

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 2018-2019 / EVEN SEMESTER

Academic Flexibility (30)

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

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:	C#												
Resource Person: Mrs. Sankari, Project Manager Flink Technologies, Kumbakonam													
Date of con	duct fro	m:	10.06.2019		To:	15.06.2019		Duration:	36 Hours				
Organized	Departn	nent:	COMPUT	ER SC	IENCI	E AND ENG	INEE	RING					
Participant Year: CSE IV,III,II, and M.E-II Semester: EVEN Registered: 115													
Venue:	SD Lab ,	Netw	ork Lab										

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Academic Year 2018-2019 - Even Semester

4.06.2019

DEPARTMENT CIRCULAR

Department of Computer Science and Engineering IGCE in association with Flink Technologies is going to organized Value Added Course for BE-II,III,IV and M.E First, Second year students on "C#" from 10.06.2019 to 15.06.2019. 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	1. Mrs. Sankari, Project Manager, Flink Technologies
	2. Mr. M. Krishnan Trainer Flink Technologies
Venue 1	SD LAB
Venue 2	NETWORK LAB

HOD/CSE

Cc:

- Principal Office
- HoD/CSE
- Class In charges II, III ,IV& ME I,II
- II, III & IV-Year PG CSE Students
- · Office File
- Notice Board

PRINCIPAL

Dr. G. Balakrishnan, M.E., Pl



Academic Year 2018-2019 - Even Semester

Value Added Course on

"C#"

SYLLABUS

S.NO	TOTIC COVERED	DURATION (in hours)	DATE
1	INTRODUCTION The .NET Framework - an Overview Framework Components MSIL / Metadata and PE files. The Common Language Punting (CLN)	3	10.06.201
2	C # Language Syntax > Why Datatypes Global, Stack and Heap Memory > Common Type System > Casting between other datatypes	3	10.06.2019
3	OOPs-Inheritance Introduction to Inheritance Static and Dynamic Binding Abstract Class	3	11.06.2019
4	OOPs-Interface & Polymorphism > Overview of Interface > Interface with examples > Types of Inheritance	3	11.06.2019
5	Assemblies and GAC What is a DLL and how is it different from EXE Types of DLL Types of Assemblies Global Assembly Cache	3	12.06.2019
6	Exception Handling ➤ Defining Exception ➤ Understandings try and catch keywords ➤ Creating User defined/Custom Exception class	3	12. 06.2019
7	IO Streams ➤ What is a streams? ➤ Serialization / Deserialization	3	13. 06.2019
8	Developing GUI Application Using WINFORMS	5	13. 06.2019

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



Academic Year 2018-2019 - Even Semester

	 Basic Controls Panel & Layouts Drawing and GDI Devices Working with Resource Files and Setting Notify Icon Controls 		
9	Database Programming Using ADO.NET ➤ Prerequisite - Knowledge of SQL Queries ➤ Introduction and Evolution of ADO.NET ➤ How to implement Login facility with database ➤ Use of Multiple Active Result Sets	4	14. 06.2019
10	Packaging and Deployment ➤ File System Editor Registry Editor ➤ Launch Condition Editor ➤ Creating Uninstall Shortcut	5	15. 06.2019
11	Exam	1	15. 06.2019
	Total Hours	36	The state of the s

VAC Coordinator

11007001

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



Academic Year 2018-2019 – Even Semester

Value Added Course

C#

STUDENTS PARTICIPATION LIST

S.No.	8	Student's Name	Year/ Branch
1.	81121510400		IV/CSE
2.	811215104002	Abirami.A	IV/CSE
3.	811215104003	Phor Att militing	IV/CSE
4.	811215104004	The state of the s	IV/CSE
5.	811215104005	Balaji.G	IV/CSE
6.	811215104006	MANOS 2.1 CS	IV/CSE
7.	811215104007	THE PERSON NAMED IN TAIL	IV/CSE
8.	811215104009	Denima.A	IV/CSE
9.	811215104010	Dhurga Devi.M	IV/CSE
10.	811215104013	Giridharani.S	IV/CSE
11.	811215104014		IV/CSE
12.	811215104015	The same of the sa	IV/CSE
13.	811215104016		IV/CSE
14.	811215104017	Hemasivasankari.S	IV/CSE
15.	811215104018	Indhu.S	IV/CSE
16.	811215104019	Indira.K.J	IV/CSE
17.	811215104020	Kanaga Raj.P	IV/CSE
18.	811215104021	Keerthana.R.R	IV/CSE
	their tax and	Keerthana.S	IV/CSE
20.	811215104023	Mani Kandan.A	IV/CSE
21.	811215104024	Mani Kandan.P	IV/CSE
	The same and the s	Meena.A	IV/CSE
23.	811215104026	Murali.S	/IWCSE ·
24.	811215104027	Narkis Banu.A	IV/CSE
25. {	311215104028	Nirosha.K	Ralakrishnan, M.E., Ph.D.



