.00 I: 41.00 C: 40.00 E: Yes	A: 100.0 I: 77.00 E: Yes
VJC16EC025 ANUSREE C S	A: 92.00 I: 43.00 E: Yes	A: 90.20 I: 43.00 E: Yes	A: 92.00 I: 48.00 E: Yes	A: 90.00 I: 42.00 E: Yes	A: 90.00 I: 45.00 E: Yes	A: 91.00 I: 42.00 E: Yes	NA	A: 97.00 I: 48.00 C: 43.00 E: Yes	A: 84.00 I: 93.00 E: Yes
VJC16EC029 BASIL MARTIN TOM	A: 92.00 I: 48.00 E: Yes	A: 86.27 I: 44.00 E: Yes	A: 90.00 I: 45.00 E: Yes	A: 86.00 I: 46.00 E: Yes	A: 86.00 I: 49.00 E: Yes	NA	A: 85.00 I: 50.00 E: Yes	A: 89.00 I: 45.00 C: 48.00 E: Yes	A: 100.0 I: 90.0 E: Yes
VJC16EC032 BHUVANENDRAN B	A: 90.00 I: 41.00 E: Yes	A: 86.27 I: 40.00 E: Yes	A: 87.00 I: 39.00 E: Yes	A: 84.00 I: 41.00 E: Yes	A: 84.00 I: 36.00 E: Yes	NA	A: 87.00 I: 39.00 E: Yes	A: 92.00 I: 44.00 C: 44.00 E: Yes	A: 94.0 I: 84.0 E: Yes
VJC16EC034 BINIL DEV	A: 76.00 I: 23.00 E: Yes	A: 80.39 I: 25.00 E: Yes	A: 76.00 I: 24.00 E: Yes	A: 77.00 I: 23.00 E: Yes	A: 75.00 I: 23.00 E: Yes	NA	A: 77.00 I: 28.00 E: Yes	A: 75.00 I: 32.00 C: 33.00 E: Yes	A: 79.00 I: 57.00 E: Yes

V.	1	1	ñ	r	r			1	·
VJC16EC035 BINITTA THOMAS	A: 92.00 I: 48.00 E: Yes	A: 86.27 I: 40.00 E: Yes	A: 92.00 I: 39.00 E: Yes	A: 91.00 I: 46.00 E: Yes	A: 87.00 I: 44.00 E: Yes	NA	A: 91.00 I: 43.00 E: Yes	A: 97.00 I: 45.00 C: 41.00 E: Yes	A: 100.00 I: 86.00 E: Yes
VJC16EC036 CERIL JOSEPH	A: 90.00 I: 48.00 E: Yes	A: 82.35 I: 41.00 E: Yes	A: 90.00 I: 42.00 E: Yes	A: 88.00 I: 44.00 E: Yes	A: 94.00 I: 46.00 E: Yes	A: 87.00 I: 42.00 E: Yes	NA	A: 93.00 I: 46.00 C: 48.00 E: Yes	A: 100.00 I: 90.00 E: Yes
VJC16EC037 CHANDINI BINU	A: 95.00 I: 39.00 E: Yes	A: 90.20 I: 37.00 E: Yes	A: 94.00 I: 42.00 E: Yes	A: 96.00 I: 44.00 E: Yes	A: 92.00 I: 37.00 E: Yes	A: 89.00 I: 39.00 E: Yes	NA	A: 100.00 I: 45.00 C: 43.00 E: Yes	A: 92.00 I: 94.00 E: Yes
VJC16EC038 CHITHIRA MAHESH	A: 92.00 I: 43.00 E: Yes	A: 86.27 I: 41.00 E: Yes	A: 90.00 I: 39.00 E: Yes	A: 95.00 I: 38.00 E: Yes	A: 94.00 I: 37.00 E: Yes	A: 91.00 I: 43.00 E: Yes	NA	A: 97.00 I: 48.00 C: 43.00 E: Yes	A: 100.00 I: 87.00 E: Yes
VJC16EC039 CHRISTO JOJO	A: 85.00 I: 28.00 E: Yes	A: 82.35 I: 33.00 E: Yes	A: 85.00 I: 30.00 E: Yes	A: 89.00 I: 29.00 E: Yes	A: 87.00 I: 34.00 E: Yes	NA	A: 85.00 I: 24.00 E: Yes	A: 87.00 I: 41.00 C: 37.00 E: Yes	A: 84.00 I: 81.00 E: Yes
VJC16EC043 DEVAPRASAD V J	A: 66.00 (LL) I: 27.00 E: Yes	A: 80.39 I: 27.00 E: Yes	A: 67.00 (LL) I: 25.00 E: Yes	A: 67.00 (LL) I: 25.00 E: Yes	A: 67.00 (LL) I: 25.00 E: Yes	NA	A: 66.00 (LL) I: 25.00 E: Yes	A: 75.00 I: 35.00 C: 32.00 E: Yes	A: 76.00 I: 58.00 E: Yes
VJC16EC044 DHANYA JOBY	A: 85.00 I: 38.00 E: Yes	A: 86.27 I: 36.00 E: Yes	A: 90.00 I: 37.00 E: Yes	A: 87.00 I: 41.00 E: Yes	A: 84.00 I: 38.00 E: Yes	A: 84.00 I: 38.00 E: Yes	NA	A: 96.00 I: 46.00 C: 44.00 E: Yes	A: 94.00 I: 85.00 E: Yes

VJC16EC048 ELAINE LIZ JOSEPH	A: 90.00 I: 33.00 E: Yes	A: 90.20 I: 35.00 E: Yes	A: 94.00 I: 38.00 E: Yes	A: 88.00 I: 36.00 E: Yes	A: 89.00 I: 33.00 E: Yes	A: 91.00 I: 33.00 E: Yes	NA	A: 97.00 I: 43.00 C: 41.00 E: Yes	A: 92.00 I: 78.00 E: Yes
VJC16EC049 FIDHA VASIL	A: 85.00 I: 29.00 E: Yes	A: 76.47 I: 31.00 E: Yes	A: 79.00 I: 30.00 E: Yes	A: 85.00 I: 36.00 E: Yes	A: 79.00 I: 24.00 E: Yes	NA	A: 83.00 I: 34.00 E: Yes	A: 87.00 I: 35.00 C: 40.00 E: Yes	A: 95.00 I: 67.00 E: Yes
VJC16EC054 HARSHA JOSE	A: 97.00 I: 34.00 E: Yes	A: 94.12 I: 37.00 E: Yes	A: 94.00 I: 39.00 E: Yes	A: 96.00 I: 41.00 E: Yes	A: 95.00 I: 39.00 E: Yes	A: 93.00 I: 29.00 E: Yes	NA	A: 90.00 I: 46.00 C: 44.00 E: Yes	A: 100.00 I: 87.00 E: Yes
VJC16EC055 JEBINS JAIS	A: 93.00 I: 29.00 E: Yes	A: 94.12 I: 38.00 E: Yes	A: 92.00 I: 32.00 E: Yes	A: 90.00 I: 35.00 E: Yes	A: 90.00 I: 29.00 E: Yes	NA	A: 89.00 I: 37.00 E: Yes	A: 95.00 I: 39.00 C: 36.00 E: Yes	A: 100.00 I: 86.00 E: Yes
VJC16EC058 JEWEL JIMMY	A: 93.00 I: 27.00 E: Yes	A: 94.12 I: 33.00 E: Yes	A: 94.00 I: 26.00 E: Yes	A: 95.00 I: 28.00 E: Yes	A: 90.00 I: 24.00 E: Yes	NA	A: 91.00 I: 25.00 E: Yes	A: 100.00 I: 46.00 C: 39.00 E: Yes	A: 94.00 I: 63.00 E: Yes
VJC16EC062 JOANN P BERNARD	A: 88.00 I: 40.00 E: Yes	A: 88.24 I: 42.00 E: Yes	A: 88.00 I: 36.00 E: Yes	A: 92.00 I: 41.00 E: Yes	A: 89.00 I: 36.00 E: Yes	A: 89.00 I: 35.00 E: Yes	NA	A: 85.00 I: 49.00 C: 43.00 E: Yes	A: 95.00 I: 93.00 E: Yes
VJC16EC065 KARTHIKA GOPI	A: 95.00 I: 49.00 E: Yes	A: 92.16 I: 43.00 E: Yes	A: 94.00 I: 46.00 E: Yes	A: 92.00 I: 43.00 E: Yes	A: 90.00 I: 43.00 E: Yes	NA	A: 91.00 I: 43.00 E: Yes	A: 100.00 I: 45.00 C: 43.00 E: Yes	A: 100.00 I: 90.00 E: Yes

