RAMCO INSTITUTE OF TECHNOLOGY

ACADEMIC SCHEDULE FOR ODD SEMESTER OF ACADEMIC YEAR 2017-18

III Semester, V Semester & VII Semester BE Courses

June, 2017

DATE	DAY	ACTIVITIES	CWD
01.06.17	THU		
02.06.17	FRI		
03.06.17	SAT		
04.06.17	SUN	Holiday	
05.06.17	MON		
06.06.17	TUE		
07.06.17	WED		
08.06.17	THU		
09.06.17	FRI		
10.06.17	SAT		
11.06.17	SUN	Holiday	
12.06.17	MON		
13.06.17	TUE		
14.06.17	WED		
15.06.17	THU		
16.06.17	FRI		
17.06.17	SAT		
18.06.17	SUN	Holiday	
19.06.17	MON		
20.06.17	TUE		
21.06.17	WED		
22.06.17	THU		
23.06.17	FRI		
24.06.17	SAT		
25.06.17	SUN	Holiday	
26.06.17	MON	Ramzan - Holiday	
27.06.17	TUE		
28.06.17	WED	**College Reopening** Organising Bridge course for III Semester Students Giving Important dates in Academic Schedule, Curriculum, Syllabus and Course objectives to the Students	
29.06.17	THU	**College Reopening** Commencement of classes for V & VII Semester Students, Giving Important dates in Academic Schedule, Curriculum, Syllabus and Course objectives to the Students	1
30.06.17	FRI		2

July, 2017

DATE	DAY	ACTIVITIES	CWD
01.07.17	SAT		3
02.07.17	SUN	Holiday	
03.07.17	MON		4
04.07.17	TUE		5
05.07.17	WED		6
06.07.17	THU		7
07.07.17	FRI		8
08.07.17	SAT	Holiday	
09.07.17	SUN	Holiday	
10.07.17	MON		9
11.07.17	TUE		10
12.07.17	WED		11
13.07.17	THU		12
14.07.17	FRI		13
15.07.17	SAT		14
16.07.17	SUN	Holiday	
17.07.17	MON	Submission of soft copy of Unit Test I question paper to HOD, Exam Cell and Principal through email	15
18.07.17	TUE	Completion of UNIT I	16
19.07.17	WED		17
20.07.17	THU	Unit Test I for Subject 1	18
21.07.17	FRI	Unit Test I for Subject 2	19
22.07.17	SAT	Unit Test I for Subject 3	20
23.07.17	SUN	Holiday	
24.07.17	MON	Unit Test I for Subject 4	21
25.07.17	TUE	Unit Test I for Subject 5	22
26.07.17	WED	Unit Test I for Subject 6	23
27.07.17	THU		24
28.07.17	FRI		25
29.07.17	SAT	Co-curricular/Extra-curricular/Professional activities *AN is Holiday*	
30.07.17	SUN	Holiday	
31.07.17	MON		26

August, 2017

DATE	DAY	ACTIVITIES	CWD
01.08.17	TUE	Submission of Consolidated marks statement (soft copy and hard copy) of Unit Test I to HOD, Exam Cell and Principal by Class Adviser and displaying a copy in notice board for information of students.	27
02.08.17	WED		28
03.08.17	THU	Submission of soft copy of Internal Test I question paper to HOD, Exam Cell and Principal through email	29
04.08.17	FRI	**Completion of UNIT II**	30
05.08.17	SAT		31
06.08.17	SUN	Holiday	
07.08.17	MON	Internal Test I for Subject 1	32
08.08.17	TUE	Internal Test I for Subject 2	33
09.08.17	WED	Internal Test I for Subject 3	34
10.08.17	THU	Internal Test I for Subject 4	35
11.08.17	FRI	Internal Test I for Subject 5	36
12.08.17	SAT	Internal Test I for Subject 6 *TECHYUGA*	37
13.08.17	SUN	*TECHYUGA*	
14.08.17	MON	Krishna Jayanthi – Holiday	
15.08.17	TUE	Independence Day – Holiday	
16.08.17	WED		38
17.08.17	THU		39
18.08.17	FRI		40
19.08.17	SAT	Submission of Consolidated marks statement (soft copy and hard copy) of Internal Test I to HOD, Exam Cell and Principal by Class Adviser and displaying a copy in notice board for information of students.	41
20.08.17	SUN	Holiday	
21.08.17	MON	Dispatch of Students Attendance and Internal Test I performance to Parents	42
22.08.17	TUE	Submission of soft copy of Unit Test II question paper to HOD, Exam Cell and Principal through email	43
23.08.17	WED	*works as per Friday Time Table*	44
24.08.17	THU	**Completion of UNIT III**	45
25.08.17	FRI	Vinayakar Chathurthi – Holiday	
26.08.17	SAT	Co-curricular/Extra-curricular/Professional activities *AN is Holiday*	
27.08.17	SUN	Holiday	
28.08.17	MON	**Unit Test II for Subject 1**	46
29.08.17	TUE	**Unit Test II for Subject 2**	47
30.08.17	WED	**Unit Test II for Subject 3**	48
31.08.17	THU	**Unit Test II for Subject 4** *works as per Saturday Time Table*	49

September, 2017

DATE	DAY	ACTIVITIES	CWD
			50
01.09.17	FRI	Unit Test II for Subject 5	
02.09.17	SAT	Bakrid – Holiday	
03.09.17	SUN	Holiday	
04.09.17	MON	Unit Test II for Subject 6	51
05.09.17	TUE		52
06.09.17	WED	Submission of soft copy of Internal Test II question paper to HOD, Exam Cell and Principal through email	53
07.09.17	THU		54
08.09.17	FRI	Submission of Consolidated marks statement (soft copy and hard copy) of Unit Test II to HOD, Exam Cell and Principal by Class Adviser and displaying a copy in notice board for information of students.	55
09.09.17	SAT		56
10.09.17	SUN	Holiday	
11.09.17	MON	Internal Test II for Subject 1	57
12.09.17	TUE	Internal Test II for Subject 2 *Completion of Unit IV*	58
13.09.17	WED	Internal Test II for Subject 3	59
14.09.17	THU	Internal Test II for Subject 4	60
15.09.17	FRI	Internal Test II for Subject 5	61
16.09.17	SAT	Internal Test II for Subject 6	62
17.09.17	SUN	Holiday	
18.09.17	MON		63
19.09.17	TUE		64
20.09.17	WED		65
21.09.17	THU	Submission of Consolidated marks statement (soft copy and hard copy) of Internal Test II to HOD, Exam Cell and Principal by Class Adviser and displaying a copy in notice board for information of students.	66
22.09.17	FRI	Dispatch of Students Attendance and Internal Test II performance to Parents	67
23.09.17	SAT		68
24.09.17	SUN	Holiday	
25.09.17	MON		69
26.09.17	TUE		70
27.09.17	WED	Submission of soft copy of Internal Test III question paper to HOD, Exam Cell and Principal through email	71
28.09.17	THU	**Completion of Unit V**	72
29.09.17	FRI	Ayudha Pooja – Holiday	
30.09.17	SAT	Vijaya Dasami – Holiday	

October, 2017

DATE	DAY	ACTIVITIES	CWD
01.10.17	SUN	Muharram - Holiday	
02.10.17	MON	Gandhi Jayanthi - Holiday	
03.10.17	TUE	Internal Test III for Subject 1	73
04.10.17	WED	Internal Test III for Subject 2	74
05.10.17	THU	Internal Test III for Subject 3	75
06.10.17	FRI	Internal Test III for Subject 4	76
07.10.17	SAT	Internal Test III for Subject 5	77
08.10.17	SUN	Holiday	
09.10.17	MON	Internal Test III for Subject 6	78
10.10.17	TUE	*Model Theory Test starts*	79
11.10.17	WED		80
12.10.17	THU		81
13.10.17	FRI	Submission of Consolidated marks statement (soft copy and hard copy) of Internal Test III to HOD, Exam Cell and Principal by Class Adviser and displaying a copy in notice board for information of students.	82
14.10.17	SAT	Dispatch of Students Attendance and Internal Test III performance to Parents	83
15.10.17	SUN	Holiday	
16.10.17	MON	*Model Theory Test ends*	84
17.10.17	TUE		85
18.10.17	WED	Deepavali - Holiday	
19.10.17	THU	Holiday	
20.10.17	FRI		86
21.10.17	SAT		87
22.10.17	SUN	Holiday	
23.10.17	MON		88
24.10.17	TUE		89
25.10.17	WED		90
26.10.17	THU		91
27.10.17	FRI		92
28.10.17	SAT		93
29.10.17	SUN	Holiday	
30.10.17	MON		94
31.10.17	TUE		95

Notes:

1. Unit Test I covers the syllabus of Unit I. Internal Test I covers the syllabus of Unit I & 75% syllabus of Unit II, Unit Test II covers 25% syllabus of Unit II and syllabus of Unit III. Internal Test II covers the syllabus of Unit III & 50% syllabus of IV, and Internal Test III covers 50% syllabus of Unit IV and syllabus of Unit V.

2. The Faculty members should evaluate the Answer scripts within 4 working days from the date of conduct of Test for their subject(s) and show the valued scripts to the Students for their reference, verfication of marks allotted, and signing on the front page of the script as their acceptance of the marks awarded. On the end of 4th day, the Faculty members should prepare the marks list for the subjects concerned and submit both hard copy and soft copy along with valued Answer scripts to the Exam Cell. They should email the marks list to the Class Adviser / HOD of the branch concerned and also preserve a copy in their course file(s). Class Adviser has to prepare the consolidated marks statement and submit to HOD, Exam Cell, Principal and arrange to display a copy in the Notice Board for information of Students.

3. No Retest will be conducted. However, the Students who are absent for the Test due to genuine reasons with prior permission and those who scored less than 60% of marks in any subject(s) in Unit Tests / Internal Tests shall write Retest / Improvement Test for the corresponding subject(s) to improve their marks based upon the learn-perform-score policy, by obtaining permission from faculty and Principal.

4. Each Student shall write atleast 2 Assignments and present 1 Seminar or submit 1 Innovative Miniproject work in addition to writing 2 Unit Tests, 3 Internal Tests, and 1 Model Test in each Theory course (subject). The Faculty member shall evaluate Students' Assignments, Innovative project, Seminars, etc., and award grades to encourage them improve their self-learning performance.

PRINCIPAL

02/06/17

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering

Faculty-Subject Allocation

Academic Year: 2017 - 2018(Even Semester)

Sl. No.	Name of Faculty member	Names of the Subjects allotted				Total periods/ Week	Remarks
		Theory	Semester/ Branch	Practical	Semester/ Branch		
1.	Dr. K.Vijayalakshmi	CS6001 C# and .Net Programming (Elective I)	VI/CSE	CS6811 - Project Work	VIII/CSE	12+1	Internet Lab(IL) – IV Year CSE
2.	Mr. R. Venkatesh	CS6401 Operating Systems	IV/CSE	CS6811 - Project Work	VIII/CSE	22	Class Advisor for II Year CSE
		GE6075 Professional Ethics in Engineering (Elective V)	VIII/CSE				
		GE6075 Professional Ethics in Engineering – Audit Course	VIII/CIVIL				
3.	Mr. R. Balaji Ganesh	CS6801 Multi–core Architectures and Programming	VIII/CSE	-	-	13	-
		IT6702 Data Warehousing and Data Mining(Elective I)	VI/CSE				
4.	Mrs.M.Swarna Sudha	CS6551 Computer Networks	IV/CSE	CS6411 Networks Laboratory (2 Session)	IV/CSE	20	Class Advisor for IV Year CSE
		CS6008 Human Computer Interaction(Elective IV)	VIII/CSE	CS6811 - Project Work	VIII/CSE		

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(c–v) 18 |12|17

5.	Mrs.V.Anusuya	CS6601 Distributed Systems	VI/CSE	CS6413 - Operating Systems Laboratory (2 Session)	IV/CSE	23		-
		CS6008 Human Computer Interaction(Elective IV)-Tutorial	VIII/CSE	CS6611 Mobile Application Development Laboratory (2 Session)	VI/CSE			
		CS6551 Computer Networks-Tutorial	VI/ECE B					
		IT6702 Data Warehousing and Data Mining(Elective I)-Tutorial	VI/CSE	CS6811 - Project Work	VIII/CSE			
6.	Mrs.B.Vijayalakshmi	CS6660 Compiler Design	VI/CSE	CS6612 Compiler Laboratory (2 Session)	VI/CSE	20		-
		CS6551 Computer Networks	VI/ECE B					
		GE6075 Professional Ethics in Engineering (Elective V)-Tutorial	VIII/CSE					
		IT6601 Mobile Computing-Tutorial	VI/CSE					
7.	Ms.P.Abinaya	CS6403 Software Engineering	IV/CSE	CS6411 Networks Laboratory (2 Session)	IV/CSE	21		Class Advisor for III Year CSE
		IT6601 Mobile Computing	VI/CSE					
		CS6801 Multi-core Architectures and Programming-Tutorial	VIII/CSE					
		CS6659 Artificial Intelligence-Tutorial	VI/CSE					
		CS6303 Computer Architecture-Tutorial	VI/ECE B					

8.	Mr.D. Lakshmanan	CS6456 Object Oriented Programming	IV/EEE	CS6461 Object Oriented Programming Laboratory (2 Session)	IV/EEE		23	-
		CS6402 Design and Analysis of Algorithms – Tutorial	IV/CSE	CS6611 Mobile Application Development Laboratory (2 Session)	VI/CSE			
		CS6001 C# and .Net Programming (Elective I)- Tutorial	VI/CSE	CS6413 - Operating Systems Laboratory (1 Session)	IV/CSE			
9.	Ms.G.Mahalakshmi	CS8251 Programming in C	II/CSE	CS8261 C Programming Laboratory (1 Session)	II/CSE		19	Class Advisor for I Year CSE
		CS6551 Computer Networks	VI/ECE A					
		CS6551 Computer Networks- Tutorial	IV/CSE					
		CS6303 Computer Architecture-Tutorial	VI/ECE A					
10.	Ms.J. Sabthami	CS6303 Computer Architecture	VI/ECE A&B	EC6611 Computer Networks Laboratory (2 Session)	VI/ECE B		20	-
		CS6456 Object Oriented Programming-Tutorial	IV/EEE					
		CS6660 Compiler Design- Tutorial	VI/CSE					
11.	Ms.P. Jothi Thilaga	CS6402 Design and Analysis of Algorithms	IV/CSE	EC6611 Computer Networks Laboratory(2 Session)	VI/ECE A		22	-
		CS6401 Operating Systems Tutorial	IV/CSE	CS6461 Object Oriented Programming Laboratory (2 Session)	IV/EEE			
		CS6551 Computer Networks-Tutorial	VI/ECE A	CS6811 - Project Work	VIII/CSE			

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12.	Ms.S.Manjula	CS6659 Artificial Intelligence	VI/CSE	CS6612 Compiler Laboratory (2 Session)	VI/CSE	22	-
		CS6403 Software Engineering-Tutorial	IV/CSE	CS6413 - Operating Systems Laboratory (1 Session)	IV/CSE		
		CS6601 Distributed Systems-Tutorial	VI/CSE	CS8261 C Programming Laboratory (1 Session)	II/CSE		
		CS8251 Programming in C-Tutorial	II/CSE				

Note:
- MA6453- Probability and Queueing Theory will be taught by the Department of Mathematics.
- EC6504-Microprocessor and Microcontroller, CS6412-Microprocessor and Microcontroller Laboratory, IT6502-Digital Signal Processing will be taught by the Department of ECE.
- GE6674-Communication and Soft Skills - Laboratory Based will be taught by the Department of English.
- Mrs.M.Chitra will be on maternity leave for 6 months.
- Mrs.N.Nithya will be on leave for 6 months.

HOD

Principal

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2017-2018 (Even Semester)

Faculty-Subject Preference

Name of the Faculty Member: R. VENKATESH   **Designation:** ASSISTANT PROFESSOR
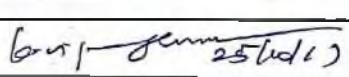
Area of Specialization: OPERATING SYSTEMS.

Preference No.	Theory Course Code / Course Title	Year / Semester/ Branch	Already Handled in RIT (Yes/No If yes, No. of Times)	Pass Percentage (If handled already)
1.	CS 6401 – OPERATING SYSTEMS	II / IV / CSE	3 (Yes)	100%. 100%. 94%
2.	GE 6075 – PROFESSIONAL ETHICS IN ENGINEERING	IV / VIII / CSE	1 (Yes)	100%.
3.	CS 8251 – PROGRAMMING IN C	I / II / CSE	No	—
4.	CS 6403 – SOFTWARE ENGINEERING	II / IV / CSE	NO	—

Preference No.	Laboratory Course Code / Course Title	Year /Semester / Branch	Already Handled (Yes/No If yes, No. of Times)
1.	CS 6413 – OPERATING SYSTEMS LABORATORY	II / IV / CSE	Yes – 2.
2.	CS 8261 – C PROGRAMMING LABORATORY	I / II / CSE	No —
3.	CS 6461 – OBJECT ORIENTED PROGRAMMING LABORATORY	II / IV / EEE	No

Signature of the Faculty Member

Preference No.	Reason for the preference (Theory Courses only)
1.	I have already handled the subject. and interested to explore the course further.
2.	Already I have handled the subject.
3.	Interested in teaching Programming in C.
4.	Interested to handle this course
	Signature of the Faculty Member:

Opinion of HOD:

· operating system :- He already handled that subject three times and produced good results.

Signature of the HOD: 25/10/17

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electrical and Electronics Engineering

Academic Year: 2018 - 2019 (Even Semester)

PREFERENCE FOR ELECTIVE SUBJECT (ELECTIVE - V)

Degree, Semester & Branch: VIII Semester B.E. EEE

Sl.No	Register Number	Name of the Student	Signature of the Student					
			GE6075/ PEE	GE6757/ TQM	EC6002/ ADSP	EE6012/ CADEP	EC6601/ VLSID	GE6084/ HR
1.	953615105001	AJEETH R		Rajay.				
2.	953615105002	AJITHA B	B.QP					
3.	953615105003	ANANTHA KUMAR A		A.Nither				
4.	953615105004	BAVA THAARINI R		B.BTra				
5.	953615105005	DEEPIKA A	A.Diepl.					
6.	953615105006	DHAMODARAN P		P.Dha				
7.	953615105007	DHARANI V	V.Dhy.					
8.	953615105008	ESWARI K		K.Eiro				
9.	953615105009	GAAYATRI A						
10.	953615105010	GANESH RAM K		Glenc.				
11.	953615105011	GOKILA K	kewik					
12.	953615105012	GOWTHAM V		V.Gowtha				
13.	953615105013	HARISHMAA A	A.Hyf					
14.	953615105014	HEMA DHARSHINI G		G.Hew				
15.	953615105015	ISHWARYA R		R.Aly				
16.	953615105016	JAGADHEEP KANNA K		K-Sh.				
17.	953615105017	JAGANATHAN M		M.Ja				
18.	953615105018	JANANISHRI R	R.Josti					
19.	953615105019	KARTHIKA K	Quo Dy					
20.	953615105020	KARTHIKEYAN I	K.M					
21.	953615105021	KARUNAMOORTHY E		E.Kam,				
22.	953615105022	KIRUTHIKA S		S.BL				
23.	953615105023	KISHORE KUMAR N		N.kuha				
24.	953615105024	KRITHIKA A	Ath.Fr					
25.	953615105025	LAKSHMIPRIYA K	R.LAQ					
26.	953615105026	MAHALAKSHMI R	R.mek					
27.	953615105027	MUTHULAKSHMI G		uff thy				
28.	953615105028	MUTHU LAKSHMI M		M.Muthy				
29.	953615105029	MUTHU PRIYA DHARSHINI K	Rhy					
30.	953615105030	NARESH KUMAR MM		M.M.Noreth kumar				
31.	953615105031	NIJANTHAN RAJA R A		Nhro				
32.	953615105032	NIRMALA M		V.Nrl				
33.	953615105033	NIVETHA C		Nivto.				
34.	953615105034	PON ATHIBAN S		S.Pon Av				

