



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL
INDRA GANESAN COLLEGE OF ENGINEERING





Criteria2

Teaching-Learning and Evaluation

350

KeyIndicator-2.3.Teaching-Learning Process (40)

2020-2021

PARTICIPATIVE LEARNING
INFORMATION TECHNOLOGY

Activity	Number of Students Attended	Page No.
Value Added Course(VAC)	126	3
TOTAL STUDENTS ATTENDED	126	-



Criteria2

Teaching-Learning and Evaluation

350

KeyIndicator-2.3.Teaching-Learning Process (40)

2020-2021

INFORMATION TECHNOLOGY

PARTICIPATIVE LEARNING

VALUE ADDED COURSE



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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Department of Information Technology

Academic Year 2020-2021 –ODD Semester


03.10.2020

DEPARTMENT CIRCULAR

Department of Information Technology and IQAC of IGCE in association with Izone Technologies is going to organize Value Added Course for all Second, Third and Final year students on “F&B Development in Full Stack” from 05.10.2020 to 09.10.2020 Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Resource Person Detail	1.Mr.R.Selvaraj Project Manager Izone Technologies
Venue	IT Seminar Hall, IGCE


HOD/IT


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.


PRINCIPAL

Cc:

- Principal office
- IQAC Co-Ordinator
- Class In charges - II, III & IV-Year
- II, III & IV-Year IT Students
- Office File
- Notice Board



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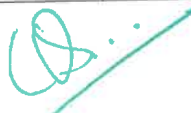
Value Added Course

“F&B Development in Full Stack”

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to HTML	3	05.10.2020
2	CSS Margins, Padding, and Borders	3	05.10.2020
3	Applying JavaScript (internal and external)	3	06.10.2020
4	Introduction to Document and Window Object	3	06.10.2020
5	Python Installation & Configuration	3	07.10.2020
6	Data Types and Num Type Conversion	3	07.10.2020
7	Redux and Redux Saga, Immutable	3	08.10.2020
8	Rendering List and Portals	3	08.10.2020
9	Node js Command Utilities Node js Modules	3	09.10.2020
10	Migration of Data into MongoDB	2	09.10.2020
11	Exam	1	09.10.2020
Total Hours (Excluding Exam)		30	-


VAC Coordinator


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Principal
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HOD/IT



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Manikandam, Trichy-620 012.

Value Added Course

“F&B Development in Full Stack”

STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811217205001	Anitha G	IV/IT
2	811217205002	Balaji V	IV/IT
3	811217205003	Gopal P	IV/IT
4	811217205004	Hariharan S	IV/IT
5	811217205005	Karthick A	IV/IT
6	811217205006	Lisha Y	IV/IT
7	811217205007	Lokeshwaran V	IV/IT
8	811217205008	Merciya Mary A	IV/IT
9	811217205009	Mohamed Riyaj Khan M	IV/IT
10	811217205010	Mukesh Kanna S	IV/IT
11	811217205011	Pakkiyalakshmi A	IV/IT
12	811217205013	Sankar C	IV/IT
13	811217205015	Santhiya K	IV/IT
14	811217205016	Saranya C	IV/IT
15	811217205017	Sudhahar S	IV/IT
16	811217205018	Swetha K	IV/IT
17	811217205019	Tamilselvi M	IV/IT
18	811217205020	Thiruppathi S	IV/IT
19	811217205021	Vijayaraj S	IV/IT
20	811217205022	Vijay Joseph P	IV/IT
21	811218205001	Deepa T	III/IT
22	811218205002	Dharshini K	III/IT
23	811218205003	Gopi U	III/IT
24	811218205004	Harish R	III/IT
25	811218205005	Irudhayaraj A	III/IT
26	811218205006	Janani S	III/IT
27	811218205007	Janarthanam	III/IT
28	811218205008	Kamalesh A	III/IT
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30	811218205010	Kayalvizhi.B	III/IT
31	811218205011	Manoharan T	III/IT
32	811218205012	Meena R	III/IT
33	811218205013	Milton Billgates J	III/IT
34	811218205014	Mohammed Aarif J	III/IT



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
35	811218205015	Pavithra.N	III/IT
36	811218205016	Priyanka A	III/IT
37	811218205017	Robinson Isaiah E	III/IT
38	811218205018	Selvi M	III/IT
39	811218205019	Shalini Gayathri S	III/IT
40	811218205020	Sivaraman S	III/IT
41	811218205021	Snekaa R	III/IT
42	811218205022	Suganya K	III/IT
43	811218205023	Vasanth S	III/IT
44	811218205024	Vijayakaran M	III/IT
45	811218205025	Wilson Jayaraj S	III/IT
46	811218205026	Antony Arul Doss A	III/IT
47	811218205027	Geethanjali R	III/IT
48	811218205301	Dhanalaxmi.K	III/IT
49	811219205001	Akash V	II/IT
50	811219205002	Akilandeswari J	II/IT
51	811219205003	Aravindhan R	II/IT
52	811219205004	Chitra Bharathy M	II/IT
53	811219205005	Jeevitha M	II/IT
54	811219205006	Kaviya K	II/IT
55	811219205008	Libia Pojathsiyu C	II/IT
56	811219205009	Mageshwaran M	II/IT
57	811219205011	Ranjith M	II/IT
58	811219205012	Ranjith kumar A	II/IT
59	811219205013	Shareen Banu M R	II/IT
60	811219205014	Shobana K	II/IT
61	811219205015	Sivaranjani P	II/IT
62	811219205016	Sowmiya P	II/IT
63	811219205017	Surya A	II/IT