	141		12		<u>1997 </u>				
VJC16EC066 LAKSHMIPRIYA	A: 86.00	A: 88.24	A: 92.00	A: 90.00	A: 92.00	A: 87.00	NA	A: 100.00	A: 100.00
	1: 35.00	I: 39.00	1: 36.00	I: 35.00	I: 40.00	I: 33.00		1: 45.00	I: 85.00
	E: Yes	E: Yes		C: 41.00	E: Yes				
	-							E: Yes	
VJC16EC067 LEENU S	A: 76.00	A: 78.43	A: 81.00	A: 82.00	A: 81.00	A: 76.00	NA	A: 94.00	A: 81.00
CHENGALATHU	I: 47.00	I: 48.00	I: 43.00	I: 48.00	I: 48.00	I: 40.00		I: 48.00	I: 93.00
	E: Yes	E: Yes		C: 46.00	E: Yes				
								E: Yes	
VJC16EC068 LINER REGI	A: 88.00	A: 82.35	A: 85.00	A: 90.00	A: 87.00	NA	A: 89.00	A: 92.00	A: 98.00
	I: 33.00	I: 29.00	I: 35.00	I: 34.00	I: 25.00		I: 27.00	I: 44.00	l: 74.00
	E: Yes		E: Yes	C: 40.00	E: Yes				
								E: Yes	
VJC16EC071 MATHEWS BINOY	A: 80.00	A: 84.31	A: 77.00	A: 82.00	A: 78.00	NA	A: 83.00	A: 82.00	A: 92.00
	I: 30.00	I: 25.00	I: 30.00	I: 27.00	I: 23.00		I: 31.00	I: 35.00	l: 61.00
	E: Yes		E: Yes	C: 33.00	E: Yes				
								E: Yes	
VJC16EC072 MEGHA SUKUMAR	A: 81.00	A: 82.35	A: 85.00	A: 84.00	A: 81.00	NA	A: 81.00	A: 96.00	A: 88.00
	I: 40.00	I: 42.00	I: 39.00	I: 43.00	I: 46.00		I: 43.00	I: 47.00	I: 86.00
	E: Yes		E: Yes	C: 44.00	E: Yes				
								E: Yes	
VJC16EC073 MERIN THOMAS	A: 93.00	A: 92.19	A: 90.00	A: 92.00	A: 92.00	A: 91.00	NA	A: 100.00	A: 100.00
	l: 44.00	I: 46.00	l: 47.00	l: 47.00	I: 49.00	I: 44.00		I: 46.00	I: 95.00
	E: Yes	E: Yes		C: 44.00	E: Yes				
								E: Yes	
VJC16EC074 MERLIN JOHN	A: 92.00	A: 86.27	A: 94.00	A: 93.00	A: 90.00	NA	A: 91.00	A: 100.00	A: 100.00
	l: 44.00	I: 43.00	I: 47.00	I: 45.00	l: 45.00		I: 45.00	I: 40.00	l: 87.00
	E: Yes		E: Yes	C: 41.00	E: Yes				
								E: Yes	

	101		<u> </u>		494	· · · · · · · · · · · · · · · · · · ·			
VJC16EC077 MITHUN MURALI KRISHNA	A: 88.00 I: 30.00 E: Yes	A: 88.24 I: 37.00 E: Yes	A: 88.00 I: 30.00 E: Yes	A: 82.00 I: 27.00 E: Yes	A: 84.00 I: 32.00 E: Yes	NA	A: 81.00 I: 28.00 E: Yes	A: 96.00 I: 36.00 C: 43.00 E: Yes	A: 88.00 I: 67.00 E: Yes
VJC16EC079 NEETHA VINCENT	A: 93.00 I: 47.00 E: Yes	A: 88.24 I: 44.00 E: Yes	A: 94.00 I: 37.00 E: Yes	A: 91.00 I: 42.00 E: Yes	A: 89.00 I: 45.00 E: Yes	NA	A: 96.00 I: 42.00 E: Yes	A: 97.00 I: 42.00 C: 41.00 E: Yes	A: 100.00 I: 83.00 E: Yes
VJC16EC080 NITHIN BOSE THARAKAN	A: 90.00 I: 36.00 E: Yes	A: 90.20 I: 37.00 E: Yes	A: 92.00 I: 41.00 E: Yes	A: 84.00 I: 37.00 E: Yes	A: 87.00 I: 39.00 E: Yes	A: 87.00 I: 39.00 E: Yes	NA	A: 92.00 I: 41.00 C: 40.00 E: Yes	A: 100.00 I: 86.00 E: Yes
VJC16EC081 PARVATHI SURESH	A: 76.00 I: 26.00 E: Yes	A: 75.51 I: 29.00 E: Yes	A: 77.00 I: 23.00 E: Yes	A: 78.00 l: 27.00 E: Yes	A: 76.00 I: 26.00 E: Yes	NA	A: 81.00 I: 25.00 E: Yes	A: 90.00 I: 41.00 C: 41.00 E: Yes	A: 92.00 I: 62.00 E: Yes
VJC16EC083 PAUL KURIAKOSE	A: 81.00 I: 36.00 E: Yes	A: 76.47 I: 37.00 E: Yes	A: 79.00 I: 30.00 E: Yes	A: 84.00 I: 36.00 E: Yes	A: 76.00 I: 36.00 E: Yes	NA	A: 81.00 I: 42.00 E: Yes	A: 84.00 I: 38.00 C: 38.00 E: Yes	A: 85.00 I: 84.00 E: Yes
VJC16EC084 PRISTEEN JOSE	A: 76.00 I: 23.00 E: Yes	A: 75.51 I: 24.00 E: Yes	A: 76.00 I: 23.00 E: Yes	A: 75.00 I: 29.00 E: Yes	A: 75.00 l: 23.00 E: Yes	NA	A: 77.00 I: 26.00 E: Yes	A: 77.00 I: 27.00 C: 33.00 E: Yes	A: 76.00 I: 57.00 E: Yes
VJC16EC085 RADHIKA SABU	A: 90.00 I: 27.00 E: Yes	A: 86.27 I: 30.00 E: Yes	A: 88.00 I: 30.00 E: Yes	A: 96.00 I: 32.00 E: Yes	A: 90.00 I: 27.00 E: Yes	NA	A: 91.00 I: 29.00 E: Yes	A: 96.00 I: 38.00 C: 38.00 E: Yes	A: 100.00 I: 73.00 E: Yes

		4.7 C	20	470 V/	294 C				20 C
VJC16EC086 RAHANA SULTHANA M SIDHIK	A: 88.00 I: 34.00 E: Yes	A: 84.31 I: 33.00 E: Yes	A: 83.00 I: 24.00 E: Yes	A: 84.00 I: 36.00 E: Yes	A: 87.00 I: 34.00 E: Yes	NA	A: 85.00 I: 32.00 E: Yes	A: 87.00 I: 37.00 C: 35.00 E: Yes	A: 100.00 I: 61.00 E: Yes
VJC16EC087 RAINA ROY	A: 90.00 I: 36.00 E: Yes	A: 90.20 I: 39.00 E: Yes	A: 92.00 I: 33.00 E: Yes	A: 85.00 I: 40.00 E: Yes	A: 84.00 I: 30.00 E: Yes	NA	A: 87.00 I: 33.00 E: Yes	A: 96.00 I: 32.00 C: 39.00 E: Yes	A: 88.00 I: 71.00 E: Yes
VJC16EC091 RUBLE SARA BABY	A: 88.00 I: 38.00 E: Yes	A: 84.31 I: 30.00 E: Yes	A: 92.00 I: 40.00 E: Yes	A: 93.00 I: 38.00 E: Yes	A: 86.00 I: 35.00 E: Yes	A: 87.00 I: 32.00 E: Yes	NA	A: 76.00 I: 38.00 C: 38.00 E: Yes	A: 100.0 I: 86.00 E: Yes
VJC16EC092 SARATH CHANDRAN S	A: 86.00 I: 35.00 E: Yes	A: 80.31 I: 40.00 E: Yes	A: 83.00 I: 37.00 E: Yes	A: 84.00 I: 39.00 E: Yes	A: 86.00 I: 34.00 E: Yes	NA	A: 83.00 I: 39.00 E: Yes	A: 88.00 I: 39.00 C: 39.00 E: Yes	A: 94.00 I: 83.00 E: Yes
VJC16EC096 SHEETAL DAVID	A: 88.00 I: 32.00 E: Yes	A: 86.27 I: 36.00 E: Yes	A: 92.00 I: 38.00 E: Yes	A: 88.00 I: 36.00 E: Yes	A: 86.00 I: 35.00 E: Yes	NA	A: 91.00 I: 27.00 E: Yes	A: 87.00 I: 41.00 C: 36.00 E: Yes	A: 100.0 I: 78.00 E: Yes
VJC16EC097 SHILPA LALU	A: 81.00 I: 32.00 E: Yes	A: 80.27 I: 31.00 E: Yes	A: 87.00 I: 35.00 E: Yes	A: 77.00 I: 37.00 E: Yes	A: 76.00 I: 36.00 E: Yes	A: 78.00 I: 31.00 E: Yes	NA	A: 84.00 I: 42.00 C: 41.00 E: Yes	A: 92.00 I: 74.00 E: Yes
VJC16EC098 SNEHA SUNNY	A: 85.00 I: 27.00 E: Yes	A: 84.31 I: 35.00 E: Yes	A: 90.00 I: 33.00 E: Yes	A: 86.00 I: 28.00 E: Yes	A: 86.00 I: 28.00 E: Yes	NA	A: 85.00 I: 34.00 E: Yes	A: 96.00 I: 40.00 C: 42.00 E: Yes	A: 100.0 I: 70.00 E: Yes

