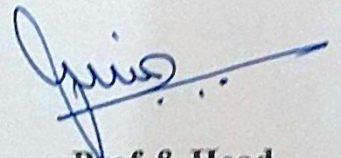


Dr. Ambedkar Institute of technology, Bengaluru-56  
Department of Computer Science & Engineering

The enclosed documents are verified & approved.



**Prof & Head**

Dr. Siddaraju

Department of Computer Science & Engineering

**Professor & Head**  
Department of Computer Science & Engineering  
Dr. Ambedkar Institute of Technology  
Bangalore-560 056.



vinutha H &lt;vinuthah@gmail.com&gt;

## Campus Visit/Offline Orientation Session - TNSIF and Capgemini CSR Program - 25th Apr 2022

Vikas &lt;vikasbo@tnsif.org&gt;

Fri, Apr 15, 2022 at 5:58 PM

To: ವಿನುತ ಹೆಚ್ &lt;vinuthah@gmail.com&gt;, vinuthah.cs@drait.edu.in

Cc: siddaraju.ait@gmail.com, dean.iii@drait.edu.in, Subhro Chakraborty &lt;schakraborty@tns.org&gt;, Avijit Arya &lt;arya@tnsif.org&gt;, Sanjana B &lt;sanjanab@tnsif.org&gt;, Gayatri Vastrad &lt;gvastrad@tnsif.org&gt;

Dear Prof. Vinutha madam,

Requesting your help in forwarding the below **message + poster to all the final year unplaced students**

#####

Dear students,

We are happy to start **Java Full Stack Developer Course through Capgemini CSR program**

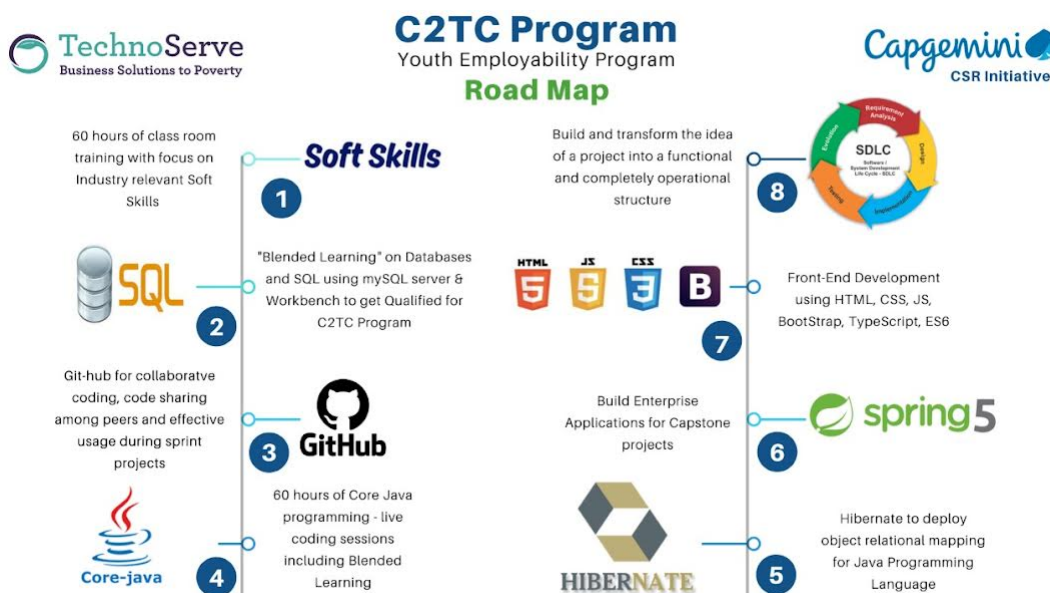
Upon completion of training, you will get placement opportunities with Capgemini and other IT companies

Kindly use the below link to register

<https://forms.gle/THAWwaLa1wN16YKn9>

Highlights about our program:

1. The training and placement assistance is **free of cost**
2. Upon **screening process in the first 5 days**, you will be incubated to free of cost training and placement assistance
3. This program is only for **2022** engineering/degree completed students
4. Eligible Courses: **BE/BTech, MCA only**
5. Eligible Branches: **All branches of engineering**
6. This is only for **unplaced students**

To know more join to the below **whatsapp group**:<https://chat.whatsapp.com/HgpKKnY5odeEPoRUawK3H6>

[Quoted text hidden]



vinutha H &lt;vinuthah@gmail.com&gt;

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## Campus Visit/Offline Orientation Session - TNSIF and Capgemini CSR Program - 25th Apr 2022

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**Vikas** <vikasbo@tnsif.org>

Thu, Apr 14, 2022 at 3:20 PM

To: ವಿನುತ ಹೆಚ್ &lt;vinuthah@gmail.com&gt;, vinuthah.cs@drait.edu.in

Cc: siddaraju.ait@gmail.com, dean.iii@drait.edu.in, Subhro Chakraborty &lt;schakraborty@tns.org&gt;, Avijit Arya &lt;arya@tnsif.org&gt;, Sanjana B &lt;sanjanab@tnsif.org&gt;, Gayatri Vastrad &lt;gvastrad@tnsif.org&gt;

Dear Prof. Vinutha madam,

Hope you are doing well

We are happy to visit your campus for an **Offline Orientation Session** about our **TNSIF and Capgemini CSR C2TC program**

Below is schedule and details for the same:

**Date: 25th April 2022, Monday****Timings: 10AM to 12:00 noon****Venue: Sri Siddhartha Lab, CSE Dept, 2nd Floor, Dr AIT Campus****Requesting your help in inviting all the final year students for the above said date and venue.**

Delegates visiting your campus from TNSIF :

1. Vikas, Lead Technical Specialist
2. Gayatri V, Program Specialist
3. Sanjana, Program Specialist

Requesting your confirmation for the same

--

Regards,

**Vikas B O**

Lead Technical Specialist | TNS India Foundation

[vikasbo@tns.org](mailto:vikasbo@tns.org) | [TNS India Foundation](#) | [LinkedIn](#)

**M** +91-9620571689

Address: B1-201, Centre Point, 243- A, N M Joshi Marg,

[Lower Parel, Mumbai 400 013, India](#)



vinutha H &lt;vinuthah@gmail.com&gt;

---

## Ongoing JAVA full stack training during 2022

---

**Vikas B O** <vikasbo@tns.org>

Wed, May 11, 2022 at 11:46 PM

To: ವಿನುತ ಹೆಚ್ &lt;vinuthah@gmail.com&gt;

Dear Prof. Vinutha ma'am

Please find the attached Ongoing JAVA full stack training **during 2022**Number of students under training: **47****Resource Person Details:**

1. Gayatri V, Program Specialist
2. Madhu, Program Specialist

--

Thanks and regards,

**Vikas BO**Assistant Manager | **TNS India Foundation**Email: [vikasbo@tns.org](mailto:vikasbo@tns.org) | [TNS India Foundation](#) | [LinkedIn](#)

Mobile: (+91) 9620571689

Corporate Address: B1-201 Centre Point, Opposite Bawla Masjid, 243-A N M Joshi Marg, Lower Parel (E), Mumbai 400 013, India


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ImpactMatters Annual Ranking

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*This message, including any attachments, is confidential and may include proprietary information for the sole use of the intended recipients. If you believe you have received it in error, please notify the sender immediately and then delete it; do not copy, disclose, or use its contents for any purpose.*

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 **Java Training - 2022.xlsx**  
15K