Sl.No	Register Number	Name of the Student	Signature of the Student					
			GE6075/ PEE	GE6757/ TQM	EC6002/ ADSP	EE6012/ CADEP	EC6601/ VLSID	GE6084/ HR
35.	953615105035	PRABHAVATHI T		T·Porthi				
36.	953615105036	PRANAV KAARTHICK R		Afum				
37.	953615105037	PRIYADHARSHINI B		B Py US.				
38.	953615105038	RAJAKUMARI J	Rak.	fo				
39.	953615105039	RAMA DEVI C	C·Rud.					
40.	953615105040	RAMANAN S	SAPS.					
41.	953615105041	RAMESH BABU B		BDel				
42.	953615105042	SACHIN A		SH				
43.	953615105043	SANJEETHA S	S. Sryih					
44.	953615105044	SANKARESWARI S	S.Sakori	.				
45.	953615105045	SANTHOSH SN	S-N.S2					
46.	953615105046	SELVARANI S	S-8Ai					
47.	953615105047	SENTHIL KUMAR S	sandoy	.				
48.	953615105048	SHANMUGA PRIYA S		S.Phagphi				
49.	953615105049	SHEIK MOHAMED A		Reikumft				
50.	953615105050	SHYAMALAGOWRI VK	V.tadstei					
51.	953615105051	SUDHARSANAN A		AdLa				
52.	953615105052	SURIYA PRAKASH A		A.SQ.				
53.	953615105053	VAIRAMUTHU J		Vc~o				
54.	953615105054	VASUMATHI R		Q.				
55.	953615105056	VIGNESH RK	Dnaby					
56.	953615105057	VIGNESHKARTHIK A	A·Vig					
57.	953615105058	VISHNU PRASAD R	RVd					
58.	953615105301	AATHAVAN G	G.Awup.					
59.	953615105302	BHARATHI B	B·Mnrth					
60.	953615105303	DEIVENDRAN P	PD~					
61.	953615105304	KALIRAJ R	R.Jkrj					
62.	953615105305	LAKSHMINARAYANAN M	M.Lt					
63.	953615105306	NAVEENKUMAR R	RO					
64.	953615105307	SUDALAIMANIKANDAN M		M. Smh				
65.	953615105308	VELAVASATHESH S	S.valyl					
66.	953615105309	VIJAYAKUMARRAJA K	K.Vhy					

GE6075 Professional Ethics in Engineering
GE6757 Total Quality Management
EC6002 Advanced Digital Signal Processing

EE6012 Computer Aided Design of Electrical Apparatus
EC6601 VLSI Design
GE6084 Human Rights

8/10/18
Class Adviser
D. KARTHIK PRABHU

S. kc 08/10/18
HOD

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2018- 2019 (Odd Semester)
Course-wise Academic Process Monitoring

Name of the Faculty member(s): Ms.S.Manjula, AP/CSE

Sl.No.	Course Code & Title, Semester & Class	Description	II	III	IV	V	I
1	GE8151- Problem Solving and Python Programming I Semester B.E. ECE-'A'	Unit completed on	18-09-18	25-10-18	9-11-18	23-11-18	6-12-18
		Class Notes, Teaching-learning material, Question Bank of Unit issued to Students and verified on (date)	06-09-18	4-10-18	26-10-18	13-11-18	28-11-18
		Signature of the Faculty member with date	18/9/18	25/10/18	9/11/18	23/11/18	6/12/18
		HOD's Signature and Remarks	18/09/18	25/10/18	09/11/18	23/11/18	06/12/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2018- 2019 (Odd Semester)

Course Progress Report (Highlights of Teaching-Learning Process)

Degree, Semester & Branch : I Semester B.E.ECE-'A'
Course Code & Title : GE8151- Problem Solving and Python Programming
Name of the Faculty member : Ms.S.Manjula, AP/CSE

Particulars	Unit II	Unit III	Unit IV	Unit V	Unit I
No. of Lecture periods planned	11	12	10	10	10
No. of Lecture periods actually conducted	11	12	10	10	10
No. of Periods conducted using Whiteboard/ Conventional method	06	05	03	05	05
No. of Periods conducted using PPTs & LCD Projector	05	07	07	05	05
No. of Periods conducted using PPTs &Interactive Projector	—	—	—	—	—
No. of e-Lectures delivered / No. of Periods used for NPTEL videos (briefly mention the topics covered)	—	—	—	—	—

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No. of Tutorial periods planned	02	02	02	02	01
No. of Tutorial periods conducted	02	02	02	02	01
Pass (%) in Internal Test		70.27% 78.38%		62.16% 86.49%	86.11%
Any Innovative teaching techniques followed? / How is your teaching method unique from others?	Assignments are given to the Students. Role-play task given to swapping and function topic	Role play task given to Search topic	Assignments are given to the students. google form quiz were conducted.	Assignments are given to the students google form quiz were conducted.	Practice problems were given on flow chart.
Signature of the Faculty member with date	18/9/18	25/10/18	9/11/18	23/11/18	6/12/18
HOD's Signature and Remarks	08/09/18	26/10/18	09/11/18	23/11/18	06/12/18

Note: Elaborative information / additional details can be printed on back side or attach separate sheet

RAMCO INSTITUTE OF TECHNOLOGY

Academic Performance Monitoring

Academic Year : _2018 - 2019_   Semester : ODD

Branch : _ECE - A_   Department : _CSE_

Subject : _GE8151- Problem Solving and Python Programming_   Name of Faculty : _MS. S. Manjula_

Details of Students' performance in Internal Assessment Tests (For Theory Subjects only)

Internal Assessment Test	Date of Test	Overall Pass (%)*	Deviation from Quality Policy** (Yes/No)
I	15 - 10 - 2018	70.27	Yes
II	10 - 11 - 2018	62.16	Yes
III	06 - 12 - 2018	86.11	Yes
Improvement Test if any	17 - 10 - 2018 13 - 11 - 2018	78.38 86.49	Yes No

* For pass in each subject, the student has to score a minimum of 60%

** Deviation from Quality policy if the overall pass percentage is < 80% in IAT I, < 85% in IAT II and < 90% in IAT III.

Date :   Prepared by : S. Manjula

Corrective Action(s) planned in case of deviation and Target Date(s) for implementation

1. special class was conducted on 26-09-18, 6-10-2018, 13-10-2018. Assignments are given to the students for unit I.
2. special class was conducted on 23-10-18, 31-10-18. Assignments are given to the students for unit III.
3. Special class was conducted on 11-12-18.

Date :   Proposed by :   Approved by :

Verification of Corrective Action   verified   k v p pumm 09 [11/18
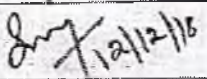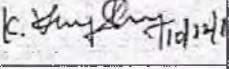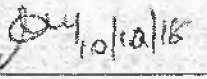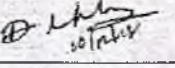
Date :   Verified by :
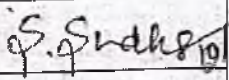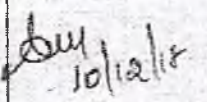
RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
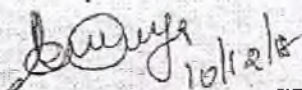### Academic Year: 2018- 2019 (Odd Semester)
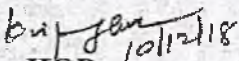
RIT/ CSE/ Spl.Class/39

Date: 10.12.2018

CIRCULAR

A special class will be conducted for the subject GE8151-Problem Solving and Python Programming for the first year who have secured less than 60 marks in Internal Test III are advised to attend the special class on 11.12.2018 from 1.25 P.M. to 5.00 P.M. to improve their learning and performance.

Sl.No.	Department	Name of the Faculty member	Signature
1.	Computer Science and Engineering Department	Mrs.M.Swarna Sudha	
2.	Electrical and Electronics Engineering Department	Mrs.V.Anusuya	
	Civil Engineering Department		
3.	Electronics and Communication Engineering Department – A Section	Ms.S.Manjula	
4.	Electronics and Communication Engineering Department – B Section	Mr.K.Vignesh Saravanan	
5.	Mechanical Engineering Department – A Section	Mrs.V.Anusuya	
6.	Mechanical Engineering Department – B Section	Mr.D.Lakshmanan	

FACULTY INCHARGE

HOD

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
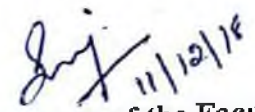### Academic Year: 2018-2019(Odd Semester)
SPECIAL CLASS ATTENDANCE

Degree, Semester& Branch: I Semester B.E. ECE-'A' Section
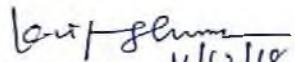Course Code & Title: GE8151 Problem Solving and Python Programming
Name of the Faculty member: Ms.S.Manjula, AP/CSE
Topic Covered: Exaption handling, Illustrative program - guess an integer, minimum in a list
Date: 11-12-18

Sl.No.	Reg. No.	Name of the Student	Signature
1.	953618106029	K.S.Harish Kalyan	by Harivell
2.	953618106017	S. Gokul	S. Gok
3.	953618106023	M.Kaliprakash	M.Kaliprakash
4.	953618106009	K.Arun	K. Arun
5.	953618106015	R. Dinesh	R. Dinesh
6.	953618106030	N. kohila priya	N.kohila priya
7.	953618106005	R. Anitha Ram	R..Anitha Ram
8.	953618106032	G. Mahadevi	G, mahadevi
9.	953618106033	D. ManiMala.	D. ManiMala.
10.	953618106022	Jebbish Robin	Jebrish Robin
11.	953618106025	K. KATHIR.	k.kathy
12.			
13.			
14.			
15.			

Signature of the Faculty member   11/12/18

HOD   11/12/18

1 point

What is the output ((1,2),)*7

○ ((1, 2), (1, 2), (1, 2), (1, 2), (1, 2), (1, 2), (1, 2))

○ (1,2,1,2,1,2,1,2,1,2,1,2)

○ Error

○ Tuple can not be modified.

1 point

What gets printed?

```
name = "PythonProgramming"
print (name[5:8])
```

○ nPr

○ npr

○ onPr

○ nP

What is the output of the following? print('Ab!2'.swapcase())   1 point

○ AB!@

○ ab12

○ aB!2

○ aB1@

How many keyword arguments can be passed to a function   1 point
in a single function call?

○ zero

○ one

○ zero or more

○ one or more

1 point

What gets printed?

```
name = "Python Program"
name[7] = 'X'
print (name)
```

◯ Python Program

◯ PythonXProgram

◯ PythonXrogram

◯ Error, this code will not run

Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]?   1 point

◯ [2, 33, 222, 14]

◯ Error

◯ 25

◯ [25, 14, 222, 33, 2]

SUBMIT

Google Forms

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2018- 2019 (Odd Semester)

ASSIGNMENT SHEET

Degree, Semester& Branch: I, I & ECE-A

Course Code & Title: GE8151 Problem Solving and Python Programming

Name of the Faculty member: Ms.S.Manjula

Assignment No.: 2

Date: 25-10-2018

Questions:

1. Write a python program to store 'n' numbers in a list and sort the list using selection sort.
   [CO4, L3]

2. Write a python program to perform insertion sort on list and write logic. [CO4, L3]

3. Write a python program to perform merge sort on elements with example problem.
   [CO4, L3]

4. Write a python program to search an element using linear search. [CO3, L3]

5. Write a program to search an element using binary search. [CO3, L3]

Signature of the Faculty member

HOD 25/10/18

TUTORIAL SHEET

Degree, Semester& Branch: I Semester B.E. ECE-A Section

Course Code & Title: GE8151 Problem Solving and Python Programming

Name of the Faculty member: Ms.S.Manjula

Tutorial No.: 6   Date: 01.11.2018

Questions:

Part A

1.	What is dictionary?	[CO4,L2]
2.	Differentiate between pop and popitem with example.	[CO4,L2]
3.	Write a program to add and modify an item in a dictionary.	[CO4,L2]
4.	How to get only keys from dictionary. Give an example.	[CO4,L2]
5.	What is the output of the following python code?	

```
Dict={1:2,3:4,4:11,5:6,7:8}
print("Dict", [Dict[3]])
```
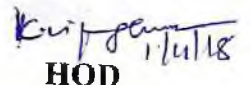[CO4,L3]

Part B

1. Write a program to print a histogram of frequencies of characters using dictionary.

[CO4,L3]

2. Appraise the operations for dynamically manipulating dictionary.   [CO4,L3]

CO4: The students will be able to familiarize the students to use the python data structures like lists, tuples and dictionaries.

L1: Remember; L2: Understand; L3:Apply

Signature of the Faculty member

HOD

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2018-2019(Odd Semester)

CONTENT BEYOND SYLLABUS – LECTURE PLAN

Degree, Semester& Branch: I Semester B.E. ECE-'A'

Course Code & Title: GE8151 Problem Solving and Python Programming

Name(s) of the Faculty member: Ms.S.Manjula

Lecture No.	Date	Topic(s) to be covered	Teaching aids
1.	07.12.2018	Python Classes and objects	White Board
2	10.12.2018	Controlling an LED using python with arduino	PPT

Prepared by: S. Manjula

Date: 3.9.2018

Approved by:

Date: 03 09 18

N. Nawala

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2018- 2019(Odd Semester)

TUTORIAL PLAN

Degree, Semester& Branch: I Semester B.E. ECE-'A' Section
Course Code & Title: GE8151 Problem Solving and Python Programming
Name of the Faculty member: Ms.S.Manjula, AP/CSE

Tutorial No.	Date	Topic(s)
T1	07.09.2018	Practicing Part A & Part B Questions in the topics of data, expressions and statements in python
T2	18.09.2018	Practicing Illustrative Programs, operators
T3	27.09.2018	Practicing Part-A & Part-B Questions using control flow statements
T4	09.10.2018	Exercise on programs using functions and strings
T5	25.10.2018	Practicing programs using lists and tuples
T6	01.11.2018	Practicing illustrative programs in dictionaries and list comprehension
T7	13.11.2018	Simple programs using file concepts and exception handling
T8	20.11.2018	Preparatory test on modules, packages and illustrative programs
T9	04.12.2018	Preparatory test on algorithm, pseudo code and flowchart

Prepared by: S. Manjula
Date: 3.9.2018

N. Nawela 5/9/18

Approved by: 03/09/18
Date: 03/09/18

LECTURE PLAN

Degree, Semester & Branch: I Semester B.E. ECE-'A'

Course Code & Title: GE8151 Problem Solving and Python Programming

Name of the Faculty member: Ms.S.Manjula, AP/CSE

Lecture No.	Date	Topic(s) to be taught	Teaching aids
		UNIT II DATA, EXPRESSIONS, STATEMENTS	
1.	03.09.2018	Introduction to python	LCD
2.	04.09.2018	Python interpreter and interactive mode	LCD
3.	04.09.2018	Values and Types: int, float, boolean, string, and list	LCD
4.	06.09.2018	Variables, Expressions, Statements	White board
5.	10.09.2018	Tuple assignment, Precedence of Operators, Comments	White board
6.	11.09.2018	Modules, Functions-function definition and use	LCD
7.	11.09.2018	Flow of execution, Parameters and arguments	White board
8.	14.09.2018	Illustrative Program: Exchange the values of two variables	White board
9.	15.09.2018	Illustrative Program: Circulate the values of n variables	White board
10.	17.09.2018	Illustrative Program: Distance between two points.	White board
11.	18.09.2018	Revision	LCD
		UNIT III CONTROL FLOW, FUNCTIONS	
12.	20.09.2018	Introduction to control flow statements and functions, Conditional: Boolean values and operators	White board
13.	24.09.2018	Conditional statement-if, alternative statement-if-else, Chained conditional statement-(if-elif-else)	LCD
14.	25.09.2018	Iteration statements-state, while	LCD
15.	25.09.2018	Iteration statements-for, break, continue, pass	White board
16.	28.09.2018	Fruitful functions: return values, parameters, local and global scope	LCD
17.	29.09.2018	Fruitful functions: Function composition, Recursion	LCD
18.	29.09.2018	Strings: string slices, immutability, string functions and methods	LCD
19.	04.10.2018	String module, Lists as arrays	White board
20.	05.10.2018	Illustrative programs: square root, GCD, exponentiation	White board
21.	08.10.2018	Illustrative program: sum an array of numbers	White board
22.	09.10.2018	Illustrative program: linear search, binary search	LCD
23.	12.10.2018	Revision	LCD

UNIT IV LISTS, TUPLES, DICTIONARIES

24.	16.10.2018	Introduction to lists, tuples and dictionaries	LCD
25.	16.10.2018	Lists: list operations, list slices, list methods, list loop	LCD
26.	22.10.2018	Lists: mutability, aliasing, cloning lists, list parameters	White board
27.	23.10.2018	Tuples: tuple assignment, tuple as return value	LCD
28.	23.10.2018	Dictionaries: operations	White board
29.	26.10.2018	Dictionaries: methods	LCD
30.	27.10.2018	Advanced list processing - list comprehension	LCD
31.	29.10.2018	Illustrative programs: selection sort, insertion sort,	LCD
32.	30.10.2018	Illustrative program: mergesort, histogram	White board
33.	30.10.2018	Revision	LCD

UNIT V FILES, MODULES, PACKAGES

34.	02.11.2018	Introduction to files, modules and packages	White board
35.	03.11.2018	Files and exception: text files, reading and writing files, format operator	LCD
36.	08.11.2018	Command line arguments	LCD
37.	09.11.2018	Errors and exceptions	White board
38.	10.11.2018	Handling exceptions	White board
39.	10.11.2018	Modules	White board
40.	13.11.2018	Packages	White board
41.	16.11.2018	Illustrative program: word count	LCD
42.	19.11.2018	Illustrative program: copy file	White board
43.	20.11.2018	Revision	LCD

UNIT I ALGORITHMIC PROBLEM SOLVING

44.	22.11.2018	Introduction to algorithmic problem solving	White board
45.	23.11.2018	Algorithms- Building blocks of algorithm- statements, state	White board
46.	24.11.2018	Building blocks of algorithm-control flow, functions	LCD
47.	26.11.2018	Notation: Pseudo code	LCD
48.	27.11.2018	Notation: Flowchart	White board
49.	27.11.2018	Notation: Programming language	White board
50.	29.11.2018	Algorithmic problem solving, simple strategies for developing algorithm-iteration, recursion	LCD
51.	30.11.2018	Illustrative problems: find minimum in a list, insert a card in a list of sorted cards	White board
52.	01.12.2018	Illustrative problem: guess an integer number in a range, Towers of Hanoi	LCD
53.	04.12.2018	Revision	LCD

Note: We are teaching unit-II first for handling laboratory sessions. Unit-I is not a prerequisite for teaching other units.

Textbooks:

1. Allen B. Downey, "Think Python: How to Think Like a Computer Scientist", 2nd edition, Updated for Python 3, Shroff/O'Reilly Publishers, 2016 (http://greenteapress.com/wp/think-python/)
2. Guido van Rossum and Fred L. Drake Jr, —An Introduction to Python – Revised and updated for Python 3.2, Network Theory Ltd., 2011.

References:

1. Unit I:

   - Reema Thareja, "Python Programming using problem solving approach", First Edition, Oxford University Press, 2017

2. Unit II:

   - Reema Thareja, "Python Programming using problem solving approach", First Edition, Oxford University Press, 2017
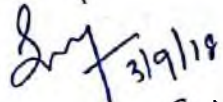
3. Unit III:

   - Reema Thareja, "Python Programming using problem solving approach", First Edition, Oxford University Press, 2017
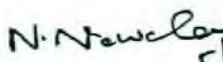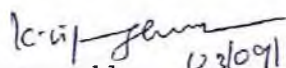
4. Unit IV:

   - Reema Thareja, "Python Programming using problem solving approach", First Edition, Oxford University Press, 2017

5. Unit V:

   - Reema Thareja, "Python Programming using problem solving approach", First Edition, Oxford University Press, 2017

Prepared by: S. Manjula
Date: 3.9.2018

N. Newela
5|9|18

Approved by: 03/09/18
Date: 03/09/18

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Course Objectives and Outcomes

Degree, Semester& Branch: I Semester B.E. ECE-A
Course Code & Title: GE8151 Problem Solving and Python Programming
Name of the Faculty member: Ms.S.Manjula, AP/CSE

Course Objectives:

1. To make the students to understand the basics of algorithmic problem solving.

2. To enable the students to read and write simple python programs.

3. To expose the students to develop python programs with conditionals, looping statement and functions.

4. To familiarize the students to use the python data structures like lists, tuples and dictionaries.

5. To enable the students to do input and output operations with files in python.
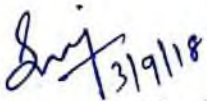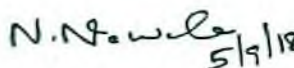
Course Outcomes:

After completion of the course, it is expected that the students will be able to
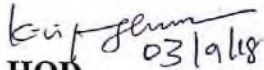
1. Develop algorithmic solutions to simple computational problems.