VJC16EC102 SRUTHY	A: 97.00	A: 92.16	A: 96.00	A: 94.00	A: 95.00	A: 96.00	NA	A: 96.00	A: 100.00
JAYACHANDRAN	I: 42.00 E: Yes	l: 45.00 E: Yes	l: 45.00 E: Yes	l: 42.00 E: Yes	l: 46.00 E: Yes	l: 35.00 E: Yes		l: 48.00 C: 46.00	I: 92.00 E: Yes
	A. 05.00	4.02.25	4. 70.00	A: 05 00	4. 07.00	4. 94 00	NA	E: Yes	A. 100.00
VJC16EC104 TONY GEORGE	A: 85.00 I: 29.00	A: 82.35 I: 41.00	A: 79.00 I: 46.00	A: 85.00 I: 35.00	A: 87.00 I: 27.00	A: 84.00 I: 42.00	NA	A: 86.00 I: 44.00	A: 100.00 I: 80.00
	E: Yes		C: 40.00 E: Yes	E: Yes					

COURSE CODE	COURSE NAME	L-T-P-C	YEAR OF INTRODUCT ION
EC233	ELECTRONICS DESIGN AUTOMATION LAB	0-0-3-1	2016
Prerequisite	Nil	1 3	
Course Obje			
	objective of this course is to familiarize the s	States and the second states and the second states and the	
	gital circuits, signals and systems using the soft-wa		
and the second s	gn methodologies for the rapid design and verif	tication of c	omplex electronic
systems.	TECHNOLOG		A 1
	ises / Experiments	111	-
1 Introduc	tion to SPICE	TV	
	a ann una anns anns ainsuit ainsulation na almas suith an	hamatia anter	Lite EDWie VD
	n can use any one circuit simulation package with sc fultisim, Proteus or CircuitLab.]	nematic entry	like ED white,
	on to SPICE software. Recognize various schematic	a symbols /m	adal parameters of
	capacitor, inductor, energy sources (VCVS, CCVS,		-
	er, DIODE, BJT, FET, MOSFET, etc., units & value		
	and analyse (DC, AC, Transient) simple analog and di		
	periments using SPICE [Six experiments mandat		le encurts.
	n of following circuits using SPICE [Schematic e		its using standard
	Analysis –Transient, AC, DC]	57	
	tential divider network		
2. R	C integrating and differentiating circuits		
3. Di	ode, BJT and MOSFET characteristics		
4. Di	ode Circuits (Clipping, Clamping, Rectifiers)		
	C coupled amplifier (Single & two stages)		
	C oscillator (RC phase shift / Wien Bridge)		
United and a second second	stable multivibrator		
	uth table verification of basic and universal gates		
2200 a 220 a	alf adder /full adder circuits using gates		
	bit adder/BCD adder		
The AMERICAN STREET, ST	coder/Multiplexers		
	ipflops/Counters	1	
2 Introduc	tion to MATLAB		
·	n can use any one numerical computational package	like Soil ab	Octava Spyder
	cipy) or Freemat instead of MATLAB]	, IIKC SCILaU,	Octave, Spyder,
I ython (3	cipy) of Treemat instead of WITTERD]		
Fundame	ntals, basic operations on array, matrix, complex m	unbers etc. S	cript and function
	ting commands, control statements.		empt and failedor
	imple programs for handling arrays and plotting of i	nathematical	functions, plotting
	, discrete and noise signals, analysing the simple e		
	mesh equations.		onnanna talan ministra arab Molecula George (M. 1997). Katalar 🔂
	periments [Four experiments mandatory]		
	gram and obtain the solutions		
1. Solve	/plot the mathematical equations containing con	mplex numb	ers, array, matrix
multip	lication and quadratic equations etc		

- 2. Obtain different types of plots (2D/3D, surface plot, polar plot)
- 3. Generate and plot various signals like sine square, pulse in same window.
- 4. Plot the diode/transistor characteristics.
- 5. Solve node, mesh and loop equations of simple electrical/network circuits.
- 6. Find the poles and zeros hence plot the transfer functions/polynomials
- 7. Sort numbers in ascending order and save to another text file using text read and sort function after reading n floating point numbers from a formatted text file stored in the system.
- 8. Plot a full wave rectified waveform using Fourier series

3 Introduction to HDL

[Institution can choose VHDL or Verilog as language to describe the problem and any one simulation/synthesis tool like Xilinix ISE, Modelsim, QSim, verilog, VHDL, EDwinXP or ORCAD etc. for the simulation.]

List of Experiments using HDL

Write the HDL code to realise and simulate the following circuits: (at least 4 of the following)

- 1. Basic gates/universal gates
- 2. Combinational Circuits (Half adder/Half subtractor)
- 3. Full adder in 3 modelling styles (Dataflow/structural/Behavioural)
- 4. Multiplexer/De-multiplexer
- 5. Decoder/Encoder
- 6. 4 bit adder/BCD adder
- 7. Flipflops (SR,JK,T,D)
- 8. Binary Counters
- 9. Finite state machines

Expected outcomes:

- 1. An ability to apply knowledge of computer, science, and engineering to the analysis of electrical and electronic engineering problems.
- 2. An ability to design systems which include hardware and software components.
- 3. An ability to identify, formulate and solve engineering problems.
- 4. An ability to use modern engineering techniques

SYLLABUS

COURSE CODE	COURSE NAME	L-T-P-C	YEAR OF INTRODUC ION
EC233	ELECTRONICS DESIGN AUTOMATION	0-0-3-1	2016
Prerequisite			
Course Obje	ctives :	mutante how	to simulate th
The primary electronics/di modern desi systems.	ctives: objective of this course is to familiarize the igital circuits, signals and systems using the soft-way gn methodologies for the rapid design and verif	ares which are fication of co	available for t mplex electron
of the second state of the	cises / Experiments	111	11
CONTRACTOR OF THE OWNER OF THE OWNER OF THE OWNER OF	tion to SPICE		
Introduct resistor, transform to draw a List of F Simulati package 1. F 2. F 3. 1 4. 1 5. 1 6. 1 7, 4 8, 9, 10, - 11, 12,	Multisim, Proteus or CircuitLab.] tion to SPICE software, Recognize various schematic capacitor, inductor, energy sources (VCVS, CCVS, ner, DIODE, BJT, FET, MOSFET, etc., units & value and analyse (DC, AC, Transient) simple analog and di Experiments using SPICE [Six experiments mandat on of following circuits using SPICE [Schematic e , Analysis – Transient, AC, DC] Potential divider network RC integrating and differentiating circuits Diode, BJT and MOSFET characteristics Diode Circuits (Clipping, Clamping, Rectifiers) RC coupled amplifier (Single & two stages) RC oscillator (RC phase shift / Wien Bridge) Astable multivibrator Truth table verification of basic and universal gates Half adder /full adder circuits using gates 4 bit adder BCD adder Encoder/Multiplexers Flipflops/Counters action to MATLAB	gital electronic	Schematic Edito circuits.
Fundan files, pl Writing of analy node at List of Write p	tion can use any one numerical computational package (scipy) or Freemat instead of MATLAB] mentals, basic operations on array, matrix, complex nu- otting commands, control statements. I simple programs for handling arrays and plotting of r og, discrete and noise signals, analysing the simple e ad mesh equations. Experiments [Four experiments mandatory] orogram and obtain the solutions we /plot the mathematical equations containing co- ltiplication and quadratic equations etc	umbers etc., Sc mathematical fi lectronic circui	ript and function inctions, plotting ts/network using

APPENDIX 1



VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Vazhakulam P.O., Muvattupuzha, Emakulam Dist, Kerala, India - 686670 Phone: 0485 - 2262211, 2262255, 2262977, 2262244, 2262311, 94963 35522 Email: vjcet@vjcet.org vjcvklm@gmail.com Website: www.vjcet.ac.in

Vision "Moulding Engineers par excellence with integrity, fairness and human values"

Mission • We commit to develop the institution into a Centre of Excellence of International Standards.

- We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technologies and the ever changing world of business, industry and services.
- We help and support our students in their personal growth shaping them into mature and responsible individuals.
- We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
- We promise to ensure a free environment where quest for the truth is encouraged.

COURSE DIARY

LABORATORY / PRACTICAL / WORKSHOP

Year : 201.8..... - 201.9.....

SEM : ODD / EVEN

ELECTRONIC DE CIUNY AUTOMATION (CAA) LABORATORY/WORKSHOP

Subject	EDA LAB
Class & Branch	SJEC B
Faculty	SANI JOHN, MARY NIRMALA MINU LEORGE
Date of Commencement	: 1/8/2018

DISTRIBUTION OF MARKS (INTERNAL ONLY)

Laboratory / Practical /	Workshop
Practical records / outputs	60 marks
Regular Classwork / Viva Voce	10 marks
Final Written Test / expt / quiz	30 marks

NOTE

The attendance register may be made available to the group tutor on the first working day of every month for evaluation and for taking action on the defaulting students.

On completion of each semester the attendance book should be handed over to the concerned group tutor/H.O.D.