Email	Family Name	First Name	Mobile	Branch	Graduation Year
<a href="mailto:sushmitasush37@gmail.com">sushmitasush37@gmail.com</a>	Jagadeesh	Sushmitha	9844951936	Computer Science and Engineering (CSE)	2022
<a href="mailto:shruthiranga22@gmail.com">shruthiranga22@gmail.com</a>	Ranga	Shruthi	9741394501	Electrical and Electronics Engineering (EE)	2022
<a href="mailto:rishikavj130@gmail.com">rishikavj130@gmail.com</a>	Rajendra	Rishika.	9620999895	Medical electronics engineering	2022
<a href="mailto:chayarawath24@gmail.com">chayarawath24@gmail.com</a>	Rawath	Chaya K	8073179858	Computer Science and Engineering (CSE)	2022
<a href="mailto:aishwaryasp62@gmail.com">aishwaryasp62@gmail.com</a>	SP	Aishwarya	9148337071	Electronics and Instrumentation Engineering (EIE)	2022
<a href="mailto:diguddit@gmail.com">diguddit@gmail.com</a>	Dhanagar	Digambar	6363918814	Medical Electronics	2022
<a href="mailto:chethanmc888@gmail.com">chethanmc888@gmail.com</a>	M C	Chethan	8618332500	Electronics and Communication Engineering (ECE)	2022
<a href="mailto:karthikakarthik539@gmail.com">karthikakarthik539@gmail.com</a>	A	Karthik A	8970903401	Medical Electronics	2022
<a href="mailto:ranjithasham05819@gmail.com">ranjithasham05819@gmail.com</a>	Ranjitha S	Ranjitha S	7348988032	Electrical and Electronics Engineering (EE)	2022
<a href="mailto:vinay26109@gmail.com">vinay26109@gmail.com</a>	Aradhya	Vishwanath Nagu	8971642676	Electronics and Instrumentation Engineering (EIE)	2022
<a href="mailto:thippeswamy2358@gmail.com">thippeswamy2358@gmail.com</a>	Eshwarappa b	Thippeswamy	7760496591	Industrial engineering and management	2022
<a href="mailto:pallavi.r2000@gmail.com">pallavi.r2000@gmail.com</a>	Ravi Kumar	Pallavi R	8310866774	Industrial Engineering And Management	2022
<a href="mailto:bharathmp2000@gmail.com">bharathmp2000@gmail.com</a>	Mp	Bharath	8749091163	Industrial Engineering & Management (IEM)	2022

<a href="mailto:sangeetharajudeepa@gmail.com">sangeetharajudeepa@gmail.com</a>	Raju	Sangeetha	8095228052	Medical electronic engineering	2022
<a href="mailto:priyankanagaral9@gmail.com">priyankanagaral9@gmail.com</a>	Nagaral	Priyanka	9611049524	Electronics and Communication Engineering (ECE)	2022
<a href="mailto:shivastuthil332@gmail.com">shivastuthil332@gmail.com</a>	L	Shivastuthi	9379830925	Electrical and Electronics Engineering (EE)	2022
<a href="mailto:mohnishshivanand@gmail.com">mohnishshivanand@gmail.com</a>	Mohnish	Shivanand	9844986255	Electronics and Communication Engineering (ECE)	2022
<a href="mailto:tsharishgowda15@gmail.com">tsharishgowda15@gmail.com</a>	T S	Harish	6360425760	Electronics and Instrumentation Engineering (EIE)	2022
<a href="mailto:karunaprasad1100@gmail.com">karunaprasad1100@gmail.com</a>	Prasad	Karuna	6361956200	Electrical and Electronics Engineering (EE)	2022
<a href="mailto:jayashreedhananjay2000@gmail.com">jayashreedhananjay2000@gmail.com</a>	D	Jayashree D	8296969249	Computer Science and Engineering (CSE)	2022
<a href="mailto:spandanakr20@gmail.com">spandanakr20@gmail.com</a>	Ramesh	Spandana	8884780884	Medical Electronics	2022
<a href="mailto:sheethaljgowda97@gmail.com">sheethaljgowda97@gmail.com</a>	Sheethal J	Sheethal J	9110898689	Computer Science and Engineering (CSE)	2022
<a href="mailto:prajwalprasanna2000@gmail.com">prajwalprasanna2000@gmail.com</a>	P	Prajwal	9480154251	Mechanical Engineering	2022
<a href="mailto:abhishekarya06052000@gmail.com">abhishekarya06052000@gmail.com</a>	KURUBA	ABHISHEK	6362423400	Electronics and Communication Engineering (ECE)	2022
<a href="mailto:draghu2105@gmail.com">draghu2105@gmail.com</a>	Raghu D	Raghu	7975496347	Electronics and Instrumentation Engineering (EIE)	2022
<a href="mailto:madhugc722000@gmail.com">madhugc722000@gmail.com</a>	C	Madhu	9108129641	Mechanical engineering	2022

