



THIAGARAJAR COLLEGE OF ENGINEERING - MADURAI 625 015
TCE - III

S.No	One credit course need analysis sheet	
1.	Name of the Course	Basics of Application Security
2.	Name of the Industry	Honeywell Technology Solutions, Bangalore
3.	Name of the SIG associated with	Networks and Security
4.	Motivation for offering the course	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	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	N

	committee	
4.2	Faculty participation in Seminar/FDP (If yes, details) No	
	At higher learning institutes	
	At Industry	
5.	Outcomes expected	
	Technology transfer	<ul style="list-style-type: none"> • Understand the concepts of Information and Application Security. • Apply the secure coding principles while developing real time applications. • Analyze different types of attacks on web applications.
	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	


Staff Coordinator


HDCSE



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TCE-III

Attendance sheet for the one/two credit

Name of the Course: Basics of Application Security
Name of the Industry: Honeywell Technology Solutions, Bangalore
Name of the Expert: Mr. N.Ravi and P.Prasanth
Number of Students enrolled: 67
Name of the Faculty: Dr. M. Vijayalakshmi
Date/Time/Venue: 15th and 16th of September 2018 / 9 to 4 / CSE Seminar Hall

S.No	Reg.No	Name	Department	Signature			
				15/9 FN	15/9 AN	16/9 FN	16/9 AN
1.	14C06	Alagammai Alias Uma N	CSE				
2.	15C001	Aarthi R	CSE	Aarthi	Aarthi	Aarthi	Aarthi
3.	15C003	Abinaya V	CSE	V. Abinaya	V. Abinaya	V. Abinaya	V. Abinaya
4.	15C004	Abirami R	CSE	R. Abirami	R. Abirami	R. Abirami	R. Abirami
5.	15C005	Adarsh N	CSE	N. Adarsh	N. Adarsh	N. Adarsh	N. Adarsh
6.	15C006	Adithya R	CSE	R. Adithya	R. Adithya	R. Adithya	R. Adithya
7.	15C007	Ahamed Yasir O.M	CSE	Yasir O.M	Yasir O.M	Yasir O.M	Yasir O.M
8.	15C008	Aishwarya S	CSE	S. Aishwarya	S. Aishwarya	S. Aishwarya	S. Aishwarya
9.	15C009	Ajitha S	CSE	S. Ajitha	S. Ajitha	S. Ajitha	S. Ajitha
10.	15C011	Akilan R.J	CSE	R.J. Akilan	R.J. Akilan	R.J. Akilan	R.J. Akilan
11.	15C014	Amala Jennifer I	CSE	I. Amala	I. Amala	I. Amala	I. Amala
12.	15C015	Amirthalingam R	CSE	R. Amirthalingam	R. Amirthalingam	R. Amirthalingam	R. Amirthalingam
13.	15C017	Annie Cheryl Johanna P	CSE	P. Annie	P. Annie	P. Annie	P. Annie
14.	15C018	Aparna A	CSE	A. Aparna	A. Aparna	A. Aparna	A. Aparna
15.	15C019	Archana P	CSE	P. Archana	P. Archana	P. Archana	P. Archana
16.	15C020	Arun Kumar V	CSE	V. Arun Kumar	V. Arun Kumar	V. Arun Kumar	V. Arun Kumar
17.	15C022	Balachandran S	CSE	S. Balachandran	S. Balachandran	S. Balachandran	S. Balachandran
18.	15C025	Chockalingam M	CSE	M. Chockalingam	M. Chockalingam	M. Chockalingam	M. Chockalingam
19.	15C026	Deepakumar M	CSE	M. Deepakumar	M. Deepakumar	M. Deepakumar	M. Deepakumar
20.	15C031	Eveline Jemima P	CSE	P. Eveline	P. Eveline	P. Eveline	P. Eveline
21.	15C033	Giri S	CSE	S. Giri	S. Giri	S. Giri	S. Giri
22.	15C035	Gokulakannan S	CSE	S. Gokulakannan	S. Gokulakannan	S. Gokulakannan	S. Gokulakannan
23.	15C036	Gomathinathan S	CSE	S. Gomathinathan	S. Gomathinathan	S. Gomathinathan	S. Gomathinathan
24.	15C037	Gomathy Meena B	CSE	B. Gomathy Meena	B. Gomathy Meena	B. Gomathy Meena	B. Gomathy Meena
25.	15C038	Harini P	CSE	P. Harini	P. Harini	P. Harini	P. Harini
26.	15C040	Harsh Veena S	CSE	S. Harsh Veena	S. Harsh Veena	S. Harsh Veena	S. Harsh Veena
27.	15C041	Hirishi S	CSE	S. Hirishi	S. Hirishi	S. Hirishi	S. Hirishi
28.	15C046	Kanishkadevi M.D	CSE	M.D. Kanishkadevi	M.D. Kanishkadevi	M.D. Kanishkadevi	M.D. Kanishkadevi

