



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

S.No	One credit course need analysis sheet	
1.	Name of the Course	G1E Welding Technology
2.	Name of the Industry	Advance Institute of welding technology, Chennai
3.	Name of the SIG associated with	Manufacturing
4.	Motivation for offering the course	To provide an exposure in the area of welding and weld testing.
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	



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE-III

Attendance sheet for the one ~~two~~ credit

Name of the Course : G1E Welding Technology
 Name of the Industry : Advance Institute of welding technology, Chennai
 Name of the Expert : Er. C. Srithar
 Number of Students enrolled: 108
 Name of the Faculty : Dr. M. Kathiresan
 Date/Time/Venue : 01-02 September 2012 (Two days)
 Computer Science Engineering department seminar hall

S. No	Reg. No	Name	Department	Signature

Signature of the Faculty Coordinator

Attendance Sheet for One credit course - G1E Welding Technology during 01 - 02 September 2012
 Class - 7th semester 'A' Section Mechanical Engineering

Sl. No	Roll No.	Reg. No.	Name of the student	Signature			
				Sep 01 FN	Sep 01 AN	Sep 02 FN	Sep 02 AN
1.	52239	09G01	ALEXANDER, X	X.A.L.	X.A.L.	X.A.L.	X.A.L.
2.	52835	09G02	ANANTHA PADMANABAN, KS	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	52809	09G03	ANISH MATHEW, S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	52229	09G09	ARAVIND, R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	52815	09G12	BALA VIGNESH, B	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	52443	09G13	BALAJI RAMAN, V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	52113	09G14	BALAJI, R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	52412	09G16	BHARATH KUMAR, K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	52610	09G19	DHARMARAJ, PK	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10.	52533	09G20	DHINESH, A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	52114	09G22	DINESH SUNDAR, G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	52240	09G23	DINESH, S	ABSENT	ABSENT	ABSENT	ABSENT
13.	52209	09G24	DINESH, D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	52617	09G30	GOWTHAM, K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	52709	09G34	JESU ANTONY IGNITIOUS, M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	52079	09G41	KARTHIKEYAN, S	ABSENT	ABSENT	ABSENT	ABSENT
17.	52511	09G42	KRISHNA KUMAR, S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	52140	09G47	MANOJ KUMAR, K	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19.	52112	09G48	MANSON, J	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20.	52313	09G49	MARIA INFANT TOM, A	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21.	52810	09G54	MUKESH, CV	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22.	52435	09G58	NAGARAJAN, N	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23.	52480	09G60	NIKKHIL STEPHAN, V	ABSENT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24.	LE515	10LG09	POUNRAJ, M	ABSENT	ABSENT	ABSENT	ABSENT

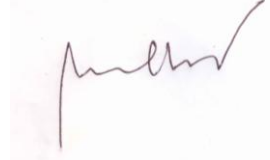
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Signature of the Faculty coordinator

Attendance Sheet for One credit course - G1E Welding Technology during 01 - 02 September 2012

Class - 7th semester 'B' Section Mechanical Engineering

Sl. No	Roll No.	Reg. No	Name of the student	Signature			
				Sep 01 FN	Sep 01 AN	Sep 02 FN	Sep 02 AN
1.	52109	09G62	NIRMAL, S	S. Nirmal	S. Nirmal	S. Nirmal	S. Nirmal
2.	52613	09G71	RAM KUMAR, G	[Signature]	[Signature]	[Signature]	[Signature]
3.	52715	09G73	RAM SUNDAR, R	[Signature]	[Signature]	[Signature]	[Signature]
4.	52793	09G80	SATHISH, S	ABSENT	ABSENT	ABSENT	ABSENT
5.	52433	09G102	VIGNESH, K	[Signature]	[Signature]	[Signature]	[Signature]
6.	52513	09G104	VIGNESH, A	A. Vignesh	A. Vignesh	A. Vignesh	A. Vignesh
7.	52414	09G105	VIGNESH, R	ABSENT	ABSENT	ABSENT	ABSENT
8.	52326	09G113	VINOTH BABU, M	M. Vinoth	M. Vinoth	M. Vinoth	M. Vinoth
9.	52102	09G118	VIVEK, R	[Signature]	[Signature]	[Signature]	[Signature]
10.	52012	09G119	YASAR ARAFATH, M	Yasar Arafath	Yasar Arafath	Yasar Arafath	Yasar Arafath
11.	52379	09G120	ZAMEEM AHAMED, S	[Signature]	[Signature]	[Signature]	[Signature]
12.	LE 522	10LG02	DINESH, S	S. Dinesh	S. Dinesh	S. Dinesh	S. Dinesh
13.	LE 520	10LG14	SASI KUMAR, V	V. Sasikumar	V. Sasikumar	V. Sasikumar	V. Sasikumar