<a href="mailto:akshithnayak3@gmail.com">akshithnayak3@gmail.com</a>	K N	Akshith kumar	6363221569	Mechanical	2022
<a href="mailto:swathiswathijd@gmail.com">swathiswathijd@gmail.com</a>	swathi	swathi	9071906749	Electrical and Electronics Engineering (EE)	2022
<a href="mailto:rajathmanjunathjavagal@gmail.com">rajathmanjunathjavagal@gmail.com</a>	Rajath J M	Rajath	8970230671	Mechanical Engineering	2022
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<a href="mailto:siddarthmanga98@gmail.com">siddarthmanga98@gmail.com</a>	Manga	Siddarth	6362798535	Mechanical engineering	2022
<a href="mailto:harshithavnayaka@gmail.com">harshithavnayaka@gmail.com</a>	Harshitha	V	9019916538	mechanical engineering	2022
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<a href="mailto:vinaykumarkd1999@gmail.com">vinaykumarkd1999@gmail.com</a>	Deshpande	Vinay	7411116844	Medical electronics	2022
<a href="mailto:nagesh.babanna88@gmail.com">nagesh.babanna88@gmail.com</a>	Babanna	Nagesh	7676525155	Mechanical engineering	2022
<a href="mailto:shivanand12546@gmail.com">shivanand12546@gmail.com</a>	TEGANPURE	SHIVANAND	9611247154	Electronics and Instrumentation Engineering (EIE)	2022
<a href="mailto:1da20scs15.scs@drait.edu.in">1da20scs15.scs@drait.edu.in</a>	Chandramule	Vishaka rani	8123213945	Computer Science and Engineering (CSE)	2022
<a href="mailto:madhu19.1997@gmail.com">madhu19.1997@gmail.com</a>	Ramakrishna	Madhu shree R	9632591963	Computer Science and Engineering (CSE)	2022
<a href="mailto:sumanthpadukone2000@gmail.com">sumanthpadukone2000@gmail.com</a>	Mogaveera	Sumanth	7618751879	Mechanical engineering	2022
<a href="mailto:gopitr30@gmail.com">gopitr30@gmail.com</a>	GOVINDARAJU	GOPI	8548801319	Industrial engineering and management (IEM)	2022
<a href="mailto:knrohithkumar@gmail.com">knrohithkumar@gmail.com</a>	Rohith Kumar K	Rohith	7624885897	Mechanical Engineering	2022



harshithap147@gmail.com	Padmanabhiyah F	Harshitha P	9900985165	Computer Science and Engineering (CSE)	2022
calabalwar@gmail.com	P S	Calabe	7829622018	Computer Science and Engineering (CSE)	2022
prajwalyalameli1207@gmail.com	YALAMELI	PRAJWAL	8660013698	MECHANICAL	2022
vinayakad40642@gmail.com	Deshpande	Vinayaka Deshpa	8088092718	Mechanical Engineering	2022
sushmamaddur05@gmail.com	S	Sushma	8310672322	Computer Science and Engineering (CSE)	2022



**TNS** INDIA FOUNDATION  
Partners in Economic Transformation

Capgemini

CSR Initiative

# C2TC Program

A REPORT ON  
"2021 GRADUATING STUDENTS"  
COMPLETING  
"JAVA ENTERPRISE EDITION"  
TRAINING PROGRAM  
THROUGH  
CAPGEMINI - CSR PROGRAM

