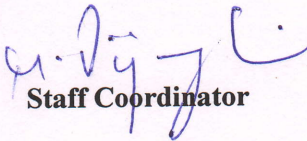


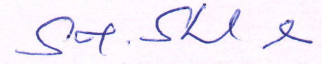


**THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015**  
**TCE - III**

S.No	One credit course need analysis sheet	
1.	<b>Name of the Course</b>	Basics of Application Security
2.	<b>Name of the Industry</b>	Honeywell Technology Solutions, Bangalore
3.	<b>Name of the SIG associated with</b>	Networks and Security
4.	<b>Motivation for offering the course</b>	Digital infrastructures and information networks have become central to any business activity. The information residing on these computers, networks and in cloud are an essential asset and due care should be taken for its security. The impact of any loss of this asset or any downtime of the infrastructure is quite high with the proliferation of easy-to-use tools and open how-to-discussions, the number of people aiming to hack in to or bring down the network is high, both in this country and abroad. Hence, there is a need for awareness on security measures and secure programming.
4.1	<b>Feedback</b> <b>(If yes, Details of the feedback as per the annexure I)</b>	
	<b>From Recruiter</b>	N
	<b>From Employer</b>	N
	<b>From Alumni</b>	Y
	<b>From Academic Council members</b>	N
	<b>From Board of Studies members</b>	N
	<b>From Senior students</b>	N
	<b>From current students</b>	N
	<b>From Performance Assessment Committee</b>	N
	<b>From Department Advisory</b>	N

	<b>committee</b>	
<b>4.2</b>	<b>Faculty participation in Seminar/FDP (If yes, details) No</b>	
	<b>At higher learning institutes</b>	
	<b>At Industry</b>	
<b>5.</b>	<b>Outcomes expected</b>	
	<b>Technology transfer</b>	<ul style="list-style-type: none"> <li>• Understand the concepts of Information and Application Security.</li> <li>• Apply the secure coding principles while developing real time applications.</li> <li>• Analyze different types of attacks on web applications.</li> </ul>
	<b>Student Internship</b>	
	<b>Placement</b>	
	<b>Organizing FDP/seminar at TCE</b>	
	<b>Collaborative research/consultancy projects</b>	
	<b>Faculty as Trainee/Trainer in the Industry</b>	
	<b>Joint publications</b>	
	<b>Setting up of Lab/Infrastructure</b>	

  
Staff Coordinator

  
HDCSE

## C1D - Basics of Application Security

### Students Enrollment List

S.NO	Reg.NO	Name	Section
1.	14C01	Abarna R	A
2.	14C03	Abishna M	A
3.	14C07	Almaas A	A
4.	14C08	Anesha S	A
5.	14C09	Anuja N	A
6.	14C13	Bagya Shree C.M	A
7.	14C15	Balan S	A
8.	14C16	Biruntha S	A
9.	14C17	Chandreswari S	A
10.	14C18	Deekshana V	A
11.	14C19	Deepa R	A
12.	14C28	Ganesh Kumar K	A
13.	14C30	George Antony Jino J	A
14.	14C49	Karthik S	A
15.	14C56	MahaAdhithiyan M	A
16.	14C125	Bharathi G	A
17.	14C127	Dinesh S	A
18.	14C132	Mohammed Malik R	A
19.	14C62	Minna S.A	B
20.	14C67	Nachiappan L	B
21.	14C80	Prithviraaj R.S	B
22.	14C82	Priya M.K	B
23.	14C83	Priyanga R	B
24.	14C85	Ramarajapandian K	B
25.	14C91	Sandhiya K	B
26.	14C99	Sharmila A	B
27.	14C101	ShyamCharan S	B
28.	14C105	Subhulakshmi M	B
29.	14C113	TuwittaKanguma J	B
30.	14C115	Uma Devi B	B
31.	14C116	Usha R	B
32.	14C117	Vadivarasi A	B
33.	14C124	Baskar B	B
34.	14C128	JEYASHREE DEIVANAI N	B
35.	14C129	KALAIVANI M	B
36.	14C130	KAVITHA R	B
37.	14C135	PRADHEEPKUMAR A	B
38.	14C140	SRIDEVI R.R	B
39.	14C143	SWATHI A	B

M. Vijay L



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

Course Schedule

Name of the Course: Basics of Application Security

Name of the Industry: Honeywell Technology Solutions, Bangalore

Name of the Expert: N.Ravi, Sr. Cyber Security Analyst and C.Menaka,

Number of Students enrolled: 39

Name of the Faculty: M.Vijayalakshmi

Date/Time/Venue: 15/07/2017, 16/07/2017/09:00 to 4:30/CSE Seminar Hall

Date	Time	Topics	Remarks
Day1	09:00	Introduction to Web Architecture, Common Protocols (SSL/HTTP), Cryptography, CIA, Authentication & Authorization	COMPLETED
	11:00	Secure SDLC, Web App Threats, Vulnerabilities and Attacks	COMPLETED
	2:00	Web Application Security	COMPLETED
	03:00	OWASP Top 10	COMPLETED
Day2	09:00	Demo of common web application attacks and Mitigations for each attacks	COMPLETED
	11:00	Demo of DOS attack on Wi-fi Router	COMPLETED
	2:00	Demo of reverse analysis of Firmware file	COMPLETED
	3:00	Conducted Written Assessment based on topics covered (OWASP top 10)	COMPLETED

*Ravi KN* (RAVI KN)  
 Signature of the Expert

*M. Vijay L*  
 Signature of the Faculty coordinator

*C. Menaka* (C. MENAKA)



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

Course Instructor Feedback for One/Two credit course

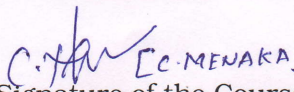
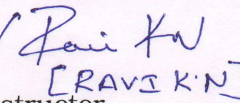
Name of the Course: Basics of Application Security


Name of the Industry: Honeywell Technology Solutions, Bangalore

Name of the Expert: Mr. N.Ravi, Sr. Cyber Security Analyst and C.Menaka

Date/Time/Venue: 15/07/2017 to 16/07/2017 / 09:00 to 04:30 / CSE Seminar Hall

	Comments
Student attendance	Around 4 boys skipped 15 <sup>th</sup> July - Second session -
Level of the students in understanding the concepts	Average
Any suggestions regarding new content to be included as Prerequisites/Special electives	Students lack in soft skills. Basics of Networks, OS Concepts has to be made clear.
Hall/Lab arrangements	Good
Hospitality	Good

 [C.MENAKA] /  [RAVI K N]  
 Signature of the Course Instructor

  
 Signature of Head of the Department