M. Vijayalakshmi

29.	15C047	Karankumar M	CSE	M.K.K.	M.K.K.	M.K.K.	M.K.K.
30.	15C048	Karthik M	CSE	M.Karthik	M.Karthik	M.Karthik	M.Karthik
31.	15C052	Keerthana R	CSE	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana
32.	15C054	Keerthana K	CSE	K.Keerthana	K.Keerthana	K.Keerthana	K.Keerthana
33.	15C055	Kirupakaran K	CSE	K.Kirupakaran	K.Kirupakaran	K.Kirupakaran	K.Kirupakaran
34.	15C061	Mahalakshmi V	CSE	V.Mahalakshmi	V.Mahalakshmi	V.Mahalakshmi	V.Mahalakshmi
35.	15C062	Maheswari MS	CSE	M.S.M.	M.S.M.	M.S.M.	M.S.M.
36.	15C065	Muthu Vivek P	CSE	P.M.Vivek	P.M.Vivek	P.M.Vivek	P.M.Vivek
37.	15C067	Nachammai S	CSE	S.Nachammai	S.Nachammai	S.Nachammai	S.Nachammai
38.	15C068	Nakul Ananth S	CSE	S.Nakul	S.Nakul	S.Nakul	S.Nakul
39.	15C069	Neelakandan SSG	CSE	S.Neelakandan	S.Neelakandan	S.Neelakandan	S.Neelakandan
40.	15C073	Nivetha B	CSE	B.Nivetha	B.Nivetha	B.Nivetha	B.Nivetha
41.	15C074	Parthasarathy L	CSE	L.Parthasarathy	L.Parthasarathy	L.Parthasarathy	L.Parthasarathy
42.	15C075	Pramila Dhevi M	CSE	M.Pramila Dhevi	M.Pramila Dhevi	M.Pramila Dhevi	M.Pramila Dhevi
43.	15C076	Praveen S	CSE	S.Praveen	S.Praveen	S.Praveen	S.Praveen
44.	15C077	Preethi S.R	CSE	R.Preethi	R.Preethi	R.Preethi	R.Preethi
45.	15C081	Rajalakshmi P	CSE	P.Rajalakshmi	P.Rajalakshmi	P.Rajalakshmi	P.Rajalakshmi
46.	15C083	Reva Balasundaram	CSE	B.Reva	B.Reva	B.Reva	B.Reva
47.	15C084	Rishi Rajkumar J	CSE	J.Rishi Rajkumar	J.Rishi Rajkumar	J.Rishi Rajkumar	J.Rishi Rajkumar
48.	15C085	Rithu Bharathi K	CSE	K.Rithu	K.Rithu	K.Rithu	K.Rithu
49.	15C087	Sairaman K	CSE	K.Sairaman	K.Sairaman	K.Sairaman	K.Sairaman
50.	15C088	Sakthi Iyswarya J	CSE	J.Sakthi Iyswarya	J.Sakthi Iyswarya	J.Sakthi Iyswarya	J.Sakthi Iyswarya
51.	15C090	Sankaran N	CSE	N.Sankaran	N.Sankaran	N.Sankaran	N.Sankaran
52.	15C091	Santhosh SM	CSE	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh
53.	15C092	Saranya P	CSE	P.Saranya	P.Saranya	P.Saranya	P.Saranya
54.	15C094	Sasikumar M	CSE	M.Sasikumar	M.Sasikumar	M.Sasikumar	M.Sasikumar
55.	15C102	Subalakshmi V	CSE	V.Subalakshmi	V.Subalakshmi	V.Subalakshmi	V.Subalakshmi
56.	15C105	Sujitha D	CSE	D.Sujitha	D.Sujitha	D.Sujitha	D.Sujitha
57.	15C106	Sundhar V	CSE	V.Sundhar	V.Sundhar	V.Sundhar	V.Sundhar
58.	15C107	Supraja T.R.D	CSE	D.T.R.D. Supraja	D.T.R.D. Supraja	D.T.R.D. Supraja	D.T.R.D. Supraja
59.	15C110	Surya Prakash KS	CSE	S.KS. Surya Prakash	S.KS. Surya Prakash	S.KS. Surya Prakash	S.KS. Surya Prakash
60.	15C117	Veena K	CSE	K.Veena	K.Veena	K.Veena	K.Veena
61.	15C120	Yugakiruthika AB	CSE	AB.Yugakiruthika	AB.Yugakiruthika	AB.Yugakiruthika	AB.Yugakiruthika
62.	15C124	Dhinesh R	CSE	R.Dhinesh	R.Dhinesh	R.Dhinesh	R.Dhinesh
63.	15C130	Guru Narayanan M	CSE	M.Guru Narayanan	M.Guru Narayanan	M.Guru Narayanan	M.Guru Narayanan
64.	15C133	Kathirvel N	CSE	N.Kathirvel	N.Kathirvel	N.Kathirvel	N.Kathirvel
65.	15C136	Muthu Mariyappan G	CSE	G.Muthu Mariyappan	G.Muthu Mariyappan	G.Muthu Mariyappan	G.Muthu Mariyappan
66.	15C138	Prasanth K.K	CSE	K.K.Prasanth	K.K.Prasanth	K.K.Prasanth	K.K.Prasanth
67.	15C142	Sundaravelan K	CSE	K.Sundaravelan	K.Sundaravelan	K.Sundaravelan	K.Sundaravelan