## Campus:



ಡಾ|| ಅಂಬೇಡ್ಕರ್ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**

Outer Ring Road, Malathahalli, Bangaluru-560 056, Karnataka, India

### Youth Employability Program Road Map



# REPORT

# of students completed Training: 29

# of students placed through TechnoServe: 14

Total # of students placed : 24

## Highlights of our C2TC Program

- 60 hours of **Soft Skills**
- 340 hours of **Technical Skills**
- 10+ Module-wise **quizzes**
- 2+ Final Exams for Certifications
- **8+ Capstone Projects** in Java EE
- Certification from **Capgemini & TechnoServe**
- **Placements** at reputed organisations like **Capgemini, Accenture, IBM, Sasken etc**

TechnoServe's C2TC Program - Capgemini CSR Initiative		
JEE Proposed Curriculum		
Sr. No.	Course	Approx Hours
1	Core Java 8 + Database & MySQL with DevOps (Git, Sonarqube, Gradle, Jenkin)	102
2	Core Java 8 Test	8
3	JPA with Hibernate 3.0	30
4	Sprint 1 (Core Java + JPA with TDD Approach)	40
5	Sprint 1 Evaluation	8
6	Spring 5.0 (Core + MVC + REST + Data JPA + Data REST)	50
7	Sprint 2 + JPA and Spring MCQ Test	40
8	Sprint 2 Evaluation	8
9	HTML 5, CSS 3 with bootstrap 4, Javascript, Typescript/ES6	30
10	L1 Preparation + L1 Test	24
11	Soft Skills Training	60
Total Training Duration		400

# 2021 Graduating Student's Feedback

## **Abhishek A, CSE**

I like to learn full stack and it is getting me very useful to learn.

## **Jyothi G, CSE**

The program helps me to improve my technical skills and practical knowledge

## **Meghna, CSE**

C2TC is one of the best platform which they have funded for us (free of cost) which will help the needed ones very well

## **Shanmukha Timmappa Naik, ISE**

A completely new domain is introduced and I am completely inclined and eager to learn more. I can see this is helping me gain many profits in terms of knowledge and for placements.

## **Sushmita R, CSE**

The training is very good  
I recommend this training to everyone who want their career in IT industry. Training helped us to do great projects.

## **Suvarna Madev Gouda, CSE**

It is helping me to understand core java in depth and increases my knowledge day by day.

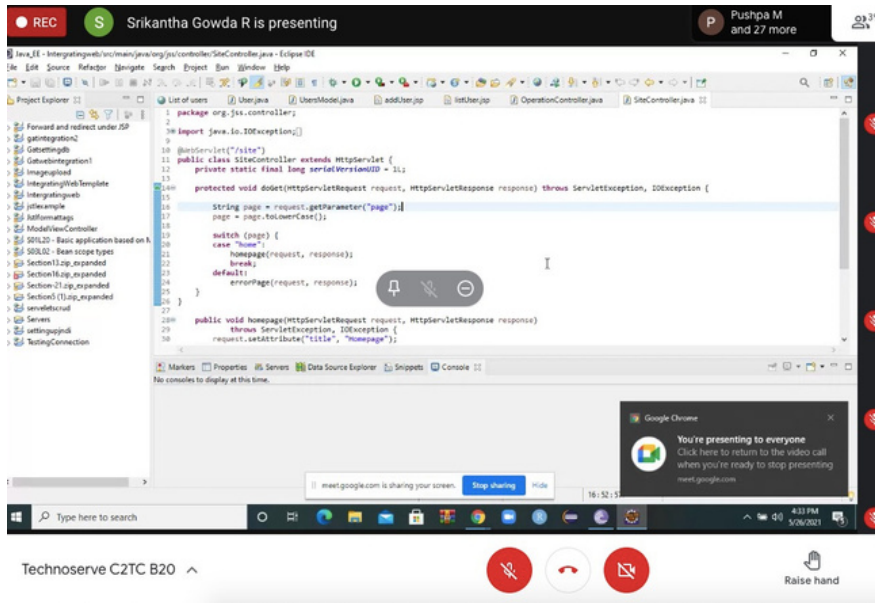
## **Sindhu, CSE**

To learn Java and new topic the tech program should be conducted in a slower pace and more assignments and quizzes must be given !  
It will help students like me ...

