



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 – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2022-2023 / ODD SEMESTER

1.2 Academic Flexibility (30)

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title:	ANGULAR JS				
Resource Person:	Mr. C.Vivek, Project Manager Axis V Creations Pvt, Ltd, Chennai.				
Date of conduct from:	19.12.2022	To:	24.06.2022	Duration:	36 Hours
Organized Department:	COMPUTER SCIENCE AND ENGINEERING				
Participant Year:	CSE IV,III,II, M.E-I,II, AI&DS II	Semester:	ODD	No. of Students Registered:	100
Venue:	SD Lab Network Lab				

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Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

10.12.2022

DEPARTMENT CIRCULAR

Department of Computer Science and Engineering and IQAC of IGCE in association with **AXIS V Creatives Pvt, Ltd** is going to organized Value Added Course for BE- II,III,IV&M.E I,II CSE,B.Tech-AI&DS II year students on “**Angular JS**” from 19.12.2022 to 24.12.2022. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus


Resource Persons	<ol style="list-style-type: none">1. Mr.C.Vivek Project Manager, Axis V Creatives Pvt ,Ltd,Chennai2. Mr.B.Rahavan Team leader Axis V Creatives Pvt ,Ltd,Chennai
Venue1	SD LAB
Venue2	NETWORK LAB


HOD/CSE


PRINCIPAL

Cc:

- Principal Office
- IQAC Co-Ordinator
- HoD/ CSE
- Class In charges - II, III,IV-CSE II AI&DS
- II, III,IV-CSE II AI&DS Year CSE Students
- Office File
- NoticeBoard

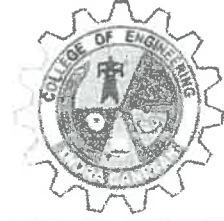

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
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Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

Value Added Course on

“Angular JS”

SYLLABUS

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

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction Overview <ul style="list-style-type: none">➤ Introduction to AngularJS➤ MVC Architecture➤ Conceptual Overview➤ Setting up the Environment➤ First Application Understanding attributes	3	19.12.2022
2	Expressions and Data Binding <ul style="list-style-type: none">➤ Number and String Expressions➤ Object Binding and Expressions➤ Working with Arrays➤ Forgiving Behavior➤ Understanding Data binding	3	19.12.2022
3	Working with Directives <ul style="list-style-type: none">➤ Conditional Directives➤ Styles Directives➤ Mouse and Keyboard Events Directives	3	20.12.2022
4	Controllers <ul style="list-style-type: none">➤ Understanding Controllers Programming Controllers➤ & \$scope object Adding Behavior to a Scope Object➤ Passing Parameters to the Methods Having Array as members in Controller Scope➤ Nested Controllers and Scope Inheritance➤ Multiple Controllers and their scopes	3	20.12.2022
5	Filters <ul style="list-style-type: none">➤ Built-In Filters Uppercase and Lowercase Filters	3	21.12.2022



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Academic Year 2022-2023 – Odd Semester

	<ul style="list-style-type: none">➤ Currency and Number Formatting Filters➤ OrderBy Filter		
6	Forms <ul style="list-style-type: none">➤ Using Simple Form Working with Select and Options➤ Input Validations Using CSS classes➤ Form Events➤ Custom Model update triggers➤ Custom Validations	3	21.12.2022
7	Modules <ul style="list-style-type: none">➤ Why Module? Module Loading and Dependencies➤ Recommended Setup of Application➤ Creation vs Retrieval	3	22.12.2022
8	Services <ul style="list-style-type: none">➤ Understanding Services Developing Creating Services➤ Using a Service Injecting Dependencies in a Service	5	23.12.2022
9	Ajax in AngularJS <ul style="list-style-type: none">➤ \$http Service \$q Service➤ Ajax Impl using \$http and \$q➤ Service	3	23.12.2022
10	Routing <ul style="list-style-type: none">➤ Introduction to SPA Creating HTML Templates➤ Configuring Route Provider	5	24.12.2022
11	Exam	1	24.12.2022
Total Hours		36	-


VAC Coordinator




HoD/CSE

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Academic Year 2022-2023 – Odd Semester

Value Added Course

Angular JS

STUDENTS PARTICIPATION LIST

Dr. G. Balakrishnan, M.E., Ph.D.,
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IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