SCHEDULE OF WORK/TIME TABLE

Days	1	2	3	4	5	6	7
Mon							
Tue		<	S3B -	EDA >			
Wed		1502					
Thu		1			4	S3B-CDA	
Fri	1		dir.	1.50		16.3 949	Part 1

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No.	NAME	Lab	5 0 0	2 5	7 151	STOK	100 m	469	11 18	22.98	制人	8 12				101 101	23	10	102	11 1	1	04	10 2		1	1	-
		Period*	433	College State	2 4	11	1	34	2 4	64	23	673	2			and the second	前堂			開き		E.		The second	0		a II
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2	Abo Eldho		- 8	*		a	Concession of	< 4	4-14-14-14		13					4 35 10	10 69	5 34	10 10	61	36 11	10 61	4 34	3 10 1	2		
3	Alshingh S N	Ric		*	*	+ 1	1000	< A	August 127	000	-				1	6 33 8 1	057	5 33	8 10	56 6	336	10 5	53	8 10 5	*		-
4	Akhel Sagar			4	*	X	10 2 10 10			TR		e			1.61	737 10	10 64	737	10 101	63 6	+ 36/10	1016-	630	10 10 6	ā.	- 1	-
2	Alan Jose	-	1.			a. 0	-			1 x					100	7 37 10			10 10 0	.5	7 37 10	10 44	63	1010 6		1	
6	Alphonsa Ren. Anand Renjillo	au l			4	x j		. 1			1					4 34 10 1			10 10					10 10 5	Z	- 18	-
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Course code	Course Name	L-T-P - Credits	Year of Introduction
**341	DESIGN PROJECT	0-1-2-2	2016
	Prerequisite : N	Nil	

Course Objectives

• To understand the engineering aspects of design with reference to simple products

- · To foster innovation in design of products, processes or systems
- To develop design that add value to products and solve technical problems

Course Plan / Study : Take minimum three simple products, processes or techniques in the area of specialisation,

study, analyse and present them. The analysis shall be focused on functionality, strength, material, manufacture/construction, quality, reliability, aesthetics, ergonomics, safety, maintenance, handling, sustainability, cost etc. whichever are applicable. Each student in the group has to present individually; choosing different products, processes or techniques.

Design: The project team shall identify an innovative product, process or technology and proceed with detailed design. At the end, the team has to document it properly and present and defend it. The design is expected to concentrate on functionality, design for strength is not expected.

Note : The one hour/week allotted for tutorial shall be used for discussions and presentations. The project team (not exceeding four) can be students from different branches, if the design problem is multidisciplinary.

Expected outcome.

The students will be able to

- i. Think innovatively on the development of components, products, processes or technologies in the engineering field
- ii. Analyse the problem requirements and arrive workable design solutions

Reference:

Michael Luchs, Scott Swan, Abbie Griffin, 2015. Design Thinking. 405 pages, John Wiley & Sons, Inc

Evaluation

First evaluation (Immediately after first internal examination)20 marksSecond evaluation (Immediately after second internal examination)20 marksFinal evaluation (Last week of the semester)60 marks

Note: All the three evaluations are mandatory for course completion and for awarding the final grade.

Viswajyothi College of Engineering & Technology, Vazhakulam DESIGN PROJECT TOPICS S5 ECA (2016-'20 batch)

1	AISWARYA M NAIR	in the different Dimmer
1	BINIL DEV	Automatic Head Light Dimmer
_	ALEENA SANTO	
-	TONY GEORGE	Score Board Using Wireless
2	ANANDHU MURALY	
	ANANTHAKRISHNAN M S	Transmission
	RAINA ROY	
3	ALEN A BABY	Solar Tracker using Arduino
	ALEESHA SARA MATHEWS	
	ANJU JOLY	
4	BASIL MARTIN TOM	Humanoid Biped
	CERIL JOSEPH	Trananoio isipeo
	and the second se	
5	ANJU SAJEEV	
3	BHUVANENDRAN B	Intruder detection system
-	BINITTA THOMAS	
100	DHANYAJOBY	
6	ANUSREE C S	Object Following Robot
_	CHITHIRA MARESH	the second s
022	ELAINE LIZ JOSEPH	Li-Fi Industrial Automation
7	CHRISTO JOJO	1.5773450 (F. 7.00000000000000000000000000000000000
	DEVAPRASAD V J	Technology
	CHANDINI BINU	
8	NITHIN BOSE THARAKAN	Smart Dust Bin Using IOT
	FIDHA VASIL	
-	HARSHA JOSE	
9	JEBINS JAICE	Obstacle Avoiding Robot
	ANJANA S	
	JITHIN JOYCHAN	We want the second fit of
10	JOANN P BERNARD	 Arduino based Bluetooth controlle
	MERLIN JOHN	wheelchair
11-2-	LAKSHMIPRIYA	The Allowed States
11	MATHEWS BINOY	Smart Solar Grass Cutter
10.00	LINER REJI	
	SARATHCHANDRAN S	
12	MEGHA SUKUMAR	Call D. L. D. J.
14	SNEHA SUNNY	Self Balancing Robot
	RADHIKA SABU	
13	MERIN THOMAS	
12	PAUL KURIAKOSE	Smart Blind Stick
	LEENUS CHENGALATHU	
10.4	PARVATHI SURESH	Intelligent Agro Management and
14	ROYCE PAUL T	Analysis System
-	MITHUN MURALI KRISHNA	· marysis system
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15		Intelligent Go Light Control
_	RAHANA SULTHANA M SIDHIK	and the second se
and a	SHILPA LALU	and an and a second sec
16	AKHILROY	Game Buzzer Using IC555
	RUBLE SARA BABY	
1000	KARTHIKA GOPI	
17	SHEETAL DAVID	Smart Alarm
	AKHIL K UNNIKRISHNAN	
	PRISTEENJOSE	
18	SRUTHY JAYACHANDRAN	Floor Cleaning Robot
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VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

Department of Electronics and Communication Engineering



BONAFIDE CERTIFICATE

This is to certify that the Design Project report entitled "MULTIFUNCTION GENERATOR" is a bonafide record of the work done by DELWYN JOSEPH (VJC15EC037), CYRIL SHABU (VJC15EC034), JEENA KURIAKOSE (VJC15EC047) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of APJ Abdul Kalam Technological University, Thiruvananthapuram.

Date: 20/11/2017

Place: Vazhakulam

Mrs. Minu George

Design Project Coordinator

Assistant Professor

ECE Dept., VJCET

Prof. Jose P Varghese

HOD

ECE Dept., VJCET MEADLELECTRONICS & COMM, ENGG, DEPT, MEMACICE SOLICIE OF ENGG & TECHNOLOGY VACIANCIAM P.O., MUVATTUPUZHA



VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

Department of Electronics and Communication Engineering



BONAFIDE CERTIFICATE

This is to certify that the Design Project report entitled "SMART BLIND STICK" is a bonafide record of the work done by MERIN THOMAS (Reg. No. VJC16EC073), PAUL KURIAKOSE (Reg. No. VJC16EC083), RADHIKA SABU (Reg. No. VJC16EC085) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of APJ Abdul Kalam Technological University, Thiruyananthapuram.

Date: 29.11.2018

Place: Vazhakulam

Mrs. Anu C Kunjachan Design Project Coordinator Assistant Professor ECE Dept., VJCET

Mrs. Smitha Cyriac HOD ECE Dept., VJCET

Course code	Course Name	L-T-P - Credits	Year of Introduction
**352	Comprehensive Examination	0-1-1-2	2016
1	Prerequisite : N	Nil	

Course Objectives

- To assess the comprehensive knowledge gained in basic courses relevant to the branch of study
- To comprehend the questions asked and answer them with confidence.

Assessment

Oral examination – To be conducted by the college (@ three students/hour) covering all the courses up to and including V semester– 50 marks

Written examination - To be conducted by the Dept. on the date announced by the Universitycommon to all students of the same branch – objective type (1 hour duration)– 50 multiple choice questions (4 choices) of 1 mark each covering the six common courses of S1&S2 and six branch specific courses listed – questions are set by the University - no negative marks – 50 marks.

Note: Both oral and written examinations are mandatory. But separate minimum marks is not insisted for pass. If a students does not complete any of the two assessments, grade I shall be awarded and the final grade shall be given only after the completion of both the assessments. The two hours allotted for the course may be used by the students for discussion, practice and for oral assessment.

Expected outcome.