# Placement Details through TNSIF


<b>Full Name</b>	<b>Company Name</b>	<b>Package</b>
Abhishek A	Capgemini	3.8 LPA
Ganapathi S	Capgemini	3.8 LPA
Jyothi G	Capgemini	3.8 LPA
Karthik	Capgemini	3.8 LPA
Meghna	Capgemini	3.8 LPA
Nikhita	IBM	4.25 LPA
Niveditha V	Accenture	4.5 LPA
Padmanabham K G	Full Creative	3 LPA
Prajwal N	Capgemini	3.8 LPA
Sangram	Capgemini	3.8 LPA
Shanmukha Timmappa Naik	Capgemini	3.8 LPA
Sindhu	Accenture	4.5 LPA
Sushmita R	Capgemini	3.8 LPA
Suvarna Madev Gouda	Capgemini	3.8 LPA

# Training Snapshots



Special Thanks to Dr Siddaraju and Prof Vinutha for providing and opportunity for hosting TNSIF's C2TC Program through Capgemini CSR Initiative.

Our Warm greetings and thanks to stake holders for extending continuous support during our connect with Dr Ambedkar Institute of Technology

	<b>Course Title: Java Full Stack with React JS</b>		
	<b>Course Code:</b>	<b>No. of Credits:3 3: 0: 0 (L-T-P)</b>	<b>No. of Lecture Hours/Week: 3</b>
	<b>Exam Duration: 3 Hours</b>	<b>CIE + Assignment + SEE = 45 + 5 + 50 = 100</b>	<b>Total No. of Contact Hours: 42</b>

<b>Course Objectives:</b>	<b>Description</b>
	<ol style="list-style-type: none"> <li>To understand the concepts of Java language and will model the real world applications using Object Oriented Programming concepts</li> <li>Develop applications using collections for managing user defined types and to learn the importance of string handling.</li> <li>To understand and apply the concept of Object Relational Mapping using Hibernate</li> <li>Apply the Spring boot concepts to create enterprise applications.</li> <li>Implement front end application for spring boot using React JS</li> </ol>


<b>Unit No</b>	<b>Syllabus Content</b>	<b>No of Hours</b>
<b>1.</b>	<b>Self-study</b>  <b>Core Java</b> : Declarations and Access Control, Object Orientation, Operators, Flow Control, Exceptions, Gradle Fundamentals, TDD with Junit 5, Strings, I/O, Formatting, and Parsing, Generics and Collections, Threads.	<b>6</b>
<b>2.</b>	<b>Core Java 8:</b> Concurrent Patterns in Java, Concurrent Collections, Lambda Expressions, Stream API, Introduction to Design Pattern, GitHub, Introduction to JDBC: Connection, Statement, PreparedStatement, ResultSet.	<b>8</b>
<b>3.</b>	<b>JPA using Hibernate:</b> Introduction , Entities, Managing Entities, Querying Entities, Entity Relationships.	<b>8</b>
<b>4.</b>	<b>Spring Core:</b> Spring Core Introduction / Overview, Spring Container, Dependency Injection, Metadata / Configuration. <b>Spring MVC:</b> Introduction / Developing Web applications with Spring MVC, Advanced Techniques, Spring Controllers, RESTful Web Services. <b>Spring Boot:</b> SPRING BOOT Introduction, Using Spring Boot, Spring Boot Essentials. <b>Spring Data JPA, Spring Data REST.</b>	<b>10</b>
<b>5.</b>	<b>HTML 5, CSS 3 with Bootstrap, Javascript ES6. React JS:</b> Getting started with Node.js, React Introduction, React Essential Features and Syntax, React Components, Props and State, Styling Components, Google Material UI, Debugging React Apps, React Component life cycle, React Component in Details, HTTP Requests/Ajax Calls.	<b>10</b>

