

R.M.D ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CYBER SECURITY CENTRE OF EXCELLENCE

The centre of excellence for CYBER SECURITY was inaugurated in R.M.D Engineering College in the academic year 2017 - 18 for the students.



ABOUT CYBER SECURITY CENTRE OF EXCELLENCE

The Management of the R.M.D. Engineering College intends to provide students with in-depth training in niche areas so that the students are job ready and contribute early in their working career. In line with this vision, identified the key technology as Cyber Security as the area of focus for the branches of Computer Science and Engineering & Information Technology in the year 2017-2018 and associated with Tata Consultancy Services. Each year in CSCoE 20 B.E. CSE students & 10 B.Tech IT students are selected based on the performance in the programming test as well as evaluation test conducted in the area of network and general awareness about security. As more students are being benefitted from this CSCoE the number of

students to be selected is also increased. Many guest lectures are arranged from various esteemed organization like Tata Consultancy Services, Infosys, Cognizant Technology Solutions etc., As part of Cyber Security Centre of Excellence (CoE) students in third year are allotted projects in Security domain. Each semester three days to five days training are provided Vulnerability Management, Log Management, Application Security, Network Security and Web Security.

THE ADVISORY COMMITTEE

1. Mr.Ganesh Srinivasan

Director – Security Expert, CTS

2. Mr.N.Venugopal

Director, Security Engineering

Check Point Software Technologies

3. Mr.Ananda Narayanan

Cyber Security Practice TCS

4. Mr.Natarajan Swaminathan

Cyber Security Practice TCS

5. Mr.Prakash Attili

Principal - Education , Training. And Assessment, DC manager, Infosys

6. Mr.Arockiam

Security Expert, CTS

THE TEAM

1. Dr. K.K. Sivagnana Prabhu

Head and Training Corporate Affairs

R.M.K. Group of Institutions

2. Ms. Kalpana

Assistant Professor, Coordinator CSCOE, RMKEC

3. Ms. Remya Rose S

Assistant Professor, Coordinator CSCOE, RMDEC

4. Ms. S. Indra Priyadharshini

Assistant Professor, Coordinator CSCOE (SPOC), RMKCET

THE PLAN

Second Year

- ✓ Student Selection Process
- ✓ Basic Training
- ✓ Group Formation as per TCS Curriculum
- ✓ Guest Lectures by Industry Experts

Third Year

- ✓ Group Specific Training
- ✓ Online Courses
- ✓ Project development
- ✓ Corporate Contests
- ✓ Internships

Final Year

- ✓ Corporate Contests
- ✓ Placement

SELECTION CRITERIA

- Coding test will be conducted through Skill Rack Portal.
- It comprises of Programming in C / JAVA / Python.
- Time duration of the test will be 1 Hour 30 Minutes.
- Students are expected to clear all the test cases in the programming section as the marks are awarded on the basis of clearance of test cases in various levels of programs.
- Students will be selected purely based on their performance in the coding test.

NO. OF STUDENTS IN CYBER SECURITY CoE

- 2018-2022 - 41 (21 - CSE, 20 - IT)
- 2017-2021 - 17 (11 - CSE, 06 - IT)
- 2016-2020 - 29 (19 - CSE, 10 - IT)
- 2015-2019 - 26 (16 - CSE, 10 - IT)
- 2014-2018 - 30 (20 - CSE, 10 - IT)

CSCOE ACTIVITIES

YEAR: 2019-20

Date	Activities
08.9.2020to 10.09.2020	Refresher Placement Training
27.08.2020	Workshop and FDP on cybersecurity by Mr. A.Venugopal, TCS
26.08.2020- 30.08.2020	Mock Interview conducted by TCS placed alumni Ms.Jayasri
11.06.2020	Webinar on "Endpoint Security and Malware Analysis" by Mr. Sidharth Sandra Prabhu, Network Engineer, CSS Corporation
09.06.2020	Webinar on "Cyber Attacks and Kali Linux Tools", by Mr. Nisarg Acharya, Cyber Security Trainer and Consultant.
14.05.2020	Webinar on "Block Chain" by Ms. Jayashree Padmanabhan, EU Research Project Assistant at EURNEX, Germany
29.04.2020	Webinar on Active Directory and Penetration Testing, by Mr. Kumaresh V, Project Engineer(Cyber Security), Wipro Technologies.
22.02.2020	Workshop on "How to crack Hack Quest" by Mr.Navneeth.K, Assistant System Engineer , TATA Consultancy Services.
08.02.2020	Guest Lecture on "Path way to Cyber Security" by Mr.Kumaresh, Project Engineer, Wipro Ltd.,
06.01.2020	Guest Lecture on "Top 10 Vulnerabilities" by Mr.Natarajan Swaminathan, Senior Consultant, Cyber Security Practice, TATA Consultancy Services
17.10.2019	Roadshow on "Hack Quest season 4" by M/S. TATA Consultancy Services
14.06.2019 to 15.06.2019 & 17.06.2019 to 19.06.2019	Phase 2 Training on "Cyber Security Concepts, TCS Curriculum" by Dr.G.Amudha, CoE SPoC, RMD Engineering College
26.08.2019	Cyber Security Corporate contest "Capture the Flag: conducted by M/S. Rex

	cyber Solutions.
09.03.2019	Special Guest Lecture on "Insight into Cyber Security" by Mr.Apparao Doddi, Head- Application Security & CPG units.