• The students will be confident in discussing the fundamental aspects of any engineering problem/situation and give answers in dealing with them

Estd

2014

B.Tech **352 COMPREHENSIVE EXAM

LIST OF COURSES FOR OBJECTIVE TYPE EXAMINATION

COMMON COURSES FOR ALL BRANCHES (10 questions)

1	MA101 Calculus (I question)
2	MA102 Differential Equations (1 question)
3	BE100 Engineering Mechanics (2 questions)
4	BE110 Engineering Graphics (2 questions)
5	BE103 Introduction to Sustainable Engineering (2 questions)
6	BE102 Design & Engineering (2 questions)

BRANCH SPECIFIC CORE COURSES (40 questions – minimum 6 questions from each course)

1. A	eronautical Engineering
1	AO201 Aircraft Basics and Controls
2	AO206 Propulsion - 1
3	AO202 Acrodynamics - 1
4	AO204 Aircraft Structures - 1
5	AO301 Aerodynamics -II
6	AO305 Flight Mechanics

2. A	pplied Electronics and Instrumentation Engineering
1	AE301 Control System
2 3 4	EC201 Network Theory
3	AE303 Electrical Measurements & Measuring Instruments
4	EC204 Analog Integrated Circuits
5	AE204 Sensors and Transducers
6	EC207 Logic Circuit Design

3. A	utomobile Engineering
1	AU201 SI Engines & Combustion
2 3	AU203 Auto Chassis
3	AU204 CI Engines & Combustion
4	AU206 Auto Transmission 2014
5	ME311 Manufacturing Processes
5	AU307 Vehicle Body Engineering

Estd

4. B	iomedical Engineering
1	BM201 Basic Medical Sciences for Engineers
2	BM202 Biophysics
23	BM204 Integrated Circuits & Systems
4	BM301 Biomedical Signals & Systems
5	BM303 Biosensors & Transducers
5	BM307 Hospital Engineering

10.1	Electronics and Biomedical Engineering	-
1	BM201 Basic Medical Sciences for Engineers	-
2 3 4 5	IC207 Design of Logic Circuits	
3	BM204 Integrated Circuits & Systems	-
4	BM301 Biomedical Signals & Systems	
5	BM303 Biosensors & Transducers	
6	IC206 Microcontrollers	

11.1	Electronics and Communication Engineering
1	EC201 Network Theory
2 3	EC205 Electronic Circuits
3	EC207 Logic Circuit Design
4	EC202 Signals & System
5	EC208 Analogue Communication Engineering
6	EC303 Applied Electromagnetic Theory

12.1	Food Technology
1	FT201 Food Microbiology
2	FT205 Fundamentals of Heat and Mass Transfer
2 3 4 5 6	FT204 Engineering Properties of Biological Materials
4	FT303 Unit operations in Food Processing
5	FT305 Food Process Engineering
6	FT307 Food Analysis

13.1	Industrial Engineering	_
1	1E303 Operations Research	_
2	1E305 Work Study & Ergonomics	
3	ME303 Machine Tools & Digital manufacturing	
2 3 4	ME220 Manufacturing Technology	
5	ME200 Fluid Mechanics & Machinery	
6	ME213 Theory of Machines	

14.	Information Technology	
1	CS 205 Data structures	1
2	CS 202 Computer Organization & Architecture	
2 3 4	CS 208 Principles of Database Design	
4	IT 303 Theory of Computation	
5	IT 305 Operating Systems	
6	IT 307 Computer Networks	

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION

COMPREHENSIVE EXAM

S6 ECE A&B BATCH

VENUE : COMMUNICATION II LAB

DATE	REGISTER NO	TIME
9 - 4 - 2018	VJ15EC001 - VJ15EC034	8. 55 AM - 4 PM
10 - 4 - 2018	VJ15EC035 - VJ15EC065	8. 55 AM – 4 PM
11 - 4 - 2018	VJ15EC066- VJ15EC094	8. 55 AM – 4 PM

STAFF IN CHARGE

PRINCIPAL HOD



VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Students Examination Eligibility Details

Academic Year : 2017 - 2018

Course Name EC352-COMPREHENSIVE EXAM

Degree Type : Regular

Program : B.Tech(Full Time) Branch : ELECTRONICS AND COMMUNICATION ENGINEERING Semester : S6

Batch : ECE A BATCH

Student	Absent	Internal Marks / Attendan ce %	Availed Leaves	Disc. Action	Eligible for Written Exam	Status	ln- eligibility Type
ALISHA MARIAM CHACKO Register No : VJC15EC011		Internals : 32.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
AMRUTHA MOHAN Register No : VJC15EC016		Internals : 35.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
ANN MARIA CHERIAN Register No : VJC15EC020		Internals : 33.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
ANN TESNA S THOTTUPURAM Register No : VJC15EC022		Internals : 34.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :		Yes	Submitte d by college	

ARATHY B KURISINKAL Register No : VJC15EC023	Internals : 38.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college
ARSHA EDISON Register No : VJC15EC025	Internals : 33.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college
ASNA SHERIN M A Register No : VJC15EC026	Internals : 38.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college
BASIL ABRAHAM Register No : VJC15EC029	Internals : 41.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
BENIT JOSE Register No : VJC15EC030	Internals : 41.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
CYRIL SHABU Register No : VJC15EC034	Internals : 33.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
DELWYN JOSEPH Register No : VJC15EC037	Internals : 44.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
DIJU A THOMAS Register No : VJC15EC039	Internals : 26.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
EMEL JOHNS Register No : VJC15EC042	Internals : 31.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
FEBY MATHEW Register No : VJC15EC043	Internals : 25.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college

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GOVIND K MOHAN Register No : VJC15EC046	Internals : 36.0/50	Long Leave :	Yes	Submitte d by
VJC 15EC046	Attendan ce : 80.0	Duty Leave :		college
JEENA KURIAKOSE Register No :	Internals : 34.0/50 Attendan	Long Leave : Duty	Yes	Submitte d by college
VJC15EC047	ce : 100.0	Leave :		
JEESMON PETER Register No : VJC15EC049	Internals : 28.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
JIPSON SIMON Register No : VJC15EC051	Internals : 30.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
JITHINA SUNNY Register No : VJC15EC054	Internals : 33.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
JOBIN SUNNY Register No : VJC15EC055	Internals : 34.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
JOHNY JOSHY Register No : VJC15EC056	Internals : 21.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
JOSHUA SHAJU Register No : VJC15EC058	Internals : 31.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college
KRISHNA KRIPA K Register No : VJC15EC060	Internals : 43.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college
LISHA TOMY Register No : VJC15EC061	Internals : 33.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college

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LIYA GEORGE Register No : VJC15EC062	Internals : 31.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
MELBIN K MATHAI Register No : VJC15EC064	Internals : 30.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
MELBY SEBY Register No : VJC15EC065	Internals : 28.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
NIMI ELIZABETH JOHNSON Register No : VJC15EC070	Internals : 32.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
PARVATHI S Register No : VJC15EC071	Internals : 34.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
RESHMA BABU Register No : VJC15EC073	Internals : 41.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
RESHMI NATH Register No : VJC15EC074	Internals : 35.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
RHITHU SHYSU Register No : VJC15EC075	Internals : 34.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :		Yes	Submitte d by college	
RINSILA SALIM Register No : VJC15EC076	Internals : 39.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :		Yes	Submitte d by college	

		1	Ĩ	- T	
RIYA BABY Register No : VJC15EC077	Internals : 35.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SAJITHA SAJU Register No : VJC15EC078	Internals : 37.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SHEJIN JOY Register No : VJC15EC082	Internals : 33.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SHRUTI MATHEW Register No : VJC15EC084	Internals : 36.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SIJINA VARGHESE Register No : VJC15EC085	Internals : 36.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SNEHA TRESA JOYSON Register No : VJC15EC086	Internals : 41.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SOURAV S Register No : VJC15EC087	Internals : 31.0/50 Attendan ce : 80.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SREE HARI S Register No : VJC15EC089	Internals : 40.0/50 Attendan ce : 90.0	Long Leave : Duty Leave :	Yes	Submitte d by college	
SREELEKSHMI RAJU Register No : VJC15EC090	Internals : 37.0/50 Attendan ce : 100.0	Long Leave : Duty Leave :	Yes	Submitte d by college	

UNNIMAYA	Internals	Long	Yes	Submitte	
Register No :	: 35.0/50	Leave :		d by	
VJC15EC094	Attendan	Duty		college	
	ce :	Leave :		2027	
	100.0				

		Introduction
**451 Seminar and Project Preliminary	0-1-4-2	2016

Course Objectives

- To develop skills in doing literature survey, technical presentation and report preparation.
- To enable project identification and execution of preliminary works on final semester project

Course Plan

Seminar: Each student shall identify a topic of current relevance in his/her branch of engineering, get approval of faculty concerned, collect sufficient literature on the topic, study it thoroughly, prepare own report and present in the class.

Project preliminary:

Identify suitable project relevant to the branch of study. Form project team (not exceeding four students). The students can do the project individually also. Identify a project supervisor. Present the project proposal before the assessment board (excluding the external expert) and get it approved by the board.

The preliminary work to be completed: (1) Literature survey (2) Formulation of objectives (3) Formulation of hypothesis/design/methodology (4) Formulation of work plan (5) Seeking funds (6) Preparation of preliminary report

Note: The same project should be continued in the eighth semester by the same project team.

Expected outcome.

The students will be able to

- i. Analyse a current topic of professional interest and present it before an audience
- ii. Identify an engineering problem, analyse it and propose a work plan to solve it.

Evaluation Seminar

: 50 marks

(Distribution of marks for the seminar is as follows: i. Presentation : 40% ii. Ability to answer questions : 30% & iii. Report : 30%)

Project preliminary : 50 marks(Progress evaluation by the supervisor : 40% and progress evaluation by the assessment board excluding external expert : 60%. Two progress evaluations, mid semester and end semester, are mandatory.)

Note: All evaluations are mandatory for course completion and for awarding the final grade.