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

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VAC Coordinator

HOD/IT



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REPORT ON VALUE ADDED COURSE

Title: "F&B Development in Full Stack"

Resource Person: Mr.R.Selvaraj
Project Manager
Izone Technologies

Date of conduct from : 05.10.2020 To: 09.10.2020 Duration: 30 Hours

Organized Department : Information Technology

Participant Year: 2,3,4 No. of Students Registered : 63

Venue: IT Seminar Hall <https://ncsu.zoom.us/j/354136101>

Outcome of Value Added Course (VAC): At the end of the Course, Students can be able to

- Full-stack development refers to the method of applying both front-end and back development protocols.
- Built to educate and equip students and any interested person with skills, which will help them get a job and do well with it.
- Bridge that gap and provide practical tools to equip students and professionals for the ever-demanding job industry.
- By the end of the program participants will be become an industry-ready engineer who can be readily deployed in a project.
- Enable participants to develop a complete web application from the scratch that includes Front-end, Backend and Data-exchange technologies.

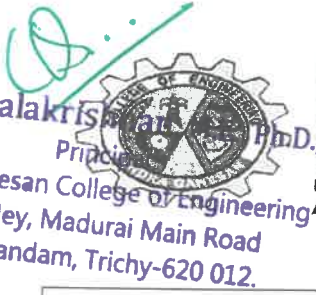
Assessment Process

- Students, who are securing **more than 70% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 marks)


VAC Coordinator


HoD/IT


Principal



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SAMPLE PHOTOS OF VALUE ADDED COURSE

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Resource Person:	Mr.R.Selvaraj Project Manager Izone Technologies		
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		Duration:	30 Hours
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Sample Photos:



[Signature]
VAC Coordinator

[Signature]
HoD/IT

[Signature]
Principal



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Principal
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Name of the Student:

Year/Sem:

AU Register Number:

Value Added Course

“F&B Development in Full Stack”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. What does the term "Full Stack Development" refer to?
 - A. Development that involves stack data structures
 - B. Development that involves front-end and back-end programming
 - C. Development that involves only backend programming
 - D. None of the above

2. Which of the following is not a front-end technology?
 - A. HTML
 - B. CSS
 - C. JavaScript
 - D. SQL

3. The purpose of the Front-end framework in Full stack development is _____.
 - A. To provide the client-side interface
 - B. To manage database
 - C. To reduce the server load
 - D. To send http requests

4. Amongst which of the following programming language is used as a server-side language?
 - A. Python
 - B. C++
 - C. JavaScript
 - D. Both A and C

5. What is a Front-end framework?
 - A. A development platform for developing user-interface for software applications
 - B. A database to store and manage the data of an application
 - C. A development platform for writing server-side logic
 - D. None of the above

6. Database in Full stack development is used to _____.
 - A. Styling HTML pages
 - B. Storing and retrieving data
 - C. Handling errors on server-side
 - D. Rendering web pages



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7. What is Git?

- A. Framework
- B. Version control system
- C. Database
- D. Package manager

8. CRUD stands for ____.

- A. Create, Read, Upload, Delete
- B. Create, Read, Upgrade, Deploy
- C. Create, Remove, Upgrade, Delete
- D. Create, Read, Update, Delete

9. The term "deployment" refers to

- A. Running the project on a server to make it accessible to all
- B. Bundling all the project files into a single file
- C. Removing unnecessary files
- D. Updating existing project

10. A web server in Full Stack Development is ____.

- A. Rendering the user interface
- B. Handling client-side interactions
- C. Executing server-side code and processing requests
- D. Writing server-side logics

11. Is JavaScript synchronous or asynchronous?

- A. Synchronous
- B. Asynchronous
- C. Both
- D. Synchronous but can be used as asynchronous

12. SPA stands for ____.

- A. Standard Page Application
- B. Single Page Application
- C. Smart Protocol Authentication
- D. Scalable Performance Architecture

13. Amongst which of the following is a back-end framework in Python?

- A. Django
- B. Flask
- C. Both A and B
- D. None of the above

14. Amongst which of the following type of database is used in Full stack development?

- A. Relational
- B. NoSQL

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D. GraphQL

15. Amongst which of the following protocol is used to exchange the data between client and server?

- A. HTTP
- B. TCP/IP
- C. SMTP
- D. FTP

16. What is the purpose of CSS in Full stack development?

- A. To style and format HTML elements
- B. To manage http request and response
- C. To store and retrieve data
- D. None of the above

17. Which of the following statement is TRUE about AJAX?

- A. AJAX enables asynchronous data retrieval without reloading the entire page
- B. AJAX improves the design layout
- C. AJAX helps in creating dynamic websites
- D. AJAX is a popular query language for Full stack development

18. The role of view in model-view-controller architecture is ____.

- A. Displaying data to the user
- B. Optimize database queries
- C. Handle client's request
- D. Manage server-side routing

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19. Amongst which of the following is TRUE about model-view-architecture?

