

SPRING BOOT MICRO SERVICES17CSI05-VAC01**COURSE OBJECTIVES AND OUTCOMES:**

Course Objectives		Course Outcomes	
1.0	To create a spring boot application from scratch	1.1	The students will be able to create spring boot applications.
2.0	To learn the fundamentals of reactive programming	2.1	The students will be able to differentiate reactive programming.
3.0	To perform CRUD operations against MYSQL database	3.1	The students will be able to perform CRUD operations against MYSQL database.
4.0	To perform CRUD operations against a in memory DB using spring data JPA	4.1	The students will be able to perform CRUD operations against a in memory DB using spring data JPA.
5.0	To understand the structure of a spring boot project	5.1	The students will be able to understand the structure of a spring boot project.

INTRODUCTION

(5)

Course outline – Overview of Java – Introduction to Java Programming – Basic declaration and operations – Iterations and condition handling – List and Hashmap overview.

SOFTWARE SETUP

(6)

Java installation – MySQL Relational Database Software Installation, Workbench Installation – Apache Maven installation – Postman installation.

INTRODUCTION TO SPRING BOOT

(6)

Spring boot features – Project creation – spring boot started with POM – Spring data in JPA – Rest introduction - CRUD operations with API.

JPQL

(6)

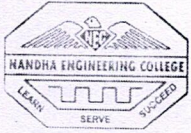
Writing JPQL query: Write, Select, Update and Delete – Relationships between tables with Spring data JPA – Lazy loading in JPA.

OPEN API

(7)

Open API specifications (Swagger UI) – REST API documentation – logging in Spring Boot.

TOTAL (30 Hrs)



NANDHA ENGINEERING COLLEGE

(Autonomous)
ERODE - 638 052

Department of Computer Science and Engineering

ORGANIZES
FOUR DAYS HANDS ON TRAINING
ON
SPRING BOOT MICRO SERVICES

From 06.12.2022 TO 09.12.2022

By

Mr.P.AYYASAMY,

ASSOCIATE DIRECTOR OF TECHNOLOGY



BlueTeak Labs

VENUE:BLOCK-3,FIRST
FLOOR,COMPUTING CENTER-2,3
LABORATORY

TIME:9.00 A.M TO 4.30 PM

OFFICE OF CONTROLLER OF EXAMINATIONS

**SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG &PG)
(Odd Semester 2022 - 2023)**

Degree: B.E.

Branch : CSE

Semester: V

Subject Type :

VALUE ADDED COURSE

Subject Code :

17CSI05

Subject Title:

Spring Boot Micro Services

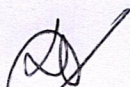
S.No.	Reg.No	Name
1	20CS001	AGATHIYAN P
2	20CS003	AKSHAYA V
3	20CS004	ARAVIND R
4	20CS005	ARJUN K S
5	20CS006	ARUNRAJA R
6	20CS007	ASHOK KUMAR D
7	20CS008	BAAZILKUMAR R
8	20CS009	BALAKUMARAN M
9	20CS010	BHARATHKUMAR S
10	20CS011	BHUVANESHWARI S
11	20CS012	BOOPATHI P
12	20CS013	DEEPADHARANI M
13	20CS014	DEEPAK S
14	20CS015	DEEPIKA K
15	20CS016	DEETCHANYA S
16	20CS017	DHANIKA G

17	20CS018	DHARSHAN K
18	20CS019	DHASHINESH L
19	20CS020	DINESH S
20	20CS021	GAYATHRI V
21	20CS022	GIFTSON K
22	20CS023	GOBINATH K S
23	20CS025	GOKULKUMAR K P
24	20CS026	GOMATHI M
25	20CS027	GOWSIHAN R
26	20CS028	GUGAPRIYAA S
27	20CS029	HARIKRISHNAN A
28	20CS030	HARISH J (30/09/2002)
29	20CS031	HARISH J(12/04/2003)
30	20CS032	HARIVARDHINI S
31	20CS033	HEMATH BHUSANI M
32	20CS034	INMUGESH R
33	20CS036	JAYASURYA S
34	20CS037	KANNAN S
35	20CS038	KARTHIKEYAN G
36	20CS039	KARTHIKEYAN V
37	20CS040	KARVETI AJAY KUMAR
38	20CS041	KAVIYA R
39	20CS042	LOBANA RETHINA PUSHPA S
40	20CS043	LOGESH S
41	20CS045	MAHAVISHNU K K
42	20CS046	MAITHESH S K
43	20CS047	MIDHUNESH A
44	20CS048	MONESHWARAN R