2014

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Seminar Topics 2015-19 B Batch

Roll No	Register Number	Name	Topic .
1	VJC15EC001	ABIL M JOY	
2	VIC15EC002	ABRAHAM GEORGE M	humanoid robotics
1	VICTSECURA	AGNA ANTON'S	IoT
4	VIC15EC005	AKHISHMA STEPHEN	CorDECT Wirelwss in local loop system
5	VJC15EC006	ALEENA BUU	self organising map based region of interest labelling for automated defect identification
6	VJC15EC008	ALIAZ BUU	High altitude aeronautical platform
7	VJC15EC009	ALIN MATHEW	adaptive cruise control
R	VJC15EC010	ALINA NIBU MATHEW	Lora
9	V4C1519C1012	ALITTA LIYA MANUEL	Plastic Solar Cells
-	VJC15EC013	ALWIN REBELLOW	59
-10	VJC15EC015		Energy Efficient communication protocol for wireless microsensor network
11	V3C15EC012	AMAL VIJAYAN ANEETA JOSE	inter vehicle communication
12	VICINECON	ANN MARY SEBASTIAN	Accident Detection System
13	VICISEC024	ARIL GEORGE	Compressed image processing
14	Vac1514	ASWATHY RAIL	polytronics
- 85	VICISECTOR	ÁTHILA M SHANAVAS	(BCC
10	VICI SDC021	BICHU SAJEEV	Bio chips
1	VICISECUTA	CATHERINE ANTO	U Fi
1	VICISECON	CINO BABU	Honeypot
1	9 VICISECOIS	DEENA ANNA ALIAS	NFC
12	VIC15EC036	DELLA PAUL	fractal antenna
1	THE OWNER OF	DEVA SHERLEY MATHEW	MIMO Red Taction
	SHOLSECTUD.	DONA MARIA GEORGE	
1	MUCISECOIL	DONLYA MICHAEL	Brain computing interface Green lasers
	VICTSECOM	FRAJO M METHIPPARA	metamorphic robots
2	ALLCH SUCCESS	FRANCIS ROHAN JOHN	Machine learning
100	VACI5EC048	JEENA MARIYA KURIAKOSE	Optical Communication
2	VIC15EC042	JISHNU SURESH	Survillence camera control system
2	VICISECUSE	JISMY T GEORGE	Wireless capsule
2	VIC15EC057	JOSE MARTIN SAJI	nano technology
3	VICISECOS	JUBIL ANN TOM	Iridium satellite, Nanorobotics
3	VIC15EC063	MATHEW AVARACHAN	Marine VHF Communication
3	MIPTARCYS6	MERIN JOSEPH	plasmonics
1	VICIAEC067	MITHA WAIBEN	Mobile Virtual Reality Service
	METAFCINA	N-S SREEJITH	
Ta	VJC15EC089	NEHA ANIL	lenticular lens
3	MICTSEC022	PRINCE PETER	Biometrics
3	VICT SECURTO	SANDRAMOL SHAJI	Free space optics, haptics
-	MICLIFECTORO	SARATH S KUMAR	smart sensor network
A	VACISECON	SETHULAKSHMI HARIDAS	Hart communication
-	AUCISICOUS	SHONIMA T S	Wireless Communication (paper should be submitted)
	VICTSEALISK	SRADHA THOMAS	wireless charging of mobile using microwaves
A	URCLAT/COMP.	TEENA SHAJI	DAK network
-	CONTRACTORY'S	THARA THOMAS	Steganalysis

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY ELECTRONICS AND COMMUNICATION ENGINEERING S7 ECB SEMINAR EVALUATION

Roll No	Name	Relevance(5)	Presentation(15)	Viva(15)	Report(15)	Total(50)
1	ABIL MJOY	H	11	11	10	30
2	ABRAHAM GEORGE M	5	13	15	11	44
3	AGNA ANTONY	5	14	15	15	49
4	AKHISHMA STEPHEN	5	14	15	15	49
5	ALEENA BUU	TA	12	12	15	43
6	ALIAZ BIJU	4	14	13	13	44
7	ALIN MATHEW	4	13	14	15	46
8	ALINA NIBU MATHEW	4	13	13	14	44
9	ALITTA LIYA MANUEL	I	12	12	12	40
10	ALWIN REBELLOW	12	11	12	10	37
11	AMAL VUAYAN	14	10	10	10	34
12	ANEETA JOSE	27	_ YEAR OU	T		>
13	ANN MARY SEBASTIAN	E	Q	9	10	32
14	ARIL GEORGE	5	14	15	13	47
15	ASWATHY RAJU	5	13	11	11	40
16	ATHILA M SHANAVAS	4	12	11	14	41
17	BICHU SAJEEV	K	12	12	12	41
18	CATHERINE ANTO	tom -	12	13	14	42
19	CINO BABU	5	13	13	10	41
20	DEENA ANNA ALIAS	5	14	14	15	48
21	DELLA PAUL		13	14	13	44
22	DEVA MERLIN MATHEW	45	14	14	15	47
23	DONA MARIA GEORGE	5	14	14	15	48
24	DONIYA MICHAEL	3	8	g.	14	34
25	FRAJO M METHIPPARA	4	10	10	14	35
26	FRANCIS ROHAN JOHN	A	11	12	14	41
27	JEENA MARIYA KURIAKOSE	4	12	12	14	42
28	JISHNU SURESH	4	10	8	8	30
29	JISMY T GEORGE	4	13	13	14	44
30	JOSE MARTIN SAJI	4	11	11	10	36
31	JUBIL ANN TOM	4	13	12	14	43
32	MATHEW AVARACHAN	4	12	12	11	39
33	MERIN JOSEPH	+	12	12	14	
34	MITHA WAIBEN	4	11	12	13	43 40
35	N S SREEJITH	4	YEARO	u7 -	1.2	40
36	NEHA ANIL	4	12	12	14	42
37	PRINCE PETER	3	[]	11	11	36
38	SANDRAMOL SHAJI	4	12	12	15	
39	SARATH S KUMAR	4	12	12	11	43
40	SETHULAKSHMI HARIDAS	4	12	17	15	39
41	SHONIMA T S	4	13	12	15	43
42	SRADHA THOMAS	4	12	12	15	44
43	TEENA SHAJI	4	12	11	15	44
44	THARA THOMAS	4	12	11	15	43

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VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

ELECTRONICS AND COMMUNICATION ENGINEERING

ST ECB SEMINAR EVALUATION

Roll No	Name	Relevance(5)	Presentation(15)	Viva(15)	Report(15)	Total(50)
. /	ABIL M JOY	4+1	10+1	10+1	15+5	34
	ABRAHAM GEORGE M	the second s	18	14	18+3	44
2 /	Longe a summer of	5	14	14	15	48
3	and a second sec	5		13	13+2	46
4 /	AKHISHMA STEPHEN 2	5	13	13	14+1	44
5 /	ALEENA BUU 2	4	12	13	13	44
6 /	ALIAZ BIJU	5	13	13	15	47
7	ALIN MATHEW / 2	5		12	14	43
R 8 -	ALINA NIBU MATHEW 2	5	12		12	38
9 /	ALITTA LIYA MANUEL 2	4	10	12	80	40
10 /	ALWIN REBELLOW 1	5	13	12	10	34
11	AMAL VUAYAN	4	10	10	10	
12	ANEETA JOSE	<	-YEAR OUC		8+2	34
13 /	ANN MARY SEBASTIAN	4	10	10	The second s	44
14 -	ARIL GEORGE	5	13	13	10+3	39
15	ASWATHY RAJU	5	12	112	9+2	Contraction of the second
16 /	ATHILA M SHANAVAS 2	4	11	11	14	40
17	BICHU SAJEEV	5	12	12	9+3	41
18	CATHERINE ANTO	4	n	11	14	41
19	CINO BABU	5	13	12	18+2	40
20 /	DEENA ANNA ALIAS	5	14	13	15	47
21	DELLA PAUL	5	13	13	13	44
22	DEVA MERLIN MATHEW 1	5	13	13	14	45
23	DONA MARIA GEORGE	5	14	13	12+1	47
24	DONIYA MICHAEL	5	10	9	14	38
25	FRAJO M METHIPPARA	4	8+2	8+2	10+1	35
26	FRANCIS ROHAN JOHN	5	12	12	14	43
27	JEENA MARIYA KURIAKOSE		12	13	14	61
28	JISHNU SURESH	4	10	8	8	37
29	JISMY T GEORGE	5	12	13	14	44
30	JOSE MARTIN SAJI	A	12	12	15+5	
31	JUBIL ANN TOM	5	14	13		
32	MATHEW AVARACHAN	4	13	13	13+1	46
	MERIN JOSEPH 2	5	13		10+1	41
33	MITHA WAIBEN 1	4		13	14	45
34	N S SREEJITH	E	13	12	13	42
35		5	The second s	DUT -		>
36	NEHA ANIL		13	13	13+1	4
37	PRINCE PETER	4	12	12	10+1	39
38	SANDRAMOL SHAJI	5	13	13	15	4
39	SARATH S KUMAR	5	10+2	12	18+3	40
40	SETHULAKSHMI HARIDAS 2	- 5	13	12	15	4
41 /	SHONIMATS 2	4	13	12	15	44
42	SRADHA THOMAS	4	13	12	+====	
43	TEENA SHAJI	4	13	12	1215	
44	THARA THOMAS	4	13	12	10	41

Ferry John A

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

Department of Electronics and Communication Engineering



BONAFIDE CERTIFICATE

This is to certify that the seminar report entitled "SATELLITE COMMUNICATION SUPPORTING IoRT" is a bonafide record of the work done by MERLIN JOHN(VJC16EC074)in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of APJ Abdul Kalam Technological University, Thiruvananthapuram.