Signature of the Faculty Coordinator



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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 P.Prashanth
 Date/Time/Venue: 15/09/2018 to 16/09/2018 / 09:00 to 04:30 / CSE Seminar Hall

	Comments
Student attendance	ALMOST ALL ATTENDED
Level of the students in understanding the concepts	STUDENTS WERE VERY INTERACTIVE THE BY ASKING QUESTIONS
Any suggestions regarding new content to be included as Prerequisites/Special electives	NIL
Hall/Lab arrangements	STAFFS VERY SUPPORTIVE
Hospitality	VERY GOOD HOSPITALITY GIVEN

P. Prashanth
P. Prashanth

Signature of the Course Instructor

S. Prashanth

Signature of Head of the Department



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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 P.Prashanth,
 Number of Students enrolled: 67
 Name of the Faculty: Dr. M.Vijayalakshmi
 Date/Time/Venue: 15/09/2018,16/09/2018/09:00 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	CONCEPTS COVERED in PPT
	11:00	Secure SDLC , Web App Threats, Vulnerabilities and Attacks	DELIVERED in PPT
	2:00	Web Application Security	Delivered
	03:00	OWASP Top 10	shown
Day2	09:00	Demo of common web application attacks	POC was shown
	11:00	Secure Coding	Concepts
	2:00	Vulnerable codes	well
	3:00	Host Security, Database Security	Executed

P. Prashanth

P. Prashanth
Signature of the Expert

M. Vijayalakshmi
Signature of the Faculty coordinator