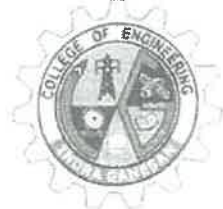
S.No.	Reg.No	Student's Name	Year/ Branch
1.	811219104001	Arun R	IV/CSE
2.	811219104002	Balamanikandaprabhu B R	IV/CSE
3.	811219104003	Bharathi S	IV/CSE
4.	811219104004	Gowtham C	IV/CSE
5.	811219104005	Indhumathi S	IV/CSE
6.	811219104006	Ishwarya P	IV/CSE
7.	811219104007	Kalaiyaran V	IV/CSE
8.	811219104008	Keerthika K	IV/CSE
9.	811219104009	Keerthika V	IV/CSE
10.	811219104010	Krishi Gowtham R	IV/CSE
11.	811219104011	Logadipa Sp	IV/CSE
12.	811219104012	Mohamed Newsath M	IV/CSE
13.	811219104013	Moorthi C	IV/CSE
14.	811219104014	Nancy C	IV/CSE
15.	811219104016	Praveen K	IV/CSE
16.	811219104017	Ranjana S	IV/CSE
17.	811219104018	Ravinya K	IV/CSE
18.	811219104020	Saranya P	IV/CSE
19.	811219104021	Suvalakshmi P	IV/CSE
20.	811219104022	Sweatha B	IV/CSE
21.	811219104023	Vigneshwaran V	IV/CSE
22.	811219104024	Vijayalakshmi B	IV/CSE
23.	811219104025	Vincy Sharmila K	IV/CSE
24.	811219104026	Yathesh M	IV/CSE
25.	811220104002	Akshaya T	III/CSE
26.	811220104004	Appas Ali D	III/CSE
27.	811220104005	Aravindh V K	III/CSE



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Academic Year 2022-2023 – Odd Semester

S.No.	Reg.No	Student's Name	Year/ Branch
28.	811220104007	Ayisha Siddeequa A	III/CSE
29.	811220104008	Benasir S	III/CSE
30.	811220104012	Cibina S	III/CSE
31.	811220104013	Devi K	III/CSE
32.	811220104014	Divyadharshini A	III/CSE
33.	811220104015	Divyakeerthan P	III/CSE
34.	811220104016	Gayathri P	III/CSE
35.	811220104017	Gnanaprakasam A	III/CSE
36.	811220104018	Gowrisankar G	III/CSE
37.	811220104019	Hariharan K	III/CSE
38.	811220104024	Kamali A	III/CSE
39.	811220104025	Kamatchi S	III/CSE
40.	811220104027	Kiruthika M	III/CSE
41.	811220104029	Mathavan N	III/CSE
42.	811220104031	Monisha R	III/CSE
43.	811220104032	Priya P	III/CSE
44.	811220104033	Priyadharshini G	III/CSE
45.	811220104039	Sathyapriya N	III/CSE
46.	811220104041	Sivaranjani M	III/CSE
47.	811220104043	Sneka R	III/CSE
48.	811220104046	Sumithira R	III/CSE
49.	811220104048	Swarnambigai V	III/CSE
50.	811220104050	Thirumavalavan K	III/CSE
51.	811220104051	Vinith Roshan A	III/CSE
52.	811220104052	Yuvaraj M	III/CSE
53.	811220104053	Yuva Sri S	III/CSE
54.	811220104301	Santhosh Kumar S	III/CSE
55.	811221104001	Akshay K	II/CSE
56.	811221104002	Bharathkumar S M	II/CSE
57.	811221104004	Dhinesh C	II/CSE
58.	811221104005	Eyarkai Kamali R	II/CSE
59.	811221104006	Gokulnath P R	II/CSE

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S.No.	Reg.No	Student's Name	Year/ Branch
60.	811221104007	Hariharaswamy M	II/CSE
61.	811221104008	Harish R	II/CSE
62.	811221104009	Harrish M	II/CSE
63.	811221104011	Hema T	II/CSE
64.	811221104012	Jacop Antony L	II/CSE
65.	811221104013	Jeevanantham S	II/CSE
66.	811221104014	Kathirvel K	II/CSE
67.	811221104015	Keerthana J	II/CSE
68.	811221104018	Manikandan N	II/CSE
69.	811221104020	Mohamed Thoufik U	II/CSE
70.	811221104023	Naveenkumar S	II/CSE
71.	811221104024	Nithya A	II/CSE
72.	811221104025	Poornima C	II/CSE
73.	811221104026	Prasanna Balaji C	II/CSE
74.	811221104028	Rajapushpam V	II/CSE
75.	811221104029	Reethika R	II/CSE
76.	811221104030	Resika A V R	II/CSE
77.	811221104031	Santhosh P	II/CSE
78.	811221104032	Saravanaperumal S	II/CSE
79.	811221104034	Selvalakshmi G	II/CSE
80.	811221104035	Sivakumar P	II/CSE
81.	811221104036	Sudhakaran V	II/CSE
82.	811221104037	Sugavaneshwaran S	II/CSE
83.	811221104038	Sumaiya Begam S	II/CSE
84.	811221104040	Suruthi Y	II/CSE
85.	811221104041	Surya D	II/CSE
86.	811221104043	Syed Anwar S	II/CSE
87.	811221104045	Vasanthavel S	II/CSE
88.	811221104046	Vengadeswari M	II/CSE
89.	811221104048	Vishwa S	II/CSE
90.	811221104049	Yogapriya N	II/CSE
91.	811222405001	Goathar Fathima S	I/ME CSE

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Academic Year 2022-2023 – Odd Semester

S.No.	Reg.No	Student's Name	Year/ Branch
92.	811221405001	Madhumathi K	I/ME CSE
93.	811221405002	Vinitha Devi P	I/ME CSE
94.	811221243002	Abdur Rahman J	II/ AI&DS
95.	811221243004	Arun Kumar M	II/ AI&DS
96.	811221243006	Bharath Kumar R	II/ AI&DS
97.	811221243009	Dharani R	II/ AI&DS
98.	811221243013	Javahar Nisha B	II/ AI&DS
99.	811221243025	Mohamed Fahadh A	II/ AI&DS
100.	811221243032	Rakesh S	II/ AI&DS