Date: .. /A/14/19 ..

Place: Vazhakulam Mrs. Anu CKunjachan Seminar Coordinator Assistant Professor ECE Dept., VJCET

Mrs.

HOD ECE Dept., VJCET



VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Students Examination Eligibility Details

Academic Year : 2019 - 2020

Degree Type : Regular

 Program :
 Branch : ELECTRONICS AND COMMUNICATION
 Semester : S7

 B.Tech(Full Time)
 ENGINEERING

Course Name EC451-SEMINAR & PROJECT PRELIMINARY

Batch : ECE A BATCH

Student	Seminar / Attendance % / Project Preliminary	Availed Leaves	Disc. Action	Eligible for Written Exam	Status	In- eligibility Type
AISWARYA M NAIR Register No : VJC16EC004	Seminar : 33.0/50 Attendance : 82.0 Project Preliminary : 37.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
AKHIL K UNNIKRISHNAN Register No : VJC16EC005	Seminar : 33.0/50 Attendance : 82.0 Project Preliminary : 40.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
AKHIL ROY Register No : VJC16EC006	Seminar : 47.0/50 Attendance : 97.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	

ALEENA SANTO Register No : VJC16EC010	Seminar : 46.0/50 Attendance : 89.0 Project Preliminary :	Long Leave : Duty Leave :	Yes	Submitted by college	
ALEESHA SARA MATHEWS Register No : VJC16EC011	37.0/50 Seminar : 44.0/50 Attendance : 90.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
ALEN A BABY Register No : VJC16EC012	Seminar : 43.0/50 Attendance : 82.0 Project Preliminary : 33.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
ANANDHU MURALY Register No : VJC16EC015	Seminar : 41.0/50 Attendance : 88.0 Project Preliminary : 38.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
ANANTHAKRISHN AN M S Register No : VJC16EC016	Seminar : 46.0/50 Attendance : 84.0 Project Preliminary : 39.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
ANJANA S Register No : VJC16EC018	Seminar : 39.0/50 Attendance : 100.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

ANJU JOLY	Seminar :	Long Leave :	Yes	Submitted by	
Register No : VJC16EC019	34.0/50 Attendance : 89.0 Project Preliminary : 41.0/50	Duty Leave :		college	
ANJU SAJEEV Register No : VJC16EC020	Seminar : 41.0/50 Attendance : 100.0 Project Preliminary : 40.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
ANUSREE C S Register No : VJC16EC025	Seminar : 48.0/50 Attendance : 97.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
BASIL MARTIN TOM Register No : VJC16EC029	Seminar : 45.0/50 Attendance : 89.0 Project Preliminary : 48.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
BHUVANENDRAN B Register No : VJC16EC032	Seminar : 44.0/50 Attendance : 92.0 Project Preliminary : 44.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
BINIL DEV Register No : VJC16EC034	Seminar : 32.0/50 Attendance : 75.0 Project Preliminary : 33.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

BINITTA THOMAS Register No : VJC16EC035	Seminar : 45.0/50 Attendance : 97.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
CERIL JOSEPH Register No : VJC16EC036	Seminar : 46.0/50 Attendance : 93.0 Project Preliminary : 48.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
CHANDINI BINU Register No : VJC16EC037	Seminar : 45.0/50 Attendance : 100.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
CHITHIRA MAHESH Register No : VJC16EC038	Seminar : 48.0/50 Attendance : 97.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
CHRISTO JOJO Register No : VJC16EC039	Seminar : 41.0/50 Attendance : 87.0 Project Preliminary : 37.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
DEVAPRASAD V J Register No : VJC16EC043	Seminar : 35.0/50 Attendance : 75.0 Project Preliminary : 32.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

DHANYA JOBY Register No : VJC16EC044	Seminar : 46.0/50 Attendance : 96.0 Project	Long Leave : Duty Leave :	Yes	Submitted by college	
	Preliminary : 44.0/50		6		
ELAINE LIZ JOSEPH Register No : VJC16EC048	Seminar : 43.0/50 Attendance : 97.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
FIDHA VASIL Register No : VJC16EC049	Seminar : 35.0/50 Attendance : 87.0 Project Preliminary : 40.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
HARSHA JOSE Register No : VJC16EC054	Seminar : 46.0/50 Attendance : 90.0 Project Preliminary : 44.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
JEBINS JAIS Register No : VJC16EC055	Seminar : 39.0/50 Attendance : 95.0 Project Preliminary : 36.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
JEWEL JIMMY Register No : VJC16EC058	Seminar : 46.0/50 Attendance : 100.0 Project Preliminary : 39.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

			[]		[
JOANN P BERNARD Register No : VJC16EC062	Seminar : 49.0/50 Attendance : 85.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
KARTHIKA GOPI Register No : VJC16EC065	Seminar : 45.0/50 Attendance : 100.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
LAKSHMIPRIYA Register No : VJC16EC066	Seminar : 45.0/50 Attendance : 100.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
LEENU S CHENGALATHU Register No : VJC16EC067	Seminar : 48.0/50 Attendance : 94.0 Project Preliminary : 46.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
LINER REGI Register No : VJC16EC068	Seminar : 44.0/50 Attendance : 92.0 Project Preliminary : 40.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	
MATHEWS BINOY Register No : VJC16EC071	Seminar : 35.0/50 Attendance : 82.0 Project Preliminary : 33.0/50	Long Leave : Duty Leave :		Yes	Submitted by college	

MEGHA SUKUMAR	Seminar :	Long Leave :	Yes	Submitted by	
Register No : VJC16EC072	47.0/50 Attendance : 96.0 Project Preliminary : 44.0/50	Duty Leave :		college	
MERIN THOMAS Register No : VJC16EC073	Seminar : 46.0/50 Attendance : 100.0 Project Preliminary : 44.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
MERLIN JOHN Register No : VJC16EC074	Seminar : 40.0/50 Attendance : 100.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
MITHUN MURALI KRISHNA Register No : VJC16EC077	Seminar : 36.0/50 Attendance : 96.0 Project Preliminary : 43.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
NEETHA VINCENT Register No : VJC16EC079	Seminar : 42.0/50 Attendance : 97.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
NITHIN BOSE THARAKAN Register No : VJC16EC080	Seminar : 41.0/50 Attendance : 92.0 Project Preliminary : 40.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

PARVATHI	Seminar :	Long Leave :	Yes	Submitted by	
SURESH Register No : VJC16EC081	41.0/50 Attendance : 90.0 Project Preliminary : 41.0/50	Duty Leave :		college	
PAUL KURIAKOSE Register No : VJC16EC083	Seminar : 38.0/50 Attendance : 84.0 Project Preliminary : 38.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
PRISTEEN JOSE Register No : VJC16EC084	Seminar : 27.0/50 Attendance : 77.0 Project Preliminary : 33.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
RADHIKA SABU Register No : VJC16EC085	Seminar : 38.0/50 Attendance : 96.0 Project Preliminary : 38.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
RAHANA SULTHANA M SIDHIK Register No : VJC16EC086	Seminar : 37.0/50 Attendance : 87.0 Project Preliminary : 35.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
RAINA ROY Register No : VJC16EC087	Seminar : 32.0/50 Attendance : 96.0 Project Preliminary : 39.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

RUBLE SARA BABY Register No : VJC16EC091	Seminar : 38.0/50 Attendance : 76.0	Long Leave : Duty Leave :	Yes	Submitted by college	
	Project Preliminary : 38.0/50				
SARATH CHANDRAN S Register No : VJC16EC092	Seminar : 39.0/50 Attendance : 88.0 Project Preliminary : 39.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
SHEETAL DAVID Register No : VJC16EC096	Seminar : 41.0/50 Attendance : 87.0 Project Preliminary : 36.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
SHILPA LALU Register No : VJC16EC097	Seminar : 42.0/50 Attendance : 84.0 Project Preliminary : 41.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
SNEHA SUNNY Register No : VJC16EC098	Seminar : 40.0/50 Attendance : 96.0 Project Preliminary : 42.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	
SRUTHY JAYACHANDRAN Register No : VJC16EC102	Seminar : 48.0/50 Attendance : 96.0 Project Preliminary : 46.0/50	Long Leave : Duty Leave :	Yes	Submitted by college	