- A. The View accesses the data from the Model using AJAX calls
- B. Model and View are independent and do not communicate directly
- C. Model and View communicate via Controller
- D. Model and View communicate directly

20. Amongst which of the following is not a NoSQL database used in Full Stack Development?

- A. MongoDB
- B. PostgreSQL
- C. CouchDB
- D. Hadoop

21. In HTML, the <iframe> tag is used to ____.

- A. Embed another HTML document or a web page within the current document
- B. Insert a video in the HTML document
- C. Create a frame in an HTML document
- D. None of the above

22. Which HTML tag is used to create vector graphics and illustrations?

- A. <canvas>
- B. <svg>
- C. <video>



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D. <details>

23. Which of the following statement is FALSE about class attributes in HTML elements?

- A. The class attribute is used to assign one or more class names to an HTML element
- B. Class attribute allows applying CSS and JavaScript to HTML elements based on the class name
- C. The class attribute is used to assign an ID to the HTML element
- D. The class attribute is one of the most used attributes in HTML elements

24. In an HTML document, which tag is used to add JavaScript code?

- A. <javascript>
- B. <js>
- C. <script>
- D. <java>

25. Which of the following is an array method in JavaScript?

- A. map
- B. every
- C. reduce
- D. all of the above

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Value Added Course

“F&B Development in Full Stack”

ANSWER KEY

1	B	6	B	11	D	16	A	21	A
2	D	7	B	12	B	17	A	22	B
3	A	8	D	13	A&B	18	A	23	C
4	A&C	9	A	14	A	19	B	24	C
5	A	10	C	15	A	20	D	25	D

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VAC coordinator



Department of Information Technology

Academic Year 2020-2021 –Odd Semester

STUDENTS ATTENDANCE LIST

Value Added Course

“F&B Development in Full Stack”

S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	05.10.2020		06.10.2020		07.10.2020		08.10.2020		09.10.2020		NO OF SESSIONS ATTENDED	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811217205001	Anitha G	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
2	811217205002	Balaji V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
3	811217205003	Gopal P	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	Ⓐ	8	Online mode
4	811217205004	Hariharan S	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode
5	811217205005	Karthick A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
6	811217205006	Lisha Y	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
7	811217205007	Lokeshwaran V	IV/IT	✓	✓	✓	Ⓐ	✓	✓	Ⓐ	✓	✓	✓	9	Online mode
8	811217205008	Merciya Mary A	IV/IT	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	9	Online mode
9	811217205009	Mohamed Riyaj Khan M	IV/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	8	Online mode
10	811217205010	Mukesh Kanna S	IV/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	10	Online mode
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				✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode

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15	811217205017	Sudhahar S	IV/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	9	Online mode
16	811217205018	Swetha K	IV/IT	✓	✓	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	✓	8	Online mode
17	811217205019	Tamilselvi M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
18	811217205020	Thiruppathi S	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	05.10.2020		06.10.2020		07.10.2020		08.10.2020		09.10.2020		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811218205017	Robinson Isaiah E	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
38	811218205018	Selvi M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
39	811218205019	Shalini Gayathri S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
40	811218205020	Sivaraman S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
41	811218205021	Snekaa R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
42	811218205022	Suganya K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
43	811218205023	Vasanth S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
44	811218205024	Vijayakaran M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
45	811218205025	Wilson Jayaraj S	III/IT	✓	✓	✓	✓	Ⓐ	Ⓐ	✓	Ⓐ	✓	✓	8	Online mode
46	811218205026	Antony Arul Doss A	III/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	Ⓐ	✓	8	Online mode
47	811218205027	Geethanjali R	III/IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	10	Online mode
48	811218205301	Dhanalaxmi.K	III/IT	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	9	Online mode
49	811219205001	Akash V	II/IT	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	9	Online mode
50	811219205002	Akilandeswari J	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
51	811219205003	Aravindhana R	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
52	811219205004	Chitra Bharathy M	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
53	811219205005	Jeevitha M	II/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	9	Online mode
54	811219205006	Kaviya K	II/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode
55	811219205008	Libia Pojathsiyu C	II/IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode
56	811219205009	Mageshwaran M	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
57	811219205011	Ranjith M	II/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	10	Online mode
58	811219205012	Ranjith kumar A	II/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	9	Online mode
59	811219205013	Shareen Banu M R	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode




Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	05.10.2020		06.10.2020		07.10.2020		08.10.2020		09.10.2020		NO OF SESSION S ATTEND ED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811219205014	Shobana K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
61	811219205015	Sivaranjani P	II/IT	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	✓	9	Online mode
62	811219205016	Sowmiya P	II/IT	✓	✓	Ⓐ	✓	✓	✓	✓	✓	✓	✓	9	Online mode
63	811219205017	Surya A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode


VAC Coordinator



Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.


HoD/IT



Indra Ganesan

COLLEGE OF ENGINEERING
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Manikandam, Trichy-620 012.

Department of Information Technology Academic Year 2020-2021 – Odd Semester

VALUE ADDED COURSE ASSESSMENT SHEET

F&B Development in Full Stack

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	811217205001	Anitha G	IV/IT	30	100	20	80	90
2	811217205002	Balaji V	IV/IT	24	83	15	60	72
3	811217205003	Gopal P	IV/IT	27	100	19	76	88
4	811217205004	Hariharan S	IV/IT	30	100	22	88	94
5	811217205005	Karthick A	IV/IT	30	92	18	72	82
6	811217205006	Lisha Y	IV/IT	27	92	17	68	80
7	811217205007	Lokeshwaran V	IV/IT	27	100	18	72	86
8	811217205008	Merciya Mary A	IV/IT	24	83	17	68	76
9	811217205009	Mohamed Riyaj Khan M	IV/IT	30	92	16	64	78
10	811217205010	Mukesh Kanna S	IV/IT	27	92	16	64	78
11	811217205011	Pakkiyalakshmi A	IV/IT	30	100	20	80	90