VAC Coordinator



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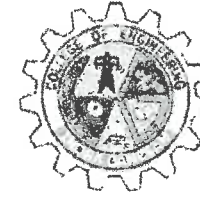

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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

STUDENTS ATTENDANCE LIST

Value Added Course

Angular JS

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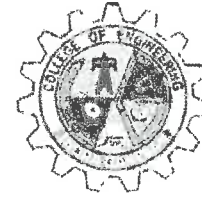
S.No.	Reg.No	Student's Name	Year/ Branch	12.06.23		13.06.23		14.06.23		15.06.23		16.06.23		17.03.23		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1.	811219104001	Arun R	IV/CSE	/	/	✓	✓	/	/	P	P	✓	/	✓	✓	12	
2.	811219104002	Balamanikandaprabhu B R	IV/CSE	/	/	✓	✓	/	/	P	P	✓	/	✓	✓	12	
3.	811219104003	Bharathi S	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	
4.	811219104004	Gowtham C	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	
5.	811219104005	Indhumathi S	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	
6.	811219104006	Ishwarya P	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	
7.	811219104007	Kalaiyarsan V	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	
8.	811219104008	Keerthika K	IV/CSE	/	/	✓	✓	/	/	A	A	/	/	✓	✓	10	
9.	811219104009	Keerthika V	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	



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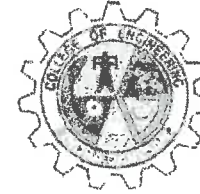
10.	811219104010	Krishi Gowtham R	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Krishi Gowtham R
11.	811219104011	Logadipa Sp	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Logadipa Sp
12.	811219104012	Mohamed Newsath M	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Mohamed Newsath M
13.	811219104013	Moorthi C	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Moorthi C
14.	811219104014	Nancy C	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Nancy C
15.	811219104016	Praveen K	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Praveen K
16.	811219104017	Ranjana S	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Ranjana S
17.	811219104018	Ravinya K	IV/CSE	/	/	A	✓	/	/	P	P	/	/	✓	✓	11	Ravinya K
18.	811219104020	Saranya P	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Saranya P
19.	811219104021	Suvalakshmi P	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Suvalakshmi P
20.	811219104022	Sweatha B	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Sweatha B
21.	811219104023	Vigneshwaran V	IV/CSE	A	A	✓	✓	/	/	P	P	/	/	✓	✓	10	Vigneshwaran V
22.	811219104024	Vijayalakshmi B	IV/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Vijayalakshmi B



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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

23.	811219104025	Vincy Sharmila K	IV/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Vincy
24.	811219104026	Yathesh M	IV/CSE	1	1	✓	✓	1	1	P	P	1	1	A	A	10	Yathesh. M
25.	811220104002	Akshaya T	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	T. Akshaya
26.	811220104004	Appas Ali D	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	D. Appas Ali
27.	811220104005	Aravindh V K	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	V.K. Aravindh
28.	811220104007	Ayisha Siddeeqa A	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	A. Ayisha
29.	811220104008	Benasir S	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	S. Benasir
30.	811220104012	Cibina S	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	S. Cibina
31.	811220104013	Devi K	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	K. Devi
32.	811220104014	Divyadharshini A	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	A. Divyadharshini
33.	811220104015	Divyakeerthan P	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	P. Divyakeerthan
34.	811220104016	Gayathri P	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	P. Gayathri
35.	811220104017	Gnanaprakasam A	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	A. Gnanaprakasam
36.	811220104018	Gowrisankar G	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	G. Gowrisankar



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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

37.	811220104019	Hariharan K	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	K. Hariharan
38.	811220104024	Kamali A	III/CSE	1	1	✓	✓	1	1	P	P	A	A	✓	✓	10	Kamali .A
39.	811220104025	Kamatchi S	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Ka i
40.	811220104027	Kiruthika M	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	M. Kiruthika
41.	811220104029	Mathavan N	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	N. Mathavan
42.	811220104031	Monisha R	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	R. monisha
43.	811220104032	Priya P	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Priya. P
44.	811220104033	Priyadharshini G	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Priyadharshini G
45.	811220104039	Sathyapriya N	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Sathyapriya
46.	811220104041	Sivaranjani M	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	M. Sivaranjan
47.	811220104043	Sneka R	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	R. Sneka
48.	811220104046	Sumithira R	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Sumithira
49.	811220104048	Swarnambigai V	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	Swarnambigai V
50.	811220104050	Thirumavalavan K	III/CSE	1	1	✓	✓	1	1	P	P	1	1	✓	✓	12	K. Thirumavalavan



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(Signature)

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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

