

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE - 638060
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TWO CREDIT ASSESSMENT

18VAC94 -APPLICATION DEVELOPMENT USING SPRING BOOT

S.No	Roll No	Name of the Student	Test -I	Test - II	Total
1	19CSL237	GIJANDIRAN R	44	45	89
2	19CSL238	GOKULA KRISHNAN K	46	50	96
3	19CSL239	MOHNESH R K	40	45	85
4	19CSL240	NIRMAL C	44	42	86
5	19CSL241	PRAVIN L	40	40	80
6	19CSL242	RAJKUMAR M	42	44	86
7	19CSL247	SRIVARSHAN	45	42	87
8	19CSL249	SUJITHKANNA S	46	45	91
9	19CSR065	INDRAJITH M	46	50	96
10	19CSR067	JAGADEESH S	45	45	90
11	19CSR070	JAYACHANDRAN P	44	44	88
12	19CSR071	JAYARAM S	44	47	91
13	19CSR074	KALANJIYA VISHNU J	47	50	97
14	19CSR077	KARMUKIL D	46	48	94
15	19CSR078	KARTHICK R	46	50	96
16	19CSR079	KASTHURI RANGAN.S	44	48	92
17	19CSR086	KAVIRAJ.N.N	42	43	85
18	19CSR102	MANOJ S	44	44	88
19	18CSR143	PRAVEENA N	45	50	95
20	18CSR140	PRATHEKSHA K	47	50	97
21	18CSR151	RAGUNANATHAN S	45	49	94

Course Co-ordinators

Ms.K.Tamil Selvi

Mr.Vani Rajasekar

HoD / CSE

KONGU ENGINEERING COLLEGE PERUNDURAI ERODE - 638060
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TWO CREDIT ATTENDANCE

18VAC94 -APPLICATION DEVELOPMENT USING SPRING BOOT

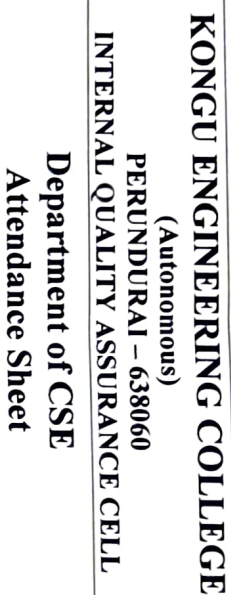
S.No	Roll No	Name of the Students	Conducted periods (Hrs)	Attended periods (Hrs)	Attendance %
1	19CSL237	GIJANDIRAN R	40	40	100
2	19CSL238	GOKULA KRISHNAN K	40	40	100
3	19CSL239	MOHNESH R K	40	40	100
4	19CSL240	NIRMAL C	40	35	87.5
5	19CSL241	PRAVIN L	40	39	97.5
6	19CSL242	RAJKUMAR M	40	40	100
7	19CSL247	SRIVARSHAN	40	40	100
8	19CSL249	SUJITHKANNA S	40	40	100
9	19CSR065	INDRAJITH M	40	37	92.5
10	19CSR067	JAGADEESH S	40	40	100
11	19CSR070	JAYACHANDRAN P	40	39	97.5
12	19CSR071	JAYARAM S	40	40	100
13	19CSR074	KALANJIYA VISHNU J	40	40	100
14	19CSR077	KARMUKIL D	40	40	100
15	19CSR078	KARTHICK R	40	40	100
16	19CSR079	KASTHURI RANGAN.S	40	40	100
17	19CSR086	KAVIRAJ.N.N	40	40	100
18	19CSR102	MANOJ S	40	40	100
19	18CSR143	PRAVEENA N	40	40	100
20	18CSR140	PRATHEKSHA K	40	40	100
21	18CSR151	RAGUNANATHAN S	40	39	97.5

Course Co-ordinators

Ms.K.Tamil Selvi

Dr.Vani Rajasekar

HoD / CSE



Date: 19.04.2022 to 20.06.2022

S.No.	Rollno	Name
		19.4.22 (1.5 hr)
		20.4.22 (1.5 hr)
		21.4.22 (1.5 hr)
		22.4.22(1.5 hr)
		07.5.22 (1.5 hr)
		08.5.22 (5 hr)
		09.5.22 (1.5 hr)
		10.5.22 (1 hr)
		11.5.22 (1 hr)
		17.5.22 (1 hr)
		18.5.22 (1 hr)
		19.5.22 (1 hr)
		20.5.22 (1 hr)
1	19CSL237	GIANDIRAN R
2	19CSL238	GOKULA KRISHNAN K
3	19CSL239	MOHNESH R K
4	19CSL240	NIRMAL C
5	19CSL241	PRAVIN L
6	19CSL242	RAJKUMAR M
7	19CSL247	SRIVARSHAN
8	19CSL249	SUJITHKANNA S
9	19CSR065	INDRAJITH M
10	19CSR067	JAGADEESH S
11	19CSR070	JAYACHANDRAN P

[illegible]

