THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	**Name of the Course**	G1D- Product Lifecycle Management
2.	**Name of the Industry**	**TCS, Chennai**
3.	**Name of the SIG associated with**	**Manufacturing Engineering**
4.	**Motivation for offering the course**	**To get exposure to PLM to the students.**
4.1	**Feedback** **(If yes, Details of the feedback as per the annexure I)**	
	From Recruiter	Yes
	From Employer	Yes
	From Alumni	No
	From Academic Council members	Yes
	From Board of Studies members	Yes
	From Senior students	Yes
	From current students	Yes
	From Performance Assessment Committee	Yes
	From Department Advisory committee	Yes
4.2	**Faculty participation in Seminar/FDP (If yes, details)**	
	At higher learning institutes	No
	At Industry	No
5.	**Outcomes expected**	
	Technology transfer	Yes
	Student Internship	Yes
	Placement	Yes
	Organizing FDP/seminar at TCE	Yes
	Collaborative research/consultancy projects	Yes
	Faculty as Trainee/Trainer in the Industry	Yes
	Joint publications	Yes
	Setting up of Lab/Infrastructure	Yes

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Attendance sheet for the one/two credit

Name of the Course: **G1D- Product Lifecycle Management**

Name of the Industry: **TCS, Chennai**

Name of the Expert: **Mr. Jeyaprakash Ramachandran, TCS, Chennai.**
                    Mr. Sankaran Munuswamy, TCS, Chennai

Number of Students enrolled: **57**

Name of the Faculty: **Prof. J. Umar Mohamed**

Date/Time/Venue: **14th and 15th March 2015 and 9.00 A.M to 5.00 P.M**

S.No	Reg.No	Name	Department	Signature
	Student's List is enclosed			

Signature of the Faculty Coordinator

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Course Schedule

Name of the Course: **G1D- Product Lifecycle Management**

Name of the Industry: **TCS, Chennai**

Name of the Expert: **Mr. Jeyaprakash Ramachandran, TCS, Chennai.**

Mr. Sankaran Munuswamy, TCS, Chennai

Number of Students enrolled: **57**

Name of the Faculty: **Prof. J. Umar Mohamed**

Date/Time/Venue: **14th and 15th March 2015 and 9.00 A.M to 5.00 P.M**

Date	Time	Topics	Remarks
14.03.2015	9.00 A.M to 5.00 P.M	Product Life Cycle Management-Introduction, Overview of PLM-Concept of Product Life Cycle NPDI-Product development Stage Gate Processes Overview, Product development Strategies for various industries, ETO, CTO, MTO, MTS Business scenarios Why PLM?-Product development & Lifecycle challenges, Challenges faced by Industries (OEM, Suppliers, Contractors, End Users), Business Drivers for PLM, Definition of PLM, Where PLM Applicable, Evolution of PLM, Past, Today and Future state of PLM, PLM core capabilities- Core Capabilities like Product Data Management, Product Structure, Workflow, Change Management etc.	

15.03.2015	9.00 A.M to 5.00 P.M	PLM advanced capabilities- Extended capabilities like Cost Management, Portfolio, Analytics, System Engineering PLM Solutions, Tools and associated technology- Product Lifecycle Stages and IT Tools, PLM Vendors and their software Products, PLM Technologies, PLM Architecture Student Exercise- Map PLM Functional Capabilities Versus Product Lifecycle Processes, Map PLM Functional Capabilities Versus NPDI Challenges, PLM Product Demonstration- Demonstrate PLM Part Release and Change Management, Student Exercise to use PLM system- Part Release Management - Exercise in PLM Software, Product Design Change Management - Exercise in PLM Software	

Signature of the Faculty coordinator

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Course Instructor Feedback for One/Two credit course

Name of the Course: **G1D- Product Lifecycle Management**

Name of the Industry: **TCS, Chennai**

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                    Mr. Sankaran Munuswamy, TCS, Chennai

Date/Time/Venue: **14th and 15th March 2015 and 9.00 A.M to 5.00 P.M**

	Comments
Student attendance	100%
Level of the students in understanding the concepts	Very Good
Any suggestions regarding new content to be included as Prerequisites/Special electives	It may be included as core elective course
Hall/Lab arrangements	Very good
Hospitality	Very good

Signature of the Course Instructor