51.	811220104051	Vinith Roshan A	III/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>(Signature)</i>
52.	811220104052	Yuvaraj M	III/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Yuvaraj M</i>
53.	811220104053	Yuva Sri S	III/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>(Signature)</i>
54.	811220104301	Santhosh Kumar S	III/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>S. Santhosh Kumar</i>
55.	811221104001	Akshay K	II/CSE	/	/	✓	✓	/	/	A	A	/	/	✓	✓	10	<i>Akshay K</i>
56.	811221104002	Bharathkumar S M	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Bharathkumar S M</i>
57.	811221104004	Dhinesh C	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Dhinesh C</i>
58.	811221104005	Eyarkai Kamali R	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Eyarkai Kamali R</i>
59.	811221104006	Gokulnath P R	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Gokulnath P R</i>
60.	811221104007	Hariharaswamy M	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Hariharaswamy M</i>
61.	811221104008	Harish R	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Harish R</i>
62.	811221104009	Harrish M	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Harrish M</i>
63.	811221104011	Hema T	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Hema T</i>
64.	811221104012	Jacop Antony L	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	<i>Jacop Antony L</i>



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Academic Year 2022-2023 –Odd Semester

65.	811221104013	Jeevanantham S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Jeevanantham
66.	811221104014	Kathirvel K	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Kathirvel K
67.	811221104015	Keerthana J	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	J. Keerthana
68.	811221104018	Manikandan N	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	N. Manikandan
69.	811221104020	Mohamed Thoufik U	II/CSE	/	/	✓	✓	/	/	P	P	/	/	A	A	10	M. Thoufik U
70.	811221104023	Naveenkumar S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Naveenkumar
71.	811221104024	Nithya A	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Nithya A
72.	811221104025	Poornima C	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	C. Poornima
73.	811221104026	Prasanna Balaji C	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	C. Prasanna Balaji
74.	811221104028	Rajapushpam V	II/CSE	/	/	✓	✓	/	/	P	P	A	/	✓	✓	11	V. Rajapushpam
75.	811221104029	Reethika R	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	R. Reethika
76.	811221104030	Resika A V R.	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	R. Resika A V R.
77.	811221104031	Santhosh P	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	P. Santhosh
78.	811221104032	Saravanaperumal S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Saravanaperumal



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79.	811221104034	Selvalakshmi G	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Selvalakshmi
80.	811221104035	Sivakumar P	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	P. Sivakumar
81.	811221104036	Sudhakaran V	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	V. Sudhakaran
82.	811221104037	Sugavaneshwaran S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Sugavaneshwaran
83.	811221104038	Sumaiya Begam S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Sumaiya Begam
84.	811221104040	Suruthi Y	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Y. Suruthi
85.	811221104041	Surya D	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	11	D. Surya
86.	811221104043	Syed Anwar S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Anwar
87.	811221104045	Vasanthavel S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Vasanthavel
88.	811221104046	Vengadeswari M	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	M. Vengadeswari
89.	811221104048	Vishwa S	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Vishwa
90.	811221104049	Yogapriya N	II/CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	N. Yogapriya
91.	811222405001	Goathar Fathima S	I/ME CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	S. Goathar Fathima



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92.	811221405001	Madhumathi K	II/ME CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	K.Madhu
93.	811221405002	Vinitha Devi P	II/ME CSE	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Vinitha
94.	811221243002	Abdur Rahman J	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Abdur Rahman
95.	811221243004	Arun Kumar M	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	M.Arun
96.	811221243006	Bharath Kumar R	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	11	Bharath Kumar
97.	811221243009	Dharani R	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Dharani
98.	811221243013	Javahar Nisha B	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Javahar Nisha
99.	811221243025	Mohamed Fahadh A	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	11	Mohamed Fahadh
100.	811221243032	Rakesh S	II/ AI&DS	/	/	✓	✓	/	/	P	P	/	/	✓	✓	12	Rakesh


VAC Coordinator


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Academic Year 2022-2023 – Odd Semester

Name of the Student : P.R. Gokul Nath

Year/Sem: 11/3

AU Register Number: 811221104006

Value Added Course on “Angular JS”

MCQ QUESTIONS (25X4 = 100 Marks)

1) Which of the following statement is correct for AngularJS?

- a) AngularJS is an HTML framework b) AngularJS is a Java framework
c) AngularJS is a JavaScript framework d) AngularJS is a SQL framework

2) On which of the Architectural pattern AngularJS is based?

- a) Observer Pattern b) Decorator pattern
c) MVC Architecture pattern d) MVVM Architectural pattern

3) Angular is perfect for?

- a) SPAs b) MPAs
c) DPAs d) CPAs

4) Which of the following directive is used to bind the application data to the HTML view in AngularJS?

- a) ng-app directive b) ng-model directive
c) ng-bind directive d) ng-init directive

5) Which of the following syntax is correct for applying multiple filters in AngularJS?

- a) {{ expression | filter1 | filter2 | ... }} b) {{ expression | ;filter1 |
{filter2} | ... }}
c) {{ expression - {filter1} - {filter2} - ... }} d) {{ {filter1} | {filter2} | ... -
expression }}

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6) Which of the following is an advantage of AngularJS?

- a) AngularJS code is unit testable.
- b) AngularJS provides reusable components.
- c) AngularJS uses dependency injection and makes use of separation of concerns.
- d) All of the above

7) Which of the following statement is true about \$dirty flag?