Signature of the Faculty coordinator

Attendance Sheet for One credit course - G1E Welding Technology during 01 - 02 September 2012

Class - 5th semester 'A' Section Mechanical Engineering

Sl. No	Roll No.	Reg. No	Name of the student	Signature			
				Sep 01 FN	Sep 01 AN	Sep 02 FN	Sep 02 AN
1.	53612	10G01	ABISHEK, SK	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>
2.	53642	10G02	ANANDA RAMA MAHARAJAN, NK	<i>AN</i>	<i>AN</i>	<i>AN</i>	<i>AN</i>
3.	53915	10G03	ANBARASAN, C	ABSENT	ABSENT	ABSENT	ABSENT
4.	53505	10G05	ARUN PRASATH, P	<i>P. Arun</i>	<i>P. Arun</i>	<i>P. Arun</i>	<i>P. Arun</i>
5.	53017	10G06	ARUN, M	<i>Arun M</i>	<i>Arun M</i>	<i>Arun M</i>	ABSENT 75%
6.	53859	10G10	BABU, S	ABSENT	<i>S. Babu</i>	<i>S. Babu</i>	<i>S. Babu</i> 75%
7.	53907	10G11	BARATH, P	<i>Barath</i>	<i>Barath</i>	<i>Barath</i>	<i>Barath</i>
8.	53638	10G12	BHUVANESHWARAN, J	<i>J. Bhuvanesh</i>	<i>J. Bhuvanesh</i>	<i>J. Bhuvanesh</i>	<i>J. Bhuvanesh</i>
9.	53021	10G14	DEVENDRAN, P	<i>P. Dev</i>	<i>P. Dev</i>	<i>P. Dev</i>	ABSENT 75%
10.	53741	10G20	EALUMALAI, P	<i>P. Ealu</i>	<i>P. Ealu</i>	<i>P. Ealu</i>	<i>P. Ealu</i>
11.	53515	10G24	GANESH KUMAR, G	<i>Ganesh</i>	<i>Ganesh</i>	<i>Ganesh</i>	ABSENT 75%
12.	53506	10G26	GIMESH, A	<i>A. Gimesh</i>	<i>A. Gimesh</i>	<i>A. Gimesh</i>	<i>A. Gimesh</i>
13.	53663	10G27	GOKULAMANIKANDAN, S	<i>S. Gokul</i>	<i>S. Gokul</i>	<i>S. Gokul</i>	<i>S. Gokul</i>
14.	53321	10G29	GOVENDHAN, T	<i>T. Govendhan</i>	<i>T. Govendhan</i>	<i>T. Govendhan</i>	<i>T. Govendhan</i>
15.	53413	10G32	JEEVANANDHAM, R	<i>R. Jeevan</i>	<i>R. Jeevan</i>	<i>R. Jeevan</i>	<i>R. Jeevan</i>
16.	53439	10G34	JOSEPH STALIN, M	<i>M. J. Stalin</i>	<i>M. J. Stalin</i>	<i>M. J. Stalin</i>	<i>M. J. Stalin</i>
17.	53322	10G35	KAILASH, R	<i>R. Kailash</i>	<i>R. Kailash</i>	<i>R. Kailash</i>	<i>R. Kailash</i>
18.	53921	10G36	KANNAN, M.I	<i>M. Kannan</i>	<i>M. Kannan</i>	<i>M. Kannan</i>	<i>M. Kannan</i>
19.		10G38	KARTHIKEYAN R	<i>R. Karthikeyan</i>	<i>R. Karthikeyan</i>	<i>R. Karthikeyan</i>	<i>R. Karthikeyan</i>
20.	53910	10G41	KATHIRVEL, R	<i>R. Kathirvel</i>	<i>R. Kathirvel</i>	<i>R. Kathirvel</i>	<i>R. Kathirvel</i>
21.	53205	10G42	KESHAV S KUMAR	<i>K. Keshav</i>	<i>K. Keshav</i>	<i>K. Keshav</i>	<i>K. Keshav</i>
22.	53423	10G45	KOUSHIK VISHAL, A	<i>A. Koushik</i>	<i>A. Koushik</i>	-	<i>A. Koushik</i> 25%
23.	53443	10G46	LOURTHU RAJESH, G	<i>G. Lourthu</i>	<i>G. Lourthu</i>	<i>G. Lourthu</i>	<i>G. Lourthu</i>
24.	53912	10G50	MANIGANDAN, V	<i>V. Mani</i>	<i>V. Mani</i>	<i>V. Mani</i>	ABSENT 75%
25.	53740	10G51	MANIKANDAN, G	<i>G. Mani</i>	<i>G. Mani</i>	<i>G. Mani</i>	<i>G. Mani</i>
26.	53307	10G54	MANOJ, V	<i>V. Manoj</i>	<i>V. Manoj</i>	<i>V. Manoj</i>	<i>V. Manoj</i>
27.	53850	10G55	MARIA JEROME, J	<i>J. Maria</i>	<i>J. Maria</i>	<i>J. Maria</i>	<i>J. Maria</i>
28.	53944	10G56	MATHANA KRISHNAN, S	<i>S. Mathana</i>	<i>S. Mathana</i>	<i>S. Mathana</i>	<i>S. Mathana</i>
29.	53724	10G57	MEIYAPPAN, T	<i>T. Meiyappan</i>	<i>T. Meiyappan</i>	<i>T. Meiyappan</i>	<i>T. Meiyappan</i>
30.	53115	10G58	MOHAMED ABDULLA, S	<i>S. Mohamed</i>	<i>S. Mohamed</i>	ABSENT	<i>S. Mohamed</i>