2. Read, write and execute simple python programs.

3. Apply control, looping structures and functions to solve problems.

4. Represent compound data using python lists, tuples, and dictionaries.

5. Read and Write data from/to files in python programs.

Assessment Methods followed:

1. Two unit tests and three internal assessment tests are conducted to assess the continuous learning.

2. Tutorials and online quizzes conducted to assess the students self-learning skills.

3. End semester examination is conducted by Anna University to assess the overall learning of the students.

3/9/18

Signature of the Faculty member   N.Nawule 5/9/18   **HOD** 03/9/18

GE8151 PROBLEM SOLVING AND PYTHON PROGRAMMING

L T P C
3 0 0 3

OBJECTIVES:

- To know the basics of algorithmic problem solving
- To read and write simple Python programs.
- To develop Python programs with conditionals and loops.
- To define Python functions and call them.
- To use Python data structures — lists, tuples, dictionaries.
- To do input/output with files in Python.

UNIT I ALGORITHMIC PROBLEM SOLVING   9

Algorithms, building blocks of algorithms (statements, state, control flow, functions), notation (pseudo code, flow chart, programming language), algorithmic problem solving, simple strategies for developing algorithms (iteration, recursion). Illustrative problems: find minimum in a list, insert a card in a list of sorted cards, guess an integer number in a range, Towers of Hanoi.

UNIT II DATA, EXPRESSIONS, STATEMENTS   9

Python interpreter and interactive mode; values and types: int, float, boolean, string, and list; variables, expressions, statements, tuple assignment, precedence of operators, comments; modules and functions, function definition and use, flow of execution, parameters and arguments; Illustrative programs: exchange the values of two variables, circulate the values of n variables, distance between two points.

UNIT III CONTROL FLOW, FUNCTIONS   9

Conditionals: Boolean values and operators, conditional (if), alternative (if-else), chained conditional (if-elif-else); Iteration: state, while, for, break, continue, pass; Fruitful functions: return values, parameters, local and global scope, function composition, recursion; Strings: string slices, immutability, string functions and methods, string module; Lists as arrays. Illustrative programs: square root, gcd, exponentiation, sum an array of numbers, linear search, binary search. 13

UNIT IV LISTS, TUPLES, DICTIONARIES   9

Lists: list operations, list slices, list methods, list loop, mutability, aliasing, cloning lists, list parameters; Tuples: tuple assignment, tuple as return value; Dictionaries: operations and methods; advanced list processing - list comprehension; Illustrative programs: selection sort, insertion sort, mergesort, histogram.

UNIT V FILES, MODULES, PACKAGES   9

Files and exception: text files, reading and writing files, format operator; command line arguments, errors and exceptions, handling exceptions, modules, packages; Illustrative programs: word count, copy file.

TOTAL: 45 PERIODS

OUTCOMES:

Upon completion of the course, students will be able to

- Develop algorithmic solutions to simple computational problems
- Read, write, execute by hand simple Python programs.
- Structure simple Python programs for solving problems.
- Decompose a Python program into functions.
- Represent compound data using Python lists, tuples, dictionaries.
- Read and write data from/to files in Python Programs.

TEXT BOOKS:

1. Allen B. Downey, ``Think Python: How to Think Like a Computer Scientist", 2nd edition, Updated for Python 3, Shroff/O'Reilly Publishers, 2016 (http://greenteapress.com/wp/think-python/)
2. Guido van Rossum and Fred L. Drake Jr, —An Introduction to Python – Revised and updated for Python 3.2, Network Theory Ltd., 2011.

REFERENCES:

1. John V Guttag, —Introduction to Computation and Programming Using Python", Revised and expanded Edition, MIT Press , 2013
2. Robert Sedgewick, Kevin Wayne, Robert Dondero, —Introduction to Programming in Python: An Inter-disciplinary Approach, Pearson India Education Services Pvt. Ltd., 2016.
3. Timothy A. Budd, —Exploring Pythonl, Mc-Graw Hill Education (India) Private Ltd.,, 2015.
4. Kenneth A. Lambert, —Fundamentals of Python: First Programsl, CENGAGE Learning, 2012.
5. Charles Dierbach, —Introduction to Computer Science using Python: A Computational Problem-Solving Focus, Wiley India Edition, 2013.
6. Paul Gries, Jennifer Campbell and Jason Montojo, —Practical Programming: An Introduction to Computer Science using Python 3l, Second edition, Pragmatic Programmers, LLC, 2013.

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering

INDIVIDUAL FACULTY TIME TABLE
(With effect from: 03.09.2018)

Academic Year: 2018-19 (Odd Semester)

Name of Faculty member: Ms.S.Manjula

Period & Time / Day	I 09.00-09.50	II 09.50-10.40	III 10.40-11.30	11.30-11.45	IV 11.45-12.35	V 12.35-01.25	01.25-02.15	VI 02.15-03.05	VII 03.05-03.55	03.55-04.10	VIII 04.10-05.00
Monday	GE8151 CR V										
Tuesday			GE8151 CR V								GE8151 CR V
Wednesday				Tea Break			Lunch break			Tea Break	
Thursday		GE8151 CR V			GE8161 CC ECE-A			GE8161 CC ECE-A	GE8161 CC ECE-A		GE8161 CC ECE-A
Friday			GE8151 CR V		GE8161 CC ECE-B			GE8161 CC ECE-B	GE8161 CC ECE-B		GE8161 CC ECE-B
Saturday											

Name of Subject	No. of Periods
1. GE8151-Problem Solving and Python Programming(I ECE-A)	5
2. GE8161- Problem Solving and Python Programming Lab(I ECE-A)	4
3. GE8161- Problem Solving and Python Programming Lab(I ECE-B)	4

3/9/18

Signature of the Faculty member

HOD 03/09/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2018 - 2019 (Odd Semester)

CLASS TIME TABLE
(with effect from: 03.09.2018)

Semester/Class: I Semester B.E. ECE A
CLASS ROOM - V

Period & Time / Day	I 09.00-09.50	II 09.50-10.40	III 10.40-11.30	11.30-11.45	IV 11.45-12.35	V 12.35-01.25	01.25-02.15	VI 02.15-03.05	VII 03.05-03.55	03.55-04.10	VIII 04.10-05.00
Monday	GE8151 SM	CY8151 NR	PY8151 NK	Tea Break	MA8151 KSM	BS8161 NK/NR& KK	Lunch Break	BS8161 NK/NR&KK		Tea Break	BS8161 NK/NR& KK
Tuesday	PY8151 NK	HS8151 APA	GE8151 SM.	Tea Break	CY8151 NR	MA8151 (T) KSM, LSK & KBK	Lunch Break	GE8152 TSS		Tea Break	GE8151 SM
Wednesday	CY8151 NR	MA8151 KSM	GE8152 TSS&CGR	Tea Break	GE8152 TSS&CGR		Lunch Break	PY8151/ CY8151 NK/NR	HS8151 APA	Tea Break	PCD KK & GV
Thursday	HS8151 APA	GE8151 SM	HS8151 APA	Tea Break	MA8151 KSM	GE8161 SM&MSS	Lunch Break	GE8161 SM&MSS		Tea Break	GE8161 SM&MSS
Friday	MA8151 KSM	PY8151 NK	GE8151 SM	Tea Break	CY8151 NR	PY8151 NK	Lunch Break	MA8151 (T) KSM	GE8152 TSS	Tea Break	HS8151 APA

T: Tutorial

Course Code & Title	Name of the Faculty member	No. of periods
1. HS8151 Communicative English	Mrs.A.Prem Anandhi (APA)	5
2. MA8151 Engineering Mathematics - 1	Mr.K.Subramanian (KSM)	4
Engineering Mathematics - 1-Tutorial	Mr.K.Subramanian (KSM), Dr.L.Sathikala (LSK) & Dr.K.Basari Kodi (KBK)	2
3. PH8151 Engineering Physics	Mr.N.Karthikeyan (NK)	$4\frac{1}{2}$
4. CY8151 Engineering Chemistry	Mrs.N.Revathi (NR)	$4\frac{1}{2}$
5. GE8151 Problem solving and Python Programing	Ms.S.Manjula (SM)	5
6. GE8152 Engineering Graphics	Mr.T.Selva Sundar (TSS)	3
Engineering Graphics - Practice	Mr.T.Selva Sundar (TSS) & Mr.C.Gururaj (CGR)	3
7. GE8161 Problem solving and Python Programing Laboratory	Ms.S.Manjula (SM) & Mrs.M.Swarna Sudha (MSS)	4
8. BS8161 Physics and Chemistry Laboratory	Mr.N.Karthikeyan (NK) / Mrs.N.Revathi (NR) & Mr.K.Karpagavel (KK)	4
Personality and Character Development (PCD)	Mr.K.Karpagavel (KK) & Dr.G.Veeramani (GV)	1

Class Adviser 30/8/18

HOD 30/8/18

Timetable Coordinator 30/8/18

Principal 31/8/1

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Academic Year: 2018 - 2019 (Odd Semester)

STUDENTS NAME LIST

Semester / Class: I Semester B.E. ECE A

Sl. No.	Reg. No.	Student Name
1	953618106001	AARTHI K
2	953618106002	ABUBACKER SIDDIQ A
3	953618106003	ACHUTHAN R
4	953618106004	ALPHINA CHRISTY V
5	953618106005	ANITHA RAM R
6	953618106006	ANU LAKSHMI K S
7	953618106007	ANUSUYA R
8	953618106008	APINEYA SRI M
9	953618106009	ARUN K
10	953618106010	ARUNA ARTHI S
11	953618106011	BALAJI RAJA K
12	953618106012	BALA KIRUTHIKA A
13	953618106013	DEEPIKA A
14	953618106014	DHITCHANAA R
15	953618106015	DINESH R
16	953618106016	GAYATHRI R
17	953618106017	GOKUL S
18	953618106018	HARSHETHAA N
19	953618106019	HELANMARY M
20	953618106020	JAYALAKSHMI S
21	953618106021	JAYAMADAN K
22	953618106022	JEBISH ROBIN R
23	953618106023	KALIPRAKASH M
24	953618106024	KARTHIK R
25	953618106025	KATHIR K
26	953618106026	KEERTHANA S
27	953618106027	KIRUTHIKA P
28	953618106028	KIRUTHIKA T
29	953618106029	K J HARISH KALYAN
30	953618106030	KOHILAPRIYA N
31	953618106031	KRISHNA VENI S

Sl. No.	Reg. No.	Student Name
32	953618106032	MAHADEVI G
33	953618106033	MANIMALA N
34	953618106034	MIRRA S
35	953618106035	MOHANASUDHAN M
36	953618106036	MONIKA B
37	953618106046	P MADHAV

Class Adviser 28/9/18

HOD 29/9/18

UNIT I - ALGORITHMIC PROBLEM SOLVING

PART A

1. **What is an Algorithm.** (January 2018)

   Algorithm is an ordered sequence of finite, well defined, unambiguous instructions for completing a task. Algorithm is an English-like representation of the logic which is used to solve the problem. It is a step- by-step procedure for solving a task or a problem.

2. **State some of the properties of an algorithm.**
   - **Precision:** The instructions should be written in a precise manner.
   - **Uniqueness:** The outputs of each step should be unambiguous. The instruction must be simple and concise. They must not be ambiguous.
   - **Finiteness:** Not even a single instruction must be repeated infinitely.
   - **Effectiveness:** The algorithm should design in such a way that it should be the most among many different ways to solve a problem.
   - **Input:** The algorithm must receive an input.
   - **Output:** After the algorithm gets terminated, the desired result must be obtained.
   - **Generality:** The algorithm can be applied to various set of inputs.

3. **State the characteristics of an algorithm.**
   - The instruction must be in an ordered form.
   - The instruction must be simple and concise. They must not be ambiguous.
   - There must be an instruction (condition) for program termination.
   - The repetitive programming constructs must possess an exit condition. Otherwise, the program might run infinitely.
   - The algorithm must completely and definitely solve the given problem statements.

4. **What are the steps involved in algorithm development process?**
   - Obtain a description of the problem.
   - Analyse the problem.
   - Identify the solution for the problem and divide it into small task.
   - Refine the Algorithm has to be prepared and adding more detail.
   - Review the algorithm.
   - Then it has to be executed

5. **What are all the Different Approaches to Design an Algorithm?**
   Top-down approach starts by dividing the complex algorithm into one or more modules.
   Bottom-up approach is just the reverse of top-down approach. In the bottom-up design, we start with designing the most basic or concrete modules and then proceed towards designing higher level modules.

1

Question Paper Code : GE8151

B.E./B.Tech. DEGREE EXAMINATION, 2017

First Semester

Civil Engineering

GE8151 - PROBLEM SOLVING AND PYTHON PROGRAMMING

(Common to All Branches)

(Regulations 2017)

Time : Three Hours   Maximum : 100 Marks

Answer ALL questions

PART – A(10×2=20 Marks)

1. What is an algorithm ?

2. Write a pseudo-code to accept two numbers, add the numbers and print the result.

3. Outline the modes Python interpreter works.

4. State the difference between (I) and (II) operators in Python.

5. Write a Python program to accept two numbers, find the greatest and print the result.

6. What is recursion ?

7. What is a list in Python ? Give example.

8. Write the syntax for concatenating two lists in Python.

9. What is an exception ? Give example.

10. Write the syntax for opening a file in Python for reading only.

PART – B (5×16=80 Marks)

11. a) i) Explain with an example the boilding blocks of an algorithm. (8)

    ii) Draw a flow chart to print the first 'n' prime numbers. (8)

    (OR)

    b) Explain with relevant diagrams and algorithm the Towers of Hanoi problem. (16)

12. a i) Explain with an example the structure of a Python program. (8)

    ii) Outline with an example the assignment operators supported in Python. (8)

    (OR)

    b) Explain the various data types in Python. (16)

13. a) i) Write a Python program using while loop to print the first n numbers divisible by 5. (8)

    ii) Write a Python program to compute the factorial of a given number. (8)

    (OR)

    b) Write Python program to perform binary search. (16)

14. a) Write code snippets in Python to perform the following :

    i) Accessing elements of a tuple. (5)

    ii) Modifying elements of a tuple. (5)

    iii) Deleting elements of a tuple. (6)

    (OR)

    b) Write the Python program to sort an integer list using selection sort. (16)

15. a) Describe in detail how exceptions are handled in Python. Give relevant examples. (16)

    (OR)

    b) Write a Python program to copy the contents of one file to another. (16)

———————

RAMCO INSTITUTE OF TECHNOLOGY

Academic Year 2018-2019 (Odd Semester)   27.06.2018

In order to ensure good academic preparation for the ensuing semester, all the faculty members are advised to prepare Lecture Plan, Tutorial Plan, Practical Plan, using ISO formats already in practice. The complete course files as per the contents given below will be reviewed by the principal as per the following schedule. The preparation will be reviewed by HOD and Principal.

Contents of the Theory Course file:

1. Lecture Plan
2. Course objective and course outcomes
3. Tutorial Plan with tutorial sheets if applicable
4. Teaching – Learning material (Notes of lesson neatly typed/ written with good hand writing with appropriate margin on all 4 sides of the paper and any other downloaded and edited material, soft copies of NPTEL Video, Online course materials relevant to the subject.
5. Question Bank with atleast (20 Nos. of 2 mark Question with Answers and around 10-15 important bigger questions for each unit.
6. Syllabus Copy
7. Individual Time Table
8. Class Time Table
9. Question Papers of immediate previous University examination (4-6 Nos.) for the subject concerned.
10. Any other relevant material

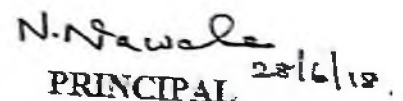**Contents of the Practical Course file:**

1. Laboratory Manual prepared as per guideline
2. Practical Plan
3. Syllabus Copy
4. Individual Time Table
5. Class Time Table
6. Any other relevant material

Schedule

Sl. No.	Date	Department
1.	28.06.2018 (FN)	Electronics and Communication Engineering
2.	28.06.2018 (AN)	Civil Engineering
3.	29.06.2018 (FN)	Electrical and Electronics Engineering
4.	30.06.2018 (FN)	Computer Science and Engineering
5.	30.06.2018 (FN)	Science and Humanities
6.	30.06.2018 (AN)	Mechanical Engineering

ISO - Coordinators
(Dr.S.Rajakarunakaran
Dr.S.Periyanayagi)

N.Nawale
PRINCIPAL 28/6/18

RAMCO INSTITUTE OF TECHNOLOGY

04.04.2018

The following is the schedule for verifying the Academic related documents and Department Meeting for your kind reference.

Schedule

Sl. No.	Date	Department
1.	05.04.2018	Electronics and Communication Engineering
2.	06.04.2018	Civil Engineering
3.	07.04.2018	Computer Science and Engineering
4.	09.04.2018	Electrical and Electronics Engineering
5.	10.04.2018	Mechanical Engineering
6.	11.04.2018	Science and Humanities

Documents Verification Time: 3.00 P.M. to 5.00 P.M

ISO - Coordinators
(Dr.S.Rajakarunakaran)
(Dr.S.Periyanayagi)

PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY

Academic Year 2017-2018 (Even Semester)   11.12.2017

In order to ensure good academic preparation for the ensuing semester, all the faculty members are advised to prepare Lecture Plan, Tutorial Plan, Practical Plan, using ISO formats already in practice. The complete course files as per the contents given below will be reviewed by the principal as per the following schedule. The faculty members are requested to prepare a motivational video (5 minutes) and presentation for their concerned subjects. The preparation will be reviewed by HOD and Principal.

Contents of the Theory Course file:

1. Lecture Plan
2. Course objective and course outcomes (6-8)
3. Tutorial Plan with tutorial sheets if applicable
4. Teaching – Learning material (Notes of lesson neatly typed/ written with good hand writing with appropriate margin on all 4 sides of the paper and any other downloaded and edited material, soft copies of NPTEL Video, Online course materials relevant to the subject.
5. Question Bank with atleast (20 Nos. of 2 mark Question with Answers and around 10-15 important bigger questions for each unit.
6. Syllabus Copy
7. Individual Time Table
8. Class Time Table
9. Question Papers of immediate previous University examination (4-6 Nos.) for the subject concerned.
10. Any other relevant material

Contents of the Practical Course file:

1. Laboratory Manual prepared as per guideline
2. Practical Plan
3. Syllabus Copy
4. Individual Time Table
5. Class Time Table
6. Any other relevant material

Schedule

Sl. No.	Date	Department
1.	12.12.2017	Civil Engineering
2.	13.12.2017	Electronics and Communication Engineering
3.	14.12.2017	Computer Science and Engineering
4.	15.12.2017	Mechanical Engineering
5.	16.12.2017	Electrical and Electronics Engineering

ISO - Coordinators
(Dr.S.Periyanayagi)

PRINCIPAL

circulated to all faculty members

RAMCO INSTITUTE OF TECHNOLOGY

14.11.2017

The following is the schedule for verifying the Academic related documents and Department Meeting for your kind reference.