- a) \$dirty flag is used to state that value has been changed
- b) \$dirty flag is used to state that the form has invalid data.
- c) Both of the above.
- d) None of the above.

8) What will be the output for the following code?

- 1. `<div ng-app="" ng-init="points=[1,15,19,2,40]">`
- 2. `<p>The output is {{ points[2] }}</p>`
- 3. `</div>`

- a) The output is 1
- b) The output is 15
- c) The output is 19
- d) The output is 2

9) What is the use of Angular Controllers in the application?

- a) Angular controllers are used for controlling the data.
- b) Angular controllers are used for displaying the data.
- c) Both of the above are correct.
- d) None of the above is correct.

10) Which of the following syntax is used to create a module in AngularJS?

- a) `Var myModule= angular. Module();`
- b) `var myModule= new Module();`
- c) `Module ("app", []);`
- d) none of the above

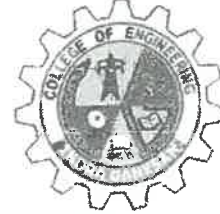
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11) Which of the following is used to share data between controller and view in AngularJS?

- a) using Model
b) using services
c) Using factory
d) using \$scope

12) Which of the following statement specifies the data-binding in AngularJS?

- a) Synchronization of data between the model and view components.
b) Synchronization of data between the model and controller components.
c) Synchronization of data between the controller and view components.
d) None of the above

13) Which of the following is not a valid AngularJS filter?

- a) lowercase
b) orderby
c) Email
d) currency

14) Who is known as the father of AngularJS?

- a) Brad Green
b) Misko Hevery
c) Adam Abrons
d) Mike Adams

15) Which of the following directive is used to bind the value of HTML controls to application data?

- a) ng-app
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c) ng-model
d) ng-hide

16) Which of the following community Angular JS belong to?

- a) Twitter
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c) Google
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17) How would you retrieve a list of items from a server's URL?

- a) create a URL transaction b) Use the HTTP get method
c) Create a get SQL statement d) Use an HTTP package

18) Which of the following is not built-in pipe in Angular?

- a) DatePipe b) Currency Pipe
c) Data Pipe d) Percent Pipe

19) AngularJS is perfect for?

- a) MPAs b) DPAs
c) SPAs d) CPAs

20) On which of the Architectural pattern AngularJS is based?

- a) MVC Architecture pattern b) Observer Pattern
c) Decorator pattern d) MVVM Architectural pattern

21) Which of the following statement is true about the lowercase filter?

- a) The lowercase filter is a function that takes text as input.
b) The lowercase filter converts a text to lower case text.
c) All Of above d) None of above

22) Which of the following statement is true about \$dirty flag?

- a) \$dirty flag is used to state that the form has invalid data
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23) Which of the following syntax is used to create a module in AngularJS?

a) `var myModule= new Module ();` b) `var myModule= angular. Module();`

c) `module("app", []);` d) None of the above

24) Which of the following statement is true in the case of \$routeProvider?

a) It is a module. b) It is a service.

c) It is a component. d) None of the above.

25) Who is known as the father of AngularJS?

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Academic Year 2022-2023 – Odd Semester

Name of the Student : *Arun Kumar . M*

Year/Sem: *II / III* *AKDS*

AU Register Number: *811221243004*

Value Added Course on “Angular JS”

MCQ QUESTIONS (25X4 = 100 Marks)

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c) `{{ expression - {filter1} - {filter2} - ... }}` d) `{{ {filter1} | {filter2} | ... expression }}`

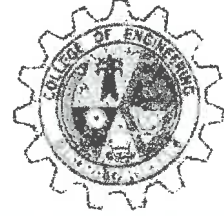
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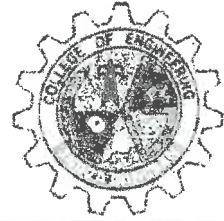

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Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited, 2(F) Status Institution by UGC



Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

Value Added Course

Angular JS

ANSWER KEY

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


VAC Coordinator



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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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

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

VALUE ADDED COURSE ASSESMENT SHEET

Angular JS

S.No.	Reg.No	Student's 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.	811219104001	Arun R	IV/CSE	36	100	20	80	90
2.	811219104002	Balamanikandaprabhu B R	IV/CSE	36	100	15	60	80
3.	811219104003	Bharathi S	IV/CSE	36	100	19	76	88
4.	811219104004	Gowtham C	IV/CSE	36	100	22	88	94
5.	811219104005	Indhumathi S	IV/CSE	36	100	18	72	86
6.	811219104006	Ishwarya P	IV/CSE	36	100	17	68	84
7.	811219104007	Kalaiyaran V	IV/CSE	30	83	18	72	77
8.	811219104008	Keerthika K	IV/CSE	36	100	17	68	84
9.	811219104009	Keerthika V	IV/CSE	36	100	16	64	82
10.	811219104010	Krishi Gowtham R	IV/CSE	36	100	16	64	82
11.	811219104011	Logadipa Sp	IV/CSE	36	100	20	80	90



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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