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Signature of the Faculty coordinator

5-A

Attendance Sheet for One credit course - G1E Welding Technology during 01 - 02 September 2012

Sl. No	Roll No.	Reg. No	Name of the student	Signature				
				01-Sep PM	01-Sep AM	02-Sep PM	02-Sep AM	
31.	LEG552	11LG03	BARATH KUMAR, S	J. B. K.	Absent	Absent	Absent	25/
32.	LEG542	11LG04	CHAKKARAVARTHY, KS	K.S.K.	K.S.K.	K.S.K.	K.S.K.	
33.	LEG540	10LG07	GOKUL, K	K. G. K.	K. G. K.	K. G. K.	K. G. K.	
34.	LEG554	11LG09	HARIBALAN, M	Absent	M. H. B.	Absent	Absent	25/
35.	LEG544	11LG10	KARTHI, A	A. K.	A. K.	A. K.	A. K.	
36.	LEG528	11LG14	MAGESH, R	R. M. G.	R. M. G.	R. M. G.	R. M. G.	
37.	LEG532	11LG19	PANDIAN, J	J. P. G.	J. P. G.	J. P. G.	J. P. G.	
38.	LEG534	11LG20	PARAMASIVAM, K	K. P. S.	K. P. S.	K. P. S.	K. P. S.	
39.	LEG530	11LG25	SIVAGURU, T	Absent	Absent	Absent	Absent	
40.	LEG548	11LG28	THAMARASELVAN, M	Absent	Absent	Absent	Absent	
41.	LEG526	11LG29	UMA SANKAR, C	C. U. S.	C. U. S.	C. U. S.	C. U. S.	



Signature of the Faculty coordinator

Attendance Sheet for One credit course - G1E Welding Technology during 01 - 02 September 2012
 Class - 5th semester 'B' Section Mechanical Engineering