Schedule

Sl. No.	Date	Department
1.	14.11.2017	Electronics and Communication Engineering
2.	15.11.2017	Computer Science and Engineering
3.	16.11.2017	Mechanical Engineering
4.	17.11.2017	Civil Engineering
5.	18.11.2017	Science and Humanities
6.	20.11.2017	Electrical and Electronics Engineering

Documents Verification Time: 4.00 P.M. to 5.00 P.M

ISO - Coordinators
(Dr.S.Rajakarunakaran)
(Dr.S.Periyanayagi)

PRINCIPAL

SM -
MSS -
PA -
PJ -
BV -
VA -
RBG -
R·V -
DL -
JS -

RAMCO INSTITUTE OF TECHNOLOGY
Department of Mathematics
Academic Year 2017-18 (Even Semester)
Batch Detail for Collaborative Learning & Tutorial Period

Class: IV Semester B.E. EEE
Subject Code/Title: MA6459 / Numerical Methods
Name of the Faculty members: Dr. G. Selvaraj
Name of the Additional Tutorial Incharge: Dr. R. Sumathi

S.No.	Reg. No.	Name of the student	T1		T2		T3		T4	
			A	B	A	B	A	B	A	B
Batch I										
1.	953616105018	KIRUBAH M	1	4	3	4	4	4	4	4
2.	953616105001	ABIRAMI P	1	4	1	4	1	2	–	2
3.	953616105008	BABISHA T	–	3	2	1	2	1	1	2
4.	953616105019	KISHORE KUMAR T	2	2	1	2		2	–	2
5.	953616105020	KRISH SHARAN S	–	3	3	2	3	1	1	1
6.	953616105027	MOHAMED AMJATH IBRAHIM S	1	2	1	2	1	2	1	2
Batch II										
7.	953616105025	MALARVIZHI P	–	4	3	3	2	2	2	3
8.	953616105024	MAHABHARATHI S		2		2		3		1
9.	953616105028	MUNIRAJA M	–	8	2	1	3	–	–	1
10.	953616105033	PRATHYUMNAN P		3	2	1	3	1	–	1
11.	953616105036	PREETHI G	–	3	3	2	2	2	2	1
12.	953616105051	THIRUNAVUKKARASU B	1	2	2	2	2	2	1	2
Batch III										
13.	953616105030	NIRMALA DEVI A	–	4	1	4	2	2	–	1
14.	953616105012	HARISH KUMAR G	2	3	2	4	2	4	2	3
15.	953616105013	JAISREE S K	–	3	–	3	–	2	2	2
16.	953616105014	JEYA SHINY SUHEL S	0	3	–	4	–	2	2	2
17.	953616105015	KAMATCHIPRIYA M	1	4	–	4	1	2	–	2
18.	953616105053	VELMURUGAN M	1	2	2	2	2	2	1	2
Batch IV										
19.	953616105055	YASHASWINI G	–	4	3	4	2	2	–	3
20.	953616105029	MUTHULAKSHMI B	–	4	3	4	2	2	–	3
21.	953616105037	PRITHIBA K	–	4	3	4	2	2	–	3
22.	953616105040	RAMYA M	–	4	3	4	2	2	–	3
23.	953616105043	SIVAPRIYA K	–	4	3	4	2	2	–	3
24.	953616105048	SUJITHA S	1	4	3	2	1	2	–	2
Batch V										
25.	953616105002	AISWARYA V	1	8	–	–	1	2	1	2
26.	953616105004	ARUN FRANCIS A	1	1	1	1	1	1	1	1
27.	953616105005	ASLAM JAVID KHAN J H	–	2	1	1	–	2	1	1

No.	Reg No.	Name								
28.	953616105010	GOKULAN S	2	2	2	1	2	2	2	1
29.	953616105016	KAVITHA RANI N		4	3	4	3	3	-	3
30.	953616105022	MADASAMY K	1	2	1	2	1	2	1	2
31.	953616105023	MADHANKUMAR J	2	2	1	1	3	1	1	2
32.	953616105026	MANISHA R	0	2	2	3	1	2	-	3
33.	953616105031	NIVETHA RAJAM M	-	3	2	3	2	1	-	2
34.	953616105032	POOJA C U	1	2	3	1	2	2	1	3
35.	953616105035	PRAVEEN KUMAR R	-	3	3	2	3	1	1	1
36.	953616105047	SUBATHRA S	0	2	2	3	1	2	-	3
37.	953616105049	SWATHI K	1	2	2	3	2	1	1	2
38.	953616105050	THENDRAL M	2	1	1	2	2	1	1	2
39.	953616105052	UMA MAHESWARI M		2	2	2	2	1	-	1
40.	953616105054	VINATAA A G	-	4	3	4	2	1	-	3
Batch VI										
41.	953616105003	ARUNACHALAM M V	1	1	3	2	2	2	1	2
42.	953616105006	ASWATH NARAYANAN V	1	2	2	3	2	1	1	2
43.	953616105007	ASWIN RAMANAN D	3	2	2	1	2	1	1	1
44.	953616105009	GAYATHIRI M	-	4	1	2	1	3	1	2
45.	953616105011	GUNA SEKARAN S	1	2	2	1	2	3	1	2
46.	953616105017	KEERTHANA A	1	2	1	2	1	2	1	2
47.	953616105021	LAKSHMAN SAGAR D	2	1	3	2	1	3	1	2
48.	953616105034	PRAVEEN G	3	1	1	2	3	1	-	2
49.	953616105039	RAM KUMAR P	1	2	2	1	2	3	1	2
50.	953616105041	SANJAI M	2	1	2	1	3	2	4	1
51.	953616105042	SANKAR KUMAR D	4	3	2	1	1	2	4	2
52.	953616105044	SIVASURYA N	2	1	2	1	1	2	2	1
53.	953616105045	SRI SANTHIYA S	1	4	1	2	2	1	1	2
54.	953616105046	SUBA SATHYA M	-	2	1	2	1	2	1	2
55.	953616105056	YESWANTH M	1	2	2	1	2	3	1	2
56.	953616105301	AJITHKUMAR	-	2	1	-	1	1	2	2
57.	953616105302	VIGNESH	1	2	2	1	1	2	1	2

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Academic Year: 2017-2018 (Even Semester)

Details of use of e-Learning Sources (Videos)

Degree, Semester & Branch: IV Semester B.E. CSE
Course Code & Title: EC6504 Microprocessor and Microcontroller
Name of the Faculty Member: Mr.B.Kannan

Sl.No.	Title of NPTEL Video	Matching with the topic vide Lecture No.	Date of use in Classroom/ Seminar Hall
1.	Addressing Modes (NPTEL- Computer Organization , Lecture No: 12 by Prof.S. Raman, IIT Madras, First 45 Minutes)	Lecture No: 04	21.12.2017/ Classroom
2.	Programmable Interrupt (NPTEL- "Microprocessors and Microcontrollers, Lecture No: 17 by Prof. Ajit Pal, IIT Kharagpur, First 35 Minutes)	Lecture No: 29	07.02.2018/ Classroom
3.	8051 Microcontroller Instruction set (NPTEL- "Microprocessors and Microcontrollers, Lecture No: 23 by Prof. Ajit Pal, IIT Kharagpur, First 45 Minutes)	Lecture No: 40	26.02.2018/ Classroom
4.	8051 Timer/Counter Operation (NPTEL- "Microprocessors and Microcontrollers, Lecture No: 29 by Prof. Ajit Pal, IIT Kharagpur, First 45 Minutes)	Lecture No: 47	10.03.2018/ Classroom

Remarks if any:

Signature of the Faculty Member

HOD/Incharge

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 - 2018 (Even Semester)

TUTORIAL SHEET

Degree, Semester& Branch   : VIII Semester B.E. ECE B
Course Code & Title   : GE6075 Professional Ethics in Engineering
Name of the Faculty member: Mr.V.Rajesh
Tutorial No.: 8   Date: 26.02.2018
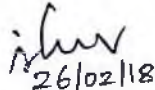
Questions:

PART – A

1. What are the three main aspects of engineering experiments?   [CO3, L1]
2. Enumerate the roles of codes in ethics of profession.   [CO3, L2]
3. What is the need to view engineering projects as experiments?   [CO3, L1]
4. Define informed consent.   [CO3, L1]
5. What are the uncertainties occur in model designs?   [CO3, L1]

PART – B

1. Challenger - Case study   [CO3, L3]

CO3: The students will be able to realize the responsibilities of engineers as experimenters.

L1: Remember; L2: Understand; L3: Apply

26/02/18
Signature of the Faculty member

26/2/18
HOD/Incharge

Allan J. McDonald:
> Allan J. McDonald – Company's Director for Solid booster rocket.
> He represented Morton – Thiokol at the Cape Kennedy.
> He knows the behavior of O – Rings at freezing temperatures.
> He arranged a Teleconference so that NASA Engineers could discuss with his company Engineers.

Arnold Thompson & Roger Boisjoly:
> They are the seal experts of Morton – Thiokol.
> They explained how the O-ring will erode when the temperature becomes low at the conference.

Engineering managers:
> Bob Lund – Vice President of Engineering.
> Joe Kilminster – Vice President for Booster Rockets.
> The Engineering managers agreed that there is a problem of safety.
> The team from Marshall Space Center did not agree because they do not want the launch to be postponed.
> Jerry mason, Senior Vice president told Bob Lund "To take off your engineering hat and put on your management hat".
> The managers of Thiokol – Morton decided not to recommend that O- Rings are unsafe.
> The engineer's judgment was not considered weighty.
> At Cape Kennedy – Allan McDonald refused to sign the formal recommendation to launch. It was then signed by Joe Kilminster.

Ethical issues in the Challengers Case:
> Concern for safety gave way to institutional posturing.
> Danger signal did not go beyond Morton – Thiokol and Marshall Space Flight center.
> No effective recall was instituted.
> There were concerned Engineers who spoke out, but ultimately they felt it only proper to submit to manage decisions.
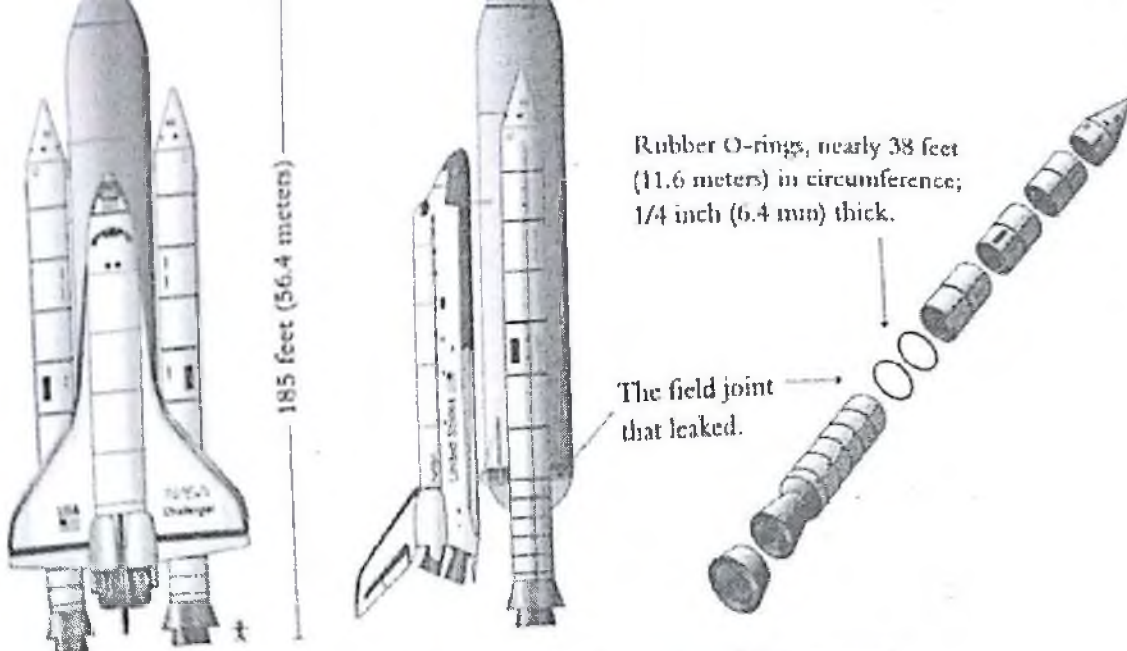
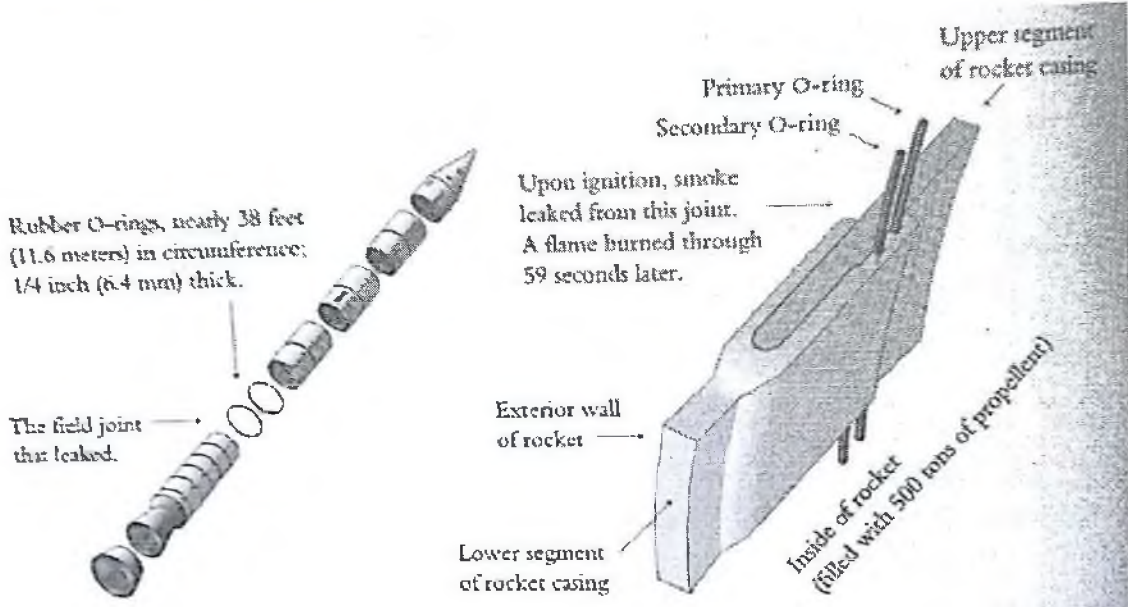# THE INCIDENT
JANUARY 28, 1986

Launch
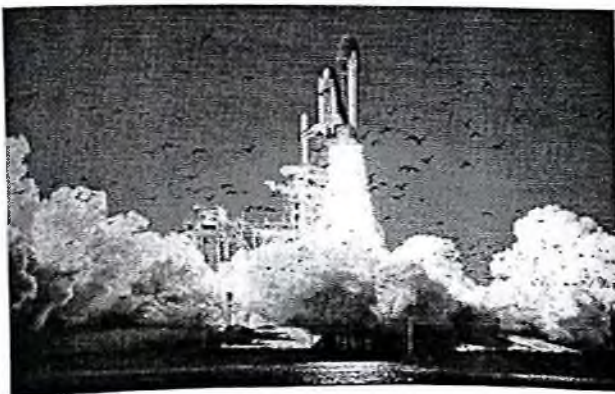
About 80 seconds after Launch

Rubber O-rings, nearly 38 feet (11.6 meters) in circumference; 1/4 inch (6.4 mm) thick.

The field joint that leaked.

The shuttle consists of an *orbiter* (which carries the crew and has powerful engines in the back), a large liquid-fuel *tank* for the orbiter engines, and 2 solid-fuel *booster rockets* mounted on the sides of the central tank.

Rubber O-rings, nearly 38 feet (11.6 meters) in circumference; 1/4 inch (6.4 mm) thick.

The field joint that leaked.

Upper segment of rocket casing

Primary O-ring
Secondary O-ring

Upon ignition, smoke leaked from this joint. A flame burned through 59 seconds later.

Exterior wall of rocket

Lower segment of rocket casing

Inside of rocket (filled with 500 tons of propellant)

Where these segments mate, each joint is sealed by two rubber O-rings as shown above. In the case of the Challenger accident, one of these joints leaked, and a torch-like flame burned through the side of the booster rocket.
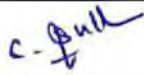
Figure: Challenger space shuttle
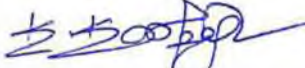
RAMCO INSTITUTE OF TECHNOLOGY
Department of Chemistry
Academic Year: 2017 - 2018 (ODD Semester)

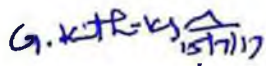**RIT/ Chemistry/ Field Study /01**   **Date: 15.07.17**
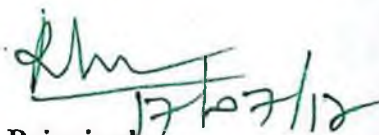
CIRCULAR

A field study will be conducted for II year Civil, CSE, EEE and III year ECE A & B students for the subject Environmental Science and Engineering (GE6351) for Unit -1 Environment, Ecosystem and Biodiversity. This field study covers the topic of terrestrial ecosystem. It makes the students to understand importance of producers, consumers and decomposers. They also understand the functions of ecosystem such as food chain, food web, energy flow and nutrient cycle.

Sl.No.	Branch	Date & Time	Name of the Faculty member	Signature
1.	III ECE B	17.07.17 1:25-2:15pm	Ms. R. Chitradevi	
2.	III ECE A	18.07.17 11:45-12:35pm	Dr. G. Kanthimathi	
3.	II CSE	18.07.17 11:45-12:35pm	Mrs. N. Revathi	
4.	II Civil	22.07.17 03.20-04.10pm	Mrs. C. Subha	
5.	II EEE	22.07.17 11.45-12.35pm	Mr.K. Karpagavel	

HOD   G. Kathir
                         HOD i/c / CIVIL   **Principal**
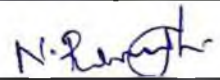
Copies to:

Department HOD
Class Advisor
File

RIT/ Chemistry / Field Study /02   **Date: 07.08.17**

CIRCULAR

A field study will be conducted for II year Civil, CSE, EEE and III ECE A & B students for the subject Environmental Science and Engineering (GE6351) for Unit -2 Environmental Pollution. This field study covers the topics of causes of water and soil pollution and sewage water treatment. It makes the students to understand the various causes, effect and control measures of water and soil pollution and also the process involved in sewage water treatment.

Sl. No.	Branch	Date	Name of the Faculty member	Signature
1.	III ECE B	08.08.17	Ms. R. Chithradevi	
2.	III ECE A	10.08.17	Dr. G. Kanthimathi	
3.	II CSE	11.08.17	Mrs. N. Revathi	
4.	II Civil	11.08.17	Mrs. C. Subha	
5.	II EEE	11.08.17	Mr. K. Karpagavel	

HOD

Copies to:
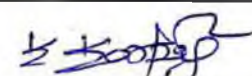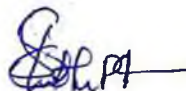
Department HOD
Class Advisor
File

RAMCO INSTITUTE OF TECHNOLOGY
Department of Chemistry
Academic Year: 2017 - 2018 (ODD Semester)

RIT/ Chemistry / Field Study /03   Date: 03.10.17

CIRCULAR

A field study will be conducted for II year Civil, CSE, EEE and III ECE A & B students for the subject Environmental Science and Engineering (GE6351) for Unit -3 Natural Resources. This field study covers the importance of natural resources and their impact of overutilization on environment. It makes the students to understand the worth of environmental assets in terms of natural resources.

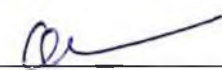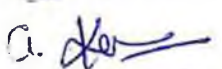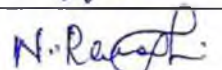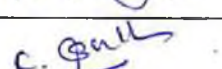| Sl.No.	Branch	Date	Name of the Faculty member	Signature
1.	III ECE B	05.10.17	Ms. R. Chithradevi	
2.	III ECE A	06.10.17	Dr. G. Kanthimathi	
3.	II CSE	06.10.17	Mrs. N. Revathi	
4.	II Civil	06.10.17	Mrs. C. Subha	
5.	II EEE	06.07.17	Mr.K. Karpagavel	

HOD

Copies to:

Department HOD
Class Advisor
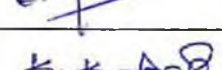File

RAMCO INSTITUTE OF TECHNOLOGY
Department of Chemistry
Academic Year: 2018 - 2019 (Odd Semester)

RIT/ Chemistry / Field Study /03   Date: 10.$_{\cdot}$ 18

CIRCULAR

A field study is planned to Rajapalayam water shed management, for III year ECE A & B section students for the subject Environmental Science and Engineering (GE6351) for Unit -3 Natural Resources. This field study covers the importance and need of conservation of water resources. The field trip will help the students to understand the worth of environmental assets in terms of natural resources.

Sl.No.	Branch/ Semester	Date/Hour	Name of the Faculty member	Signature
1.	III ECE 'A & B' / V	12.$_{\cdot}$.18/VIII (04.00 - 05.00 pm)	Dr. G. Kanthimathi	

Place: Rajapalayam water shed, Rajapalayam.

HOD

Copies to:

Department HOD
Class Advisor
File

RAMCO INSTITUTE OF TECHNOLOGY
Department of Chemistry
Academic Year: 2018 - 2019 (Odd Semester)

RIT/ Chemistry / Field Study /02

Date: 16.08.18

CIRCULAR

A field study will be conducted for III year ECE A & B students for the subject Environmental Science and Engineering (GE6351) for Unit -2 Environmental Pollution. This field study covers the topics of causes of water and soil pollution and sewage water treatment. It makes the students to understand the various causes, effect and control measures of water and soil pollution.

Sl.No.	Branch	Date/Hour	Name of the Faculty member	Signature
1.	III ECE A	22.08.18/IV	Dr. G. Kanthimathi	
2.	III ECE B	18.08.18/VII	Dr. G.Kanthimathi	

Place : Sewage water treatment plant in our campus.

HOD
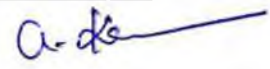
Copies to:

Department HOD
Class Advisor
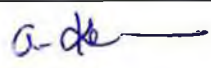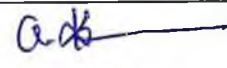File

RAMCO INSTITUTE OF TECHNOLOGY
Department of Chemistry
Academic Year: 2018 - 2019 (ODD Semester)
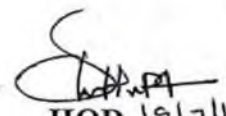
RIT/ Chemistry / Field Study /01   Date: 19.07.18

CIRCULAR

A field study will be conducted for III year (V Semester) ECE A & B students for the subject Environmental Science and Engineering (GE6351) for Unit -1 Environment, Ecosystem and Biodiversity. This field study covers the topic terrestrial ecosystem. It makes the students to understand importance of producers, consumers and decomposers. They also understand the functions of ecosystem such as food chain, food web, energy flow and nutrient cycle.