Academic Year : 2018-19

Date of the Event	Details of the Event
08.01.2019	Mr.Harish Raja &Mr.Prajul , Manager, Information Security – Infosys Ltd., conducted a workshop on “SIEM and Application Security Essentials”
22.12.2018	Mr.Frederick Stanislaus, Director, cyber Security –CTS will deliver a guest lecture on “Security Incident and Event Management”
30.11.2018 – 05.12.2018	Ms.Amudha.G, Cyber Security CoECoordinator conducted 5 days training session on“SIEM, Vulnerability Management and Application Security”
19.11.2018	Tata Consultancy Services conducted FDP on Cyber Security – Network Security Tools
16.11.2018 – 17.11.2018	Ms.Amudha, Cyber Security CoE Coordinator conducted 2 days training session on “Cryptography and Network Security tools using Kali Linux”
10.08.2018	Mr.Stalin Benny , Project Manager, HCL technologies Ltd., conducted a workshop on “ Preparing for Cyber Security Interview”
07.08.2018	Ms.Amudha.G, Cyber Security CoE Coordinator conducted a session “Road Show on Cyber Security CoE”
23.05.2018 – 25.05.2018	Ms.Amudha.G, Cyber Security CoE Coordinator conducted a training programme on “TCS Curriculum”
24.03.2018	Mr.Nirmal Kumar, Senior Consultant, Cyber Security Practice, Tata Consultancy Services conducted a guest lecture on “Security Log Management and Monitoring for fraud activity, AV Management and Penetration Testing”

Academic Year : 2017-18

Date of the Event	Details of the Event
--------------------------	-----------------------------

16.2.2018	Mr. Sam Varun , Incident Handler, The World Bank delivered a lecture on "Preparing for Cyber Security Career"
12.2.2018	Road Show for Cyber Security CoE students conducted by Ms.Mrudula, Mr.Nirmal Kumar & Ms.Usha , Cyber Security Practice, Tata Consultancy Services
24.1.2018	Ms.G.Amudha, ISCoE coordinator & Head of the Department, Training & Corporate Affairs interacted with TCS Cyber Security Experts at Chennai One ,TCS ,Thoraipakkam.
19-07-2017	Guest Lecture on "Opportunities in Information / Cyber Security Domain", Mr.Natarajan Swaminathan, Senior Consultant – Enterprise Security and Risk Management, TCS.
22-07-2017	Guest Lecture on "Trends and Future of Information Security”, Mr. Ananda Narayanan G,Consultant, TCS
26-09-2017	Guest Lecture on “Career Opportunities in Information Security”, Mr. Prakash Atili - Principal - Education, Training & Assessment, Infosys
18-12-2017 & 19-12-2017	Cognizant Faculty Development Program on “Cyber Security” at Cognizant Office, SEZ, Shollinganallur, Chennai

PLACEMENT DETAILS

Year	No. of Students Attended	No. of Students placed in TCS-CSP	No. of Students placed in Product Based Companies	No. of Students placed through Corporate Contests	No. of Students placed in Service based Companies	Total No. of Students Placed
2019-20	28	7	7	2	11	27
2018-19	26	4	1	-	19	24
2017-18	30	3	12	-	15	30

PLACEMENT DETAILS

Since the students of this CoE have undergone more training it is also benefitted in their placement where more number of students are being placed in top companies and also placed in TCS - Cyber security Practice with which we have tie up also.

Batch : 2016-20

Number of Enrolled Students: 28

Number of Placed Students: 27

S.No	Register Number	Name	Department	Name of the Company
1	111516104039	KARTHICK.E	CSE	CODA GLOBAL
2	111516104018	DIVYA S R	CSE	CTS
3	111516104062	N SSHA SAI GAYATHRI	CSE	CTS
4	111516205025	KARTHICK KUMAR N	IT	CTS
5	111516205051	SRIVATHSAN S	IT	CTS
6	111516205057	VALLABHANENI SRUTHI	IT	CTS
7	111516104108	THULASI RAM N	CSE	HUB STREAM
8	111516104060	NANDHINI R	CSE	NEW GEN
9	111516104071	OBULIRAJ S	CSE	NEW GEN
10	111516205041	PINNINTI VENKATESH	IT	NEW GEN
11	111516104002	AKASH	CSE	TCS
12	111516104013	D RAJENDIRAN	CSE	TCS
13	111516104035	JAYASRI T	CSE	TCS
14	111516104072	PADMA BHARATHI T S	CSE	TCS
15	111516104105	THAILA K	CSE	TCS
16	111516104115	VENI I	CSE	TCS
17	111516205028	KIRUTHIKA K	IT	TCS
18	111516104086	RUPINI H	CSE	TCS_NINJA, WIPRO,CTS