**Note: One of the modules must be Self-study**

<b>Course Outcomes</b>	<b>Description</b>	<b>RBT Levels</b>
<b>CO1</b>	To understand the concepts of Java language and will model the real world applications using Object Oriented Programming concepts	<b>L1</b>
<b>CO2</b>	Develop applications using collections for managing user defined types and to learn the importance of string handling.	<b>L2</b>

<b>CO3</b>	To understand and apply the concept of Object Relational Mapping using Hibernate											<b>L3</b>
<b>CO4</b>	Apply the Spring boot concepts to create enterprise applications											<b>L4</b>
<b>CO5</b>	Implement front end application for spring boot using React JS											<b>L5</b>
<b>CO-PO Mapping</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	3	2	3	1	2	1	1	1	1	2	-	1
<b>CO2</b>	3	2	3	1	1	1	1	1	1	2	-	-
<b>CO3</b>	3	2	3	1	2	-	-	-	2	2	-	-
<b>CO4</b>	3	2	3	2	1	-	-	-	-	2	-	-
<b>CO5</b>	3	2	3	2	1	-	-	-	-	2	-	-
<b>Strong -3    Medium -2    Weak -1</b>												
<b>TEXT BOOKS:</b>												
1. Herbert Schield,“Java:The Complete Reference”, 9 <sup>th</sup> Edition,Oracle Press,Tata McGraw Hill. 2. “Java Server Programming Java Ee6(J2ee 1.6)”,Kogent learning solution, Dreamtech press 2014.												
<b>REFERENCE BOOKS:</b>												
1. Y. Daniel Liang, “Introduction to JAVA Programming”,7th Edition, Pearson Education, 2007. 2. Stephanie Bodoff et al,“The J2EE Tutorial”, 2nd Edition, Pearson Education, 2004.												
<b>SELF-STUDY REFERENCES/WEBLINKS:</b>												
1. VMware Self Study at NDG Group: <a href="https://www.netdevgroup.com/online/content/vmita">https://www.netdevgroup.com/online/content/vmita</a>												
<b>COURSE COORDINATOR:</b>	<b>Vikas.B.O , TNS India Foundation Vinutha H</b>											



	<b>Course Title: CLOUD INFRASTRUCUTRE SERVICES</b>		
	<b>Course Code:</b> <b>18CS735</b>	<b>No. of Credits:</b> <b>3: 0: 0 (L-T-P)</b> <b>L-Lecture, T-Tutorials, P-Practicals</b>	<b>No. of Lecture Hours/Week: 3</b>
	<b>Exam Duration:</b> <b>3 Hours</b>	<b>CIE + Assignment + SEE =</b> <b>45 + 5 + 50 = 100</b>	<b>Total No. of Contact Hours: 42</b> <b>its 42 hours for 3 credit course</b>

<b>Course Objectives:</b>	<b>Description</b>
	<ol style="list-style-type: none"> <li>1. To provide students with the fundamentals and essentials of Cloud Computing, Operating Systems administration, and Network Administration</li> <li>2. To provide students a sound foundation of the Cloud Computing, Operating Systems administration, and Network Administration so that they can start using and adopting Cloud Computing services and tools in their real-life scenarios.</li> <li>3. To enable students exploring some important cloud computing, Operating Systems administration and Network Administration driven commercial systems and applications.</li> <li>4. To expose the students to frontier areas of Cloud Computing and Operating Systems administration and Network Administration, while providing sufficient foundations to enable further study and research.</li> </ol>

<b>Unit No</b>	<b>Syllabus Content</b>	<b>No of Hours</b>
<b>1.</b>	Windows Administration: Introduction to Operating System, File System, Deploy Windows Server 2012, ADDS, DNS, DHCP, WDS, Backup and Restore Linux Administration: Basics of RHEL & Installation, System and Device Management, Process Management, System Services, Bash Editing, File System User & Group Management, Back up & Restore, Troubleshooting	<b>10</b>
<b>2.</b>	VMware Administration: Basics, Installation and Configuration of VMware ESXi 6.0, vSphere tool, vSphere Networking, Storage, VM Management, HA, Access Control and Resource Monitoring	<b>10</b>
<b>3.</b>	Citrix Administration: Architecture, Deploy the site, Apps and Desktops Images, Deliver app and desktop resources, Citrix Profile Management, Supporting Citrix Virtual Apps and Desktops	<b>12</b>
<b>4.</b>	SQL Server Database Administration(DBA): SQL Fundamentals, Server Security, Server and Database Roles, SQL Encryption and Auditing, Backup and Recovery, Automating SQL Server Management, SQL Server Agent, Importing and Exporting Data	<b>10</b>