S.No.	Reg.No	Student's 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.	811219104012	Mohamed Nowsath M	IV/CSE	36	100	20	80	90
13.	811219104013	Moorthi C	IV/CSE	36	100	22	88	94
14.	811219104014	Nancy C	IV/CSE	36	100	17	68	84
15.	811219104016	Praveen K	IV/CSE	36	100	19	76	88
16.	811219104017	Ranjana S	IV/CSE	36	100	19	76	88
17.	811219104018	Ravinya K	IV/CSE	33	92	20	80	86
18.	811219104020	Saranya P	IV/CSE	36	100	16	64	82
19.	811219104021	Suvalakshmi P	IV/CSE	36	100	16	64	82
20.	811219104022	Sweatha B	IV/CSE	36	100	22	88	94
21.	811219104023	Vigneshwaran V	IV/CSE	30	83	18	72	77
22.	811219104024	Vijayalakshmi B	IV/CSE	36	100	22	88	94
23.	811219104025	Vincy Sharmila K	IV/CSE	36	100	22	88	94
24.	811219104026	Yathesh M	IV/CSE	30	83	20	80	81
25.	811220104002	Akshaya T	III/CSE	36	100	19	76	88
26.	811220104004	Appas Ali D	III/CSE	36	100	20	80	90
27.	811220104005	Aravindh V K	III/CSE	36	100	16	64	82



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Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012

Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

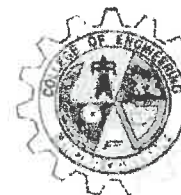
S.No.	Reg.No	Student's Name	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of Hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
28.	811220104007	Ayisha Siddeequa A	III/CSE	36	100	16	64	82
29.	811220104008	Benasir S	III/CSE	36	100	22	88	94
30.	811220104012	Cibina S	III/CSE	36	100	18	72	86
31.	811220104013	Devi K	III/CSE	36	100	22	88	94
32.	811220104014	Divyadharshini A	III/CSE	36	100	22	88	94
33.	811220104015	Divyakeerthan P	III/CSE	36	100	20	80	90
34.	811220104016	Gayathri P	III/CSE	36	100	20	80	90
35.	811220104017	Gnanaprakasam A	III/CSE	36	100	22	88	94
36.	811220104018	Gowrisankar G	III/CSE	36	100	20	80	90
37.	811220104019	Hariharan K	III/CSE	36	100	20	80	90
38.	811220104024	Kamali A	III/CSE	30	83	22	88	85
39.	811220104025	Kamatchi S	III/CSE	36	100	20	80	90
40.	811220104027	Kiruthika M	III/CSE	36	100	20	80	90
41.	811220104029	Mathavan N	III/CSE	36	100	22	88	94
42.	811220104031	Monisha R	III/CSE	36	100	20	80	90
43.	811220104032	Priya P	III/CSE	36	100	20	80	90



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COLLEGE OF ENGINEERING

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Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road
Manikandam, Trichy-620 012

Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

S.No.	Reg.No	Student's 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)	
44.	811220104033	Priyadharshini G	III/CSE	36	100	20	80	90
45.	811220104039	Sathyapriya N	III/CSE	36	100	22	88	94
46.	811220104041	Sivaranjani M	III/CSE	36	100	20	80	90
47.	811220104043	Sneka R	III/CSE	36	100	20	80	90
48.	811220104046	Sumithira R	III/CSE	36	100	22	88	94
49.	811220104048	Swarnambigai V	III/CSE	36	100	20	80	90
50.	811220104050	Thirumavalavan K	III/CSE	36	100	20	80	90
51.	811220104051	Vinith Roshan A	III/CSE	36	100	22	88	94
52.	811220104052	Yuvaraj M	III/CSE	36	100	20	80	90
53.	811220104053	Yuva Sri S	III/CSE	36	100	20	80	90
54.	811220104301	Santhosh Kumar S	III/CSE	36	100	20	80	90
55.	811221104001	Akshay K	II/CSE	30	83	22	88	85
56.	811221104002	Bharathkumar S M	II/CSE	36	100	20	80	90
57.	811221104004	Dhinesh C	II/CSE	36	100	20	80	90
58.	811221104005	Eyarkai Kamali R	II/CSE	36	100	22	88	94
59.	811221104006	Gokulnath P R	II/CSE	36	100	22	88	94



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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

S.No.	Reg.No	Student's 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)	
60.	811221104007	Hariharaswamy M	II/CSE	36	100	20	80	90
61.	811221104008	Harish R	II/CSE	36	100	20	80	90
62.	811221104009	Harrish M	II/CSE	36	100	20	80	90
63.	811221104011	Hema T	II/CSE	36	100	22	88	94
64.	811221104012	Jacop Antony L	II/CSE	36	100	20	80	90
65.	811221104013	Jeevanantham S	II/CSE	36	100	20	80	90
66.	811221104014	Kathirvel K	II/CSE	36	100	22	88	94
67.	811221104015	Keerthana J	II/CSE	36	100	20	80	90
68.	811221104018	Manikandan N	II/CSE	36	100	20	80	90
69.	811221104020	Mohamed Thoufik U	II/CSE	30	83	22	88	85
70.	811221104023	Naveenkumar S	II/CSE	36	100	20	80	90
71.	811221104024	Nithya A	II/CSE	36	100	20	80	90
72.	811221104025	Poornima C	II/CSE	36	100	20	80	90
73.	811221104026	Prasanna Balaji C	II/CSE	36	100	22	88	94
74.	811221104028	Rajapushpam V	II/CSE	33	92	20	80	86
75.	811221104029	Reethika R	II/CSE	36	100	20	80	90