Academic Year 2018-2019 - Even Semester

S.No		Student's Name	Year/ Branch
26		29 Pradeep.T	IV/CSE
27		The state of the s	IV/CSE
28		The state of the s	IV/CSE
29			IV/CSE
30.		3	IV/CSE
31.	81121510403	4 Rajmohan.V	IV/CSE
32.	81121510403	5 Ramalakshmi.M	IV/CSE
33.			IV/CSE
34.		Roselin Lithveena.J	IV/CSE
35.			IV/CSE
36.	811215104039		IV/CSE
37.	811215104040	Shabika Banu.B	IV/CSE
38.	811215104041	Subashree.M	IV/CSE
39.	811215104042	Subathradevi.C	IV/CSE
40.	811215104043	Suganya.S	IV/CSE
41.	811215104044		IV/CSE
42.	811215104047	Yogapriya.B	IV/CSE
43.	811215104301	Annalakshmi.G	IV/CSE
44.	811215104302	Rangeela.T	IV/CSE
45.	811216104002	Anjaladevi J	III/CSE
46.	811216104003	Aparna S	III/CSE
47 .	811216104004	Archana T	III/CSE
8.	811216104005	Bakkiya V	III/CSE
9.	811216104007	Banumathi D	III/CSE
0.	811216104008	Dhanush S	III/CSE
1.	811216104009	Dhivya B	III/CSE
- and modern	811216104010	Divya R	The state of the s
~~~ ~~~	·	Ganeshkumar A	III/CSE
	WAR 24 - AND THE PROPERTY IN THE PARTY IN TH	Gobala Krishnan R	III/CSE
	* ** **********************************	Gunasekar P	III/CSE
		Jothika R	III/CSE
	A STATE OF THE PARTY OF THE PAR	Karthikeyan J	III/CSE
		THE THE STATE OF T	III/CSE G. Balakrishnan,



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/ Branch
58.		Keerthana K	III/CSE
59.	811216104017	Keerthana P	III/CSE
60.	811216104018	Kirubakaran M	III/CSE
61.	811216104019	Kiruthika R	III/CSE
62.	811216104020	Meenakshi S	III/CSE
63.	811216104021	Naveen K	III/CSE
64.	811216104022	Naveenkumar S	III/CSE
65.	811216104023	Neroson Kiosus N	III/CSE
66.	811216104024	Pavithra G	III/CSE
67.	811216104026	Pavithra.R	III/CSE
68.	811216104027	Prabahar R	III/CSE
69.	811216104028	Racika R	III/CSE
70.	811216104029	Rahul S	III/CSE
71.	811216104030	Revathi N	III/CSE
72.	811216104031	Saranya A	III/CSE
73.	811216104032	Saranya M	III/CSE
74.	811216104033	Saravanan M	III/CSE
75.	811216104034	Sharun Prabu A	III/CSE
76.	811216104035	Soundharya J	III/CSE
77.	811216104036	Tamilselvam M	III/CSE
	811216104038	Tharik A	III/CSE
79.	811216104039	Varsha S	III/CSE
80.	811216104040	Vigneshwarachari S	III/CSE
81.	811216104041	Vijayalakshmi M	III/CSE
82.	811216104042	Vijayalakshmi P	III/CSE
83.	811216104043	Vinitha M	III/CSE
84.	811216104044	Vinitha Devi P	III/CSE
85.	811216104045	Yogeshwaran S	III/CSE
86. 8	311216104046	Yuvasri T	III/CSE
87. 8	311217104001	Aarthi J	II/CSE
88. 8	311217104002 I	Deepika N	II/CSE
89. 8		Dhanalakshmi R	II/CSE Dr. G. Balakrishnan, M.



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/ Branch
90.	10-12-17-10-100	4 Goadhar Fathima S	II/CSE
91.	811217104005	Gowtham Raaj K	II/CSE
92.	811217104007	Jeya Pratha A	II/CSE
93.	811217104008	Jickson S	II/CSE
94.	811217104009		II/CSE
95.	811217104010		II/CSE
96.	811217104011		II/CSE
97.	811217104012		II/CSE
98.	811217104013	Panneer Selvam R	II/CSE
99.	811217104014	Princy Deepa X	II/CSE
-	811217104015	Raghul L	II/CSE
-	811217104016	Salma Banu M	II/CSE
	811217104017	Seebika M	II/CSE
103.	811217104019	Siva Sankari S	II/CSE
- 1	811217104020	Swathi M	II/CSE
+	811217104022	Vasuki M	II/CSE
	811217104023	Yogesh Kannan P H	II/CSE
	811217405001	Padmadevi A	II/M.E CSE
	811217405002	Panimalar V	II/M.E CSE
	811217405003	Sankari R	II/M.E CSE
	811217405004	Shanmuga Priya M	II/M.E CSE
	811217405005	Suganya A	II/M.E CSE
	811218405001	Aswini. M	I/M.E CSE
113.	811218405002	Gwendolyn Rosetta.G	I/M.E CSE
114.	811218405003	Harish.V	I/M.E CSE
115.	811218405004	Nirmala.N	I/M.E CSE

VAC Coordinator

(D:

HoD/CSE



# Indra Ganesan

GOLLEGE OF ENGINEERING Madural Main Road (NH-45B), Manikandam, Tiruchirapatti- 620 012 Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

### Department of Computer Science & Engineering

Academic Year 2018-2019 - Even Semester

STUDENTS ATTENDANCE LIST

Value Added Course

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

C#

S.No.	Reg.No	Student's Name	Year/	10.0	6.19	11.0	6.19	12.0	6.19	7 13.	06.19	114	06.10	1 15.1	6.19	NO OF	CECIAL A STEERING
parameter is proportionally and the		Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	upon any and any	AN	SESSIONS	SIGNATURE OF THE	
1.	811215104001	Abhinaya. R	IV/CSE	D	b	D	b	b	p	p	n	D	b	Ь	<b>27</b>	ATTENDED	STUDENT
2.	811215104002	Abirami.A	IV/CSE	h	h	D	n	h			F	E	- J		P	18	R- Oliver
3.	811215104003	Apporvavalli.A	IV/CSE	12	1	1	P	D	P	P	P	P	P	P	P	18	A GO
4.	811215104004	Aravinth.B	IV/CSE	TP.	1	P	P	b	P	P	P	P	$-\mu$	$P_{-}$	$P_{-}$	18	Alis
5.	811215104005	Balaji.G	IV/CSE	16	12	12	P	P-	P	P	P	P	P.	P	P	18	BATT
6.	811215104006	Balaji.G	IV/CSE	I D	P	P	P	P	P	P	P_	P	P	P	P	12	GI.Balaji
7.	811215104007	Barani Kumar.M	IV/CSE	T P		P	P	P	P	P	$P_{-}$	P	P	P	P	13	GIBS
8,	811215104009	Denima.A	IV/CSE	P	P	P	P	P	P	P	Р	Р	P	P	p	12	H Bar
9.	811215104010	Dhurga Devi.M	IV/CSE	1P	P	I P	P	P	P	P	P	P	p	P	p	12	# fly
10.	811215104013	Giridharani,S	IV/CSE	P	P	P	P	P	P	P	P	p.	P	P	P	18	MAR
11.	811215104014	Gokila.R	IV/CSE	P	FF	P	P	P	P	P	P	Р	P	P	Р	19	S. Cus
12.	811215104015	The state of the s	the sale makes and the contract of the sale of the sal	P	I.P.	P	P	P	P	P	P	p	A	P	P	*1	R. (31)
13.		Gomathi.A	IV/CSE	þ	P	P	p	P	Þ	Þ	P	P	P	P	P	182	month
Whomestateous a	811215104016	Hema.P	IV/CSE	P	P	p	p	p	þ	p	þ	P	b	p	D		Hema
14.	811215104017	Hemasivasankari.S	IV/CSE	p	p	p	þ	þ	p	P	p	p	b	D	P	18	S. Henre





# Indra Ganesan

COLLEGE OF ENGINEERING
Madural Main Road (NH-45B), Manikandam, Tiruchirapalli-620 012
Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal

## Department of Computer Science & Engineering

#### Academic Year 2018-2019 - Even Semester

15.	811215104018	Indhu.S	IV/CSE	T 6	1	1			-		<b>C</b> E	· · · · · ·	ga	ingi Bandaroviryar saas saray			
16.	811215104019	Indira.K.J	IV/CSE	P	P	P	P	P	P	P	P	P	p	p	p	18)	S. T. L
17.	811215104020	Kanaga Raj.P	IV/CSE	P	P	P	P	P	P	p	P	P	P	P	P	18	KTT
18.	811215104021	Keerthana.R.R	IV/CSE	P	IP.	L	1	T.	LB.	P	P	P	P	P	P	18	Kanagass
19.	811215104022	Keerthana.S	IV/CSE	P	P	1	1	16		P	+	P	P	P	p	18	R.R. 15.
20.	811215104023	Mani Kandan.A	IV/CSE	11	P	P	K	P	A	P	P	P	L	P	P	1)	SOLL
21.	811215104024	Mani Kandan.P	IV/CSE	P	b	P	P	P	P	P	P	P	P	p	P	18	A rus
22.	811215104025	Meena.A	IV/CSE	P	b	Po	P	1	10	7		V	r	P	P	18	P. mande
23.	811215104026	Murali.S	IV/CSE	+ /	P		P.	P	10	P	P	P	P	P	P	12	A. Heen
24.	811215104027	Narkis Banu.A	IV/CSE	P	P	P	D	P	0	P	5	P	P	P	P	10	of Mu
25.	811215104028	Nirosha.K	IV/CSE	b	P	10	P	P	P		1	L	ρ	P	P	18)	A. Marks
26.	811215104029	Pradeep.T	IV/CSE	p	b	0	P	0	10	P	P	P	P	Þ	p	13	Warsh
27.	811215104030	Praveen Kumar.V	IV/CSE	D	10	0	0	0	0			P	ľ	10	P	18	1. Prude
28.	811215104031	Prem Kumar.N	IV/CSE	b	P	0	5	5	P	Ľ.	P	P	P	P	P	LØ .	V. Praire
29.	811215104032	Priya.M	IV/CSE	1	P	1	P	P	1	P	P	P	P	P	p	19	N. Pre-
30.	811215104033	Priyanga,P	IV/CSE	P	P	b	P	0	P	Ρ	P	P	ρ	P	P	19	M- Parya
31.	811215104034	Rajmohan.V	IV/CSE	P	P_	P	P		P	P	1	P	R	12	P	19	Pullet
32.	811215104035	Ramalakshmi.M	IV/CSE		P	1	-	P	6	2	P	11	B.	P	P	12	V. Pagh
33.	811215104036	Ramya.K	IV/CSE	P	P	P	p	P	p	p	P	P	P	p.	p.	18	MRan