Sl.No.	Branch	Date	Hour	Name of the Faculty member	Signature
1.	III ECE B	21.07.18	IV	Dr. G. Kanthimathi	
2.	III ECE A	23.07.18	II	Dr. G. Kanthimathi	

HOD 19/7/18

Copies to:

Department HOD
Class Advisor
File

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

Submitted to the Principal

Date: 19.03.2018

Respected Sir,

As per the guidelines of Anna University, we have conducted Project Review - II for the course EC6811- Project Work to our VIII Semester Electronics and Communication Engineering students on 15.03.2018 (Thursday) & 16.03.2018 (Friday). To improve the quality of assessment process for this course, we have invited the technical experts from M/s. Entuple Technology, Bangalore and M/s. Teknia Technology, Coimbatore. The following are the expenses involved in conducting the Project Review.
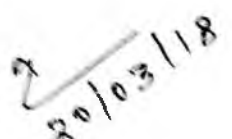
S. No.	Name of the Expert / Designation	Date of Visit for Review	Amount (Rs.)	Total Amount (Rs.)
1.	Mr.Baranidaran, AE Manager - Technical, Entuple Technology, Bangalore.	15.03.2018	Honorarium - Rs.5000 Travel Expenditure- Rs.2500	7,500/-
2.	Mr.R.S.Rajendran, Team Lead-Projects, Teknia Technology, Coimbatore.	16.03.2018	Honorarium - Rs.5000 Travel Expenditure- Rs.2500	7,500/-
			Total	15,000/-

Amount received from College   : Rs.15,000/-

Total Expenses   : Rs.15,000/-

Project Co-ordinator(s)   HOD Incharge/ECE   DGM/Admin

Principal

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Date: 13.03.2018

Submitted to the Principal
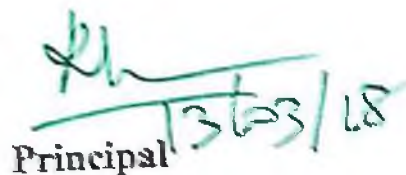
Respected Sir,

We are conducting Project Review – II for the course EC6811- Project Work to our VIII Semester Electronics and Communication Engineering students on 15.03.2018 (Thursday) & 16.03.2018 (Friday). To improve the quality of assessment process for this course, we have invited the technical experts from M/s. Enruple Technology, Bangalore and M/s. Teknia Technology, Coimbatore. In this regard, we kindly request you to direct the concerned to provide Food, Accommodation and Transport for the following experts.

Industrial Experts:

1. Mr.R.Baranidaran, AE Manager - Technical, Enruple Technology, Bangalore.
2. Mr.R.S.Rajendran, Team Lead-Projects, Teknia Technology, Coimbatore.

Project Co-ordinator(s)

HOD/Incharge

Principal

RAMCO INSTITUTE OF TECHNOLOGY

TÜVRheinland
CERTIFIED
ISO 9001:2015
ID 8100033093

10.03.2018

To

Mr.Baranidaran,
AE Manager – Technical,
Entuple Technology,
Bangalore.

Sir,

Sub: Invitation - Technical Expert from Industry – to review and evaluate the
Progress of the Project – VIII Semester B.E. Electronics and Communication
Engineering – Academic Year 2017-18 – reg.

As per the guidelines given by the Anna University, we have constituted a project review committee for this academic year 2017-18 to evaluate the progress of the Project Work (EC6811) carried out by the VIII Semester B.E. Electronics and Communication Engineering students. To enrich the project assessment process, we have planned to invite industrial experts for project review from this academic year onwards. In this regard, we invite you on 15.03.2018 (Thursday) as one of the technical experts from industry for conducting project review-II. We will provide the following facilities to the Experts, such as accommodation in our Hostel Guest Room, Second A/C Train fare (to and fro) from your place to our Institute, local travel arrangements, Honorarium as per our Institution norms.

Thanking you,

Yours faithfully,

10/3/18
Dr.S.Periyanayagi
HOD/ECE

Dr.R.V.Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY
(Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai)
An ISO 9001:2015 certified Institution

TÜVRheinland
CERTIFIED
ISO 9001:2015
ID 9104632593

10.03.2018

To

    Mr.R.S.Rajendran,
    Team Lead - Projects,
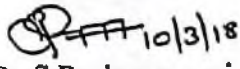   Teknia Technology,
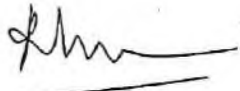   Coimbatore.

Sir,

    Sub: Invitation - Technical Expert from Industry – to review and evaluate the
        Progress of the Project – VIII Semester B.E. Electronics and Communication
        Engineering – Academic Year 2017-18 – reg.

    As per the guidelines given by the Anna University, we have constituted a project
review committee for this academic year 2017-18 to evaluate the progress of the Project
Work (EC6811) carried out by the VIII Semester B.E. Electronics and Communication
Engineering students. To enrich the project assessment process, we have planned to invite
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accommodation in our Hostel Guest Room, Second A/C Train fare (to and fro) from your
place to our Institute, local travel arrangements, Honorarium as per our Institution norms.

Thanking you,

Yours faithfully,

10/3/18

Dr.S.Periyanayagi
HOD/ECE

Dr.R.V.Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

Cash Voucher

15.03.2018

Received with thanks from M/s. Ramco Institute of Technology, Rajapalayam a sum of Rs.2500/- (Rupees Two Thousand Five Hundred only) by cash for **Travelling Allowance** for Assessment of Project Review - II of final year Electronics and Communication Engineering students on 15.03.2018.

Mr.R.Baranidaran,
AE Manager – Technical,
M/s. Entuple Technology,
Bangalore.

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

Cash Voucher   15.03.2018

Received with thanks from M/s. Ramco Institute of Technology, Rajapalayam a sum of Rs.5000/- (Rupees Five Thousand only) by cash for **Honorarium** for Assessment of Project Review - II of final year Electronics and Communication Engineering students on 15.03.2018.

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AE Manager – Technical,
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RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

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Mr.R.S.Rajendran,
Team Lead- Projects,
M/s. Teknia Technology,
Coimbatore.

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

Cash Voucher   **16.03.2018**

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Mr.R.S.Rajendran,

Team Lead- Projects,

M/s. Teknia Technology,

Coimbatore.

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: A Smart Conference Hall Surveillance System using IOT

Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106056	PADMA SRI SWEDHA M	Dr.B.Deepa Lakshmi
2.	953614106098	SYNDIA PRIYADARSHINI B	
3.	953614106104	VELA ISWARYA K	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	6	7	6	
Identification of alternate solutions	6	7	7	
Problem Solving approach	7	6	7	
Progress of work	7	7	6	
Modern tools: Technical issues and Technology	7	6	6	
Social relevance	6	6	6	
Impact on environmental consideration during development of project	6	6	7	
Commitment to Professional ethics	7	7	6	
Team work – Team morale and cohesiveness	6	7	6	
Oral and written communication	6	6	6	
Total				

Project Review Comments

1. Concepts are ok.
2. Some changes like Exit, Entry, Count on No. of people entrered, turning on the light to be done.

Signature of Review Committee Member with date

15/3/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: High Speed Multiplier Design using Binary Counter based on Symmetric Stacking

Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106060	PIRUTHIKA K	
2.	953614106061	PONNI V	Mr.S.Vijaya Kumar
3.	953614106083	SELVA PRIYA DHARSHINI U M	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	6	6	6	
Identification of alternate solutions	5	6	6	
Problem Solving approach	6	5	6	
Progress of work	7	6	7	
Modern tools: Technical issues and Technology	6	7	6	
Social relevance	7	6	7	
Impact on environmental consideration during development of project	7	6	6	
Commitment to Professional ethics	6	5	5	
Team work – Team morale and cohesiveness	5	5	5	
Oral and written communication	6	6	6	
Total				

Project Review Comments

1. Concept is not clear
2. Reports of analysis to be generated.

Signature of Review Committee Member with date

15/3/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: Implementation of Arithmetic Computation using Vedic Algorithm

Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106062	PRADEEPA R	
2.	953614106077	SARANYA S	Dr.B.Deepa Lakshmi
3.	953614106069	RAJALAKSHMI N	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	4	6	7	
Identification of alternate solutions	3	7	6	
Problem Solving approach	3	6	7	
Progress of work	4	6	7	
Modern tools: Technical issues and Technology	4	7	6	
Social relevance	3	7	6	
Impact on environmental consideration during development of project	3	6	7	
Commitment to Professional ethics	3	6	7	
Team work – Team morale and cohesiveness	2	8	8	
Oral and written communication	A	7	8	
Total				

Project Review Comments

1. FPGA Design Flow to be learnt.

Signature of Review Committee Member with date

15/3/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: Surveillance System for Pond Water Quality using IOT
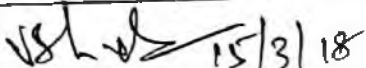
Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106063	PRATHIBHA J	
2.	953614106073	SANDHYA C	Mr.V.Rajesh
3.	953614106314	VASANTHI T	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	5	5	4	
Identification of alternate solutions	4	4	4	
Problem Solving approach	5	5	5	
Progress of work				
Modern tools: Technical issues and Technology	6	6	6	
Social relevance	6	7	5	
Impact on environmental consideration during development of project	5	5	5	
Commitment to Professional ethics	4	4	3	
Team work – Team morale and cohesiveness	5	4	4	
Oral and written communication	5	5	5	
Total				

Project Review Comments

1. Basics are not clean
2. Lagging in th concepts and some fundamentals.
3 Need to put more effort.

Signature of Review Committee Member with date

V.R. 1.3/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: VLSI Computational Architecture for Arithmetic Cosine Transform

Project Group details:

SLNo.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106068	PUSPAVALLI S	Mr.A.Azhagu Jaisudhan Pazhani
2.	953614106071	RASHMICA T S	
3.	953614106088	SIVA RANJANI S	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	6	7	7	
Identification of alternate solutions	7	6	7	
Problem Solving approach	6	7	7	
Progress of work	6	6	6	
Modern tools: Technical issues and Technology	6	5	5	
Social relevance	7	7	7	
Impact on environmental consideration during development of project	7	7	6	
Commitment to Professional ethics	6	6	7	
Team work – Team morale and cohesiveness	7	7	7	
Oral and written communication	6	5	6	
Total				

Project Review Comments

· To go through the Design Flow Steps.

Signature of Review Committee Member with date

15|3|18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: Smart Home Automation for Monitoring pH and TDS Level in Aquarium and Purifier

Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106085	SHAMIMA M	
2.	953614106096	T.SUBHALAKSHMI	Mr.T.Ramprakash
3.	953614106309	MAHA LAKSHMI A	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	6	7	4	
Identification of alternate solutions	7	6	4	
Problem Solving approach	6	6	3	
Progress of work	7	7	4	
Modern tools: Technical issues and Technology	5	6	3	
Social relevance	6	6	3	
Impact on environmental consideration during development of project	6	6	4	
Commitment to Professional ethics	5	5	4	
Team work – Team morale and cohesiveness	6	6	4	
Oral and written communication	7	7	5	
Total				

Project Review Comments

1. Basics to be thorough
2. Preparation & effort is to be increased.

Signature of Review Committee Member with date

15/3/18

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017 – 2018

PROJECT ASSESSMENT FORM FOR REVIEW II OF INDUSTRIAL EXPERT

Project Title: Sensor Based Agricultural Application for Crop Monitoring

Project Group details:

Sl.No.	Register No.	Name(s) of the Student(s)	Name of the Supervisor
1.	953614106090	STEFY R	
2.	953614106100	UMA MAHESWARI M	Dr.S.Periyanayagi
3.	953614106101	UMA RANI V	

Assessment details:

Project Assessment Criteria	Project Group students			
	1	2	3	4
Application of engineering principles and concepts	6	6	6	
Identification of alternate solutions	6	6	5	
Problem Solving approach	7	7	6	
Progress of work	7	6	7	
Modern tools: Technical issues and Technology	7	6	6	
Social relevance	6	7	7	
Impact on environmental consideration during development of project	7	6	6	
Commitment to Professional ethics	6	6	6	
Team work – Team morale and cohesiveness	6	6	7	
Oral and written communication	6	7	6	
Total				

Project Review Comments

1. Some works are to be completed (like automatic update of PH & Moisture values in the APP)

Signature of Review Committee Member with date

15/3/18

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)

Department of ECE

Year/Semester : I/II Semester B.E. ECE A

SL No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	BE8254 Basic Electrical and Instrumentation Engineering	Dr.B.Deepa Lakshmi	8.48	8.40	8.15	8.35	8.37	8.35	8.31	25.00	83.40
2	EC8251 Circuit Analysis	Dr.K.Karthikeyan	9.75	9.58	9.00	9.37	9.67	9.58	9.62	29.29	95.85
3	EC8252 Electronic Devices	Mr.S.Vijayakumar	8.87	8.08	7.79	8.75	8.56	8.67	8.58	26.52	85.81
4	HS8251 Technical English	Mrs.K.Abilasha	9.12	9.12	8.65	9.17	8.79	8.85	9.29	27.35	90.33
5	MA8251 Engineering Mathematics – II	Dr.T.Manimaran	9.38	9.00	8.96	9.10	8.92	9.23	9.02	27.69	91.31
6	PH8253 Physics for Electronics Engineering	Mr.N.Karthikeyan	9.37	9.29	9.31	9.27	9.58	9.52	9.37	28.40	94.10

Class Adviser   20/3/18

HOD/Incharge   20/3/18

PRINCIPAL   /3/18

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : I/II Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	BE8254 Basic Electrical and Instrumentation Engineering	Dr.B.Deepa Lakshmi	8.65	8.76	8.73	8.65	9.02	9.00	8.86	26.22	87.88
2	EC8251 Circuit Analysis	Dr.K.Karthikeyan	9.72	9.72	9.19	9.57	9.80	9.74	9.78	29.26	96.78
3	EC8252 Electronic Devices	Mr.S.Vijayakumar	9.40	9.00	8.85	9.35	9.00	9.40	9.37	27.98	92.35
4	HS8251 Technical English	Mrs.K.Abilasha	9.28	9.26	9.12	9.30	9.38	9.42	9.44	28.18	93.38
5	MA8251 Engineering Mathematics – II	Dr.T.Manimaran	9.47	9.43	9.00	9.02	9.20	9.39	9.16	28.14	92.80
6	PH8253 Physics for Electronics Engineering	Mr.N.Karthikeyan	9.43	9.33	9.20	9.47	9.47	9.57	9.57	28.41	94.45

Class Adviser   27/4/18

HOD/Incharge   30/4/18

PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : I/II Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	BE8254 Basic Electrical and Instrumentation Engineering	Mr.G.Sivakumar	7.74	6.86	7.62	6.96	7.20	8.10	8.28	24.86	77.62
2	EC8251 Circuit Analysis	Dr.K.Karthikeyan	9.26	8.80	6.92	7.60	8.70	8.10	8.60	27.30	85.28
3	EC8252 Electronic Devices	Mr.T.Ramprakash	9.48	9.46	9.32	9.60	9.52	8.56	9.24	28.00	93.18
4	HS8251 Technical English	Mr.M.Anish Alfred Vaz	9.76	9.64	8.70	9.70	9.70	9.40	9.68	29.04	95.62
5	MA8251 Engineering Mathematics – II	Mr.K.Subramanian	9.06	8.78	6.60	8.24	8.70	8.66	8.48	25.60	84.12
6	PH8253 Physics for Electronics Engineering	Mrs.A.Anusuya	7.84	7.20	5.73	7.22	7.51	7.92	7.14	21.71	72.25

Class Adviser

HOD/Incharge

PRINCIPAL

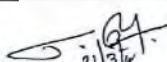Form No. AC 17c

Rev.No. 00

Effective Date: 18.01.2016

RAMCO INSTITUTE OF TECHNOLOGY
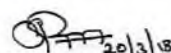## CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
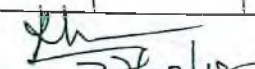### Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : I/II Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	BE8254 Basic Electrical and Instrumentation Engineering	Mr.G.Sivakumar	8.35	7.71	8.33	8.10	7.52	8.33	8.40	25.42	82.15
2	EC8251 Circuit Analysis	Dr.K.Karthikeyan	9.19	8.75	6.51	8.15	9.04	9.02	8.72	27.09	86.47
3	EC8252 Electronic Devices	Mr.T.Ramprakash	9.50	9.44	9.56	9.44	9.35	8.87	9.23	27.40	92.79
4	HS8251 Technical English	Mr.M.Anish Alfred Vaz	9.56	9.50	8.35	9.31	9.13	9.29	9.40	28.54	93.08
5	MA8251 Engineering Mathematics – II	Mr.K.Subramanian	8.50	8.23	6.21	8.15	7.52	8.25	8.00	24.27	79.13
6	PH8253 Physics for Electronics Engineering	Mrs.A.Anusuya	7.71	7.65	6.58	7.44	7.42	7.67	7.54	21.65	73.67

Class Adviser   HOD/Incharge   PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : II/IV Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	EC6401 Electronic Circuits II	Mr.A.Azhagu Jaisudhan Pazhani	8.47	8.13	7.45	8.19	8.17	8.23	8.15	23.70	80.49
2	EC6402 Communication Theory	Mr.K.Ragavan	8.40	8.00	7.69	8.40	7.76	8.42	8.20	24.69	81.56
3	EC6403 Electromagnetic Fields	Mrs.M.Sangeetha	9.04	8.92	7.87	8.98	9.06	9.02	8.92	27.11	88.92
4	EC6404 Linear Integrated Circuits	Ms.R.Divya	8.60	8.34	7.68	8.34	8.13	8.64	8.64	26.00	84.38
5	EC6405 Control System Engineering	Dr.B.Deepa Lakshmi	8.69	8.50	7.85	8.48	8.46	8.42	8.25	25.15	83.81
6	MA6451 Probability and Random Process	Dr.L.Sathikala	9.48	9.12	8.71	9.35	9.04	9.25	9.12	27.50	91.56

Class Adviser   HOD/Incharge   PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : II/IV Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	EC6401 Electronic Circuits II	Mr.A.Azhagu Jaisudhan Pazhani	8.90	8.78	8.51	8.76	8.76	8.63	8.33	25.63	86.31
2	EC6402 Communication Theory	Mr.K.Ragavan	9.20	9.10	8.76	8.73	8.84	9.35	8.96	26.84	89.78
3	EC6403 Electromagnetic Fields	Mrs.M.Sangeetha	9.73	9.67	9.49	9.71	9.75	9.75	9.69	29.02	96.78
4	EC6404 Linear Integrated Circuits	Ms.R.Divya	9.63	9.47	9.43	9.45	9.43	9.43	9.39	28.37	94.61
5	EC6405 Control System Engineering	Dr.B.Deepa Lakshmi	9.20	8.98	8.84	9.04	9.20	9.08	9.10	26.71	90.14
6	MA6451 Probability and Random Process	Dr.L.Sathikala	9.75	9.69	9.57	9.69	9.69	9.67	9.73	29.18	96.94

Class Adviser   HOD/Incharge   PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : II/IV Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	EC6401 Electronic Circuits II	Mrs.R.Chitra	9.04	8.63	7.78	8.63	8.67	8.92	8.88	27.06	87.61
2	EC6402 Communication Theory	Dr.S.Periyanayagi	8.98	8.81	7.02	8.33	8.85	8.40	8.58	23.83	82.79
3	EC6403 Electromagnetic Fields	Ms.R.Divya	9.06	8.84	8.00	8.61	8.90	9.06	8.82	27.33	88.63
4	EC6404 Linear Integrated Circuits	Mr.S.Vijayakumar	9.00	8.63	7.86	8.86	8.63	8.96	8.98	27.63	88.55
5	EC6405 Control System Engineering	Mr.B.Kannan	9.54	9.54	8.90	9.37	9.56	9.65	9.54	28.90	95.00
6	MA6451 Probability and Random Process	Dr.T.Manimaran	8.47	8.45	7.49	8.04	8.41	8.86	8.59	26.35	84.67

V. Sivampa Nachiyar
6/2/18
Class Adviser

5/2/18
HOD/Incharge

06/02/18
PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : II/IV Semester B.E, ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and Just (10) Time Management (10)	Total (100)
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1	EC6401 Electronic Circuits II	Mrs.R.Chitra	8.81	8.71	8.25	8.69	8.67	8.92	8.87	26.75	87.67
2	EC6402 Communication Theory	Dr.S.Periyanayagi	8.24	8.37	7.07	7.78	7.96	8.17	8.00	23.69	79.28
3	EC6403 Electromagnetic Fields	Ms.R.Divya	9.10	9.04	8.54	8.90	9.02	9.19	8.96	27.33	90.08
4	EC6404 Linear Integrated Circuits	Mr.S.Vijayakumar	9.19	8.71	8.10	9.06	8.88	8.94	8.81	26.71	88.40
5	EC6405 Control System Engineering	Mr.B.Kannan	9.49	9.42	8.98	9.36	9.57	9.49	9.51	28.68	94.49
6	MA6451 Probability and Random Process	Dr.T.Manimaran	8.57	8.45	7.87	8.43	8.40	8.51	8.45	25.83	84.51

