



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	Name of the Course	G1P - Finite Element Method for Product Development
2.	Name of the Industry	Mahindra Satyam Services Ltd, Bangalore
3.	Name of the SIG associated with	Manufacturing Engineering
4.	Motivation for offering the course	
4.1	Feedback (If yes, Details of the feedback as per the annexure I)	
	From Recruiter	Y/N
	From Employer	Y/N
	From Alumni	Yes
	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	



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

Attendance sheet for the onecredit

Name of the Course: G1P - Finite Element Method for Product Development

Name of the Expert : Dr. Ganapathi Manickam

Number of Students enrolled: 38

Name of the Faculty : Dr. M. Kathiresan

Date/Time/Venue : 13-14 Sep 2014 – 9.00am to 5.00 pm –
Mechanical Engineering Seminar Hall

Thiagarajar College of Engineering, Madurai - 625 015

(A Govt. Aided Autonomous Institution affiliated to Anna University)

Department of Mechanical Engineering

One Credit Course - G1P Finite Element Method for Product Development

Attendance Sheet: 13, 14 September 2014

Sl. No.	Reg. No.	Name	13.09.14 Fore Noon	13.09.14 After Noon	14.09.14 Fore Noon	14.09.14 After Noon	
1.	11G17	Ashok Kumar, V	V. Ashok	ABSENT	V. Ashok	V. Ashok	75%
2.	11G22	Bharath, A	A. Bharath	A. Bharath	A. Bharath	A. Bharath	
3.	11G26	Clinton, A	@hmgf	@hmgf	@hmgf	@hmgf	
4.	11G33	Giri Raj, S	S. Giri Raj	ABSENT			25%
5.	11G45	Karikalan, A. P	A.P. Karikalan	A.P. Karikalan	A.P. Karikalan	A.P. Karikalan	
6.	11G50	Kumar, R	R. Kumar	R. Kumar	R. Kumar	R. Kumar	
7.	11G79	Rajasekar, M	M. Rajasekar	M. Rajasekar	M. Rajasekar	ABSENT	75%
8.	11G92	Saravanakumar, G	G. Saravanakumar	G. Saravanakumar	ABSENT	G. Saravanakumar	75%
9.	11G93	Saravana Kumar, D.L	D.L. Saravana Kumar	D.L. Saravana Kumar	D.L. Saravana Kumar	D.L. Saravana Kumar	
10.	11G94	Saravanan, K	K. Saravanan	K. Saravanan	K. Saravanan	K. Saravanan	
11.	11G101	Siddarth, S	S. Siddarth	S. Siddarth	S. Siddarth	S. Siddarth	
12.	11G112	Vasudevan, V	V. Vasudevan	V. Vasudevan	V. Vasudevan	V. Vasudevan	
13.	11G113	Veera Jegan, A	A. Veera Jegan	A. Veera Jegan	A. Veera Jegan	A. Veera Jegan	
14.	11G114	Venkatesh, S	S. Venkatesh	S. Venkatesh	S. Venkatesh	S. Venkatesh	
15.	11G115	Vijayakumar, K	K. Vijayakumar	K. Vijayakumar	K. Vijayakumar	K. Vijayakumar	
16.	11G116	Vijaya Raghavan, C	C. Vijaya Raghavan	C. Vijaya Raghavan	C. Vijaya Raghavan	C. Vijaya Raghavan	
17.	11G120	Vinod, T	T. Vinod	ABSENT	T. Vinod	T. Vinod	
18.	11G121	Vishaal, D	D. Vishaal	ABSENT	D. Vishaal	D. Vishaal	
19.	11G123	Vivek, R	R. Vivek	R. Vivek	ABSENT	R. Vivek	75%
20.	12LG09	Karthikayan, S	S. Karthikayan	S. Karthikayan	S. Karthikayan	S. Karthikayan	
21.	12LG10	Kumaresan, U	U. Kumaresan	U. Kumaresan	U. Kumaresan	U. Kumaresan	
22.	12LG20	Praveen, C	C. Praveen	ABSENT	ABSENT	ABSENT	25%

[Signature]
Course Co-ordinator

[Signature]
19.09.14
H.D.M.E.