34.	811215104037	Roselin Lithyeena.J	IV/CSE	P	P	P	P	P	P	P	p	P	p lakpisi	Pan	A MR Ph	18	Rayer



# Indra Ganesar

# COLLEGE OF ENGINEERING Madural Main Road (NH-45B), Manikandam, Tiruchirapalli-620 012 Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal Principal M.E., Ph.D.,

Department of Computer Science & Engineering

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

Academic Year 2018-2019 - Even Semester

36. 8	811215104038	Sangeetha.I	** ? / PV PO SN	7	manga and a											/ ~~~ U U J /
		D	IV/CSE	P	10	0	D	P	10	10	10	10	1		Manager of the Communication of the Control of the	, Irichy-620 012.
	811215104039	Saranya.M	IV/CSE	0	0	P	0	10	10	1	IL.	1	P	PP	.187	( ) Y
37. 8	811215104040	Shabika Banu.B	IV/CSE	0	0	10	D	10	V	1	P	P	P	PP	18	XX 1
38. 8	811215104041	Subashree.M	IV/CSE	0	0	1	P	P	11	16	P	P	P	PP	150	B. Shall
39. 8	811215104042	Subathradevi.C	IV/CSE	10	0	P	10		1P	1	15	P	r	PP	18	M. Salvas
40. 8	811215104043	Suganya.S	IV/CSE	10	P	10	1	P	11	11	Ir_	1	P	PP	18	Carled
41. 8	811215104044	Suhashini.R	IV/CSE	0	3	P	P	P	P	1	P	P	P	PP	182	TY
42. 8	811215104047	Yogapriya.B	IV/CSE	0	P	P	P	P	10	P	P	P	P	PP	18	toot.
43. 8	311215104301	Annalakshmi.G	IV/CSE	P	P	P	P	P	P	P	P	P	P	PP	12	- Organiani
4.4	311215104302	Rangeela.T	IV/CSE	P	P	P	P	P	P	P	P	P	P	PP	12	地震
45. 8	311216104002	Anjaladevi J	III/CSE	P	P	1	¥	1		P	P	1	Ţ	Y	*1	T. Rang
46. 8	311216104003	Aparna S	III/CSE	P	P	P	LP	P	II_	P	P	1	P	PP	13	J.A.
47. 8	311216104004	Archana T	III/CSE	1	P	P	P	P	P	P	P	P	P	PP	12	3
	311216104005	Bakkiya V	III/CSE	P	P	P	P	P	P	P	P	P	P	PP	12	Aparna
49. 8	311216104007	Banumathi D	III/CSE	8	1	4	P	P	P	P	P	P	P	PP	18	Prestutinger
The real of the second	The same of the sa	Dhanush S	III/CSE	P	P	IP.	I.	ρ	L.	P	P	P	P	PP	12	
the to represent the beautiful contractions	United the second secon	Dhivya B	State of the State	-	P	1	P	P	19	P	P	P	P	PP	19	The country of
The same of the sa		Divya R	III/CSE	P	P_	P	P	F	P	1	P	P	P	PP	13	B. Dhe
have her additioned a spiritualist so	311216104011	Ganeshkumar A	III/CSE	P	P	P	P	P	P	P	P	P	P	PP		
temperature over-where the second		New House tradesprenage manipulation of the same	III/CSE	P	P	LP_	P	P	P	P	P	P	P	DP	13	or rost
	121010101012	Gobala Krishnan R	III/CSE	IP_	14	P	P	P	P	1	P	B	P	PP	18	A Coleman



COLLEGE OF ENGINEERING Dr. G. Balakrishnan, M.E., Ph.D., Madurai Main Road (NH-45B), Manikandam, Tiruchirapalii- 620 012

Approved by AlCTE, NewDelhi & Affiliated to Anna University, Chennal and Ganesan College of Engineering IG Valley, Madurai Main Road Department of Computer Science & Engineering

TG Valley, Madurai Main Road Manikandam, Trichy-620 012.

## Academic Year 2018-2019 - Even Semester

55.	811216104013	Gunasekar P	III/CSE	Tin		16		and the state of the state of	1 6				*****					, 920 012.
56.	811216104014		III/CSE	-15	P	P	P	12	1	P	P	P	P	P	P	12	The fact that the same of the	(
57.	811216104015	Karthikeyan J	III/CSE	12	11	P	P	P	P	P	P	P	P	P	P	189		Josthule.
58.	811216104016		III/CSE	+	P	PA	P	P	P	P	P	173	P	P	P	18		Kanthilayon J
59.	811216104017	Keerthana P	III/CSE	8	D	P	P		1	P	P	P	P	P	P	18		1 to
60.	811216104018	Kirubakaran M	III/CSE	0	0	0	P	12	P	1	P	P	P	P	P	18	*********	Dut
61.	811216104019	Kiruthika R	III/CSE	0	6	P	P	P	0	Po	P	IP.	P	P	P	18	V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	mikal
62.	811216104020	Meenakshi S	III/CSE	10	0	0	0	12	Y	T	P	P	P	P	P	18	1980373/motes	Q LA
63.	811216104021	Naveen K	III/CSE	10	P	0	6	Ĕ.	4	<u>A</u> _	R	P	P	P	P	10		S Man
64.	811216104022	Naveenkumar S	III/CSE	0	0	P	5	-1	P	B.	1	P	P	1	P	10	Sinter report A few rep	No.5
65.	811216104023	Neroson Kiosus N	III/CSE	0	5	7	P	P	9	1	P	P	P	P	P	18		S. Nares
66.	811216104024	Pavithra G	III/CSE	0	P	7	P	12	P	P	P	P	P	IP	P	19		N Ale
67.	811216104026	Pavithra.R	III/CSE	0	P	6	TO	7	8	/	P	7	P	16	P	18	A	G1 DA
68.	811216104027	Prabahar R	III/CSE	P	b	0	P	1	1	P	I	1	P	P	P	12		R. Paralla
69.	811216104028	Racika R	III/CSE	p	p	0	0	1'-	P	P	P	P	P	P	P	13	~	- Andrew (Address
70.	811216104029	Rahul S	III/CSE	p	0	0	0	P		P	P	P	P	P	P	18	46 4	R. Photo
71.	811216104030	Revathi N	III/CSE	6	P	P	0	-{-	P	P	P	P	P	P	P	12	TAKAMPAKANPANYA MARILA	White.
72.	811216104031	Saranya A	III/CSE	0	0	P	10	0	0	2	P	1	P	P	f	18	}	N. Revath
73.	811216104032	Saranya M	III/CSE	P	P	P	D	P	Ľ.	P	P	ρ	P	P	P	18		A Sacc
74.	811216104033	Saravanan M	III/CSE	P	0	P	P	6-	-	P	P	ρ	P	P	P	13	the filter or accept	M-Some
75.	811216104034	Sharun Prabu A	III/CSE	p	p	P		1	<u>r</u> +	r	P	P	P_	P	P	13	2	Misanne
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# Indra Ganesan

COLLEGE OF ENGINEERING Dr. G. Balakrishnav, M.E., Ph.D., Madural Main Road (NH-45B), Manikandam, Tiruchirapalli-620 012
Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai Indra Ganessa College of Engineering

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

## Department of Computer Science & Engineering

Academic Year 2018-2019 - Even Semester

76.	811216104035	Soundharya J	III/CSE	TD	P	Th	0	Λ	147	7				- 'Pr			
77.	811216104036	Tamilselvam M	III/CSE	P	P	1	0	1	11	11	1		P	P	P	19	J. 8-12
78.	811216104038	Tharik A	III/CSE	P	P	₽	I	10	1	11	4		12	1	P	10	My Tamil
79.	811216104039	Varsha S	III/CSE	P	P	P	1		9	P	-1	P	P	P	P	18	Thank
80.	811216104040	Vigneshwarachari S	III/CSE	0	0	10	10	P	1	1	T	11	P	P	LP I	10	S.Val
81.	811216104041	Vijayalakshmi M	III/CSE	P	10	P	P	H	P	1	1	1	P	P	P	18	0 .
82.	811216104042	Vijayalakshmi P	III/CSE	P	10	0	D	P	11	P	IP	10	P	P	P	18	M. Vijan
83.	811216104043	Vinitha M	III/CSE	10	P	P	1	1	E	P	P	P	P	P	P	(12)	Princephales
84.	811216104044	Vinitha Devi P	III/CSE	D	P	P	T	P	P	IP	P	P	P	A	P	18	MR
85.	811216104045	Yogeshwaran S	III/CSE	0	P	7	8	1	P	P	P	1P	P	P	P	18	Waterless
86.	811216104046	Yuvasri T	III/CSE	0	P	0	0	P	1	P	P	P	+	R	P	12	yozeshine
87.	811217104001	Aarthi J	II/CSE	0	10	6	5	1	P	P	P	P	P	IP	P	12	prop planette
88.	811217104002	Deepika N	II/CSE	0	D	D	P	0	18	1	1	1 F	P	P	P	19	TAMA
89.	811217104003	Dhanalakshmi R	II/CSE	0	0	6	P	b		P	P	10	P	P	P	12	NOV
90.	811217104004	Goadhar Fathima S	II/CSE	10	0	0	0	0	P	P	1	P	P	P	7	18	Rolling
91.	811217104005	Gowtham Raaj K	II/CSE	P	0	0	P	D	P	P	O	16	P	P	P	18	137GP
92.	811217104007	Jeya Pratha A	II/CSE	P	P	P	10	6	0	P	15	P	P	1	P	18	12 600
93.	811217104008	Jickson S	II/CSE	P	0	D	0	7	V	1	12	P	1	P	P	18	
94.	811217104009	Kamatchi V	II/CSE	0	1	D	P	1	P	P	P	11	P	P	P	18	S. Felde
95.	811217104010	Kokila V	II/CSE	D	0	0	P	0	P	47	P	10	P	V	P	10	V.Ka.
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## Department of Computer Science & Engineering

## Academic Year 2018-2019 - Even Semester

97.	811217104012	Naveen R	II/CSE	D	10	0	P	0	10		T	1 -	7	T	- comments of the contract of	No.	
98.	811217104013		II/CSE	10	10	1	0	0	D		13	P	1	P	P	18	Dave
99.	811217104014	The state of the s	II/CSE	P	10	10	P	0	1	T	10	1	10		P	10	Parmegal
100.	811217104015		II/CSE	P	P	P	10	10	P	P	D	10		IF	P	10	Vao
101.	811217104016	Salma Banu M	II/CSE	P	0	P	0	P	10		1	1	P	1	P	18	Rahul
102.	811217104017	Seebika M	II/CSE	0	D	TO	10	10	1	10	1	19	P	P	P	18	Med
