THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	**Name of the Course**	Introduction to Mainframe Systems
2.	**Name of the Industry**	IBM
3.	**Name of the SIG associated with**	System Engineering
4.	**Motivation for offering the course**	To update knowledge on recent IT Technologies
4.1	**Feedback** **(If yes, Details of the feedback as per the annexure I)**	
	From Recruiter	N
	From Employer	N
	From Alumni	Y
	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	Understand the concepts of Mainframe systems
	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	

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Attendance sheet for the one/two credit

Name of the Course: Introduction to Mainframe Systems
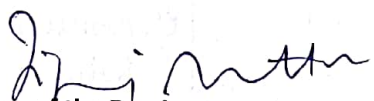
Name of the Industry: IBM

Name of the Expert: Mr.Shreekanth and Mr. Suresh Babu

Number of Students enrolled: 111

Name of the Faculty: V.Vignaraj Ananth

Date/Time/Venue: 10th and 11th of April 2015.

S.No	Reg.No	Name	Department	Signature

Signature of the Faculty Coordinator

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Course Schedule

Name of the Course: Introduction to Mainframe Systems

Name of the Industry: IBM

Name of the Expert: Mr.Shreekanth and Mr. Suresh Babu

Number of Students enrolled: 111

Name of the Faculty: V.Vignaraj Ananth

Date/Time/Venue: 10th and 11th of April 2015.

Date	Time	Topics	Remarks
Day1	9.00 TO 1	Introduction to mainframes, RAS features, Security of mainframes Enterprise computing , System z in BFSI Overview of Computers, platforms, OS , Network, data storage	
	2 TO 5	Introduction to TSO/ISPF – Commands in TSO – Overview of ISPF panels Introduction to datasets –Types of datasets – Naming conventions of datasets Introduction to SDSF – Introduction to Batch processing – PROC, PEND SYSLOG –format of messages– message identifier	
Day2	9 TO 11	System z –Enterprise management of applications JES – JES 2 & JES 3 differences – functions of JES CICS –Introduction to transaction processing – Structure of CICS regions – DFHRPL	
	11:30 TO 1	Introduction to RDB, SQL –DDL, DML, TCL &	

		DCL Features of DB2 Introduction to SPUFI – Introduction to QMF	
	2 TO 4:30	Introduction to WAS on z - connectivity between WAS and CICS – modernization options different REXX – Introduction to REXX –writing sample programs in REXX	

Signature of the Faculty coordinator

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Course Instructor Feedback for One/Two credit course

TCE-III

Name of the Course: Introduction to Mainframe Systems

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Name of the Expert: Mr.Shreekanth and Mr. Suresh Babu

Date/Time/Venue: 10th and 11th of April 2015.

	Comments
Student attendance	Good
Level of the students in understanding the concepts	Good
Any suggestions regarding new content to be included as Prerequisites/Special electives	No
Hall/Lab arrangements	Good
Hospitality	Good

Signature of the Course Instructor

Signature of Head of the Department