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
12	811217205013	Sankar C	IV/IT	30	92	20	80	86
13	811217205015	Santhiya K	IV/IT	30	100	22	88	94
14	811217205016	Saranya C	IV/IT	27	92	17	68	80
15	811217205017	Sudhahar S	IV/IT	27	92	19	76	84
16	811217205018	Swetha K	IV/IT	24	92	19	76	84
17	811217205019	Tamilselvi M	IV/IT	30	100	20	80	90
18	811217205020	Thiruppathi S	IV/IT	30	83	16	64	74
19	811217205021	Vijayaraj S	IV/IT	30	83	16	64	74
20	811217205022	Vijay Joseph P	IV/IT	30	100	22	88	94
21	811218205001	Deepa T	III/IT	27	92	18	72	82
22	811218205002	Dharshini K	III/IT	30	100	22	88	94
23	811218205003	Gopi U	III/IT	30	100	22	88	94
24	811218205004	Harish R	III/IT	27	92	20	80	86
25	811218205005	Irudhayaraj A	III/IT	27	92	19	76	84
26	811218205006	Janani S	III/IT	36	100	20	80	90
27	811218205007	Janarthanan	III/IT	30	83	16	64	74
28	811218205008	Kamalesh A	III/IT	30	83	16	64	74
29	811218205009	Kaviyarasu C	III/IT	30	100	22	88	94

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
31	811218205011	Manoharan T	III/IT	30	100	22	88	94
32	811218205012	Meena R	III/IT	30	100	22	88	94
33	811218205013	Milton Billgates J	III/IT	27	100	22	88	94
34	811218205014	Mohammed Aarif J	III/IT	30	92	17	68	80
35	811218205015	Pavithra.N	III/IT	30	92	19	76	84
36	811218205016	Priyanka A	III/IT	30	92	19	76	84
37	811218205017	Robinson Isaiah E	III/IT	27	100	20	80	90
38	811218205018	Selvi M	III/IT	30	83	16	64	74
39	811218205019	Shalini Gayathri S	III/IT	30	83	16	64	74
40	811218205020	Sivaraman S	III/IT	30	100	22	88	94
41	811218205021	Snekaa R	III/IT	30	92	18	72	82
42	811218205022	Suganya K	III/IT	27	100	22	88	94
43	811218205023	Vasanth S	III/IT	30	100	22	88	94
44	811218205024	Vijayakaran M	III/IT	24	92	20	80	86
45	811218205025	Wilson Jayaraj S	III/IT	24	92	19	76	84
46	811218205026	Antony Arul Doss A	III/IT	30	100	20	80	90
47	811218205027	Geethanjali R	III/IT	27	83	16	64	74
48	811218205301	Dhanalaxmi.K	III/IT	27	83	16	64	74
49	811219205001	Akash V	II/IT	30	92	18	72	82

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
50	811219205002	Akilandeswari J	II/IT	30	90	19	76	83
51	811219205003	Aravindh R	II/IT	30	100	20	80	90
52	811219205004	Chitra Bharathy M	II/IT	30	90	19	76	83
53	811219205005	Jeevitha M	II/IT	27	80	21	84	82
54	811219205006	Kaviya K	II/IT	27	90	20	80	85
55	811219205008	Libia Pojathsiyu C	II/IT	30	100	21	84	92
56	811219205009	Mageshwaran M	II/IT	30	90	20	80	85
57	811219205011	Ranjith M	II/IT	27	100	19	76	88
58	811219205012	Ranjith kumar A	II/IT	30	100	20	80	90
59	811219205013	Shareen Banu M R	II/IT	30	100	21	84	92
60	811219205014	Shobana K	II/IT	30	90	21	84	87
61	811219205015	Sivaranjani P	II/IT	27	80	20	80	80
62	811219205016	Sowmiya P	II/IT	27	90	21	84	87
63	811219205017	Surya A	II/IT	30	100	20	80	90


VAC Coordinator


HOD/IT



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Harish,R**..... of
.....**III YEAR IT**..... has successfully completed the Value Added Course on
“*F&B Development in Full Stack*” organized by Department of Information Technology and IQAC of our
Institution in Association with Izone Technologies from 05th OCTOBER 2020 to 09th OCTOBER 2020
(5 days) during the Academic year 2020-2021.


Izone Technologies
Mrs. R. Selvaraj, Project Manager


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.


Principal
IGCE



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Trichy-12.

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Akash.V**..... of

.....**THIRD YEAR CSE**..... has successfully completed the Value Added Course on


“*F&B Development in Full Stack*” organized by Department of Information Technology and IQAC of our

Institution in Association with Izone Technologies from 05th OCTOBER 2020 to 09th OCTOBER 2020

(5 days) during the Academic year 2020-2021.


Izone Technologies

Mrs. R. Selvaraj, Project Manager


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam Trichy-620 012


Principal
IGCE



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Lokeshwaran.V** of
..... **IV.YEAR.IT** has successfully completed the Value Added Course on
“*F&B Development in Full Stack*” organized by Department of Information Technology and IQAC of our
Institution in Association with Izone Technologies from 05th OCTOBER, 2020 to 09th OCTOBER, 2020
(5 days) during the Academic year 2020-2021.

