



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	Name of the Course	Electromagnetic Interference and Compatibility
2.	Name of the Industry	TTSL, Madurai
3.	Name of the SIG associated with	IOT & Sensor
4.	Motivation for offering the course	
4.1	Feedback (If yes, Details of the feedback as per the annexure I)	
	From Recruiter	N
	From Employer	N
	From Alumni	N
	From Academic Council members	N
	From Board of Studies members	N
	From Senior students	N
	From current students	N
	From Performance Assessment Committee	N
	From Department Advisory committee	N
4.2	Faculty participation in Seminar/FDP (If yes, details)	
	At higher learning institutes	-
	At Industry	-
5.	Outcomes expected	
	Technology transfer	Y
	Student Internship	Y
	Placement	Y
	Organizing FDP/seminar at TCE	Y
	Collaborative research/consultancy projects	Y
	Faculty as Trainee/Trainer in the Industry	Y
	Joint publications	Y
	Setting up of Lab/Infrastructure	Y

Annexure I (Details of Feedback)

Name of the Person	Date of the visit/meeting	Affiliation	Purpose of visit	Suggestions/ Comments	Action taken



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625015
TCE-III

Attendance sheet for the one credit course

Name of the Course : EMI/EMC(Electro-Magnetic Interference/ Electro-Magnetic Compatibility)
Name of the Industry : Thiagarajar Telekom Solutions Ltd
Name of the Expert : Mr.S.Deepak Ram Prasath
Name of the Faculty Coordinators : Mr.B.Praveen Kumar & Mr.S.A.R.Sheik Masthan
Date/Time/Venue : 19/08/2017 & 20/08/2017 (9.00 AM to 5.00 PM) - Modelling & Simulation Lab
Department : Mechatronics Engineering

Sl.No.	Reg.No	Name	19/08/17		20/08/17	
			FN	AN	FN	AN
1.	14F06	ARUN KUMAR P K	—	—	—	—
2.	14F11	CONDA ASUTHOSH RAMESH	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	14F13	DINESH KUMAR S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	14F14	DIVYA P	—	—	—	—
5.	14F17	GOWTHAM K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	14F19	JAYA SOORIYA P	—	—	—	—
7.	14F20	JITESH S	—	—	—	—
8.	14F25	KISHORE KAVIR	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	14F26	KUMAR M	—	—	—	—
10.	14F27	KUMARESAN S	<i>[Signature]</i>	<i>[Signature]</i>	—	<i>[Signature]</i>
11.	14F29	MADHURA LAKSHMI S	—	—	—	—
12.	14F43	ROBY J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	14F48	SARATHKUMAR P	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	14F52	STEEV WINSTON T	—	—	—	—
15.	14F54	VENKATESH M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
16.	14F62	GANESHKUMAR D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	14F64	JEYAMURUGAN J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	14F65	MOHAMED NOORUDEEN M	—	—	—	—
19.	14F66	POUN RAJ S	—	—	—	—
20.	14F67	PRIYADHARSAN M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21.	14F68	RAJARAAMAN M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22.	14F70	SILAMBARASAN R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23.	14F71	SUBBU RAJ R	—	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
B. Praveen
Signature of Faculty Coordinator



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

Course Schedule

Name of the Course: 14MT1E0 - Electro-Magnetic Interference and Compatibility
 Name of the Expert: Mr. Deepak Ram Pasath
 Name of the Industry: Thiagarajar Telekom Solutions
 Name of the Faculty: B. Praveen Kumar
 Date/Time/Venue: 19/08/2017 & 20/08/2017 (9.00 a.m to 4.30 p.m)/ Modelling
 & Simulation Lab

Date	Time	Topics
Day1	09.00 a.m - 10.00 a.m	Introduction to EMI / EMC
	10.00 a.m - 11.00 a.m	Coupling Mechanism
	11.15 a.m - 12.15 p.m	Coupling Mechanism
	12.15 p.m - 01.15 p.m	Classification of EMI/EMC
	02.15 p.m - 03.15 p.m	Sources of EMI, EMI
	03.15 p.m - 04.30 p.m	Transient phenomena and suppression
Day2	09.00 a.m - 11.00 a.m	EMC Standard and Regulations
	11.15 a.m - 12.15 p.m	EMI Test Methods
	12.15 p.m - 01.15 p.m	Instrumentation
	02.15 p.m - 03.15 p.m	Mitigation Techniques
	03.15 p.m - 04.30 p.m	Grounding strategies


 Signature of the Faculty Coordinator