V. Sriram Narasimjan
20/3/18
Class Adviser

20/3/18
HOD/Incharge

27/03/18
PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : III/VI Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	CS6303 Computer Architecture	Ms.J.Sabthami	8.90	8.83	8.31	8.77	8.85	9.04	9.02	26.71	88.42
2	CS6551 Computer Networks	Ms.G.Mahalakshmi	8.91	8.83	8.06	8.48	9.06	8.80	8.98	26.61	87.72
3	EC6001 Medical Electronics	Mrs.V.SrirengaNachiyar	8.92	8.81	8.83	8.89	8.98	8.89	9.00	26.89	89.21
4	EC6601 VLSI Design	Mr.A.Azhagu Jaisudhan Pazhani	8.31	8.07	7.65	8.11	8.41	8.11	8.09	24.28	81.04
5	EC6602 Antenna and Wave Propagation	Mrs.R.Ramalakshmi	8.42	8.42	8.23	8.57	8.58	8.64	8.75	26.28	85.89
6	MG6851 Principles of Management	Mr.R.Arun Kumar	9.47	9.53	9.22	9.57	9.43	9.43	9.47	28.37	94.49

Class Adviser   HOD/Incharge   PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : III/VI Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	CS6303 Computer Architecture	Ms.J.Sabthami	8.90	8.83	8.31	8.77	8.85	9.04	9.02	26.71	88.42
2	CS6551 Computer Networks	Ms.G.Mahalakshmi	8.91	8.83	8.06	8.48	9.06	8.80	8.98	26.61	87.72
3	EC6001 Medical Electronics	Mrs.V.SrirengaNachiyar	8.92	8.81	8.83	8.89	8.98	8.89	9.00	26.89	89.21
4	EC6601 VLSI Design	Mr.A.Azhagu Jaisudhan Pazhani	8.31	8.07	7.65	8.11	8.41	8.11	8.09	24.28	81.04
5	EC6602 Antenna and Wave Propagation	Mrs.R.Ramalakshmi	8.42	8.42	8.23	8.57	8.58	8.64	8.75	26.28	85.89
6	MG6851 Principles of Management	Mr.R.Arun Kumar	9.47	9.53	9.22	9.57	9.43	9.43	9.47	28.37	94.49

Class Adviser   HOD/Incharge   PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE
Year/Semester : III/VI Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
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1	CS6303 Computer Architecture	Ms.J.Sabthami	8.47	8.36	8.17	8.40	8.51	8.57	8.36	24.87	83.70
2	CS6551 Computer Networks	Mrs.B.Vijayalakshmi	8.38	8.11	7.91	7.94	8.21	8.38	8.36	24.91	82.19
3	EC6001 Medical Electronics	Mr.A.Rameshbabu	9.56	9.58	9.65	9.48	9.35	9.54	9.60	28.85	95.60
4	EC6601 VLSI Design	Mrs.R.Chitra	8.98	8.79	8.42	8.70	8.96	8.83	8.91	25.96	87.55
5	EC6602 Antenna and Wave Propagation	Mr.D.Gopinath	8.58	8.73	8.60	8.92	8.85	8.98	8.94	27.06	88.65
6	MG6851 Principles of Management	Mr.K.Amudhan	9.27	9.15	9.21	9.31	9.29	9.02	9.10	28.00	92.35

Class Adviser   HOD/Incharge   PRINCIPAL

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RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : III/VI Semester B.E. ECE B

SL No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	CS6303 Computer Architecture	Ms.J.Sabthami	8.04	7.74	6.93	7.41	7.72	7.41	7.50	22.72	75.46
2	CS6551 Computer Networks	Mrs.B.Vijayalakshmi	8.24	7.57	7.37	7.72	7.83	8.04	8.00	24.85	79.63
3	EC6001 Medical Electronics	Mr.A.Rameshbabu	9.27	9.08	9.16	9.04	8.69	9.10	9.22	27.96	91.51
4	EC6601 VLSI Design	Mrs.R.Chitra	8.73	8.35	7.73	8.35	8.23	8.54	8.33	25.69	83.94
5	EC6602 Antenna and Wave Propagation	Mr.D.Gopinath	8.28	8.00	7.53	8.08	7.98	8.11	8.15	24.68	80.81
6	MG6851 Principles of Management	Mr.K.Amudhan	9.25	9.06	9.14	9.31	9.22	9.22	9.04	27.55	91.78

5/2/18
Class Adviser

5/2/18
HOD/Incharge

06/02/18
PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : IV/VIII Semester B.E. ECE A

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	EC6801 Wireless Communication	Mr.D.Gopinath	9.13	9.12	8.94	9.12	8.96	9.17	9.13	27.52	91.10
2	EC6802 Wireless Networks	Mr.P.Gunasekaran	8.96	8.98	8.92	9.00	8.87	8.90	8.98	26.81	89.42
3	GE6075 Professional Ethics in Engineering	Mrs.V.SrirengaNachiyar	8.54	8.52	8.54	8.77	8.54	8.71	8.77	26.04	86.42
4	GE6757 Total Quality Management	Mr.G.Prabu Ram	9.83	9.71	9.69	9.63	9.75	9.65	9.75	29.21	97.23

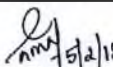Class Adviser   HOD/Incharge   PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
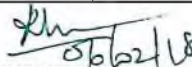### Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : IV/VIII Semester B.E. ECE A

SL No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery – whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	EC6801 Wireless Communication	Mr.D.Gopinath	8.58	8.67	8.69	8.84	8.73	8.95	8.71	26.89	88.05
2	EC6802 Wireless Networks	Mr.P.Gunasekaran	8.72	8.47	8.55	8.49	8.58	8.60	8.47	25.74	85.62
3	GE6075 Professional Ethics in Engineering	Mrs.V.SrirengaNachiyar	8.96	8.82	8.98	9.04	9.04	8.96	9.15	27.40	90.35
4	GE6757 Total Quality Management	Mr.G.Prabu Ram	9.30	9.34	9.28	9.34	9.42	9.30	9.26	28.19	93.43

Class Adviser 20/3/18

HOD/Incharge 20/3/18

PRINCIPAL 23/03/18

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : IV/VIII Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	EC6801 Wireless Communication	Mrs.R.Ramalakshmi	9.28	9.05	9.05	9.21	9.34	9.48	9.38	28.29	93.09
2	EC6802 Wireless Networks	Mr.K.Ragavan	9.58	9.46	9.25	9.49	9.59	9.56	9.66	29.10	95.69
3	GE6075 Professional Ethics in Engineering	Mr.V.Rajesh	9.73	9.75	9.81	9.83	9.83	9.68	9.68	29.05	97.36
4	GE6757 Total Quality Management	Mr.K.Vigneshwaran	9.79	9.72	9.86	9.81	9.72	9.84	9.88	29.46	98.07

Class Adviser   HOD/Incharge   PRINCIPAL

Form No. AC 17c   Rev.No. 00   Effective Date: 18.01.2016

RAMCO INSTITUTE OF TECHNOLOGY
CONSOLIDATED DETAILS OF STUDENTS FEEDBACK
Academic Year: 2017-2018(Even Semester)
Department of ECE

Year/Semester : IV/VIII Semester B.E. ECE B

Sl. No	Name of the Subject	Faculty Handled	Teaching Effectiveness (40)				Maturity Level (30)			Integrity (honesty) and Impartiality (10) Fairness and just (10) Time Management (10)	Total (100)
			Level of preparedness (whether adequately prepared for class or not) (10)	Classroom delivery - whether by reading or interactive communication (use of analogies, examples) (10)	Use of training aids like models, charts, video, animated computer graphics, presentations, effective board work, etc. (10)	Syllabus coverage, teaching content beyond syllabus, guiding students in curricular and co-curricular activities (10)	Ease of maintenance of order/ Class control (without threatening or punishment) (10)	Involvement in Internal Assessment (fair/partial, whether casual or involved fully in marking with corrective remarks) (10)	Intellectual stature (commands respect of students by intellectual and maturity levels) (10)		
1	EC6801 Wireless Communication	Mrs.R.Ramalakshmi	9.09	9.09	9.00	9.28	9.49	9.58	9.46	28.56	93.54
2	EC6802 Wireless Networks	Mr.K.Ragavan	9.34	9.31	9.02	9.33	9.43	9.48	9.50	28.31	93.72
3	GE6075 Professional Ethics in Engineering	Mr.V.Rajesh	9.62	9.57	9.74	9.74	9.71	9.62	9.62	28.91	96.53
4	GE6757 Total Quality Management	Mr.K.Vigneshwaran	9.61	9.61	9.75	9.72	9.58	9.65	9.70	29.05	96.68

Class Adviser   **HOD/Incharge**   **PRINCIPAL**

Form No. AC 17c   Rev.No. 00   Effective Date: 18.01.2016

1/1

Ramco Institute of Technology

Department of Electronics and Communication Engineering

19.04.2016
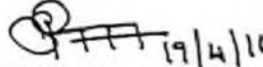
CIRCULAR

The Department of Electronics and Communication Engineering has planned to organize a guest Lecture

Topic   :   **Internet of Things**

Guest   :   **Mr.Prasanna Shankar,**
Academic Programme Manager,
ANSYS,
Bangalore.

Venue   :   **ECE Seminar Hall**
Date   :   **20.04.2016**
Time   :   **3.30 P.M – 5.00 P.M**

Here by the students belong to III year B.E ECE and III year B.E CSE students are informed to attend the programme.

Programme Co-ordinator   **HOD /Incharge**   **Principal**

To

Circulate among faculty members, III year ECE and III year CSE Students for information

The Department of Electronics and Communication Engineering of Ramco Institute of Technology has organized the guest lecture on Internet of things on 20.04.2016 at 04.00pm in the ECE seminar hall.

Dr.S.Periyanayagi,(HOD Incharge / ECE department) formally welcomed all the dignitaries on the dais, staff members and students of ECE department.

The Chief Guest, Mr. Prasanna Shankar, Academic Program Manager, ANSYS, Bangalore, was honoured by Dr.S.Periyanayagi,(Head Incharge/ECE department).

Ms. T.S.Rashmica, II year ECE B section, introduced the chief guest to the audience.

Mr. Prasanna Shankar, Academic Program Manager, ANSYS, Bangalore, delivered the role of Internet of Things and he described the impact of IOT in upcoming years.

A Guest Lecture by Mr. Prasanna Shankar, Academic Program Manager, ANSYS, Bangalore on "Simulation Driven Product Development using IoT" was delivered on April 20th, 2016 for the students of B.E. III year ECE and III year CSE.

He initiated his lecture session with overview of IoT (Internet of Things) and his was emphasis more on applications in area of IoT. The session was made interactive by thought provoking questions posed by Mr. Prasanna Shankar to the student audience. For which convincing answers were given by the student audience.

At the end, Ms. J.Taj Din Irfana, III year ECE proposed the vote of thanks. She thanked the invited guests for gracing the occasion by their solemn presence and to all the volunteers.

---The function ended with National Anthem---

RAMCO INSTITUTE OF TECHNOLOGY

RAJAPALAYAM

STATE LEVEL TECHNICAL SYMPOSIUM (TECHYUGA'17)

Department of Electronics and Communication Engineering

Event : Workshop on "Python for Embedded Systems"

Faculty Coordinator : Mr.D.Gopinath,AP/ECE

Student Coordinators : Ms.M.Mukila,III year ECE A

Mr.A.Vairavan, III year ECE B

Mr.K.Vasu Vinod Kannan,III year ECE B

Student Joint Coordinators : Mr.R.Arun Kumar, II year ECE A

Ms.R.SivaSankari, II year ECE B

Description:

" A Popular knowledge sharing platform, bulit over Python"
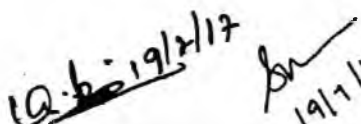
The C/C++ programming languages dominate embedded systems programming, though they have a number of disadvantages. Python, on the other hand, has many strengths that make it a great language for embedded system.

Python is an interpreted language. Python become one of the most popular open source programming languages. All Python releases are open source and freely usable and distributable, even for commercial projects.

Registration fee: Rs.300 per participant.

Registration: Online/On spot.

Event Faculty Coordinator   **Department Faculty Coordinator**   **HOD/Incharge**

RAMCO INSTITUTE OF TECHNOLOGY
TECHYUGA' 17
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10.08.17

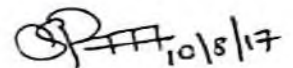**Submitted to the Principal**

Respected Sir,

Sub: Requesting permission to conduct workshop on 'Python for Embedded systems'– During TECHYUGA'17 and collecting money from participants- reg.

We are planning to organize a workshop on **"Python for Embedded systems"** during "TECHYUGA'17" on 13.08.17.

In this regard, we have discussed with one of the leading training provider namely **M/s. Enthu Technology Solutions India Pvt. Ltd., Coimbatore**. They have accepted to conduct workshop in our campus for the amount of Rs.250/- per participant. The payment mode is by cash. They will depute three trainers for conducting the workshop.

We are planning to conduct this workshop in Digital Signal Processing Lab. We expect around 70 (External + Internal) participants for this course.

Hereby we request you to kindly grant permission to conduct this workshop during "TECHYUGA'17", on 13.08.2017 and to collect the course fee of Rs.300/- per participant. Your kind approval is requested in this regard.
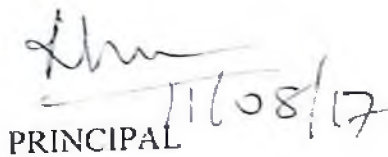

Workshop Coordinator   Department Coordinator   HOD-Incharge/ECE

PRINCIPAL

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHYUGA '17

ONE DAYWORKSHOP

ON"PYTHON FOR EMBEDDED SYSTEMS" – 13th August 2017

The Department of Electronics and Communication Engineering organized One day Workshop on "Python for Embedded systems". The programme started with the prayer song.

Welcome to Python – my first program

print" Welcome to Python "

Or

print' Welcome to Python '

Colour	Python Item
Red	comments
Orange	Python Keywords
Green	String literals
Blue	Defined names(function,classes)
Violet	Built-in function
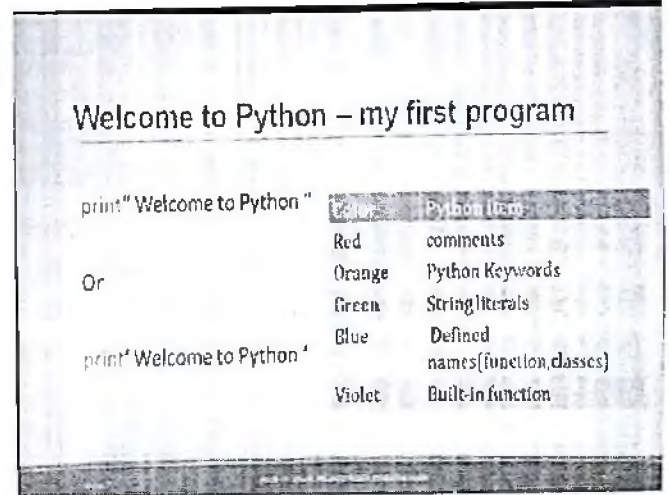
Ms. S.Yaswandra, III Year ECE formally welcomed the gathering

Ms.S.Vivithaguru, II Year ECE gave a brief introduction about the chief guest, Mr.Moorthy Kanagaraj, Product Manager, M/s.Enthu Technology Solutions India Pvt. Ltd., Coimbatore.

The chief guest inaugurated the workshop and delivered the role and importance of Python for Embedded systems and motivated the participants.

A view of the audience during lecture session.

The hands on training was handled by Mr.MoorthyKangaraj, Product Manager, M/s.Enthu Technology Solutions India Pvt. Ltd., Coimbatore.

The valedictory session was started with feedback from participants. The chief guest distributed the certificates to the participants from various Institutions.

RAMCO INSTITUTE OF TECHNOLOGY
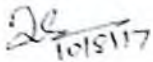
TECHYUGA' 17

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10.08.17
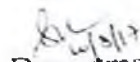
Submitted to the Principal

Respected Sir,

We are organizing Technical Symposium TECHYUGA'17 on 12.08.17 and 13.08.17. During the symposium, our department has planned to organize a workshop on "Python for Embedded systems" on 13.08.17 for the participants. Three trainers from "Enthu Technologies Ltd., Coimbatore" are coming to our college for conducting the workshop. We kindly request you to grant permission to provide food and accommodation for the trainers in our Boy's hostel.

Workshop Coordinator

Department Coordinator

HOD-Incharge/ECE

PRINCIPAL
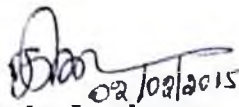
RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SCHEDULE FOR INDUSTRIAL VISIT

02.02.2015

The Department of ECE Association (RIT-ELECTRONICA) has arranged an Industrial Visit to "ISRO - Vikram Sarabhai Space Centre, Thiruvananthapuram" on 06.02.2015 (Friday) for II year ECE students.

Itinerary

Date	Time	Activities
06.02.15	04.00 AM	Start from RIT Campus
	08.30 AM	Breakfast
	11.30 AM	Visit ISRO 0471- 2564292
	01.30 PM	Lunch
	02.30 PM	Veli Tourist Spot and Napier museum
	04.00 PM	Start from Thiruvananthapuram
	07.30 PM	Dinner
	09.30 PM	Reach RIT Campus

Faculty In-charge
02/02/2015

HOD/Incharge
2/2/15

PRINCIPAL
02/2/15

IMPORTANT INSTRUCTIONS

Visitors holding valid entry pass only will be allowed inside Space Museum. Entry passes can be obtained on request from Administrative Officer, Public Relations, VSSC. Request should contain information like visitors' name, age, address, occupation etc. Requests for passes may be sent well in advance directly by ordinary post or Speed post. There is **NO ENTRY FEE** to visit VSSC Space Museum.

Visitors of Foreign Nations should obtain the Special entry permit directly from Public Relations, subject to the approval of the Director, VSSC.

Space Museum visitors are requested to enter / exit through **Canal Gate** near Stationkadavu only. Limited number of vehicles may be allowed up to Space Museum. Mobile phones, Cameras, CDs, Floppies or other Electronic Gadgets etc. are **strictly prohibited** inside the campus.

A visit to Space Museum will take more than one hour. Entry will be allowed from 09:30 hrs to 15:30 hrs on all VSSC working days and Saturdays. There will be regular film shows on all days. Special shows will be arranged for groups with not less than 40 visitors, if required.

VSSC will not be responsible for any loss / damage or accident to the visitors during their visit to VSSC or to any of its facilities or while launching of rockets.

For further details and entry passes, please contact :

Administrative Officer,
Public Relations,
VSSC, ISRO P.O
Thiruvananthapuram 695 022

Telephone Numbers	
Public Relations	: 0471-2564292, 2565649
Space Museum	: 0471-2562275, 2562717
Fax	: 0471-2564060

Government of India
Department of Space
Vikram Sarabhai Space Centre
Thiruvananthapuram - 695 022

SPACE MUSEUM / WITNESSING ROCKET LAUNCH
(Entry through Canal Gate)

Pass No. 2015/0319   Date: 06-02-2015

Name: MR. K. RAGHAVAN + 68 PERSONS

Address: RAMCO INSTITUTE OF TECHNOLOGY
RAJAPALAYAM
TAMIL NADU

No. of Persons: 69 PERSONS

Vehicle No if any: WITH VEHICLE TN67 A7 - 7277

Date of visit: 06-02-2015

Holder's signature:

(Seal)

Administrative Officer
Public Relations
सहायक जनसंपर्क अधिकारी
Assistant PR/PGA-VSSC

Can be retained by the visitor

Visitors pass
Timing: 09.30 Hrs to 15.30 Hrs
Phone: 2562275 / 2562717

Sri Ramco Spinners

A Division of Ramco Industries Limited,

P.B. No. 127,
Krishnapuram Road,
(Off : P.A.C. Ramasamy Raja Salai)
RAJAPALAYAM- 626 117. INDIA

Tel   235018, 235053
Fax   91 - 4563 - 236898
E-Mail srs@ramcotex.com
          newwork12k2@bsnl.in

TIN No   33240741767
CST No. 791158 / 21-10-65

To

Ref No. 5494
Dated 28th Jan'15

The Principal,
Ramco Institute of Technology,
RAJAPALAYAM – 626 117.