	Oracle Server Database Administration(DBA): Introduction to Oracle Database, Core DBA Tasks and Tools, Installing the oracle database software, Managing Oracle Instance, Oracle Flush, Configuring the oracle network environment, Administering User Security, Oracle 12 C New Features.	
<b>5.</b>	Network Administration: Living in a network centric world, communicating over the network, Communication model, Application layer, OSI Transport Layer, OSI network layer, IPV4OSI Data link layer, OSI Physical Layer, DHCP, DNS, Mail Services, Directory Service, Switching, Router, Security, IPV6	<b>10</b>

**Note: One of the modules must be Self-study**

<b>Course Outcomes</b>	<b>Description</b>												<b>RBT Levels</b>
<b>CO1</b>	Understand the common terms and definitions of Operating System, Cloud Computing and Virtualization.												<b>L1</b>
<b>CO2</b>	Learning the business benefits and considerations of VMware virtualization.												<b>L2</b>
<b>CO3</b>	Analyzing the implications of virtualization on Data Center Challenges.												<b>L3</b>
<b>CO4</b>	Enable to configure the VMware vSphere storage and network virtualization.												<b>L4</b>
<b>CO5</b>	Enable to configure the VMware vSphere network virtualization												<b>L5</b>
<b>CO-PO Mapping</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	
<b>CO1</b>	3	2	1	1	-	1	1	-	-	2	-	-	
<b>CO2</b>	2	2	2	1	3	-	-	-	1	1	-	2	
<b>CO3</b>	2	2	2	3	3	1	1	-	3	2	1	2	
<b>CO4</b>	2	2	2	3	3	2	1	-	1	2	1	2	
<b>CO5</b>	2	2	2	3	3	2	1	-	1	2	1	2	

**Strong -3    Medium -2    Weak -1**

**TEXT BOOKS:**

1. Mastering VMware vSphere 6, Publisher: Sybex; 1 edition (24 March 2015), Nick Marshall, Scott Lowe (Foreword by) with Grant Orchard, Josh Atwell.
2. Citrix VDI Handbook and Best Practices XenApp and XenDesktop 7.15 Long Term Service Release
3. Mastering Windows Server 2012 R2 by Mark and Kevin Greene
4. Linux Administration: The Linux Operating System and Command Line Guide for Linux Administrators
5. Microsoft SQL Server 2016 - A Beginners Guide by Dusan Petkovic
6. Oracle® Database SQL Reference 10g Release 2 (10.2)
7. Computer Networks by James F Kurose

**REFERENCE BOOKS:**

1. VMware Virtualization Handbook: vSphere 6.0 : Jitendranath Mungara, Vikas BO, Swathi B
2. Introduction to Storage Area Networks: An IBM Redbooks publication

**SELF-STUDY REFERENCES/WEBLINKS:**

1. VMware Self Study at NDG Group : <https://www.netdevgroup.com/online/content/vmita>

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<b>Qualified Day</b>
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 02 - 17th November, Wednesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 02 - 17th November, Wednesday
Day 02 - 17th November, Wednesday
Day 03 - 18th November, Thursday
Day 02 - 17th November, Wednesday
Day 02 - 17th November, Wednesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 03 - 18th November, Thursday
Day 02 - 17th November, Wednesday
Day 01 - 16th November, Tuesday
Day 02 - 17th November, Wednesday
Day 04 - 19th November, Friday
Day 04 - 19th November, Friday
Day 02 - 17th November, Wednesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 01 - 16th November, Tuesday
Day 03 - 18th November, Thursday
Day 04 - 19th November, Friday

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