103.	811217104019	Siva Sankari S	II/CSE	0	P	P	O	P	L	I	P	IP.	P	P	P	12	Seebul
104.	811217104020	Swathi M	II/CSE	10	P	P	P	P	P	10	P	A	P	P	P	No.	0800
105.	811217104022	Vasuki M	II/CSE	10	0	1	T	A	15	1-16	15	P	P	P	P	18	M Swad
106.	811217104023	Yogesh Kannan P H	II/CSE	P	10	10	P	P	1	1	1	IL	P	11	ρ	19	Vasil
107.	911917406001	The second secon	II/M.E	11	1º	P	P	T	1	1	P	1	P	16	P	18	PH (95
	811217405001	Padmadevi A	CSE	P	P	P	P	P	P	P	P	P	P	P	p	12	
108.	811217405002	Panimalar V	II/ M.ECSE	P	P	P	P	P	P	P	P	P	P	P	P	And the same the second of the	A-Kerd
109.	811217405003		II/ M.E	<u> </u>		-		· · · · · · · · · · · · · · · · · · ·	<u> </u>	1	1			4	F	10	VP
any moreover in	611217403003	Sankari R	CSE	P	P	P	P	P	P	P	P	D	P	P	^	10	
110.	811217405004	Shanmuga Priya M	II/ M.E					0	-	<u> </u>			10°4 (MAC)		P	180	RSam
		Sciediniuga Friya M	CSE	P	P	P	P	P	P	P	P	P	P	P	P	18/8	2
111.	811217405005	Suganya A	II/ M.E CSE	P	P	P	P	P	P	P	P	P	P	P	P	18	MS

Principal Indra Ganesan College of Engineering

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# Department of Computer Science & Engineering

## Academic Year 2018-2019 - Even Semester

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113.	811218405002	Gwendolyn	I M.E		-		+		P	P	110	þ	P	P	P	10	
114.	311213403002	Rosetta.G	CSE	P	P	P	ρ	Р	P	ρ	D	0	O				Heur
***·	811218405003	Harish,V	I M.E	o o	^		-	1	*	-	-	P	P	P	P	18	GIGVA
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		animan sharp	distribution of the state of th	Photocolis - statement compared and	L.,				1	٢	P	P	P	P	P	18.	W. Min

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

HoD/CSE



#### Academic Year 2018-2019 - Even Semester

Name of the Student: Swath. M

Year/Sem: 1

AU Register Number: 81121710 4020

***

Value Added Course on "C#"

#### MCO QUESTIONS (25X4 = 100 Marks)

- 1. Which of the following is a contextual keyword in C#?
  - A get
  - B set
  - C add
  - D- All of the above.
- 2. Which of the following is correct about dynamic Type in C#?
  - A You can store any type of value in the dynamic data type variable.
  - B Type checking for these types of variables takes place at run-time.
  - &- Both of the above.
  - D None of the above.
- 3. Which of the following converts a type to a signed byte type in C#?
  - A ToInt64
  - B- ToSbyie
  - C Tesingle
  - D ToInt32
- 4. Which of the following method copies the actual value of an argument into the formal parameter of the function?
  - A Value parameters
  - B Reference parameters
  - € Output parameters
  - D None of the above.

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

#### Academic Year 2018-2019 - Even Semester

#### 17. Who is the founder of C# programming language?

- A. Anders Hejlsberg
- B. Douglas Prockford
- C. Rasmus Lerdorf
- D. Brendan Eich

#### 18. Is C# a type safe programming language?

A. Yes

#### 19. Is C# a structured programming language?

A. Yes B. No

#### 20. CLR stands for ____.

- A. Common Type System
- B. Common Language Specification
- A. Common Language Runtime
  - D. Java Virtual Machine

#### 21 .Net CLR is equivalent to?

- A. Common Type System
- B. Common Language Specification
- C. Common Language Runtime
- D. Java Virtual Machine

#### 22. What is CLR in C#?

K. It is a virtual machine component of Microsoft .NET Framework

- B. It is a virtual machine component of JVM
- C. It is a compiler to compiler the C# code
- D. All of the above



#### Academic Year 2018-2019 - Even Semester

#### 23. What does the CLR in C# do?

- A. Manages the execution of Webpages programs
- B. Manages the parsing of the various types
- C. Manages the execution of .NET programs
- D. All of the above

#### 24. SOAP in C# stands for ____.

- A. Simple Object Access Protocol
- B. Simple Object Access Program
- C. Standard Object Access Protocol
- D. Standard Object Access Program

#### 25. Every C# statement is terminated by ____.

- A. Colon (:)
- B. Semicoion (;)
- C. ( omma (,)
- 1. Dot (.)



## Academic Year 2018-2019 - Even Semester

Name of the Student : P. HEMA

Year/Sem: 10 Vii

AU Register Number: 811215104016

Value Added Course on "C#"

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1. Which of the following is a contextual keyword in C#?

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D - None of the above.

3. Which of the following converts a type to a signed byte type in C#?

A - ToInt64

B-ToSbyte

C - ToSingle

D-ToInt32

4. Which of the following method copies the actual value of an argument into the formal parameter of the function?

A - Value parameters

B - Reference parameters

€-Output parameters

D - None of the above.

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



#### Academic Year 2018-2019 - Even Semester

- 5. Which of the following operator casts without raising an exception if the cast fails in C#?
  - A ?:
  - B-is
  - C-as/
  - 13-4
- 6. Which of the following is correct about null coalescing operator in C#?
  - A The null coalescing operator is used with the nullable value types and reference types.
  - B It is used for converting an operand to the type of another nullable (or not) value type operand, where an implicit conversion is possible.
  - C If the value of the first operand is null, then the operator returns the value of the second operand, otherwise it returns the value of the first operand.
  - D All of the above.
- 7. Which of the following is the correct about class member variables?
  - A Member variables are the attributes of an object (from design perspective) and they are kept private to implement encapsulation.
  - B These private variables can only be accessed using the public member functions.
  - 9- Both of the above.
  - D None of the above.
- 8. Operator overloading is a kind of dynamic polymorphism.
  - X- true
  - B false
- 9. Which of the following preprocessor directive allows you to undefine a symbol in C#?
  - A define
  - B undef
  - . C region
  - D endregion

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



#### Academic Year 2018-2019 - Even Semester

10. The System Exception	class	is the	base	class	for	all	predefined	system
exception in C#?								

A - true

B - fable

#### 11. C# is a programming language, developed by ____.

- A. Oracle
- B. Microsoft
- C. GNU project
- D. Google

#### 12. C# runs on the ____.

- A. NET Framework
  - B. Java Virtual Machine
  - C. Both A, and B.
  - D. None of the above

#### 13. C# programming language is used to develop -

- A. Web apps
- B. Desktop apps
- C. Mobiles apps
- All of the above

#### 14. Is C# an object-oriented programming language?

A. Yes

#### 15. Is C++ an alias of C#?

A. Yes B. No

#### 16. What is the extension of a C# language file?

A. .c

B. .cpp

C. .es

. .csp

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#### Academic Year 2018-2019 - Even Semester

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