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(Signature)

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Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

S.No.	Reg.No	Student's 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)	
76.	811221104030	Resika A V R	II/CSE	36	100	22	88	94
77.	811221104031	Santhosh P	II/CSE	36	100	20	80	90
78.	811221104032	Saravanaperumal S	II/CSE	36	100	20	80	90
79.	811221104034	Selvalakshmi G	II/CSE	36	100	22	88	94
80.	811221104035	Sivakumar P	II/CSE	36	100	20	80	90
81.	811221104036	Sudhakaran V	II/CSE	36	100	20	80	90
82.	811221104037	Sugavaneshwaran S	II/CSE	36	100	20	80	90
83.	811221104038	Sumaiya Begam S	II/CSE	36	100	22	88	94
84.	811221104040	Suruthi Y	II/CSE	36	100	20	80	90
85.	811221104041	Surya D	II/CSE	33	92	20	80	86
86.	811221104043	Syed Anwar S	II/CSE	36	100	22	88	94
87.	811221104045	Vasanthavel S	II/CSE	36	100	20	80	90
88.	811221104046	Vengadeswari M	II/CSE	36	100	20	80	90
89.	811221104048	Vishwa S	II/CSE	36	100	22	88	94
90.	811221104049	Yogapriya N	II/CSE	36	100	20	80	90
91.	811222405001	Goathar Fathima S	I/ME CSE	36	100	20	80	90



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Department of Computer Science & Engineering

Academic Year 2022-2023 –Odd Semester

S.No.	Reg.No	Student's 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)	
92.	811221405001	Madhumathi K	II/ME CSE	36	100	20	80	90
93.	811221405002	Vinitha Devi P	II/ME CSE	36	100	22	88	94
94.	811221243002	Abdur Rahman J	II/ AI&DS	36	100	20	80	90
95.	811221243004	Arun Kumar M	II/AI&DS	36	100	21	84	92
96.	811221243006	Bharath Kumar R	II/AI&DS	33	92	22	88	90
97.	811221243009	Dharani R	II/ AI&DS	36	100	20	80	90
98.	811221243013	Javahar Nisha B	II/ AI&DS	36	100	20	80	90
99.	811221243025	Mohamed Fahadh A	II/ AI&DS	33	92	22	88	90
100.	811221243032	Rakesh S	II/ AI&DS	36	100	20	80	90

VAC Coordinator

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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HoD/CSE



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Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

Report on Value Added Course

Title:	Angular JS				
Resource Person:	Mr.C.Vivek Project Manager, Axis V Creatives Pvt Ltd,Chennai	Mr.B.Rahavan Team leader Axis V Creatives Pvt Ltd,Chennai			
Date of conduct from :	19.12.2022	To:	24.12.2022	Duration:	36 Hours
Organized Department :	COMPUTER SCIENCE AND ENGINEERING				
Participant Year:	B.E-II,III & IV- Year /CSE I,II ME,B.Tech-II AI&DS	No. of Students Registered :	100		
Venue:	SD LAB,NETWORKLAB				
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to					
<ul style="list-style-type: none">• Know the fundamentals of Angular JS and its architecture .• Discuss Module, controllers, Events• Apply inbuilt and custom pipes• Develop object-oriented Ruby programs using classes and objects• Design forms and Modules in React JS• Explain Services, Animations, Routing .					
Assessment Process					
<ul style="list-style-type: none">• 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 = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$					
 VAC Coordinator		 HoD/CSE		 Principal	

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Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

Report on Value Added Course

Title: **Angular JS**

Resource Person: **Mr.C.Vivek**
Project Manager,
Axis V Creatives Pvt
Ltd,Chennai

Mr.B.Rahavan
Team leader
Axis V Creatives Pvt
Ltd,Chennai

Date of conduct from : **19.12.2022** To: **24.12.2022** Duration: **36 Hours**

Organized Department : **COMPUTER SCIENCE AND ENGINEERING**

Participant Year: **B.E-II,III & IV- Year /CSE**
I,II ME,B.Tech-II AI&DS No. of Students Registered : **100**

Venue: **SD LAB,NETWORKLAB**

Sample Photo



A.S.
VAC Coordinator

D. Prudh
HoD/CSE

V. Prudh
Principal

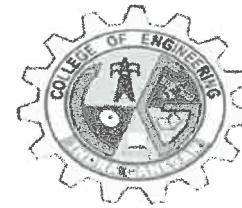
(S)
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Ranjana S**

IV YEAR CSE

has successfully completed the Value Added Course on "Angular JS" organized by Department of Computer Science and Engineering and IQAC of our Institution in Association with AXIS V Creatives Pvt, Ltd from 19th December 2022 to December 2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