Izone Technologies
Mrs. R. Selvaraj, Project Manager

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012

Principal
IGCE



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Department of Information Technology

Academic Year 2020-2021 –EVEN Semester

15.03.2021

DEPARTMENT
CIRCULAR

Department of Information Technology and IQAC of IGCE in association with Intellipaath Solution is going to organize Value Added Course for all Second, Third and Final year students on “Handling of Tools and Technology for Disaster” from 16.03.2021 to 20.03.2021 Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Resource Person Detail	I.Mr. C. Arunbalaji, Chief Executive Officer Intellipaath Solution, Chennai.
Venue	IT Seminar Hall, IGCE


HOD/IT


PRINCIPAL

Cc:

- Principal office
- IQAC Co-Ordinator
- Class In charges - II, III & IV-Year
- II, III & IV-Year IT Students
- Office File
- Notice Board


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
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Value Added Course

“Handling of Tools and Technology for Disaster”

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to Disaster	3	16.03.2021
2	Understanding the Concepts and definitions of Disaster	3	16.03.2021
3	Disaster Management Cycle	3	17.03.2021
4	Prevention and Mitigation of Disasters	3	17.03.2021
5	Institutional and Financial Mechanism National Policy on Disaster	3	18.03.2021
6	Disaster Communication System	3	18.03.2021
7	Structural and Non Structural Mitigation of Disasters	3	19.03.2021
8	Characteristics of Image, Image Interpretation and Analysis	3	19.03.2021
9	Operating systems such as DOS, Windows and UNIX	3	20.03.2021
10	Organizing and effective dissemination of information	2	20.03.2021
11	Exam	1	20.03.2021
Total Hours (Excluding Exam)		30	-

V. Jay

VAC Coordinator

Leup
HOD/IT

G. Balakrishnan
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



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Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Value Added Course

Indra Ganesan College of Engineering "Handling of Tools and Technology for Disaster"
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811217205001	Anitha G	IV/IT
2	811217205002	Balaji V	IV/IT
3	811217205003	Gopal P	IV/IT
4	811217205004	Hariharan S	IV/IT
5	811217205005	Karthick A	IV/IT
6	811217205006	Lisha Y	IV/IT
7	811217205007	Lokeshwaran V	V/IT
8	811217205008	Merciya Mary A	IV/IT
9	811217205009	Mohamed Riyaj Khan M	V/IT
10	811217205010	Mukesh Kanna S	V/IT
11	811217205011	Pakkiyalakshmi A	V/IT
12	811217205013	Sankar C	IV/IT
13	811217205015	Santhiya K	IV/IT
14	811217205016	Saranya C	IV/IT
15	811217205017	Sudhahar S	IV/IT
16	811217205018	Swetha K	IV/IT
17	811217205019	Tamilselvi M	IV/IT
18	811217205020	Thiruppathi S	IV/IT
19	811217205021	Vijayaraj S	V/IT
20	811217205022	Vijay Joseph P	V/IT
21	811218205001	Deepa T	II/IT
22	811218205002	Dharshini K	II/IT
23	811218205003	Gopi U	III/IT
24	811218205004	Harish R	III/IT
25	811218205005	Irudhayaraj A	III/IT
26	811218205006	Janani S	III/IT
27	811218205007	Janarthanan	III/IT
28	811218205008	Kamalesh A	III/IT
29	811218205009	Kaviyarasu C	II/IT
30	811218205010	Kayalvizhi.B	II/IT
31	811218205011	Manoharan T	II/IT
32	811218205012	Meena R	II/IT
33	811218205013	Milton Billgates J	III/IT
34	811218205014	Mohammed Aarif J	III/IT



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
35	811218205015	Pavithra.N	III/IT
36	811218205016	Priyanka A	II/IT
37	811218205017	Robinson Isaiah E	III/IT
38	811218205018	Selvi M	III/IT
39	811218205019	Shalini Gayathri S	III/IT
40	811218205020	Sivaraman S	II/IT
41	811218205021	Snekaa R	III/IT
42	811218205022	Suganya K	III/IT
43	811218205023	Vasanth S	III/IT
44	811218205024	Vijayakaran M	III/IT
45	811218205025	Wilson Jayaraj S	III/IT
46	811218205026	Antony Arul Doss A	III/IT
47	811218205027	Geethanjali R	III/IT
48	811218205301	Dhanalaxmi.K	II/IT
49	811219205001	Aakash V	I/IT
50	811219205002	Akilandeswari J	I/IT
51	811219205003	Aravindhana R	I/IT
52	811219205004	Chitra Bharathy M	I/IT
53	811219205005	Jeevitha M	II/IT
54	811219205006	Kaviya K	II/IT
55	811219205008	Libia Pojathsiyu C	II/IT
56	811219205009	Mageshwaran M	II/IT
57	811219205011	Ranjith M	I/IT
58	811219205012	Ranjith kumar A	II/IT
59	811219205013	Shareen Banu M R	II/IT
60	811219205014	Shobana K	I/IT
61	811219205015	Sivaranjani P	I/IT
62	811219205016	Sowmiya P	II/IT
63	811219205017	Surya A	I/IT

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VAC Coordinator

HOD/IT



REPORT ON VALUE ADDED COURSE

Title: "Handling of Tools and Technology for Disaster"

Resource Person: Mr. C. Arunbalaji,
Chief Executive Officer
Intellipaat Solution, Chennai

Date of conduct from : 16.03.2021 To: 20.03.2021 Duration: 30 Hours

Organized Department : Information Technology

Participant Year: 2,3,4 No. of Students Registered : 63

Venue: IT Seminar Hall . <https://us04web.zoom.us/j/769163291?pwd=aGY2MW>

Outcome of Value Added Course (VAC): At the end of the Course, Students can be able to

- Information technology in different disaster management stages such as disaster response, recovery, preparedness and risk reduction.
- Discussions on the use of information technology in each stage are scattered.
- Information technology throughout all disaster management phases is missing.
- Information systems play essential roles in recording, exchanging, and processing information.
- Comprehensive strategy of technology use throughout different disaster management stages, and the necessity of data standards for information sharing among different systems and stakeholders.

