



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015  
TCE-III

S.No	One credit course need analysis sheet	
1.	Name of the Course	Signal Processing for Airborne Radar
2.	Name of the Industry	LROE, Bangalore
3.	Name of the SIG associated with	Signal Processing
4.	Motivation for offering the course	To educate student in the area of Radar used in Indian defence.
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	NIL
	At Industry	NIL
5.	Outcomes expected	
	Technology transfer	obtained Project from DLRL
	Student Internship	NIL
	Placement	NIL
	Organizing FDP/seminar at TCE	AICTE sponsored FDP on
	Collaborative research/consultancy projects	Array Signal Processing in Radar and Wireless Communication.
	Faculty as Trainee/Trainer in the Industry	during December 04-10, 2017
	Joint publications	—
	Setting up of Lab/Infrastructure	—



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Attendance sheet for the one/two credit

Name of the Course: *Signal Processing for Airborne Radar*  
 Name of the Industry: *LRDF, Bangalore*  
 Name of the Expert: *Dr. A. Vengadesan, Scientist, LRDF*  
 Number of Students enrolled: *42*  
 Name of the Faculty: *Dr. S. J. Thiruvengadam*  
 Date/Time/Venue: *08/08/2015 & 19/09/2015*

*Attendance sheet attached separately*

S.No	Reg.No	Name	Department	Signature

*S. J. Thiruvengadam*  
Signature of the Faculty Coordinator



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Course Schedule

Name of the Course: *Signal Processing for Airborne Radar*  
 Name of the Industry: *LRDE, Bangalore*  
 Name of the Expert: *Dr. A. Vengadasaran, Scientist, LRDE.*  
 Number of Students enrolled: *42*  
 Name of the Faculty: *Dr. S. J. Thiruvengadam*  
 Date/Time/Venue: *08/08/2015, 19/09/2015, 9:30 AM to 4:30 PM*  
*Agilent Lab.*

Date	Time	Topics	Remarks
Day1	9:30 to 11:00	Signal Processing for Groundbased Radar	
	11:30 to 1:00	Signal Processing for Conventional Air Borne Radar	
Day2	2:00 to 3:15	Space time adaptive processing, Clutter modeling	Dr. S. J. T.
	3:30 to 4:30	CFAR property, Adaptive matched filtering	

*S. J. Thiruvengadam*  
 Signature of the Faculty coordinator




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

Name of the Course: *Signal Processing for Airborne Radar*  
 Name of the Industry: *LRDF, Bangalore*  
 Name of the Expert: *Dr. A. Vengadesarajan, Scientist, LRDF*  
 Date/Time/Venue: *08/08/2015 & 19/09/2015, 9:30 AM to 4:30 PM*  
*Agilent Lab*

	Comments
Student attendance	<i>100%</i>
Level of the students in understanding the concepts	<i>Above Average</i>
Any suggestions regarding new content to be included as Prerequisites/Special electives	<i>One Course on Radar Systems may be introduced</i>
Hall/Lab arrangements	<i>Good</i>
Hospitality	<i>Good</i>

Signature of the Course Instructor

Signature of Head of the Department

Thiagarajar College of Engineering, Madurai-625015.  
Electronics and Communication Engineering Department  
**DIG : SIGNAL PROCESSING FOR AIRBORNE RADAR**

08/08/2015 & 19/09/2015

**B.E ECE (A section and B section)**

S.No	Reg.No	Name
1.	13D130	D.Prabhakar
2.	13D06	V.Alaguraja
3.	13D29	K.Iyshwarya Ratthi
4.	13D03	R.Abinaya
5.	13D48	S.Mohana Meenashi
6.	13D10	K.Angala Parameashwari
7.	13D28	A.Ishwarya
8.	13D23	H.S.Gomathi
9.	13D58	K.Padmaltha
10.	13D36	K.Kanimozhi
11.	13D40	K.Keerthi
12.	13D49	B.Navarajeshwari
13.	13D56	G.S.Nivetta
14.	13D117	M.Abirami
15.	13D54	K.Nivedha Priyadarshini
16.	13D135	K.Sowndarya
17.	13D111	S.Varshaa
18.	13D84	G.S.Sasi Rekha
19.	13D123	M.Esakkiammal
20.	13D83	K.V.Saranya
21.	13D65	S.Pradeepa
22.	13D80	V.Revathi
23.	13D87	K.Sathya
24.	13D89	S.Shanmuga Priya
25.	13D101	Suriya Kumar
26.	13D97	B.N.Srivatsan
27.	14TD01	M.Gopinath
28.	13D109	K.K.Vaishnavi
29.	13D79	K.Renuka
30.	13D72	A.Priyanka
31.	13D62	M.Poornima
32.	13D110	V.Varsha
33.	13D92	A.Siva Prabha
34.	13D107	E.Tirzah Japhlet
35.	13D104	S.Thenmozhi
36.	13D100	K.Supriya
37.	13D69	D.Priyadarshini

S.No	Reg.No	Name
38.	13D103	R.Tharaniya
39.	13D27	D.Indhuja
40.	13D53	V.Nithya
41.	13D85	P.Sastha Kanagasabai
42.	13D09	N.Angalaeswari @ Thivya

S. J. Thivya  
Signature of the Faculty coordinator