S.No.	Rollno	Name	4.6.2022 (1 hr)	5.6.2022 (6 hr)	12.6.2022 (6 hr)	18.6.2022 (6 hr)	20.6.2022 (1 hr)
1	19CSL237	GIANDIRAN R	P	P	P	P	P
2	19CSL238	GOKULA KRISHNAN K	P	P	P	P	P
3	19CSL239	MOHNEESH R K	P	P	P	P	P
4	19CSL240	NIRMAL C	P	P	P	P	P
5	19CSL241	PRAVIN L	P	P	P	P	P
6	19CSL242	RAJKUMAR M	P	P	P	P	P
7	19CSL247	SRIVARSHAN	P	P	P	P	P
8	19CSL249	SUJITH KANNA S	P	P	P	P	P
9	19CSR065	INDRAJITH M	P	P	P	P	P
10	19CSR067	JAGADEESH S	P	P	P	P	P
11	19CSR070	JAYACHANDRAN P	P	P	P	P	P
12	19CSR071	JAYARAM S	P	P	P	P	P
13	19CSR074	KALANJAYA VISHNU J	P	P	P	P	P
14	19CSR077	KARMUKIL D	P	P	P	P	P
15	19CSR078	KARTHIK R	P	P	P	P	P

16	19CSR079	KASTHURI RANGAN.S	P	P	P	P	P	P
17	19CSR086	KAVIRAJ.N.N	P	P	P	P	P	P
18	19CSR102	MANOJ S	P	P	P	P	P	P
19	18CSR143	PRAVEENA N	P	P	P	P	P	P
20	18CSR140	PRATHEKSHA K	P	P	P	P	P	P
21	18CSR151	RAGUNANATHAN S	P	P	P	P	P	P

(Total Hours: **45** hrs)

Dr. Vani Rajasekar
Course Faculty

Dr. Vani Rajasekar

Dr. Vani Rajasekar
HOD/CSE



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI - 638060
INTERNAL QUALITY ASSURANCE CELL



CERT No. 99 100-20788
ISO 9001:2015

Approval for Value Added Course (Two Credits)

Academic Year: 2021-2022 EVEN Semester

DEPARTMENT OF CSE

Ref 2018

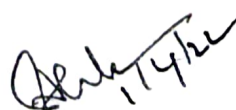
Date: 01.04.2022

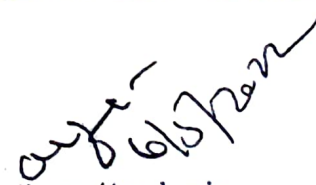
1.	Academic Year	:	2021-2022				Semester: EVEN
2.	Course Title	:	Application development using Spring Boot				Credit(s): Two
3.	Type of Course	:	New Course				
	• If "Already offered course",	:	Course Code: -				Version: -
4.	Course Coordinator(s)	:	1. K Tamil Selvi 2. Vani Rajasekar				
5.	Course offered by	:	Internal faculty				
6.	Name and designation of external resource persons	:	NIL				
7.	Details about external organization	:	NIL				
8.	Course fee for external experts			Max. number of students/Batch			Course fee / student
	NIL			20			NIL
9.	No. of days	Period		No. of hours			Venue/ Meet ID
		From	To	Lecture	Practical	Total	
	30	05.04.2022	31.05.2022	30	20	50	IT Park - S09 / https://meet.google.com/ifq-kmca-feu
10.	Pre-requisites for offering the course	:	Object oriented programming using Java				
11.	Course offered to	:	Programme	Branch		Year/Semester	
		:	BE	CSE		III & IV / VI & VIII	
12.	Course Main Contents	:	Day 1	Introduction to Spring and Spring Boot			
		:	Day 2	Spring Framework - Installation and setup			
		:	Day 3	Introduction to Microservices			
		:	Day 4	Bootstrapping and application context			
		:	Day 5	Dependency injection in Spring			
		:	Day 6	MVC pattern			

	Day 10	Spring Boot Annotation												
	Day 11	Spring data and caching												
	Day 12 - 15	Application development using persistent data template												
	Day 13	Introduction to RESTful APIs												
	Day 14	Spring Boot Actuators												
	Day 15	Service discovery												
	Day 16	Spring Boot Starters												
	Day 17 - 20	Building REST API and Request Mapping												
	Day 21	Spring Resilience												
	Day 22	Load balancing												
	Day 23	Data Logging and persistence												
	Day 24	Working with Swagger												
	Day 25	Implementation of swagger and Resilience4J												
	Day 26	Creating webservice using Spring Boot												
	Day 27	Data Modeling and linking with backend												
	Day 28	Deploying Spring Boot application in AWS Fargate												
	Day 29	Experimenting Spring Developer Tools												
	Day 30	Testing the Spring Boot application												
	Day 31	Assessment												
13.	Course Outcomes	: After completing the course, the student will be able to: • apply Spring capabilities for rapid application development • make use of RESTful APIs for web application development • implement the resilient web application using Spring Boot and host it in the cloud • test and deploy the Spring Boot application with Docker												
14.	Course Assessment (Min. 2)	: <table> <tr> <th>S. No.</th><th>Type</th><th>Max. Marks</th></tr> <tr> <td>1.</td><td>Multiple Choice Questions</td><td>50</td></tr> <tr> <td>2.</td><td>Mini project</td><td>50</td></tr> <tr> <td></td><td>Total</td><td>100 Marks</td></tr> </table>	S. No.	Type	Max. Marks	1.	Multiple Choice Questions	50	2.	Mini project	50		Total	100 Marks
S. No.	Type	Max. Marks												
1.	Multiple Choice Questions	50												
2.	Mini project	50												
	Total	100 Marks												
15.	Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student. Certify that the course content, credits and grade are approved in the BOS meeting or approved by internal BOS members and will be ratified in the next BOS meeting	 (Signature of the HoD after verification)												
16.	Any other details	: -												

The above proposal may kindly be approved..


 11/4/22
 Course co-ordinators


 HOD


 Chief Coordinator/Academic