Assessment Process

- Students, who are securing more than 70% on total score and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 marks)

VAC Coordinator

HoD/IT

Principal

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Principal

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SAMPLE PHOTOS OF VALUE ADDED COURSE

Title: "Handling of Tools and Technology for Disaster"

Resource Person: Mr. C. Arunbalaji,
Chief Executive Officer
Intellipaath Solution, Chennai

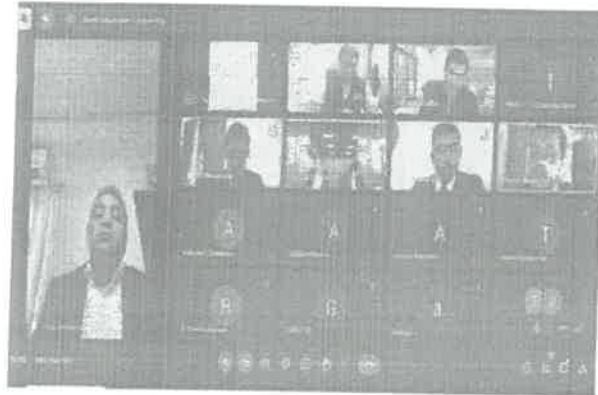
Date of conduct from : 16.03.2021 To: 20.03.2021 Duration: 30 Hours


Organized Department : Information Technology

Participant Year: 2,3,4 No. of Students Registered : 63

Venue: IT Seminar Hall <https://us04web.zoom.us/j/769163291?pwd=aGY2MW>


Sample Photos:




VAC Coordinator


HoD/IT



Principal


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



Indra Ganesan

COLLEGE OF ENGINEERING
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Department of Information Technology

Academic Year 2020-2021 –EVEN Semester

STUDENTS ATTENDANCE LIST

Value Added Course

“Handling of Tools and Technology for Disaster”

S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	16.03.2021		17.03.2021		18.03.2021		19.03.2021		20.03.2021		NO OF SESSIONS ATTENDE D	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811217205001	Anitha G	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
2	811217205002	Balaji V	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
3	811217205003	Gopal P	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
4	811217205004	Hariharan S	IV/IT	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	9	Online mode
5	811217205005	Karthick A	IV/IT	✓	✓	✓	✓	✓	✓	(A)	✓	✓	✓	10	Online mode
6	811217205006	Lisha Y	IV/IT	✓	(A)	✓	✓	✓	(A)	✓	(A)	✓	✓	8	Online mode
7	811217205007	Lokeshwaran V	IV/IT	✓	(A)	✓	✓	✓	(A)	✓	✓	✓	✓	8	Online mode
8	811217205008	Merciya Mary A	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	9	Online mode
9	811217205009	Mohamed Riyaj Khan M	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	8	Online mode
10	811217205010	Mukesh Kanna S	IV/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	9	Online mode
11	811217205011	Pakkiyalakshmi A	IV/IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	9	Online mode
12	811217205013	Sankar C	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
13	811217205015	Santhiya K	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
14	811217205016	Saranya C	IV/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	9	Online mode
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode

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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	16.03.2021		17.03.2021		18.03.2021		19.03.2021		20.03.2021		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811217205017	Sudhahar S	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
16	811217205018	Swetha K	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
17	811217205019	Samilselvi M	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
18	811217205020	Thirupathi S	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
19	811217205021	Vijayaraj S	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
20	811217205022	Vijay Joseph P	V/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
21	811218205001	Deepa T	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
22	811218205002	Dharshini K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
23	811218205003	Gopi U	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
24	811218205004	Harish R	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
25	811218205005	Prudhayaraj A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
26	811218205006	Janani S	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
27	811218205007	Janarthanan	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
28	811218205008	Kamalesh A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
29	811218205009	Kaviyarasu C	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
30	811218205010	Kayalvizhi.B	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
31	811218205011	Manoharan T	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
32	811218205012	Meena R	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
33	811218205013	Milton Billgates J	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
34	811218205014	Mohammed Aarif J	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
35	811218205015	Pavithra.N	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
36	811218205016	Priyanka A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode

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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	16.03.2021		17.03.2021		18.03.2021		19.03.2021		20.03.2021		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811218205017	Robinson Isaiah E	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
38	811218205018	Selvi M	III/IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
39	811218205019	Shalini Gayathri S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
40	811218205020	Sivaraman S	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
41	811218205021	Snekaa R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
42	811218205022	Suganya K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
43	811218205023	Vasanth S	III/IT	✓	✓	✓	✓	✓	ⓐ	✓	✓	✓	✓	9	Online mode
44	811218205024	Vijayakaran M	III/IT	✓	ⓐ	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
45	811218205025	Wilson Jayaraj S	III/IT	✓	✓	✓	ⓐ	✓	✓	✓	✓	✓	ⓐ	9	Online mode
46	811218205026	Antony Arul Doss A	III/IT	✓	✓	✓	ⓐ	✓	✓	✓	✓	ⓐ	ⓐ	8	Online mode
47	811218205027	Geethanjali R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	ⓐ	✓	8	Online mode
48	811218205301	Dhanalaxmi.K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
49	811219205001	Akash V	III/IT	✓	✓	ⓐ	ⓐ	✓	✓	✓	✓	✓	✓	10	Online mode
50	811219205002	Akilandeswari J	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
51	811219205003	Aravindhan R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
52	811219205004	Chitra Bharathy M	III/IT	✓	✓	✓	ⓐ	✓	✓	ⓐ	✓	✓	✓	10	Online mode
53	811219205005	Seevitha M	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
54	811219205006	Kaviya K	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
55	811219205008	Libia Pojathsiyu C	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
56	811219205009	Mageshwaran M	III/IT	✓	✓	✓	✓	ⓐ	ⓐ	✓	✓	ⓐ	ⓐ	8	Online mode
57	811219205011	Ranjith M	III/IT	✓	ⓐ	✓	ⓐ	✓	ⓐ	✓	✓	✓	✓	8	Online mode
58	811219205012	Ranjith kumar A	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
59	811219205013	Shareen Banu M R	III/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811219205014	Shobana K	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
61	811219205015	Sivaranjani P	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	9	Online mode
62	811219205016	Sowmiya P	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
63	811219205017	Surya A	II/IT	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	Ⓐ	8	Online mode