GIP. FEM for Product development - Attendance Sheet, 13, 14, September '14

Sl. No.	Reg. No.	Name	13.09.14 Fore Noon	13.09.14 After Noon	14.09.14 Fore Noon	14.09.14 After Noon
23.	12G24	Gopalakrishnan, S	S. Gopalakrishnan	S. Gopalakrishnan	S. Gopalakrishnan	S. Gopalakrishnan
24.	12G27	Gowtham, J	J. Gowtham	J. Gowtham	Absent -	Absent -
25.	12G34	S. Karthik	S. Karthik	S. Karthik	S. Karthik	S. Karthik
26.	12G42	Krishna Kumar, R	R. Krishna Kumar	R. Krishna Kumar	R. Krishna Kumar	R. Krishna Kumar
27.	12G51	Mohammed Raheel Basha, A	A. Raheel Basha	A. Raheel Basha	A. Raheel Basha	A. Raheel Basha
28.	12G52	Mohammed Sharif Ashik, T	T. Ashik	T. Ashik	T. Ashik	T. Ashik
29.	12G83	Sabeer, M	M. Sabeer	M. Sabeer	M. Sabeer	M. Sabeer
30.	12G88	Saravanakumar, C	C. Saravanakumar	C. Saravanakumar	C. Saravanakumar	ABSENT
31.	12G92	Senthil Nathan, B	B. Senthil Nathan	B. Senthil Nathan	B. Senthil Nathan	B. Senthil Nathan
32.	12G100	Suganth, A	A. Suganth	A. Suganth	A. Suganth	A. Suganth
33.	12G101	Sundar, G	G. Sundar	G. Sundar	G. Sundar	G. Sundar
34.	12G103	Sureshkanna, A	A. Sureshkanna	A. Sureshkanna	A. Sureshkanna	A. Sureshkanna
35.	12G108	Uthayakumar, K	K. Uthayakumar	K. Uthayakumar	K. Uthayakumar	K. Uthayakumar
36.	12G110	Velvaradhan, M	M. Velvaradhan	M. Velvaradhan	M. Velvaradhan	M. Velvaradhan
37.	12G123	Vivekanand. M	M. Vivekanand	M. Vivekanand	M. Vivekanand	M. Vivekanand
38.	13LG08	Manikandan, M	M. Manikandan	M. Manikandan	M. Manikandan	M. Manikandan

50%


Course Co-ordinator


19-09-14
for H.D.M.E.



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TCE-III

Course Schedule

Name of the Course: G1P- Finite Element Method for Product Development

Name of the Expert: Dr. Ganapathi Manickam

Number of Students enrolled: 38

Name of the Faculty: Dr. M. Kathiresan

Date/Time/Venue: 13-14 Sep 2014 – 9.00am to 5.00 pm –

Mechanical Engineering Seminar Hall

Date	Time	Topics	Remarks
Day1	9.00 am to 1.00 pm	Computer Aided Engineering- Overview , Engineering Mechanics, Strength of Materials , background to Finite Element Technology	
	2.00 pm to 5.00 pm	Modelling of the complex components- Industrial case studies (Including test correlations)	
Day2	9.00 am to 1.00 pm	Composites- Overview, Advanced Composites structures , Design of Composites	
	2.00 pm to 5.00 pm	Modelling of aspects of composites – Modelling of complex components -Industrial case studies	

Signature of the Faculty coordinator

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Course Instructor Feedback for One/Two credit course

TCE-III

Name of the Course: G1P - Finite Element Method for Product Development

Name of the Expert : Dr. Ganapathi Manickam

Number of Students enrolled: 38

Name of the Faculty : Dr. M. Kathiresan

Date/Time/Venue : 13-14 Sep 2014 – 9.00am to 5.00 pm –

Mechanical Engineering Seminar Hall

	Comments
Student attendance	Good
Level of the students in understanding the concepts	Excellent
Any suggestions regarding new content to be included as Prerequisites/Special electives	Very Good
Hall/Lab arrangements	Very Good
Hospitality	Very Good