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

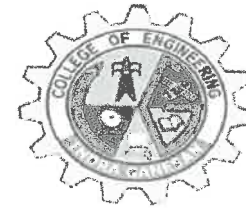
PRINCIPAL



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Nancy C**

IV YEAR CSE

has successfully completed the Value Added Course on "Angular JS" organized by Department of Computer Science and Engineering and IQAC of our Institution in Association with AXIS V Creatives Pvt, Ltd from 19th December 2022 to December 2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
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PRINCIPAL



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Krishi Gowtham R**

IV YEAR CSE

..... has successfully completed the Value Added Course on
"Angular JS" organized by Department of Computer Science and Engineering and IQAC of our
Institution in Association with **AXIS V Creatives Pvt, Ltd** from 19th December 2022 to December
2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

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

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

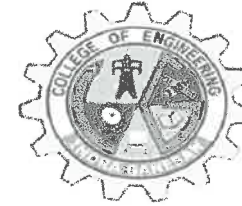
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Keerthika K**

IV YEAR CSE

has successfully completed the Value Added Course on "Angular JS" organized by Department of Computer Science and Engineering and IQAC of our Institution in Association with AXIS V Creatives Pvt, Ltd from 19th December 2022 to December 2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

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

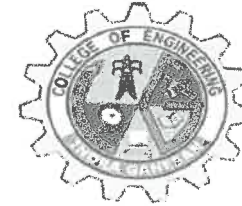
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Moorthi C**

IV YEAR CSE

has successfully completed the Value Added Course on
"Angular JS" organized by Department of Computer Science and Engineering and IQAC of our
Institution in Association with **AXIS V Creatives Pvt, Ltd** from 19th December 2022 to December
2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

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

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Kalaiyaran V** of
..... **IV YEAR CSE** has successfully completed the Value Added Course on
“Angular JS” organized by Department of Computer Science and Engineering and IQAC of our
Institution in Association with **AXIS V Creatives Pvt, Ltd** from 19th December 2022 to December
2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

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

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This is to certify that Mr/Ms. **Sneka R** of
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Mr. C. Vivek,
Project Manager,
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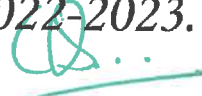
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*This is to certify that Mr/Ms. **Yuva Sri S** of
 **III YEAR CSE** has successfully completed the Value Added Course on
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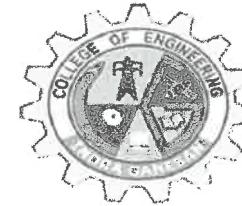
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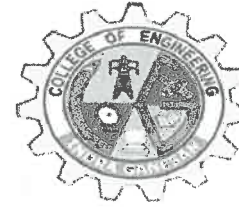
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This is to certify that Mr/Ms. **Benasir S**

III YEAR CSE

has successfully completed the Value Added Course on
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This is to certify that Mr/Ms. **Devi K** of
..... **III YEAR CSE** has successfully completed the Value Added Course on
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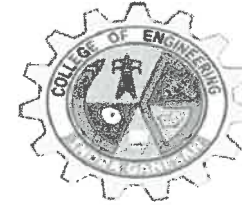
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This is to certify that Mr/Ms. **Priyadharshini G**

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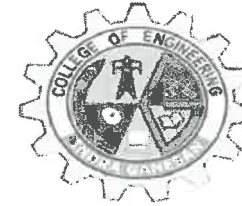
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This is to certify that Mr/Ms. **Keerthana J**

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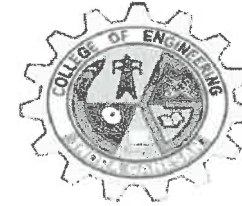
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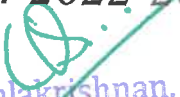
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This is to certify that Mr/Ms. **Prasanna Balaji C**

II YEAR CSE

has successfully completed the Value Added Course on "Angular JS" organized by Department of Computer Science and Engineering and IQAC of our Institution in Association with AXIS V Creatives Pvt, Ltd from 19th December 2022 to December 2022 (6days) during the Academic year 2022-2023.

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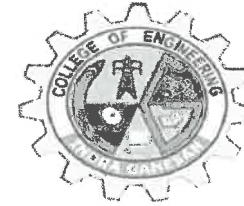
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This is to certify that Mr/Ms. **Naveenkumar S**

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This is to certify that Mr/Ms. **Poornima C**

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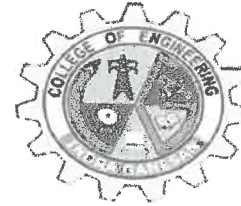
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This is to certify that Mr/Ms. **Rakesh S** of
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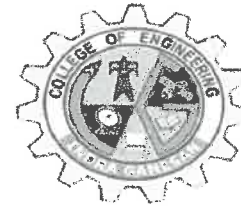
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This is to certify that Mr/Ms. **Mohamed Fahadh A** of
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This is to certify that Mr/Ms. **Javahar Nisha B** of
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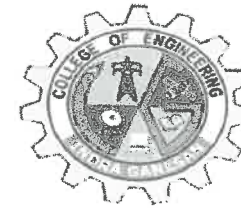
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This is to certify that Mr/Ms. **Arun Kumar M** of
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