VAC Coordinator


HoD/IT


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Name of the Student:

Year/Sem:

AU Register Number:

Value Added Course

“Handling of Tools and Technology for Disaster”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. CRUD stands for _____.
 - A. Create, Read, Upload, Delete
 - B. Create, Read, Upgrade, Deploy
 - C. Create, Remove, Upgrade, Delete
 - D. Create, Read, Update, Delete
2. Which of the following is not a front-end technology?
 - A. HTML
 - B. CSS
 - C. JavaScript
 - D. SQL
3. The purpose of the Front-end framework in Full stack development is _____.
 - A. To provide the client-side interface
 - B. To manage database
 - C. To reduce the server load
 - D. To send http requests
4. Amongst which of the following programming language is used as a server-side language?
 - A. Python
 - B. C++
 - C. JavaScript
 - D. Both A and C
5. What is a Front-end framework?
 - A. A development platform for developing user-interface for software applications
 - B. A database to store and manage the data of an application
 - C. A development platform for writing server-side logic
 - D. None of the above
6. Database in Full stack development is used to _____.
 - A. Styling HTML pages
 - B. Storing and retrieving data
 - C. Handling errors on server-side
 - D. Rendering web pages


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15. What does ICE stand for?
 - a) in-circuit EPOM
 - b) in-code emulation
 - c) in-circuit emulation
 - d) in-code EPR

16. Who proposed the first power model?
 - a) Tiwari
 - b) Russell and Jacome
 - c) Russell
 - d) Jacome

17. Which of the following offers external chips for memory and peripheral interface circuits?
 - a) Embedded system
 - b) Peripheral system
 - c) Microcontroller
 - d) Microprocessor

18. What kind of socket does an external EPROM to plugged in for prototyping?
 - a) Piggyback reset socket
 - b) Multi-socket
 - c) Piggyback
 - d) Single socket

19. Which is the single device capable of providing prototyping support for a range of microcontroller?
 - a) Umbrella device
 - b) OTP
 - c) RAM
 - d) ROM

20. By which instruction does the switching of registers take place?
 - a) Register instruction
 - b) EXX instruction
 - c) Instruction opcodes
 - d) AXX instruction

21. Which of the architecture is more complex?
 - a) MC68040
 - b) MC68030
 - c) SPARC
 - d) 8086

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14. Amongst which of the following type of database is used in Full stack development?
- A. Relational
 - B. JSON
 - C. XML
 - D. GraphQL
15. Amongst which of the following protocol is used to exchange the data between client and server?
- A. HTTP
 - B. TCP/IP
 - C. SMTP
 - D. FTP
16. What is the purpose of CSS in Full stack development?
- A. To style and format HTML elements
 - B. To manage http request and response
 - C. To store and retrieve data
 - D. None of the above
17. Which of the following statement is TRUE about AJAX?
- A. AJAX enables asynchronous data retrieval without reloading the entire page
 - B. AJAX improves the design layout
 - C. AJAX helps in creating dynamic websites
 - D. AJAX is a popular query language for Full stack development
18. The role of view in model-view-controller architecture is _____.
- A. Displaying data to the user
 - B. Optimize database queries
 - C. Handle client's request
 - D. Manage server-side routing
19. Amongst which of the following is TRUE about model-view-architecture?
- A. The View accesses the data from the Model using AJAX calls
 - B. Model and View are independent and do not communicate directly
 - C. Model and View communicate via Controller
 - D. Model and View communicate directly
20. Amongst which of the following is not a NoSQL database used in Full Stack Development?
- A. MongoDB
 - B. PostgreSQL
 - C. CouchDB
 - D. Hadoop

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Value Added Course

“Handling of Tools and Technology for Disaster”

ANSWER KEY

1	B	6	B	11	D	16	A	21	A
2	D	7	B	12	B	17	A	22	B
3	A	8	D	13	A&B	18	A	23	C
4	A&C	9	A	14	A	19	B	24	C
5	A	10	C	15	A	20	D	25	D

V. Nay
VAC Coordinator

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Department of Information Technology

Academic Year 2020-2021 – Even Semester

VALUE ADDED COURSE ASSESMENT SHEET

Handling of Tools and Technology for Disaster

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	811215205001	Aishwarya. R	IV/IT	30	100	20	80	90
2	811215205002	Akila. N	IV/IT	30	83	15	60	72
3	811215205003	Anbuselvi. R	IV/IT	27	100	19	76	88
4	811215205004	Anitha. A	IV/IT	30	100	22	88	94
5	811215205005	Anitha. R	IV/IT	24	92	18	72	82
6	811215205007	Ashila Banu. M	IV/IT	24	92	17	68	80
7	811215205009	Chithira. M	IV/IT	27	100	18	72	86
8	811215205010	Deepalakshmi. N	IV/IT	24	83	17	68	76
9	811215205011	Dhanalakshmi. D	IV/IT	27	92	16	64	78
10	811215205012	Dhivya. S	IV/IT	27	92	16	64	78
11	811215205013	Ganga Devi. V	IV/IT	30	100	20	80	90