#### Academic Year 2018-2019 - Even Semester

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- Dr. Semicolon (2)
- C. Comma (,)
- D. Dot (.)

(D:



### Academic Year 2018-2019 - Even Semester

#### **Value Added Course**

"C#"

#### **ANSWER KEY**

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

VAC Coordinator

Academic Year 2018-2019 - Even Semester



## VALUE ADDED COURSE ASSESMENT

C#

S.No.	Reg.No	Student's Name	Year/	Attendar	ice Details	VAC-M	CQ TEST	OVERALL
		Stadent S I vame	Branch	No. of Hours	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A +
1.	811215104001	Abhinaya. R	IV/CSE	Attended	(A)	Answers	(B)	50% of B)
2.	811215104002		IV/CSE	36	100	20	80	90
3.	811215104003		7	36	100	15	60	80
4.	811215104004	Aravinth.B	IV/CSE	36	100	19	76	THE RESERVE OF THE PERSON OF T
5.	811215104005	Balaji.G	IV/CSE	36	100	22	88	88
6.	811215104006	- constant of constant page of the constant	IV/CSE	36	100	18	72	94
7.	Bany dyrinortheadensame or traces to seem	J [>,1.,70]	IV/CSE	36	100	17	The second second	86
-3	811215104007	Barani Kumar.M	IV/CSE	36	100	The state of the s	68	84
8.	811215104009	Denima.A	IV/CSE	36	**************************************	18	72	86
9.	811215104010	Dhurga Devi.M	IV/CSE	36	100	17	68	84
10.	811215104013	Giridharani.S	IV/CSE	36	100	16	64	82
11.	811215104014	Gokila.R	IV/CSE	the suppression - the same	100	16	64	82
12.	811215104015	Gomathi.A	IV/CSE	33	92	20	80	86
- 1	811215104016	Hema.P		36	100	20	80	90
9814a 98 %		A LOCATION IN PROPERTY OF THE PROPERTY OF T	IV/CSE	36	100	20	88	90



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/	, # makes 300	nce Details	VAC-M	CQ TEST	OVERALL
			Branch	No. of Hours	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A +
1016	811215104017	i conservatively	IV/CSE	Attended	(A)	Answers	(B)	50% of B)
15.	811215104018	Indhu.S	IV/CSE	36	100	_ 17	68	84
16.	811215104019	Indira.K.J	may deposit Main to	36	100	19	76	88
the property was be-	811215104020		IV/CSE	36	100	19	76	
- 4 TARREST THE MA	811215104021	Bu Tettil'I	IV/CSE	36	100	20	80	88
	811215104022	Keerthana.R.R	IV/CSE	36	100	16	Pri sa.	90
	to the second	Keerthana.S	IV/CSE	33	92		64	82
- manual		Mani Kandan.A	IV/CSE	36		16	64	78
- 4		Mani Kandan.P	IV/CSE	36	100	22	88	94
22.	811215104025	Meena.A	IV/CSE	Processor.	100	18	72	86
23.	811215104026	Murali.S		36	100	22	88	94
	811215104027	Narkis Banu.A	IV/CSE	36	100	22	88	Approximation of the same of t
	811215104028	Nirosha.K	IV/CSE	36	100	20	80	94
	0.3.4.0.4.0.4	The state of the s	IV/CSE	36	100	20	the of second this is a name to be a fact that	90
	011213104029	Pradeep.T	IV/CSE	36	100	15	80	90

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



## Academic Year 2018-2019 - Even Semester

North St. Marris St. St.	Student's Name	Branch	Ma at	Transaction and the second		CQ TEST	OVERALL
30 0110101	The second secon	IV/CSE	No. of Hours Attended	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A +
	Praveen Kumar.V	IV/CSE	36	(A)	Answers	(B)	50% of B)
nost non-	Prem Kumar.N	IV/CSE	A DESCRIPTION OF THE PROPERTY	100	19	76	88
311215104032	Priya.M	to been protestivened	36	100	22	88	and white the state of the stat
76 X	Second in some or the fact to be seen as the second		36	100	18		94
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· resulting and an	Ramalakshmi.M	IV/CSE	36	Married to 10th manufacture with the same and	FOR THE PERSON AND ADDRESS OF THE PERSON AND	72	86
THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	Ramya.K	IV/CSE	THE STATE OF THE S	or subside decrease one to be again	17	68	84
11215104037	Roselin Lithyeena I	The same of the same of the same of		100	16	64	82
4 -5 M - 1 - 1 - 1	ADDROGUE TO PA TO	Name of Parties of Par	- 2000-	100	16	64	The advantage of a substitute and the substitute of the substitute
A A A A A TO THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF	Manager and American Street, and and a second secon	CONTRACTOR OF THE PERSON OF TH	36	100	20	provident plants	82
Manual Ma	*	· · · · · · · · · · · · · · · · · · ·	36	100	***************************************	**************************************	90
110111	and the partition of the second	IV/CSE	36	100	Middleson to become agent to	result measurespeciel made to	90
11213104041	Subashree.M	IV/CSE	36	198 miles international in	ordinament specification	88	94
	1215104033 1215104034 1215104035 1215104036 1215104037 1215104038 1215104039 1215104040	1215104033   Priyanga.P   1215104034   Rajmohan.V   1215104035   Ramalakshmi.M   1215104036   Ramya.K   1215104037   Roselin Lithveena.J   1215104038   Sangeetha.I   1215104039   Saranya.M   1215104040   Shabika Banu B	1215104033   Priyanga.P   IV/CSE   1215104034   Rajmohan.V   IV/CSE   1215104035   Ramalakshmi.M   IV/CSE   1215104036   Ramya.K   IV/CSE   1215104037   Roselin Lithveena.J   IV/CSE   1215104038   Sangeetha.I   IV/CSE   1215104039   Saranya.M   IV/CSE   1215104040   Shabika Banu.B   IV/CSE   1215104041   Substitute   Substitute   Substitute   Substitute   IV/CSE   1215104041   Substitute   Substitute   Substitute   IV/CSE   1215104041   Substitute   Substitute   IV/CSE   1215104041   Substitute   IV/CSE   IV/	11215104033       Priyanga.P       IV/CSE       36         1215104034       Rajmohan.V       IV/CSE       36         1215104035       Ramalakshmi.M       IV/CSE       36         1215104036       Ramya.K       IV/CSE       36         1215104037       Roselin Lithveena.J       IV/CSE       36         1215104038       Sangeetha.I       IV/CSE       36         1215104039       Saranya.M       IV/CSE       36         1215104040       Shabika Banu.B       IV/CSE       36         1215104041       Sylvatet       36	1215104032	1215104032   Priya.M   IV/CSE   36   100   18   1215104033   Priyanga.P   IV/CSE   36   100   17   1215104034   Rajmohan.V   IV/CSE   36   100   18   1215104035   Ramalakshmi.M   IV/CSE   36   100   17   1215104036   Ramya.K   IV/CSE   36   100   17   1215104037   Roselin Lithveena.J   IV/CSE   36   100   16   1215104038   Sangeetha.I   IV/CSE   36   100   16   1215104039   Saranya.M   IV/CSE   36   100   20   1215104040   Shabika Banu.B   IV/CSE   36   100   20   1215104041   Subashree.M   IV/CSE   36   100   22   1215104041   Subashree.M   IV/CSE   36   100   20   1215104041   Subashree.M   IV/CSE   36   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   10	IV/CSE   36   100   18   72   1215104033   Priyanga.P   IV/CSE   36   100   17   68   1215104034   Rajmohan.V   IV/CSE   36   100   18   72   1215104035   Ramalakshmi.M   IV/CSE   36   100   18   72   1215104036   Ramya.K   IV/CSE   36   100   17   68   1215104037   Roselin Lithveena.J   IV/CSE   36   100   16   64   1215104038   Sangeetha.I   IV/CSE   36   100   16   64   1215104039   Saranya.M   IV/CSE   36   100   20   80   1215104040   Shabika Banu.B   IV/CSE   36   100   20   80   1215104041   Subashree.M   IV/CSE   36   100   22   88   1215104041   Subashree.M   IV/CSE   36   100   22   36   36   36   36   36   36   36