45	20CS049	MONIKA T
46	20CS050	MONIZHA R
47	20CS051	MOUNICA M
48	20CS052	NANDHINI M
49	20CS053	NANJIN MOORTHY J
50	20CS054	NAVEEN A
51	20CS055	NAVEEN V
52	20CS056	NAVEENKUMAR V
53	20CS057	PRANESH S
54	20CS058	PRANITH R
55	20CS059	PRASANTH G
56	20CS060	PRAVEEN B
57	20CS061	PRAVEENKUMAR K
58	20CS062	PREETHIKA P
59	20CS063	PREETHISHRI D
60	20CS064	PREMNATH E S
61	20CS065	RABISWARAN S
62	20CS066	RAGUL K
63	20CS067	RAGUL V
64	20CS068	RAHUL R
65	20CS069	RAHUL S
66	20CS070	RAJKUMAR A
67	20CS071	RAJKUMAR J
68	20CS072	RAMESH K
69	20CS073	RAMNATH K
70	20CS074	RANJITH N
71	20CS075	RESHMAA K M
72	20CS076	RITHIKA R

73	20CS077	ROHITH M
74	20CS078	RUBANSANTHOSH G B
75	20CS079	RUDHISH S
76	20CS080	SADARANGAPATNAM PURNA SAI
77	20CS081	SAM DANIEL S
78	20CS082	SANGAMITHRA P
79	20CS083	SANJAI KUMAR S
80	20CS084	SANJAYKUMAR K
81	20CS085	SANTHOSH D
82	20CS086	SANTHOSH K
83	20CS087	SANTHOSH M
84	20CS088	SANTHOSH N
85	20CS089	SARAN KUMAR K
86	20CS090	SARAVANAPERUMAL P
87	20CS091	SASHVANTH M
88	20CS092	SATHYA G
89	20CS093	SELVARAMESHKUMAR P
90	20CS094	SHANMUGAPRIYA P
91	20CS095	SHARANBHARATHI R
92	20CS096	SHIYAM KAVI V
93	20CS097	SIVARANJANI I
94	20CS098	SNEHAN D J
95	20CS099	SOWDHARSHINI P
96	20CS100	SOWMIYA M
97	20CS101	SOWMYA A
98	20CS102	SRI SENTHUR MURUGAN P
99	20CS103	SRIMATHI C N
100	20CS104	SRINESH M

101	20CS105	SUGUMAR K
102	20CS106	SUJITH J
103	20CS107	SURUTHI S
104	20CS108	SURYA S
105	20CS109	SWARNA S
106	20CS110	SWETHA R
107	20CS111	THAMSEEL AHAMED S
108	20CS112	THARUN M
109	20CS113	THAVASI R
110	20CS114	TRISHA V
111	20CS116	VANISHREE B
112	20CS117	VENKATESH S
113	20CS118	VIGNESH S
114	20CS119	VIJAYANAND V
115	20CS120	VIJITHA N
116	20CSL01	BRINTHA A
117	20CSL02	DEEPANRAJ R
118	20CSL03	DHINAKARAN R
119	20CSL04	GOPAL J
120	20CSL05	GOUTHAM P
121	20CSL07	KARTHICK P
122	20CSL09	PRIYA DHARSHINI N K
123	20CSL10	SARUNIMA A
124	20CSL11	SOWMIYA S
125	20CSL12	SRI BALAJI PRABHU D


AC


HOD

Certificate of Participation

Blue Teak Lab Congratulates

Monika.T

**For Successfully Completing the Four Days Hands On Training On Spring Boot Micro Services (value added Course) From 06.12.2022 To 09.12.2022 Conducted By Mr. Ayyasamy Assistant Director Of Technology.
We Acknowledge Your efforts. Keep Participating!**



Blue Teak Lab

For BLUE TEAK LABS PVT LTD

Director / Authorised Signatory

Certificate of Participation

Blue Teak Lab Congratulates

Agathiyan.P

**For Successfully Completing the Four Days Hands On Training On Spring Boot Micro Services (value added Course) From 06.12.2022 To 09.12.2022 Conducted By Mr. Ayyasamy Assistant Director Of Technology.
We Acknowledge Your efforts. Keep Participating!**



Blue Teak Lab

For BLUE TEAK LABS PVT LTD

Director / Authorised Signatory