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				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
12	811215205014	Gayathri. B	IV/IT	30	100	20	80	90
13	811215205016	Greeshma. V	IV/IT	27	83	15	60	72
14	811215205017	Jency Delphina. S	IV/IT	30	100	19	76	88
15	811215205018	Karan. K	IV/IT	30	100	22	88	94
16	811215205019	Keerthana. M	IV/IT	27	92	18	72	82
17	811215205020	Kiruthika. G	IV/IT	24	92	17	68	80
18	811215205021	Manikandan. R	IV/IT	30	100	18	72	86
19	811215205022	Mathan Sam Raj. M	IV/IT	24	83	17	68	76
20	811215205023	Menaka. K	IV/IT	27	92	16	64	78
21	811215205024	Nandhini. S	IV/IT	27	92	16	64	78
22	811215205025	Nooril Meena. M	IV/IT	30	100	20	80	90
23	811215205026	Pavithra. L	IV/IT	30	92	20	80	86
24	811215205027	Priyadarshini. S	IV/IT	30	100	20	80	90
25	811215205028	Pushpa. C	IV/IT	24	83	15	60	72
26	811215205029	Sagaya Rani. R	IV/IT	30	100	19	76	88
27	811215205030	Sathish Kumar. G	IV/IT	30	100	22	88	94
28	811215205032	Siddika Banu. S	IV/IT	27	92	18	72	82
29	811215205033	Suvetha. J	IV/IT	27	92	17	68	80
30	811215205034	Vanmathi. A	IV/IT	27	92	18	72	82

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				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
31	811215205035	Victoriaezilarasi.A	IV/IT	24	83	15	60	72
32	811215205036	Vijaya. K	IV/IT	24	83	17	68	76
33	811215205037	Vijayalakshmi. B	IV/IT	24	92	16	64	78
34	811215205038	Vimalraj. R	IV/IT	24	92	16	64	78
35	811215205301	Arunachalam .K	IV/IT	30	100	20	80	90
36	811216205001	Anusuya Devi R	III/IT	27	92	20	80	86
37	811216205003	Balambigai A	III/IT	30	100	20	80	90
38	811216205004	Bharath C	III/IT	27	83	15	60	72
39	811216205005	Boopalan K	III/IT	30	100	19	76	88
40	811216205006	Jeevamani M	III/IT	30	100	22	88	94
41	811216205007	Jeyapriya D	III/IT	30	92	18	72	82
42	811216205008	Kalaiyarasi N	III/IT	27	92	17	68	80
43	811216205009	Kanagavalli J	III/IT	30	100	18	72	86
44	811216205010	Keerthika R	III/IT	27	83	17	68	76
45	811216205011	Krishnan K	III/IT	24	92	16	64	78
46	811216205012	Muthulakshmi P	III/IT	24	92	16	64	78
47	811216205013	Nandhini C	III/IT	30	100	20	80	90
48	811216205014	Nelson	III/IT	30	92	20	80	86
49	811216205015	Parameshwari K	III/IT	24	83	15	60	72



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
50	811216205016	Poovaragavan	III/IT	30	100	19	76	88
51	811216205017	Priyadharshini A	III/IT	30	100	22	88	94
52	811216205018	Radhika M	III/IT	24	92	18	72	82
53	811216205019	Roshini A	III/IT	30	92	17	68	80
54	811216205020	Rubini K.	III/IT	30	100	18	72	86
55	811216205022	Savithri S	III/IT	24	83	17	68	76
56	811216205023	Selvapathi V	III/IT	24	92	16	64	78
57	811216205024	Sivakavi S	III/IT	24	92	16	64	78
58	811216205025	Sivakumar S	III/IT	30	100	20	80	90
59	811216205026	Thanisha S	III/IT	30	92	20	80	86
60	811216205027	Thasthagir S	III/IT	30	92	19	76	84
61	811216205028	Victoriyarani T	III/IT	27	92	19	76	84
62	811216205029	Vidhyasri M	III/IT	30	100	20	80	90
63	811216205030	Wasim Akram M	III/IT	24	83	16	64	74


VAC Coordinator


Dr. G. Balakrishnan, M.E., Ph.D.,
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HOD/IT



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms.**Priyanka.A**.....
ofIII-IT..... has successfully completed the Value
Added Course on “**Handling of Tools and Technology for Disaster**” organized by
Department of Information Technology and IQAC of our Institution in Association with
Intellipatt Solutions from 16th MARCH 2021 to 20th MARCH 2021 (5days) during the
Academic year 2020-2021.


Intellipaat Solution

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms.**Santhiya.K**.....
ofIV-IT..... has successfully completed the Value
Added Course on “**Handling of Tools and Technology for Disaster**” organized by
Department of Information Technology and IQAC of our Institution in Association with
Intellipatt Solutions from 16th MARCH 2021 to 20th MARCH 2021 (5days) during the
Academic year 2020-2021.

Arunbalaji
Intellipaat Solution
Mr. C. Arunbalaji ,Chief Executive Officer

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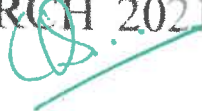
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms.**Kaviya.K**..... of
.....II-IT..... has successfully completed the Value Added
Course on “**Handling of Tools and Technology for Disaster**” organized by Department of
Information Technology and IQAC of our Institution in Association with Intellipatt Solutions
from 16th MARCH 2021 to 20th MARCH 2021 (5days) during the Academic year 2020-
2021.


Intellipaat Solution
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