(D.:



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/	personal spinesteries are selected spinest spinest	nce Details	VAC-M	CQ TEST	OVERALL
76000000 000			Branch	No. of Hours	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A +
39.	811215104042	Subathradevi.C	IV/CSE	Attended	(A)	Answers	(B)	50% of B)
40.	811215104043	Suganya.S	The same of the sa	36	100	19	76	PMI Adding one object that ye
41.	811215104044	Suhashini.R	IV/CSE	36	100	19	76	
42.		- The state of the	IV/CSE	36	100	20		88
arrows an address &	Management and an	Subiliy de. Its	IV/CSE	36	100	Transport of the Spirit of the Spirit of Spiri	80	90
		Annalakshmi.G	IV/CSE	36	100	16	64	82
THE REAL PROPERTY AND ADDRESS OF THE PARTY O	011210104302	Rangeela.T	IV/CSE	33		16	64	82
	11210104002	Anjaladevi J	III/CSE	the harm selection and propage	92	22	88	90
1	811216104003	Aparna S	III/CSE	36	100	18	72	A transferrence seems - trans
47.	811216104004	Archana T	The Mary & and	36	100	22	88	86
	811216104005	Bakkiya V	III/CSE	36	100	22	88	94
~ ~	0110111	Banumathi D	III/CSE	36	100	20	The state of the s	94
	811216104008	* Plus and appropriate a property of the same and the sam	III/CSE	36	100	*	80	90
	0110161	Dhanush S	III/CSE	36	100	20	80	90
J.1.	811216104009	Dhivya B	III/CSE	36	t men de per de locationes des de la particular	15	60	80
		The state of the s	the same of the sa		100	19	76	88

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

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



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/	Attendar	nce Details	VAC-M	CQ TEST	OVERALL
			Branch	No. of Hours Attended	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A +
52.	811216104010	Divya R	III/CSE	36	(A)	Answers	(B)	50% of B)
53.	811216104011	Ganeshkumar A	III/CSE	TA MANAGAR AND SOUTH SOUTH STREET	100	22	88	94
54.	811216104012		1	36	100	18	72	86
	811216104013	Gunasekar P	III/CSE	36	100	17	68	84
56.	Toponaryananananananan manananananananananananan	and the best among	III/CSE	36	100	18	72	A #801-938
57.	Company of many of many on the con-	Jothika R	III/CSE	36	100	17	manus	86
*********		Karthikeyan J	III/CSE	36	100	make anything the second or property of the second of the	68	84
58.		Keerthana K	III/CSE	36	Transportation of the state of	16	64	82
59.	811216104017	Keerthana P	III/CSE	and the contract of the contra	100	16	64	82
60.	811216104018	Kirubakaran M	III/CSE	36	100	20	80	90
61.	811216104019	Kiruthika R	Series waters of December spring	36	100	20	80	90
62.	811216104020	Meenakshi S	III/CSE	36	100	22	88	94
	811216104021		III/CSE	30	83	17	68	
Anna de mandres and sent reference and	and the second continues of th	Naveen K	III/CSE	36	100	wellow to these		76
04.	811216104022	Naveenkumar S	III/CSE	36	of philosophysis supplies and philosophysis in	19	76	88
				36	100	19	76	88

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



#### Academic Year 2018-2019 - Even Semester

S No	D. N.		Year/	Attendar	ice Details	VAC-M	CQ TEST	OVERALL
S.No.	Reg.No	Student's Name	Branch	No. of Hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100)	MARK(100) (50% of A + 50% of B)
65.	811216104023	Neroson Kiosus N	III/CSE	36	100	20	( <b>B</b> )	00
66.	811216104024	Pavithra G	III/CSE	36	100	16	64	90
67.	811216104026	Pavithra.R	III/CSE	36	100	16	TO THE PARTY OF TH	82
68.	811216104027	Prabahar R	III/CSE	36	100	22	64	82
69.	811216104028	Racika R	III/CSE	36	100	Sales significant special spec	88	94
70.	811216104029	Rahul S	III/CSE	36	100	18	72	86
71.	811216104030	Revathi N	III/CSE	36	100	22	88	94
72.	811216104031	Saranya A	III/CSE	and the second s		22	88	94
73.	***************************************	Saranya M		36	100	20	80	90
	811216104033	Saravanan M	III/CSE	36	100	20	80	90
. 11	811216104034	20 AMAI NO NAME OF THE PARTY OF	III/CSE	36	100	15	60	80
THE PART	make an account layer took day to the last	Sharun Prabu A	III/CSE	36	100	19	76	88
a Harrison and Markey	811216104035	Soundharya J	III/CSE	36	100	22	88	94
77.	811216104036	Tamilselvam M	III/CSE	36	100	18	72	86

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## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/ Branch	Attendar	ice Details	VAC-M	OVERALL	
				No. of Hours Attended	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A + 50% of B)
78.	811216104038	Tharik A	III/CSE	36	(A) 100	Answers	(B)	20 70 OI IS)
79.	811216104039	Varsha S	III/CSE	****	The state of the s	17	68	84
80.	811216104040	Vigneshwarachari S	1.150.1.150	36	100	18	72	86
81.	Purchaselphone (	Vijayalakshmi M	III/CSE	36	100	17	68	84
82.	developer, passenger of participation is the con-	THE PARTY OF THE P	III/CSE	36	100	16	64	N Procedure of the Process of the Party of t
		Vijayalakshmi P	III/CSE	36	100	16		82
83.		Vinitha M	III/CSE	36	100	The state of the s	64	82
84.		Vinitha Devi P	III/CSE	36	100	20	80	90
85.	811216104045	Yogeshwaran S	III/CSE			20	80	90
86.	811216104046	Yuvasri T		36	100	22	88	94
87.	811217104001	Aarthi J	III/CSE	36	100	17	68	84
88.	811217104002	FOR 1 804	II/CSE	36	100	19	76	88
***	And Baltim has 1	Deepika N	II/CSE	36	100	19	76	-27-Many-decomposit in 1000-944
	811217104003	Dhanalakshmi R	II/CSE	36	100	manuscripture and a second sec		88
90.	811217104004	Goadhar Fathima S	II/CSE	36	100	20	80	90
		NAMES AND PROPERTY OF THE PARTY			100	16	64	82

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



## Academic Year 2018-2019 - Even Semester

S.No.	Reg.No	Student's Name	Year/ Branch	Attendar	ice Details	VAC-M	OVERALL	
				No. of Hours Attended	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A + 50% of B)
91.	811217104005	Gowtham Raaj K	II/CSE	36	(A) 100	Answers	(B)	20 70 01 13)
92.	811217104007	Jeya Pratha A	II/CSE	pt at 400 50 100 100 100 100 100 100 100 100 10		16	64	82
93.	811217104008	Jickson S	II/CSE	36	100	22	88	94
94.	The state of the s	Kamatchi V		36	100	18	72	86
95.	811217104010	Kokila V	II/CSE	36	100	22	88	94
96.	The state of the s	Secretaria del material de la constitución de la co	II/CSE	36	100	22	88	
		Lakshmi Priya M	II/CSE	30	83	20	-	94
**********		Naveen R	II/CSE	36	100	- January market market	80	82
98.	811217104013	Panneer Selvam R	II/CSE	36		20	80	90
99.	811217104014	Princy Deepa X	II/CSE		100	20	80	90
100	811217104015	Raghul L	****	36	100	20	80	90
Printer and the second	811217104016	Salma Banu M	II/CSE	36	100	15	60	80
N/MANA	811217104017	Seebika M	II/CSE	36	100	19	76	88
Armi	811217104019	the second or congress and	II/CSE	36	100	22	88	ment analytication and analytication analytication and analytication analytication analytication and analytication analytica
103	01121/104019	Siva Sankari S	II/CSE	33	92	18	72	94 82

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## Academic Year 2018-2019 - Even Semester

Reg.No		Year/ Branch	adulance supplied the same	ice Details	VAC-M	OVERALL	
			Hours	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% of A + 50% of B)
7 1 4 1 10			The same of the same	The stronger control to the stronger than		(B)	20 /0 01 13)
