



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015  
TCE-III

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

*Amritha*  
STAFF

*S.P. She*  
HDCSE




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TCE-III

Course Schedule

Name of the Course: Embedded software development  
 Name of the Industry: Honeywell  
 Name of the Expert: Mouli Sankaran  
 Number of Students enrolled: 77  
 Name of the Faculty: Dr. C. SENTHILKUMAR  
 Date/Time/Venue: 13/8/16 & 14/8/16  
 CSE SEMINAR HALL

Date	Time	Topics	Remarks
Day1	9:30 to 12:30	Process & thread, Cache	
	1:30 to 4:30	Mutual Exclusion, Semaphore	
Day2	9:30 to 12:30	Interfacing C with Assembly	
	1:30 to 4:30	Optimised coding & Advanced concepts in C	

  
 Signature of the Faculty coordinator