19	111516104015	DHANUSH BABU R	CSE	WIPRO
20	111516205009	BHAKYALAKSHMI B	IT	WIPRO, TCS_NINJA, CTS, INFOSYS
21	111516104003	AMEEN BASHA M K	CSE	ZOHO
22	111516104009	BHUVANESH	CSE	ZOHO
23	111516205002	ABHISHEK M	IT	ZOHO
24	111516205022	JEGHITHRAN J	IT	ZOHO
25	111516205048	SANJAY R	IT	ZOHO
26	111516104043	KONUDULA SAIPRIYA	CSE	SUTHERLAND
27	111516104113	V REVANTH KUMAR REDDY	CSE	BNP Paribas India Solutions

Batch : 2015-19

Number of Enrolled Students: 26

Number of Placed Students: 24

S.No	Register Number	Name	Department	Name of the Company
1	111515104023	DIVYA V	CSE	Market Simplified India Pvt. Ltd.,
2	111515104006	BAYYA SOWMYA	CSE	New Gen Software Technologies Pvt Ltd.,
3	111515104111	YARASU HARIKA	CSE	Infosys/CTS
4	111515104101	VARSHI.G	CSE	Flex
5	111515104077	RUCKMANI SHURUTHI	CSE	TCS CSP
6	111515104067	POOJA S	CSE	TCS CSP
7	111515104047	LALAGARI POOJITHA	CSE	TCS CSP

8	111515104115	YELLURI SREEJA	CSE	Infosys
9	111515104068	POOJA SRIDHARAN	CSE	Flex
10	111515104085	SONIYA.M	CSE	Infosys
11	111515104062	P RACHANASREE	CSE	Infosys
12	111515104065	POLAVARAM LATHISH	CSE	Infosys/CTS/Wipro
13	111515104052	MAHALAKSHMI R	CSE	TCS CSP
14	111515104010	BORRA SREYAS	CSE	BNP Paribas India Solutions
15	111515205014	DHARSAJINI R	IT	Flex
16	111515205015	DHERASA D	IT	TATA ELXI
17	111515205056	SWARNA SANDHIYA K	IT	Infosys/Wipro/CTS
18	111515205024	KALAIVANI N	IT	Virtusa Intern
19	111515205059	VIGNESH U	IT	CTS
20	111515205046	SARANYA S	IT	Infosys/CTS
21	111515205018	HARITHA M	IT	CTS
22	111515205021	ISHWARYA A E	IT	Infosys
23	111515205053	SUBIKSHA P B	IT	Amazon
24	111515205041	ROHINI S	IT	CTS

Batch : 2014-18

Number of Enrolled Students: 30

Number of Placed Students: 30

S.No	Register Number	Name	Department	Name of the Company
1	111514104004	AJAY ANAND C	CSE	BNP PARIBAS
2	111514104006	AKILA L	CSE	INFOSYS
3	111514104008	AKSHAYA SHREE S	CSE	INFOSYS
4	111514104009	ANITHA M	CSE	-
5	111514104011	AVULA MAHITHA	CSE	INFOSYS
6	111514104019	CHUNDURI KEERTHANA	CSE	-
7	111514104020	DAMA MANASA	CSE	INFOSYS
8	111514104021	DAMISETTY PRANITHA	CSE	ATOS
9	111514104022	DARWIN R	CSE	WIPRO
10	111514104028	FATHIMA BEEBI A	CSE	SRF
11	111514104029	GANDHE PRIYANKA	CSE	INFOSYS
12	111514104030	HEMA PRIYA C B	CSE	WIPRO
13	111514104034	KARTHIKA M G	CSE	INFOSYS
14	111514104038	KOPPALLI NAGA SOWMYA	CSE	INFOSYS
15	111514104040	MADHULAPALLI SUHASINI	CSE	MIND TREE
16	111514104057	PABOLU SOUNDARYA	CSE	INFOSYS
17	111514104058	PASUPULETI SRINITHA	CSE	LTI
18	111514104065	PRASUNNA SRI M	CSE	CTS
19	111514104098	SUTHANDIRA S M	CSE	IBM

20	111514104102	TALANKI VENKATA SAI PUJITHA	CSE	TCS
21	111514205004	ANUSHA S	IT	INFOSYS
22	111514205012	BLESSLIN JEBA SHINY A	IT	ATOS
23	111514205014	DEEPIKA S	IT	INFOSYS
24	111514205016	GOMATHI G	IT	TCS
25	111514205024	KUDITHIPUDI DEEPA	IT	HCL
26	111514205038	RAVILLA DEEPIKA	IT	TCS
27	111514205039	REHMAN KHAN S	IT	VIRTUSA
28	111514205041	SANJANA R	IT	VIRTUSA
29	111514205050	SRUTHI S	IT	INFOSYS
30	111514205054	SWETHA A M	IT	L&T

BENEFITS OF COE

- ❖ Students got trained by industrial persons.
- ❖ Students got placed under CoEs.
- ❖ Students gained practical information along with theoretical knowledge.