Sir,

Sub:105 Students of B.E. Electronics & Communication – Industrial Visit – Reg.

Ref: Your Letter No.Nil dated 13th Jan'15

****

With reference to the above, we permit 105 students of B.E. in Electronics and Communication to undergo Industrial Visit at our Mill premises on 7th Feb'2015 Saturday from 2.30 p.m. to 5.00 p.m.

Thanking you,

Yours faithfully

For SRI RAMCO SPINNERS
(A Divn. of Ramco Industries Ltd.)

(D. RAVIRAJA)
General Manager (Works)

HOD(iii) - ECE

31/01/15

105 Students of BE Elec & Comm. of RIT has been attended Industrial Visit at our unit on 7/2/15 between 2.30pm to 4.30pm

For SRI RAMCO SPINNERS
(A Divn. of Ramco Industries Ltd.)

(S. KANDASAMY)
Jr. Manager - HR.

COURSE
CERTIFICATE

06/24/2018

Athsal Joy Issac

has successfully completed

Introduction to Structured Query Language (SQL)

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance
Clinical Associate Professor, School of Information
University of Michigan

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

05/08/2018

Sathish S

has successfully completed

Building Web Applications in PHP

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance
Clinical Associate Professor, School of Information
University of Michigan

VERIFIED
CERTIFICATE *of* ACHIEVEMENT

香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Ting-Chuen Pong
Professor, Department of Computer Science and Engineering
The Hong Kong University of Science and Technology

This is to certify that

Sathish S

successfully completed and received a passing grade in

COMP102.1x: Introduction to Java Programming - Part 1

a course of study offered by HKUSTx, an online learning initiative of The Hong Kong University of Science and Technology through edX.

edX

VERIFIED CERTIFICATE
Issued March 19, 2018

VALID CERTIFICATE ID
eb19202c309841e0a04c2f6168af5098

#5,818,591

STATEMENT OF ACCOMPLISHMENT

HAS BEEN AWARDED TO

KEERTHANA UDAYA KUMAR

FOR SUCCESSFULLY COMPLETING

Intro to SQL for Data Science Course

DataCamp

Certificate of Completion

This is to certify that Harini Ravi successfully completed 1.5 hours of Hacking Academy: How to Monitor & Intercept Transmitted Data online course on April 16, 2018

IT Security Academy
_____
IT Security Academy, Instructor

Hacking School
_____
Hacking School, Instructor

&

Udemy

Certificate no: **UC-2U9KPX5Y**
Certificate url: **ude.my/UC-2U9KPX5Y**

#BeAble

VERIFIED
CERTIFICATE of ACHIEVEMENT

HarvardX

This is to certify that

SRIKANTH SRINIVASAN

successfully completed and received a passing grade in

PH125.1x: Data Science: R Basics

a course of study offered by HarvardX, an online learning initiative of Harvard University through edX.

Rafael Irizarry
Professor of Biostatistics
Harvard T.H. Chan School of Public Health

edX

VERIFIED CERTIFICATE
Issued January 30, 2018

VALID CERTIFICATE ID
f3346d8bb54c4e2092A3bb28b108e0c0

Duke
UNIVERSITY

COURSE CERTIFICATE

03/04/2018

Srikanth Srinivasan

has successfully completed
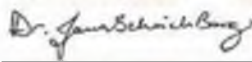
Managing Big Data with MySQL

an online non-credit course authorized by Duke University and offered through Coursera

coursera

Daniel Egger
Executive in Residence and Director,
Center for Quantitative Modeling
Pratt School of Engineering

Jana Schaich Borg
Assistant Research Professor
Social Science Research Institute

Verify at coursera.org/verify/RBR64QM7WQFX
Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

04/01/2018

VIJAYA MALINI A

has successfully completed

Introduction to Structured Query Language (SQL)

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance
Clinical Associate Professor, School of Information
University of Michigan

To

M.Kokila
Department of Electronics and Communication Engineering
Ramco Institute of Technology,
Rajapalayam-626 117,

Dear Ms.Kokila,

   Sub: Letter for Internship.

This is to inform that you have attended an Internship Program offered by Enthu Technology Solutions India Pvt Ltd-Coimbatore during 25-December-2017 to 24-March-2018 (3 Months) on Topic "Smart Health Monitoring system in intensive care unit using Bluetooth Low Energy technology and message queuing telemetry transport". During the Program our Trainers have observed your Skills on Python Programming were Excellent.

All the Best!
Thanks and Regards

Rathinasamy.K.S
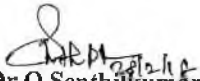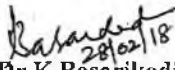Training Manager
ksr@enthutech.in

ENTHU TECHNOLOGY SOLUTIONS
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Ref: ETS/Internship/17-18/Mar/70   24-03-2018

To

J.B. Anu Selvamathi
Department of Electronics and Communication Engineering
Ramco Institute of Technology,
Rajapalayam-626 117.

Dear Ms.Anu Selvamathi,

Sub: Letter for Internship.

This is to inform that you have attended an Internship Program offered by Enthu Technology Solutions India Pvt Ltd-Coimbatore during 25th December 2017 on 24th March 2018 (3 Months) Topic **"Smart Health Monitoring system in intensive care unit using Bluetooth Low Energy technology and message queuing telemetry transport"**. During the Program our Trainers have observed your Skills on Python Programming were Excellent.

All the Best!
Thanks and Regards

Rathinasamy/K.S
Training Manager
ksr@enthutech.in

Ref: ETS/Internship/17-18/Mar/68   24-03-2018

To

V.Gobiya
Department of Electronics and Communication Engineering
RamcoInstitute of Technology,
Rajapalayam-626 117.

Dear Ms.Gobiya,

Sub: Letter for Internship.

This is to inform that you have attended an Internship Program offered by Enthu Technology Solutions India Pvt Ltd-Coimbatore during 25-December-2017 to 24-March-2018 (3 Months) on Topic **"Smart Health Monitoring system in intensive care unit using Bluetooth Low Energy technology and message queuing telemetry transport"**. During the Program our Trainers have observed your Skills on Python Programming were Excellent.

All the Best!
Thanks and Regards

Rathinasamy.K.S
Training Manager
ksr@enthutech.in

ENTHU TECHNOLOGY SOLUTIONS INDIA PVT LTD

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Ref: ETS/Internship/17-18/Mar/67   24-03-2018

To

A.Jeya Lakshmi
Department of Electronics and Communication Engineering
RamcoInstitute of Technology,
Rajapalayam-626 117.

Dear Ms.Jeya Lakshmi,

Sub: Letter for Internship.

This is to inform that you have attended an Internship Program offered by Enthu Technology Solutions India Pvt Ltd-Coimbatore during 25-December-2017 to 24-March-2018 (3 Months) on Topic **"Smart City Based on Lora-Waste Management"**. During the Program our Trainers have observed your Skills on C Programming were Excellent.

All the Best!
Thanks and Regards

Rathinasamy.K.S
Training Manager

ksr@enthutech.in

ENTHU TECHNOLOGY SOLUTIONS
INDIA PVT LTD
Development | Support | Training

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Ref: ETS/Internship/17-18/Mar/65   24-03-2018

To

G.Koushika
Department of Electronics and Communication Engineering
RamcoInstitute of Technology,
Rajapalayam-626 117.

Dear Ms.Koushika,

   Sub: Letter for Internship.

This is to inform that you have attended an Internship Program offered by Enthu Technology Solutions India Pvt Ltd-Coimbatore during 25-December-2017 to 24-March-2018 (3 Months) on Topic **"Smart City Based on Lora-Waste Management".** During the Program our Trainers have observed your Skills on C programming were Excellent.

All the Best!

Thanks and Regards

Rathinasamy.K.S

Training Manager

ksr@enthutech.in

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM
NATIONAL SCIENCE DAY CELEBRATIONS-2018
PROJECT EXHIBITION
List of Cash Prize Winners

Date: 28.02.2018

Prize Position	Project Identification Number	Project Title	Students Name	Supervisor's Names
First Prize (Rs.7,000 each)	IV Civil 03	Reduction of Fluoride Content in Ground Water using Papaya Leaf Charcoal	T.Arun Priyan, S.Ganesh, S.Gnanaraj, S.Gopalraj	Dr.M.Venkatesh Perumal and Mrs.C.Subha
	ME17	Design and Fabrication of prevention aid to Banana Tress	P. Saravanakumar, P. Pandiaraj and S. Saravanakumar and P. Sureshkumar	Mr.M.Santhana Maruthu Pandian
	ME65	Vertical Windmill	K. Esakkirajan, R. Kathirvel Saravanan, G. Manoj Guru Moorthy, M. Mathivanan M. Mohamed Siddiq	Mr. K.Amudhan

Evaluation Committee

Dr.O.Senthilkumar
Assistant Professor/Chem.

Dr.K.Basarikodi
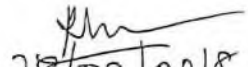HoD, Department of Mathematics
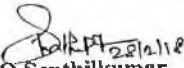
Dr.R.V. Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM
NATIONAL SCIENCE DAY CELEBRATIONS-2018
PROJECT EXHIBITION
List of Cash Prize Winners
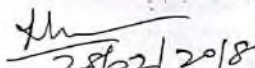
Date: 28.02.2018

Prize Position	Project Identification Number	Project Title	Students Name	Supervisor's Names
Second Prize (Rs.5,000 each)	IICSE01	Smart Gate Register	Kata Bharat, L.Pavan Sri Harsha, S.Santhosh	Ms. P.Abinaya
	EE22	Smart Atmospheric Monitoring System With IoT	R.Pranav Kaarthick, K.Ganesh Ram, S.Ramanan, B.Ramesh Babu	Mr.N. Ganesh
	IIICivil01	Spatial Information of RIT Campus Using GIS	M.Gokul Nath, A.C.Logha Sundhar, A.Ram Prasad, R.Rohit Kumar, R.Deva Murugan	Ms.H.Thiru Nisha
	ME100	Modified Multipurpose Wheelchair	P.Esakkiraja, M.Karthick, S.Naveen and K.Balaji	Mr.G.Prabhuram

Evaluation Committee

Dr.O.Senthilkumar
Assistant Professor/Chem.

Dr.K.Basarikodi
HoD, Department of Mathematics

Dr.R.V. Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM
NATIONAL SCIENCE DAY CELEBRATIONS-2018
PROJECT EXHIBITION
List of Cash Prize Winners

Prize Position	Project Identification Number	Project Title	Students Name	Supervisor's Names
Third Prize (Rs.2,500 each)	IV Civil 01	A System to Analyse and Suggest Healing Methods for Cracks in RCC Structures with the help of Image Processing Algorithms	A.Archana, A.Brindha, J.Pavithra, V.Thanupriya	Mr.T.Chockalingam
	EE25	Robotic Arm	A. Sachin, S. Senthil Kumar, S.N. Santhosh, A Shick Mohamed, B. Bharathi	Mr.D. Karthik Prabhu
	ME45	Design and Fabrication of Floor Cleaning and Iron Scrap Removal Machine	S.Babuganeshram, J.Jaichith, M.Natarajan, S.Maruthanayagam	Mr. J.Jabinth
	III ECE43	Smart Electronic City	M.Harshini, A.Vidya, M.Thevyashree, S.Anbukkarasi	Mr.S.Vijayakumar

Evaluation Committee

Dr.O.Senthilkumar
Assistant Professor/Chem.

Dr.K.Basarikodi
HoD, Department of Mathematics

Dr.R.V. Mahendra Gowda
Principal

S.NO.	Date	Name of the student	Page No.
1.	24.10.14	M. Dinesh Kumar	1
2.	24.10.14	V.S. Janani	2
3.	25.10.14	S.P. Raja Mukesh	3
4.	25.10.14	G. Jothi	4
5.	25.10.14	R. Kumar	5
6.	27.10.14	Ashmi Denisha. D. S	6
7.	27.10.14	Akalya Sekar. S	7
8.	27.10.14	C. Ishwarya	8
9.	24.11.14	Janani. V. S	9
10	25.11.14	V. Subashree	10
11.	27.11.14	B. Muthu meena	11
12.	27.11.14	N. Muthumalar	12
13	28.11.14	B. Muthu Dhiya Gayathri	13
14	02.12.14	M. Anitha	14
15	06.12.14	S. kishore	15
16	06.12.14	B. Daakshana Preethi	16
17	27.02.15	k. Nivetha Priya	17
18	02.03.15	B. kamaraj	18
19	04.03.15	V. Jayashree	19
20	31.03.15	12 students	20
21.	25.04.15	M. Nandhini	21
22.	25.04.15	V. Gobiya	22
23	25.04.15	P. Bhuvaneshari	23
24.	28.09.15	S. Akalya sekar	24
25	28.09.15	A. J Arul Zenu	25
26	28.09.15	M. Aravinthan	26
27	28.09.15	A. Kanaga Lakshmi	27
28	29.09.15	P. Iyyappan	28
29	29.09.15	G. Jothi	29

Date :- 24.10.14   Place :- ECE - HOD Room ②

Name of the student :- V.S. Janani   Signature r.s —

Name of the Parents :- J. Jotargrow   Signature per.

Reason for counselling

    ⇒ Performance of internal Test - I &
Unit Test - I

Out come of counselling

    ⇒ She assured that she will improve
the Performance in next internal Test.

Expected Target date :- First week of Nov 2014.

Members present :- G. THIRUSELVI — G₄ 24/10/14

                     B. Deepa Lakshmi — 24/10/14

Class Advisor

Date: 21/09/2016   PLACE : ECE Dept.   TIME : 4·00pm

NAME OF THE STUDENT :   SIGNATURE

M· ARAVINTHAN   M·Aravithan

NAME OF THE PARENT :   SIGNATURE

Mr. MOHAN DASS

REASON FOR COUNSELLING :

1. Failed in 5 subjects in Internal Test -I

2. No concentration during class hours. (After retest)

OUTCOME OF COUNSELLING :

The student & the parent assured

that she will work hard in the future

to pass and score good marks in the

forthcoming exams
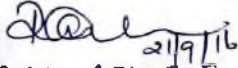
EXPECTED TARGET DATE :

INTERNAL TEST -II (retest)

MEMBERS PRESENT :

Dr. S· Periyanayagi

Mrs· R· chitra   21/9/16

CLASS ADVISOR 21/9/16

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017-18 (Even Semester)

RIT/ECE/CCM/2017-2018/03   27.03.2018

CIRCULAR

The Third class committee meeting for the **Second Year Electronics and Communication Engineering 'B' section** will be held on **28th March, 2018**. All the faculty members handling the subjects and laboratories for the above class and student representatives are requested to attend the meeting, in the **ECE Seminar Hall, at 03.00PM** without fail.

Chair Person

Mr.A.Azhagu Jaisudhan Pazhani
AP / ECE

HOD/Incharge

Class Committee Members:
Class Advisor: Mrs.V.SrirengaNachiyar

S.No	Faculty Members	Subject	Signature
1.	Dr.T.Manimaran	MA6451 Probability and Random Processes	
2.	Mrs.R.Chitra	EC6401 Electronic Circuits II	27/3/18
3.	Dr.S.Periyanayagi	EC6402 Communication Theory	27/3/18
4.	Ms.R.Divya	EC6403 Electromagnetic Fields	R.Divya 28/3/18
5.	Mr.S.Vijayakumar	EC6404 Linear Integrated Circuits	28/3/1
6.	Mr.B.Kannan	EC6405 Control System Engineering	28/3/18
7.	Mrs.V.SrirengaNachiyar & Mrs.R.Ramalakshmi	EC6411 Circuit and Simulation Integrated Laboratory	28/3/18
8.	Mr.S.Vijayakumar & Mrs.M.Sangeetha	EC6412 Linear Integrated Circuit Laboratory	28/3/1
9.	Mr.S.Viignesh & Mr.E.Thangam	EE6461 Electrical Engineering and Control System Laboratory	28/3/18 28/3/18

S.No	Student Members	Signature
1.	J Nithya	J.Nithya.
2.	M Shanmugapriyan	M.S.P.P
3.	P Siva Chidambaram	Siva Chidambaram
4.	R Siva Sankari	R.Sivasankari
5.	K Vignesh Priya	K.Vig...
6.	B Sundharamoorthy	B.Sm

Form No. AC 12b   Rev.No. 00   Effective Date: 18.01.2016

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2017-18 (Even Semester)

RIT/ECE/CCM/2017-2018/02   15.02.2018

CIRCULAR

· The Second class committee meeting for the **Second Year Electronics and Communication Engineering 'B' section** will be held on **16th February, 2018**. All the faculty members handling the subjects and laboratories for the above class and student representatives are requested to attend the meeting, in the **ECE Seminar Hall, at 12.30PM** without fail.

Chair Person   HOD/Incharge
Mr.A.Azhagu Jaisudhan Pazhani
AP / ECE
Class Committee Members:
Class Advisor: Mrs.V.SrirengaNachiyar

S.No	Faculty Members	Subject	Signature
1.	Dr.T.Manimaran	MA6451 Probability and Random Processes	
2.	Mrs.R.Chitra	EC6401 Electronic Circuits II	
3.	Dr.S.Periyanayagi	EC6402 Communication Theory	
4.	Ms.R.Divya	EC6403 Electromagnetic Fields	
5.	Mr.S.Vijayakumar	EC6404 Linear Integrated Circuits	
6.	Mr.B.Kannan	EC6405 Control System Engineering	
7.	Mrs.V.SrirengaNachiyar & Mrs.R.Ramalakshmi	EC6411 Circuit and Simulation Integrated Laboratory	
8.	Mr.S.Vijayakumar & Mrs.M.Sangeetha	EC6412 Linear Integrated Circuit Laboratory	
9.	Mr.S.Viignesh & Mr.E.Thangam	EE6461 Electrical Engineering and Control System Laboratory	

S.No	Student Members	Signature
1.	J Nithya	
2.	M Shanmugapriyan	
3.	P Siva Chidambaram	
4.	R Siva Sankari	
5.	K Vignesh Priya	
6.	B Sundharamoorthy	

Form No. AC 12b   Rev.No. 00   Effective Date: 18.01.2016

RAMCO INSTITUTE OF TECHNOLOGY

Academic Year: 2017-2018 (Even Semester)
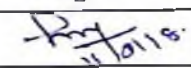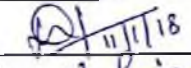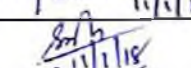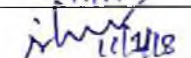
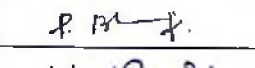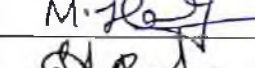RIT/Course-CM/2017-2018/01   Date: 11.01.2018
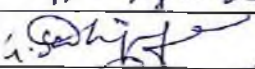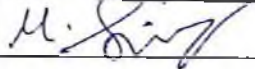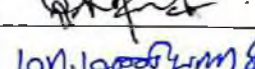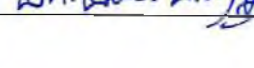
CIRCULAR

The **First** Course Committee Meeting for the Course Code and Title: **GE6075 and Professional Ethics in Engineering** will be held on 11.01.2018. All the Faculty members teaching **Professional Ethics in Engineering** and student representatives of various classes are requested to attend the meeting, in the **Principal Office** at 04.15 PM positively.