Preliminary :	TONY GEORGE Register No : VJC16EC104	Seminar : 44.0/50 Attendance : 86.0 Project Preliminary :	Long Leave : Duty Leave :		Yes	Submitted by college	
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Course code	Course N	ame	Credits	Year of Introduction					
**492 PROJECT 6 2016									
	Pre	erequisite : Nil							
Course Object	tives								
 To appl 	y engineering knowledge in	practical problem so	lving						
 To foste 	er innovation in design of pro	oducts, processes or s	systems						
To deve	elop creative thinking in find	ing viable solutions t	to engineering pr	oblems					
Course Plan	API ARD	THKA	TAM	S. CONCE					
In depth study	of the topic assigned in the	light of the prelimin	ary report prepa	red in the seventh					
semester	IFC HNG	$\mathcal{T}(\mathcal{M})$	IC AL						
	alization of the approach to t								
	ailed action plan for conduct								
	sis/Modelling/Simulation/De								
	nent of product/process, testin								
	per for Conference presentati ort in the standard format for		Change and the second						
A 🗸 🖌	resentation and viva voce by								
Expected out		the assessment court	i meruanig exter	nur expert					
The students w									
iii.	Think innovatively on the dev	elopment of component	nts, products, proc	esses or					
	technologies in the engineerin		and the second	Sales C					
iv.	Apply knowledge gained in so	olving real life enginee	ring problems						
Evaluation	The Part of			il in the					
-Maximum M	arks : 100								
	ess assessments	20% by the facult		Course and					
(ii) Final proje	· · · · · · · · · · · · · · · · · · ·	30% by the assess							
(iii) Project pr	resentation and viva voce	50% by the asses	sment board						
<i>Note:</i> All the grade.	three evaluations are mandat	ory for course compl	etion and for aw	arding the final					



Viswajyothi College of Engineering and Technology, Vazhakulam P.O S7 ECE A (2015-19 BATCH) PROJECT NAME LIST

GROUP NO	ROLL NO	NAME	GUIDE	TOPIC	
100	6	Arathy B Kurisinkal			
*	36	Sajitha Saju	warmen en en anderen	Robotic ARM using Flex	
	33	Rhithu Shysu	Ranjini Surendran	Sensor	
2	3	Amrutha Mohan		Contract in the second second second	
	8	Asna Sherin M A			
3	20	Jithina Sunny	Edgar Ruskin Frank	Data transmission using LI-	
	43	Sreelekshmi Raju		FI	
	23	Krishnakripa K			
4	29	Nimi Elizabeth Johnson	Lekshmi M S	Solar Refrigerator	
	38	Shruti Mathew	Lensinin in S	and a second second	
	30	Parvathy S	The second s	·	
5	30	Reshmi Nath	Somy P Mathew	Wste management System	
and the second se	25	The second states of the second states and second states and second states and second states and second states	Sonry P Wantew	and thanking entern of stern	
	45	Lisha Tomy Alisha Mariam Chacko		Automatic Notification of	
6			Anilkumar R	Humps on Roads To Aid	
þ	5	Ann Tesna S Thottupuram	Anukumar K	Drivers	
and the second	40	Sneha Tresa Joyson	and the second	Diffeis	
	4	Ann Maria Cherian		Design and Implementati	
7	24	Arsha Edison	Smitha Cyriac	of Wireless Sequrity System	
	17	Jeena Kuriakose		for Railway Tracks	
	15	Feby mathew			
	3.4	Riosila Salim		Raspberry Pi Based Reade for Blind	
8	15	Riya Baby	Anitta Thomas		
	26	Liya George			
	31	Reshma Babu	and a second second	Intelligent Bus Monitoring	
9	39	Sijina Varghese	Niji Mathews	System	
	44	Unnimaya			
And Street	27	Melbin K Mathai			
10	28	Melby Seby	Femy John	Smart Wheelchair	
and and and and	23	Joshua Shaju			
And in case of the local division of the loc	22	Johny joshy		NAME OF TAXABLE	
11	37	Shejin Joy	Anish M Jose	SO-Clean	
	14	Emel Johns		oo cican	
	12	Delwyn Joseph		C. S. S. S. S. D. L. H. M.	
12	0	Basil Abraham			
	10	Gollind k Mohan	Krishnendu K	Intelligent MP & E ROBOT	
13	42	Sreehari S		intelligent MP & E ROBOT	
	41	Sourav S	CONTRACTOR OF A LUC	and the second second second	
	19	Jipson Simon			
14	18	Jeesmon Peter	Jibby Peter Dcruz	Next Generation Head Wear	
	10	Benit Jose			
100	21	Jobin Sunny		Ashira	
15	13	Diju A Thomas	Cuckoo Anitha Joseph	Arduino Based Gestures to	
1	11 6	Cyril Shabu	the state of the s	Speech Conversion System	

VISWAJYOTHI COLORGE OF ENGINEERING AND TECHNOLOGY ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT Main Project Evaluation Review 1 (2015-2019 B Batch)

Batch	Roll No.	Name	Guide	Topic	Review 1 (10)	Review 2 (10)	Sessional(20)
1	6	ALIAZ BIJU	Ani Rani Philip	AI Emergency First Respondant Drone	7	9	16
	26	FRANCIS ROHAN JOHN			8	9	17
	2	ABRAHAM GEORGE M	Merlin Thomas	Telerobotic Humanoid	7	9	16
2	19	CINO BABU			6	7	13
	28	JISHNU SURESH			6	7	13
	3	AGNA ANTONY	Rose Maria Jose	Detection of Retinopathy in Diabetic Patients	8	9	17
3	- 44	THARA THOMAS			8	9	17
	34	MITHA WAIBEN			8	9	17
	7	ALIN MATHEW	Vinija Kurian	Robotic Arm using BCI	6	9	15
4	21	DELLA PAUL			6	9	15
	23	DONA MARIA GEORGE			6	9	15
	15	ASWATHY RAJU	Priya G L	Smart wheel chair	7	8	15
5	31	JUBIL ANN TOM			7	8	15
	38	SANDRAMOL SHAJI			7	8	15
	27	JEENA MARIYA KURIAKOSE	Sani John	Alzheimers Detection using Image Processing	8	9	17
6	8	ALINA NIBU MATHEW			8	9	17
	40	SETHULAKSHMI HARIDAS			8	9	
	17	BICHU SAJEEV	Anu C Kunjachan	Image Transmission using LiFi	7	9	17
7	14	ARIL GEORGE			7	9	16
	н	AMAL VIJAYAN			7		16
8	4	AKHISHMA STEPHEN	Manju Thomas T	Waiter Robot		9	16
	9	ALITTA LIYA MANUEL			6	9	15
	13	ANN MARY SEBASTIAN			6	9	15

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VISWAJYOTHI COL. GE OF ENGINEERING AND TECHNOLOGY ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT Main Project Evaluation Reviews (2015-2019 B Batch)

latch	Roll No.	Name	Guide	Topic	Review 1 (10)	Review 2 (10)	Sessional(20
9	5	ALEENA BIJU	Vanitha Rugmoni	Mapped Defence Droid	6	7	13
	16	ATHILA M SHANAVAS			6	7	13
	24	DONIYA MICHAEL			6	7	13
10	18	CATHERINE ANTO	Minu George	Smart Drug Store	6	9	15
	41	SHONIMA T S			6	8	14
	29	JISMY T GEORGE			6	8	14
	20	DEENA ANNA ALIAS	Rose Mary Kuruvithadam	Animatronic Arm	6	8	14
11	22	DEVA MERLIN MATHEW			6	8	14
	36	NEHA ANIL			6	8	14
	42	SRADHA THOMAS	Mary Nirmala George	Driver fatigue detectionbased on Eye Tracking	6	8	14
12	43	TEENA SHAJI			6	8	14
	33	MERIN JOSEPH			6	8	14
	10	ALWIN REBELLOW	Manu Jose	Spy Surveillance Robot	6	8	14
13	37	PRINCE PETER			5	8	13
	39	SARATH S KUMAR			5	8	13
	25	FRAJO M METHIPPARA	Jibby Peter D'cruz	Autonomous Delivery Drone	7	9	16
14	30	JOSE MARTIN SAJI			6	8	14
14	32	MATHEW AVARACHAN			7	9	16
	1	ABIL M JOY			6	9	15

Page 2 of 2

Ferry John to

AI EMERGENCY FIRST RESPONSE DRONE

Project Report submitted by by

ALIAZ BIJU

Reg. No.VJC15EC008

FRANCIS ROHAN JOHN

Reg. No.VJC15EC045

to

the APJ Abdul Kalam Technological University

in partial fulfillment for the award of degree

of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

(Affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram)



DEPARTMENT OFELECTRONICS AND COMMUNICATIONENGINEERING

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGYVAZHAKULAM

2015 - 2019 BATCH

MAY 2019

VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

Department of Electronics and Communication Engineering



BONAFIDE CERTIFICATE

This is to certify that the project report entitled "AI EMERGENCY FIRST RESPONSE DRONE" is a bonafide record of the work done by ALIAZ BIJU (Reg. No.VJC15EC008) and FRANCIS ROHAN JOHN (Reg. No.VJC15EC045) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Engineering of APJ Abdul Kalam Technological University, Thiruvananthapuram.

KAMINER INTERNAL

Mrs. ANU RANI PHILIP Project guide Assistant Professor ECE Dept., VJCET

EXTERNAL EXAMINER

Mrs.Smitha Cyriac HOD ECE Dept., VJCET

HEAD, ELECTRONICS & COMM, ENGG, DEPT. VISWALYOTHI COLLEGE OF ENGG & TECHNICLOUV VAZHAKULIAM PODMI