Sl. No	Roll No.	Reg. No.	Name of the student	Signature			
				Sep 01 FN	Sep 01 AN	Sep 02 FN	Sep 02 AN
1	52492	09G59	NAVA JEEVAN, T	[Signature]	[Signature]	[Signature]	[Signature]
2	53036	10G60	MURUGESAN, V	[Signature]	[Signature]	[Signature]	[Signature]
3	53426	10G62	NAGAMANI, R	[Signature]	[Signature]	[Signature]	[Signature]
4	53954	10G65	PALPANDI, K	[Signature]	[Signature]	[Signature]	[Signature]
5	53309	10G67	PARUCHURI SAI TEJ	ABSENT	ABSENT	ABSENT	ABSENT
6	53617	10G70	PRASHANTH, D	[Signature]	[Signature]	[Signature]	[Signature]
7	53748	10G77	RAKESH, V	[Signature]	[Signature]	[Signature]	[Signature]
8	53525	10G78	RAMVIGNESH N	[Signature]	[Signature]	ABSENT	[Signature]
9	53911	10G79	RAM KUMAR, G	ABSENT	ABSENT	ABSENT	ABSENT
10	53407	10G83	SANTHOSH, S	[Signature]	[Signature]	[Signature]	[Signature]
11	53128	10G87	SHIVALINKHAM, M	[Signature]	[Signature]	[Signature]	[Signature]
12	53734	10G88	SHUNMUGARAMAN@SURYA, M	[Signature]	[Signature]	[Signature]	[Signature]
13	53466	10G89	SHYAM CHANDER, V	[Signature]	[Signature]	[Signature]	[Signature]
14	53126	10G91	SINGARAM .RM	[Signature]	[Signature]	[Signature]	[Signature]
15	53561	10G94	SIVA KUMAR, D	[Signature]	[Signature]	[Signature]	[Signature]
16	53005	10G97	SUBASH, V	ABSENT	[Signature]	[Signature]	[Signature]
17	53808	10G103	THAVA SELVAN, S	[Signature]	[Signature]	[Signature]	[Signature]
18	53160	10G104	THISHANTH, V	[Signature]	[Signature]	[Signature]	[Signature]
19	53139	10G105	VEERA RAJA, S	[Signature]	[Signature]	[Signature]	[Signature]
20	53714	10G106	VELMURUGAN, M	[Signature]	[Signature]	[Signature]	[Signature]
21	53417	10G107	VENKATESH, K	[Signature]	[Signature]	[Signature]	[Signature]
22	53365	10G111	VIGNESH, GS	ABSENT	[Signature]	[Signature]	[Signature]
23	53517	10G112	VIGNESHWARAN, K	[Signature]	[Signature]	[Signature]	[Signature]
24	53316	10G115	VINOTH KUMAR, G	[Signature]	[Signature]	[Signature]	[Signature]
25	53965	10G117	VISHNU, S	[Signature]	[Signature]	[Signature]	[Signature]
26	53616	10G118	VIVEK ARAVINTH E	[Signature]	[Signature]	[Signature]	[Signature]
27	LEG551	11LG17	MEENAKSHI SUNDARAM M	[Signature]	[Signature]	[Signature]	[Signature]
28	LEG543	11LG23	SAKTHI, C	[Signature]	[Signature]	[Signature]	ABSENT
29	LEG533	11LG27	SYED MOHAMED QADIR, G	[Signature]	[Signature]	[Signature]	[Signature]
30	LEG555	11LG30	VENKATESH KUMAR, C	[Signature]	[Signature]	[Signature]	[Signature]

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Signature of the Faculty coordinator

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

Name of the Course : G1E Welding Technology
 Name of the Industry : Advance Institute of welding technology, Chennai
 Name of the Expert : Er. C. Srithar
 Number of Students enrolled: 108
 Name of the Faculty : Dr. M. Kathiresan
 Date/Time/Venue : 01-02 September 2012 (Two days)
 Computer Science Engineering department seminar hall

Date	Time	Topics	Remarks
Day1	01.09.2012 FN	Welding processes, Selection of consumables, selection of welding process, Types of welded joints, Weld distortion, Weldability of metals, Weld design, Welding symbols.	
	01.09.2012 AN	Welding metallurgy, Pre heat requirements, Post heat requirements, HAZ,	
Day2	02.09.2012 FN	Weld quality, welding defects, Destructive and non - destructive testing, Weld crack repairing. Quality assurance and Quality control, welding procedure, procedure qualification record,	
	02.09.2012 AN	weld performance qualification, welder qualifications, case studies on welding	

Signature of the Faculty coordinator

THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015Course Instructor Feedback for One ~~Two~~ credit course**TCE-III**

Name of the Course : G1E Welding Technology
 Name of the Industry : Advance Institute of welding technology, Chennai
 Name of the Expert : Er. C. Srithar
 Date/Time/Venue : 01-02 September 2012 (Two days)
 Computer Science Engineering department seminar hall

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