811217104022	Vasuki M		-	4 74 14 14 14	17	68	84
811217104023	Maria . I maddifference allegations	4	110/64)		18	72	86
ACCRECATE ADMINISTRATION AND ADM	B a real responsibility and	one are a	36	100	17	68	84
		<del></del>	36	100	16	-	Andrews of the Party of the Par
	- 000 (	II/M.E	36	100		***************************************	82
	Sankari R	II/M.E	36	The second secon	The state of the s	· managed representation of the second secon	82
nd feet after the contract of	Shanmuga Priya M	II/M.E	production, and a section		A NO AND WAS THE PERSON OF THE PERSON	80	90
811217405005	CARACTERS CARES AND THE TAX PRINCIPLE PRINCIPLE VALUE	- least Min. Management of the least	The state of the s		20	80	90
811218405001	and stages		Pro to a constitution of the constitution of		22	88	94
Market Control of the		and continues to a	36	100	17	68	15 May 14 14 14 14 14 14
	Seaply a t had made the sea		36	100	19	The residence of the second property as the second of the	84
		I/M.E	36	100		the second process of the second seco	88
811218405004	Nirmala.N	I/M.E	36	· · · · · · · · · · · · · · · · · · ·	Array Verybanderial and	76	88
		811217104020 Swathi M 811217104022 Vasuki M 811217104023 Yogesh Kannan P H 811217405001 Padmadevi A 811217405002 Panimalar V 811217405003 Sankari R 811217405004 Shanmuga Priya M 811217405005 Suganya A 811218405001 Aswini. M 811218405002 Gwendolyn Rosetta.G 811218405003 Harish, V	811217104020 Swathi M II/CSE 811217104022 Vasuki M II/CSE 811217104023 Yogesh Kannan P H II/CSE 811217405001 Padmadevi A II/M.E 811217405002 Panimalar V II/M.E 811217405003 Sankari R II/M.E 811217405004 Shanmuga Priya M II/M.E 811217405005 Suganya A II/M.E 811218405001 Aswini. M I/M.E 811218405002 Gwendolyn Rosetta.G I/M.E 811218405004 Nimela Priya M II/M.E	Reg.No         Student's Name         Year/ Branch         No. of Hours Attended           811217104020         Swathi M         II/CSE         36           811217104022         Vasuki M         II/CSE         36           811217104023         Yogesh Kannan P H         II/CSE         36           811217405001         Padmadevi A         II/M.E         36           811217405002         Panimalar V         II/M.E         36           811217405003         Sankari R         II/M.E         36           811217405004         Shanmuga Priya M         II/M.E         36           811218405005         Suganya A         II/M.E         36           811218405001         Aswini. M         I/M.E         36           811218405003         Harish. V         I/M.E         36           811218405004         Nicolary Rosetta. G         I/M.E         36	Reg.No         Student's Name         Year/Branch         No. of Hours Attended         Attendance Mark(100)           811217104020         Swathi M         II/CSE         36         100           811217104022         Vasuki M         II/CSE         36         100           811217104023         Yogesh Kannan P H         II/CSE         36         100           811217405001         Padmadevi A         II/M.E         36         100           811217405002         Panimalar V         II/M.E         36         100           811217405003         Sankari R         II/M.E         36         100           811217405004         Shanmuga Priya M         II/M.E         36         100           811218405001         Aswini. M         I/M.E         36         100           811218405002         Gwendolyn Rosetta.G         I/M.E         36         100           811218405004         Nirmala N         I/M.E         36         100           811218405004         Nirmala N         I/M.E         36         100	Reg.No   Student's Name   Year/ Branch   No. of Hours Attended   No of Mark(100)   Correct Answers	Student's Name   Student's Name   Pear   Branch   No. of Hours   Attendance Mark(100)   Mark(100)   Mark(100)   Mark(100)   (A)   Answers   (B)

VAC Coordinator

(D.:-

HoD/CSE



Academic Year 2018-2019 - Even Semester

Title:	<b>C</b> #		Report of	II valu	e Add	ea C	ourse	~	17500	
Resource Person: Pr		Pro Flin	Mrs. Sankari, Project Manager, Flink Technologies, Kumbakonam				Mr. M. Krishnan, Trainer Flink Technologies Kumbakonam			
Date of	Date of conduct from:		10.06.2019	To:	15.06.20	19	19 Duration: 36 Hours			
Organized Department:		nent:	COMPUTER SCIENCE AND ENGINEERING							
Participant Year:			UG-II,III,IV PG-I,II			No. of Students Registered: PG-			UG -106 PG - 09 TOTAL-11	
/enue:	IGCE		TWORK LAB	, de			<b>44</b> \$5000		And an order of the second	
Outco	ne of Val	ue Ac	lded Course (V	AC): At	the end o	of the	Course, Stud	ents o	can able to	
• G	ain know	ledge	owledge in rega in regard to gen nend C# cod.	ra to C# j eral prog	orogramn ramming	ung la	nguage pts.			
• A	pply the co	oncept: rations	s of JDBC, Trans s on Database					Results	set to	
• A	pply the college policate policate properties of the college propertie	ncept	d web application of Cookies, Sessi	i using RN ion, Enterp	II, Servlet orise JavaI	s and . Beans	ISP. and JAR files to	deve	lop server	
			As	sessment	Process	K-100/K-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-11-00-	The management of the same of	economic de la cinación de la cinaci	elle d'Alli min ma non «140000000000», apago	

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/CSE

(D:

rincipal



Madural Main Road (NH-45B), Manikandam, Tiruchirapalli-620 012 Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennal

## Department of Computer Science & Engineering

Academic Year 2018-2019 - Even Semester

Report on Value Added Course

Title:

C#

Resource Person:

Mrs. Sankari. Project Manager,

Flink Technologies.

Kumbakonam

Mr. M. Krishnan,

**Trainer Flink Technologies** 

Kumbakonam

Date of conduct from:

10.06.2019

To:

15.06.2019

Duration:

36 Hours

Organized Department:

COMPUTER SCIENCE AND ENGINEERING

Participant Year:

UG-II,III,IV

PG-I,II

No. of Students Registered:

UG-106 PG - 09

TOTAL-115

Venue:

SD LAB & NETWORK LAB

**IGCE** 

Sample Photo



· Wirdal

Principal



### ndra Ganesan

Madurai Main Road (NH-45B), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai



### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Aarthi J	rf
• • • • • • • •	II/C	SE	• • • •	• • • • • • • •	• • • • • • •	. has succ	essfully completed the Value Added Course on C‡	<i>#</i>
organize	d by I	)ера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies	
from 10 th	i June	201	'9 to	o 15 ^h Jun	e 2019	(6 days)	luring the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

shnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.





### CERTIFICATE OF PARTICIPATION

Th	is	is	to	certify	that	Mr/Ms.	Salma Banu M
•••••••••••••••••••••••••••••••••••••••	/.C.	3E	• • • •		• • • • • • • •	has succ	essfully completed the Value Added Course on C#
organizea by	) D	epar	rtme	ent of Co	mpute1	r Science at	nd Engineering and Flink Technologies