Course Committee Chair Person & Principal

Course Committee Members:

S.No	Faculty Members	Signature
1.	Mr.R.Venkatesh	
2.	Mrs.D.Darling Helen Lydia	
3.	Mrs.V.SrirengaNachiyar	
4.	Mr. N. Ganesh	
5.	Mr.V.Rajesh	

S.No	Student Members	Signature
1.	R. S. Arun Prasanna (953614103008)	
2.	J. Pavithra (953614105042)	
3.	D. R. Anisa Shifana (95361103006)	
4.	A. C. Logha Sundhar (953615103025)	
5.	G. Sakthi Priya (953614104041)	
6.	M. Siva (953614104046)	
7.	S. Mathumathi (953614105026)	
8.	R. Vignesh (953614105053)	
9.	P. Bhuvaneswari (953614106013)	
10.	M. Hariharan (953614106022)	
11.	S. Puspavalli (953614106068)	
12.	M. Mani Bharathi (953614106310)	

Form No. AC 12e   Rev.No. 00   Effective Date: 20.12.2016

RAMCO INSTITUTE OF TECHNOLOGY
Academic Year: 2017- 2018 (Even Semester)
Minutes of Course Committee Meeting I

Course Code and Title: GE6075 Professional Ethics in Engineering

Date & Time: 11.01.2018 & 04.15 PM

Members present:

Course committee Chair Person: Dr.R.V.Mahendra Gowda

Faculty members:
1. Mr.R.Venkatesh– teaching for VIII Semester B.E. CSE & VIII Semester B.E. Civil
2. Mrs.D.Darling Helen Lydia– teaching for VI Semester B.E. Civil
3. Mrs.V.SrirengaNachiyar– teaching for VIII Semester B.E. ECE A
4. Mr. N. Ganesh– teaching for VIII Semester B.E. EEE
5. Mr.V.Rajesh– teaching for VIII Semester B.E. ECE B

Student Representatives:
1. R. S. Arun Prasanna (953614103008)
2. J. Pavithra (953614103042)
3. D. R. Anisa Shifana (953615103006)
4. A. C. Logha Sundhar (953615103025)
5. G. Sakthi Priya (953614104041)
6. M. Siva (953614104046)
7. S. Mathumathi (953614105026)
8. R. Vignesh (953614105053)
9. P. Bhuvaneswari (953614106013)
10. M. Hariharan (953614106022)
11. S. Puspavalli (953614106068)
12. M. Mani Bharathi (953614106310)

Points discussed	Target Date	Responsibility	Remarks
1. Chair Person welcomed the faculty members and student representatives. He explained the importance of conducting course committee meeting.	Continuous	All students	-
2. Chair Person conveyed the importance of Human values and Professional Ethics in personal life as well as in professional life and advised the students to follow the Ethics and moral values throughout their career which will make them to be successful engineers.	Continuous	All faculty members & students	-
3. Chair Person enquired about the issue of Textbook, question bank for five units, five years of University question papers and University two marks question and answer for the first unit	Continuous	All faculty members	-

4. Chair Person discussed about the conduct of tutorials to help the students practice writing about Case studies, etc.	Continuous	All faculty members	-
5. Chair Person advised the students to take this course seriously, learn well and practice how to answer the questions specific.	Continuous	All students	-
6. Chair Person advised the students to use specific and correct key words while writing the test and practice mind mapping techniques for recollecting the key terms which will be useful for answering well in tests and End Semester Examination.	Continuous	All students	-
7. Chair Person advised the students to take the Unit Tests & Internal Assessment Tests seriously and advised them to score above 60%.	Continuous	All students	-
8. Chair Person informed the faculty members to discuss Case study during their class and ask Case study as Part-C questions in Internal Assessment Tests.	Continuous	All faculty members & students	-
9. Chair Person asked the faculty members and student representatives to speak about any points related to the progress of the course. They informed that there are no specific issues. The course is going on well.	Continuous	All faculty members & students	-

Course Committee Chair Person

Principal

Copy circulated among all members of Course Committee
Copy to the HODs concerned
Copy to the Principal office
Copy to File

Effective Date: 20.12.2016

RAMCO INSTITUTE OF TECHNOLOGY
Academic Year: 2017- 2018 (Even Semester)
Minutes of Course Committee Meeting III

Course Code and Title: GE6075 Professional Ethics in Engineering

Date & Time: 27.03.2018 & 04.00 PM

Members present:
Course committee Chair Person: Dr.R.V.Mahendra Gowda

Faculty members:
1. Mrs.D.Darling Helen Lydia– teaching for VI Semester B.E. Civil
2. Mrs.V.SrirengaNachiyar– teaching for VIII Semester B.E. ECE A
3. Mr. N. Ganesh– teaching for VIII Semester B.E. EEE
4. Mr.V.Rajesh– teaching for VIII Semester B.E. ECE B
5. Mr.R.Venkatesh (Absent) – teaching for VIII Semester B.E. CSE & VIII Sem B.E. Civil

Student Representatives:
1. R. S. Arun Prasanna (953614103008)
2. J. Pavithra (953614103042)
3. D. R. Anisa Shifana (953615103006)
4. A. C. Logha Sundhar (953615103025)
5. G. Sakthi Priya (953614104041)
6. M. Siva (953614104046)
7. S. Mathumathi (953614105026)
8. R. Vignesh (953614105053)
9. P. Bhuvaneswari (953614106013)
10. M. Hariharan (953614106022)
11. S. Puspavalli (953614106068)
12. M. Mani Bharathi (953614106310)

Points discussed	Target Date	Responsibility	Remarks
1. Chair Person welcomed the faculty members and student representatives. He reviewed the minutes of previous course committee meeting.	-	All faculty members & students	-
2. Chair Person discussed about the status of completion of syllabus. Civil – five units completed CSE – five units completed EEE – five units completed ECE A & B - five units completed	Continuous	All faculty members & students	-
3. Chair Person asked about the Internal marks and discussed about the importance of the Internal marks to the students. He advised the students to score good marks in Internal Assessment Test-III.	Continuous	All students	-

4. Chair Person discussed about the questions asked in previous year Anna University Examinations and advised the students to analyze the questions and find right answers.	Continuous	All students	-
5. Chair Person informed the Faculty members to e-mail the Unit Test-I & II, Internal Assessment Test-I & II unused question papers to the students, so that they made practice answering those questions.	Continuous	All faculty members	
6. Chair Person advised the students to review Unit Test-I & II, Internal Assessment Test-I & II question papers and see whether all those questions can be answered or they have to search for the appropriate answers.	Continuous	All students	-
7. Chair Person advised the students to write the Internal Assessment Test-III and Model Test seriously for practicing the answers for the specific questions.	Continuous	All students	-
8. Faculty members advised the students • To read contents from the Textbook • To draw diagrams for some Case study questions, as applicable • Don't depend on only PPT's for the tests • To write the cases & cite examples, that matches to the Case study	Continuous	All students	-
9. Chair Person advised the students to carry forward the ethical knowledge to their personal and professional life.	Continuous	All students	-

Course Committee Chair Person 29/03/18

Principal 29/03/18

Copy circulated among all members of Course Committee
Copy to the HODs concerned
Copy to the Principal office
Copy to File

RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
North Venganallur Village, Rajapalayam - 626 117, Tamil Nadu.

National Conference on

Innovations in Engineering, Science & Technology

CERTIFICATE

6th & 7th March, 2015

This is to certify that Dr./Mr./Ms. ....S. Periyanayagi........ of ....Ramco.......
......Institute....of....Technology. presented a paper entitled ...A....Defense....Technique.......
....based....on....RI....Model....for....certain....attacks....in....IEEE.802.15.4 based WSN

National Conference on Innovations in Engineering, Science and Technology - NCIEST, organised by

Ramco Institute of Technology, Rajapalayam during 6th & 7th March, 2015.

Dr.S.Rajakarunakaran
Organizing Secretary - NCIEST

Dr.R.V.Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
North Venganallur Village, Rajapalayam - 626 117, Tamil Nadu.

National Conference on

Innovations in Engineering, Science & Technology

CERTIFICATE 6th & 7th March, 2015

This is to certify that Dr./Mr./Ms. ......K. Ragavan............................ of ...Ramco....Institute....&....

..............Technology..................... presented a paper entitled ...Comparative......Analysis.......&.....

.....SVM.......and.....BPA......for......wheel chair......Detection...

National Conference on Innovations in Engineering , Science and Technology - NCIEST , organised by

Ramco Institute of Technology , Rajapalayam during 6th & 7th March, 2015.

Dr.S.Rajakarunakaran
Organizing Secretary - NCIEST

Dr.R.V.Mahendra Gowda
Principal

RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

North Venganallur Village, Rajapalayam - 626 117, Tamil Nadu.

National Conference on

Innovations in Engineering, Science & Technology

CERTIFICATE

6th & 7th March, 2015

This is to certify that Dr./Mr./Ms. ....K. Ragavan.............. of ....Ramco....................... ....Institute.....of....Technology.. presented a paper entitled ....Design......of...................... ....Hilbert - Pair....of....Wavelets...

National Conference on Innovations in Engineering , Science and Technology - NCIEST , organised by Ramco Institute of Technology ,Rajapalayam during 6th & 7th March, 2015.

Dr.S.Rajakarunakaran
Organizing Secretary - NCIEST

Dr.R.V.Mahendra Gowda
Principal

NATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING, SCIENCE AND TECHNOLOGY

(NCIEST)
6-7 March 2015

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Chairman, Ramco Institute of Technology

PATRON
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Vice-Chairman, Ramco Institute of Technology

ORGANISING HEAD
Dr. R.V. Mahendra Gowda
Principal, Ramco Institute of Technology

RAMCO INSTITUTE OF TECHNOLOGY
RAJAPALAYAM, TAMIL NADU

PERFORMANCE COMPARISON OF EQUALIZERS FOR WIRELESS COMMUNICATION SYSTEM

Mydhili S.K. and A.Rajeswari
Department of Electronics and Communication Engineering,
SVS College Of Engineering, Coimbatore-642 109.
Professor & Head, Department of Electronics and Communication Engineering,
Coimbatore Institute of Technology, Coimbatore.
E-mail: s_k_mydhili@yahoo.com

One of the important techniques, which can combat and exploit the frequency-selectivity of the wireless channel in providing high data rate wireless systems, lie in the hand of equalization. The wireless systems that is evolved in the last few decades necessitates in the design and analysis of equalization techniques. The current trend as well as the future generation of wireless systems is supposed to possess very high spectral efficiency, presence of rapidly time varying channels due to high mobility and the availability of partial or no channel state information at the transmitter and/or receiver which prescribes MIMO systems. When the data is transmitted at high bit rates, over mobile radio channels, the channel impulse response can extend over many symbol periods, which lead to Inter-symbol interference (ISI). This paper analyses the performances of equalization techniques by considering 2 transmit and 2 receive antenna (2×2 MIMO) over a flat fading Rayleigh multipath channel and provides a bit error rate analysis of the same.

A DEFENSE TECHNIQUES BASED ON SI MODEL FOR CERTAIN ATTACKS IN IEEE802.15.4 BASED WSN

S.Periyanayagi Department of ECE,
Ramco Institute of Technology, Rajapalayam, Tamil Nadu
V.Sumathy, Department of ECE,
Government College of Technology, Coimbatore, Tamil Nadu,
Email: periplsp@gmail.com,Sumi_gct2001@yahoo.co.in

Security is the first and foremost concern in many networking scenarios which replaces the performance rapidly. The aspects of wireless sensor network security are described by challenges, requirements, defense techniques and possible attacks. The main aim of the paper is is to provide a general overview of sensor networking security and highlight the need for efficient defense techniques able to withstand various attacks that target their confidentiality, functionality and availability. A defense technique based on swarm intelligence for certain attacks like jamming attack and denial of sleep attack has been proposed to detect these vulnerabilities for IEEE802.15.4 based WSN. Simulation results reveal the effectiveness of the proposed system.

P.S.R ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University ,Chennai)

SIVAKASI - 626140. VIRUDHUNAGAR Dt.

DEPARTMENT OF ECE & EEE

Organize

International conference on

RECENT TRENDS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING

(REECE - 17)

Certificate of merit

This is to certify that Dr./Mr./Ms.....M. SWARNA SUDHA.......................................

of....RAMCO INSTITUTE OF TECHNOLOGY..................... has presented the paper in the

International Conference on Recent Trends In Electrical, Electronics & Communication Engineering

(REECE - 17) Held During 16th - 18th March 2017.

Title of the Paper : AN ONLINE MECHANISM FOR RESOURCE ALLOCATION AND PRICING IN CLOODS

Authors : K.S. MUTHULAKSHMI, M. RAJESWARI, A. ROHINI, R. KEERTHANA.

Organizing secretary

Convener

Principal

RAMCO INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Affiliated to Anna University, Chennai)

Rajapalayam - 626 117, Virudhunagar District, Tamil Nadu

A Two Day Workshop
on
Writing Research Papers, Citation Analysis, Plagiarism, Getting Patent & Copyright
(PCPPC - 2018)

Organized by

DEPARTMENT OF LIBRARY

PCPPC-2018

Certificate

This is to certify that ~~Dr.~~ / ~~Mr.~~ / Ms. ....M. SWARNA SUDHA....................

.........RAMCO INSTITUTE OF TECHNOLOGY...

*Participated in the two day workshop on "**Writing Research Papers, Citation Analysis, Plagiarism,***

***Getting Patent & Copyright**" held on June 29th & 30th 2018 at Ramco Institute of Technology, Rajapalayam.*

G. Praburam
Co-ordinator, AP / Mech

R. Chandran
Librarian

Dr. N. Jawahar
Principal

CENTRE FOR FACULTY DEVELOPMENT
ANNA UNIVERSITY, CHENNAI-600025.

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. P. Jothi Thilaga, Asst. Prof, Ramco Inst. of Technology Rajapalayam *has participated in the* **Faculty Development Training Programme** *on* CS 8351 - Data Structures *at* RMK College of Engineering & Technology, Thiruvallur Dt *from* 21st *to* 27th June 2018

Director
Centre for Faculty Development

Registrar
Anna University

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Certificate of Participation

C. No: 016-18174

This is to certify that **Dr.K.Vijayalakshmi** of

Ramco Institute of Technology

has participated in a five day Faculty Development Program on

Hadoop

conducted by ICT Academy of Tamil Nadu

from 19th December to 23rd December 2016

held at Ramco Institute of Technology, Rajapalayam.Virudhunagar

Date: 23-12-2016

Place: Rajapalayam.Virudhunagar

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Vice President, ICTACT

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प्रगत संगणन विकास केन्द्र
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संचार एवं सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार

A Scientific Society of the Ministry of Communications and Information Technology, Government of India

Training on "Hadoop for Big Data Analytics"

CERTIFICATE

This is to certify that Mr/Ms/Dr ___**BALAJI GANESH**___

from ___**RAMCO INSTITUTE OF TECHNOLOGY**___ has participated in the

Training on "Hadoop for Big Data Analytics" on 27-28 June, 2016, organized by C-DAC, Bangalore .

Ch. Janaki

Ms. Janaki C H
Workshop Co-ordinator,
Principal Technical Officer
Big Data Analytics
C-DAC, Bangalore

Supriya pal

Ms. Supriya N Pal
Associate Director
Group Head - Big Data Analytics
C-DAC, Bangalore

Industrial visit at Bharath Sanchar Nigam Limited , Virudhunagar,

ATTENDED BY THE FOLLOWING FACULTY MEMEBER:

Mrs. M.Swarna Sudha, AP (SG)/CSE,

Mrs.V.Anusuya, AP(SG)/CSE

Mrs.B.Vijayalakshmi, AP/CSE

Ms.J.Sabthami, AP/CSE

Ramco Institute of Technology, Rajapalayam.

ABOUT THE INDUSTRY:

Bharat Sanchar Nigam Limited (abbreviated **BSNL**) is an Indian state-owned telecommunications company headquartered in New Delhi. It was incorporated on 15 September 2000 and assumed the business of providing telecom services and network management from the erstwhile Central Government Departments of Telecom Services (DTS) and Telecom Operations (DTO) as of 1 October 2000 on a going-concern basis. It is the largest provider of fixed telephony and broadband services with more than 60% market share, and is the fifth largest mobile telephony provider in India. BSNL is India's oldest communication service provider and had a customer base of 93.29 million as of June 2015. It has footprints throughout India, except for Mumbai and New Delhi, where telecommunications are managed by Mahanagar Telephone Nigam (MTNL).

In first day of our visit,we visited BSS (Base Station Subsystem). The Base Station Subsystem (BSS) is the section of a traditional cellular telephone network which is responsible for handling traffic and signaling between a mobile phone and the network switching subsystem. The BSS carries out transcoding of speech channels, allocation of radio channels to mobile phones, paging, transmission and reception over the air interface and many other tasks related to the radio network. The base transceiver station, or BTS, contains the equipment for transmitting and receiving radio signals (transceivers), antennas, and equipment for encrypting and decrypting communications with the base station controller (BSC). Typically a BTS for anything other than a picocell will have several transceivers (TRXs) which allow it to serve several different frequencies and different sectors of the cell (in the case of sectorised base stations).This BSNL Division has 4 BSS.

Day 2:

In the second day we visited IT cell. This cell describes software used for their maintenance, Routers, Switches, Proxy Server. SAP ERP in management software consists of several modules, including Financial Accounting (FI), Controlling (CO), Asset Accounting (AA), Sales & Distribution (SD), Material Management (MM), Product Planning (PP), Quality Management (QM), Project System (PS), Plant Maintenance (PM), Human Resources (HR). SAP ERP collects and combines data from the separate modules to provide the company or organization with enterprise resource planning. They describes the Value Added Services, GSM, IVRS based system.

SUMMARY:

The purpose of visiting the industry is to gain knowledge about the contribution of computer science in Telecom Industry.

We would like to thank our facilitators Dr. K. Vijayalakshmi, HOD/CSE for motivating us to attend such Industrial visit. Also, we extend our thanks to Dr.S.Rajakarunakaran, Principal, for his good support for facilitating such valuable activities at CSE Department.

Signature of the Faculty Member

HOD-CSE 11/07/16

OFFICE OF GENERAL MANAGER, BSNL, VIRUDHUNAGAR – 626 001.

This is to certify that the following Faculty members of **Ramco Institute of Technology,** Rajapalayam have underwent an Industrial Training at **Bharat Sanchar Nigam Limited, Virudhunagar** from 26.06.2018 to 27.06.2018.

SI.No.	Name of the Faculty	Designation & Department
1.	Mrs.M.SwarnaSudha	AP(SG)/CSE
2.	Mrs.V.Anusuya	AP(SG)/CSE
3.	Mrs.B.Vijayalakshmi	AP/CSE
4.	Mrs.J.Sabthami	AP/CSE

Asst. General Manager(Admin/HR)
O/o GM, BSNL
Virudhunagar-626 001.

RAMCO INSTITUTE OF TECHNOLOGY
(Approved by AICTE - New Delhi and Affiliated to Anna University - Chennal)

Faculty IPT

Date: 13.05.2017

To

Mr.Virendera Aggarwal,
Chief Executive Officer,
Ramco Systems Ltd,
64, Sardar Patel Road,
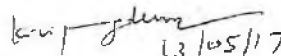Taramani, Chennai – 600113.

Sir,

Sub: Requisition for permission to undergo in-plant training programme in your organization for our faculty members - regarding.

We wish to inform you that our faculty members of Computer Science and Engineering are interested in attending in-plant training programme in your esteemed organization preferably during the period between 22.05.17 and 04.06.17. We feel it will be fruitful if the faculty members with academic background have a glimpse of the industry in order to have a better appreciation of practical applications of theory.
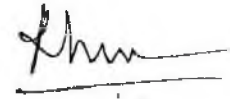
In this context, we request you to kindly give permission for undergoing training to enrich the knowledge about latest technological advancements in your esteemed organization during the above mentioned period of 3 days on mutually convenient dates, as per your norms. We shall be grateful to you for a favourable response. Herewith we have furnished the list of faculty members who are interested to attend the in-plant training.

Thanking you,

Yours faithfully,

13/05/17

Dr.K.Vijayalakshmi
HOD-CSE

PRINCIPAL

Name list of the Faculty members:

Sl. No.	Name of the Faculty	Designation & Department
1.	Dr.K.Vijayalakshmi	Professor & Head/CSE
2.	Mr.R.Venkatesh	AP/CSE
3.	Mr.R.Balaji Ganesh	AP/CSE
4.	Ms.M.SwarnaSudha	AP/CSE
5.	Ms.P.M.G.Jegathambal	AP/CSE
6.	Ms.P.Abinaya	AP/CSE
7.	Mr.D.Lakshmanan	AP/CSE
8.	Ms.G.Mahalakshmi	AP/CSE
9.	Ms.J.Sabthami	AP/CSE

North Venganallur, Rajapalayam – 626 117, Tamil Nadu.
Tel : 04563 233400, 233401; Fax : 233499
e-mail : rit.rjpm.office@gmail.com, rit.rjpm@gmail.com, www.ritrjpm.ac.in

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM
Department of Computer Science and Engineering

15.06.2018

<u>Submitted to the Principal:</u>

Sub: Requisition for permission to attend Inplant Training in Ramco Systems– Reg.

We are interested to participate three days Inplant Training in Ramco Systems. We got permission from the Ramco Systems to attend the training program from 18th June, 2018 to 20th June, 2018. This training program will be useful for us to have an industrial exposure. We request you to kindly permit the following CSE faculty members to participate in the Inplant Training.

Mr.A.S.Prabaharan,AP(SG)/CSE
Mr.D.Lakshmanan, AP/CSE
Ms.G.Mahalakshmi, AP/CSE
Ms.P.Jothi Thilaga, AP/CSE
Ms.S.Manjula, AP/CSE

HOD-CSE   PRINCIPAL

ramco

20 June 2018

TO WHOM IT MAY CONCERN

This is to inform you that **Mr. D. Lakshmanan** has undergone In-plant training on Dotnet from 18th June 2018 to 20th June 2018 in our organization.

Thank You.

for **Ramco Systems Ltd**

Geetha

Geetha S
Human Resources