

S.No	One credit course need analysis sheet	
1.	Name of the Course	Enterprise Mobility
2.	Name of the Industry	Zebra Technologies, Bengaluru
3.	Name of the SIG associated with	Mobile Technology
4.	Motivation for offering the course	<p>Mobile Application Development is a Programme Core course. The major contents of this course deal with native app development.</p> <p>To support enterprise mobile app development environment, this one-credit course is offered. Through this course , a cross platform IDE (RMS) is taught and practice also given.</p>
4.1	<b>Feedback (If yes, Details of the feedback as per the annexure I)</b>	
	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	<b>Faculty participation in Seminar/FDP (If yes, details)</b>	
	At higher learning institutes	
	At Industry	Yes, Dr.P.Karthikeyan attended a FDP on “Enterprise Mobile Technology” in Symbol Technologies, Bengaluru, Oct 2013.
5.	<b>Outcomes expected</b>	
	Technology transfer	

	<b>Student Internship</b>	Yes, mail sent to the industry consent.
	<b>Placement</b>	
	<b>Organizing FDP/seminar at TCE</b>	Yes, plan to organize a workshop during Nov 2016 (or) Feb 2017.
	<b>Collaborative research/consultancy projects</b>	
	<b>Faculty as Trainee/Trainer in the Industry</b>	
	<b>Joint publications</b>	
	<b>Setting up of Lab/Infrastructure</b>	Already got fund from Zebra Technologies (Motorola Lab) to train the students and faculty, 2014.

#### **Annexure I (Details of Feedback)**

<b>Name of the Person</b>	<b>Date of the visit/meeting</b>	<b>Affiliation</b>	<b>Purpose of visit</b>	<b>Suggestions/ Comments</b>	<b>Action taken</b>
Mr.P.Arunkumar	July 23, 24 2016	Zebra Technologies Bengaluru	One credit course delivery	None	None



**THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015**  
**TCE-III**

Attendance sheet for the one/two credit

Name of the Course: 14IT1C0- Enterprise Mobility

Name of the Industry: Zebra Technologies

Name of the Expert: Mr.P.Arun Kumar

Number of Students enrolled: 29

Name of the Faculty: Dr.P.Karthikeyan . Mrs.Raja Lavanya

Date/Time/Venue: July 23-24 ,2016

S.No	Reg.No	Name	Department
1	14IT01	Abinaya G.C	Information Technology
2	14IT02	Aishwarya R	Information Technology
3	14IT07	Amala Richu A	Information Technology
4	14IT09	Antony Rishanth S	Information Technology
5	14IT10	Aparna A	Information Technology
6	14IT18	Buveneswari. M	Information Technology
7	14IT21	Dhanalakshmi GNANASEKARAN	Information Technology
8	14IT24	Divyalakshmi J	Information Technology
9	14IT32	Hema Iniya B	Information Technology
10	14IT33	Hamesharani A	Information Technology
11	14IT39	Kamali M	Information Technology
12	14IT40	Karan Ram J	Information Technology
13	14IT45	Kaviya S	Information Technology
14	14IT49	Malarvizhi K	Information Technology
15	14IT56	Mirnalini A	Information Technology
16	14IT58	Mythili S	Information Technology
17	14IT61	M.S.Neethi	Information Technology

18	14IT66	M.Nivedita Shree	Information Technology
19	14IT64	K.J.Nishathini	Information Technology
20	14IT81	R.Ramya	Information Technology
21	14IT88	K.Santhini	Information Technology
22	14IT84	M.Reshma Kris	Information Technology
23	14IT102	S.Subashini	Information Technology
24	14IT119	Divya J	Information Technology
25	14IT121	Jeyasri N	Information Technology
26	14IT122	Karthika P	Information Technology
27	14IT127	Priyachandrika B	Information Technology
28	14IT133	Sindhuja R	Information Technology
29	14IT135	Suriya Priya A	Information Technology

#### Course Schedule

Date	Time	Topics	Remarks
Day1	9-10.30	Definitions – Types – Native App development, Hybrid App development – Major components- Challenges	
	10.45-12.15	Rho framework, RhoStudio, RhoHub, RhoConnect, RhoGallery – Installation & Configuration	
	12.15-1.45	API: User Interface	
	2.30-4.00	API: Database	
	4.15-5.45	Demonstration	
Day2	9-10.30	API: Bar code scanning Signature capture – Printing – File transfer - Locationing	
	10.45-12.15	Native/ Hybrid App development using RhoStudio	
	12.15-1.45	Build the App using RhoHub Usage of Camera, Scanner	
	2.30-4.00	Testing	
	4.15-5.45	Demonstration	

*P. Karthika Jayaram*

Signature of the Faculty Coordinator