from 10 th Ju	ne .	201.	9 to	15 ^h Jun	e 2019	(6 days) (	furing the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager Dr. G. Balakaishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



## Indra Ganesan COLLEGE OF ENGINEERING Madurai Main Road (NH-45B), Manikandam, Trichy-12.

INK TECHNOLOGI

Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Deepika N
• • • • • • • • •	. II/.C	SE	• • • •		• • • • • • •	. has succ	essfully completed the Value Added Course on C#
organizea	by I	)epa	rtme	ent of Co	mputer	r Science a	nd Engineering and Flink Technologies
from 10 th	June	201	9 to	15 ^h Jun	e 2019	(6 days) (	luring the Academic year 2018-2019.

Flink Technologies Mrs. Sankari 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 Principal



#### Indra Ganesan COLLEGE OF ENGINEERING Madurai Main Road (NH-45B), Manikandam, Trichy-12.



### CERTIFICATE OF PARTICIPATION

Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

	This	is	to	certify	that	Mr/Ms.	Kamatchi V
• • • • • • • •	II/.C	SE	• • • •	• • • • • • • •	• • • • • • •	. has succ	essfully completed the Value Added Course on C#
organize	d by I	)ера	rtme	ent of Co	mputer	r Science a	nd Engineering and Flink Technologies
from 10 ^t	^h June	201	9 to	o 15 ^h Jun	e 2019	(6 days)	furing the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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



Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Jeya Pratha A
• • • • • • • • •	JI/.C	SE	• • • •	* * * * * * * * *	• • • • • • •	has succ	essfully completed the Value Added Course on C#
organize	d by I	)ера	rtme	ent of Co	mputei	r Science a	nd Engineering and Flink Technologies
from 10 th	ⁱ June	201	9 to	) 15 ^h Jun	e 2019	(6 days)	during the Academic year 2018-2019.
			-				

Flink Technologies Mrs. Sankari Project Manager Dr. G. Balak ishnan, M.E., Ph.D.,
Phycinal
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Manikandam, Trichy-620 012.



## Indra Ganesa

INK TECHNOLOGI

Madurai Main Road (NH-45B), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai

#### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Jickson S	) <del> </del>
• • • • • • • • • • • • • • • • • • • •	<b>II/</b> C	SE	• • • •	••••••	• • • • • • • •	has succ	essfully completed the Value Added Course on C:	#
organize	d by I	Эера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies	
from 10 ^t	î June	201	!9 to	o 15 ^h Jun	ie 2019	(6 days)	during the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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Principal

**IGCE** 



### Indra Ganesan COLLEGE OF ENGINEERING Madurai Main Road (NH-45B), Manikandam, Trichy-12.



#### CERTIFICATE OF PARTICIPATION

Thi	s is	to	certify	that	Mr/Ms.	Aparna S	f
III	Y.E.	AR.	C.S.E		. has succ	cessfully completed the Value Added Course on C#	¥
organized by	Дер	artm	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies	
from 10 th Jun	e 20	19 t	o 15 ^h Jun	e 2019	(6 days)	during the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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### CERTIFICATE OF PARTICIPATION

							Archana T
							essfully completed the Value Added Course on <b>C#</b>
organize	d by I	Эера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies
from 10 ^t	^h June	201	!9 to	o 15 ^h Jun	e 2019	(6 days)	furing the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Banumathi D	rf
••••••		Æ.	AR.	C.S.E		. has succ	essfully completed the Value Added Course on C‡	#
organize	d by I	Эера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies	
from 10 ^t	^h June	201	!9 to	o 15 ^h Jun	e 2019	9 (6 days)	during the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Gunasekar P
							essfully completed the Value Added Course on <b>C#</b>
organizea	l by D	ера	rtme	ent of Co	mputer	r Science a	nd Engineering and Flink Technologies
from 10 th	June	201	9 to	o 15 ^h Jun	e 2019	(6 days)	during the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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Manikandam, Trichy-620 012.





### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Jothika R	)f
••••••		Æ.	AR.	C.S.E		. has succ	essfully completed the Value Added Course on C:	#
organize	d by I	)ера	rtme	ent of Co	mputer	r Science a	nd Engineering and Flink Technologies	
from 10 th	June	201	!9 to	o 15 ^h Jun	e 2019	(6 days)	furing the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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#### CERTIFICATE OF PARTICIPATION

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	This	is	to	certify	that	Mr/Ms.	Prem Kumar.N	of
•••••	. FIN	AL	.Y.E	AR.C.S	E	has succ	essfully completed the Value Added Course on C	]#
organize	d by $I$	)ера	rtme	ent of Co	mputei	r Science a	nd Engineering and Flink Technologies	

from 10th June 2019 to 15h June 2019 (6 days) during the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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Principal **IGCE** 





#### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Pradeep.T	f
• • • • • • • • •	.FIN	AL	YE	AR CS	Ε	has succ	essfully completed the Value Added Course on C#	¥
organize	d by I	рера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies	
from 10 th	June	201	9 to	o 15 ^h Jun	e 2019	(6 days)	during the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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Manikandam, Trichy-620 012.





#### CERTIFICATE OF PARTICIPATION

Ç	This	is	to	certify	that	Mr/Ms.	Nirosha.K	)f
• • • • • • • • • • • • •	FIN	AL	Y.E	AR.C.S	Ε	has succ	essfully completed the Value Added Course on C7	#
organized	$by \mathcal{D}$	epa	rtme	ent of Co	mputei	r Science a	nd Engineering and Flink Technologies	
from 10 th	June	201	9 to	15 ^h Jun	e 2019	(6 days)	during the Academic year 2018-2019.	

Flink Technologies Mrs. Sankari Project Manager

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### CERTIFICATE OF PARTICIPATION

G	This	is	to	certify	that	Mr/Ms.	Meena.A
							essfully completed the Value Added Course on <b>C</b> #
organized	by D	ера	rtme	ent of Co	mputei	r Science at	nd Engineering and Flink Technologies
from 10 th S	June	201	9 to	15 ^h Jun	e 2019	(6 days) (	luring the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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### Indra Ganesan

COLLEGE OF ENGINEERING Madural Main Road (NH-45B), Manikandam, Trichy-12. Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai



### CERTIFICATE OF PARTICIPATION

	This	is	to	certify	that	Mr/Ms.	Shanmuqa Priya M
••••••	JI/IV	A Common		• • • • • • • • •	• • • • • • •	. has succ	essfully completed the Value Added Course on C#
organize	d by I	)ера	rtme	ent of Co	mpute	r Science a	nd Engineering and Flink Technologies
from 10 ^t	i June	201	9 to	o 15 ^h Jun	e 2019	6 (6 days)	during the Academic year 2018-2019.

Flink Technologies Mrs. Sankari Project Manager

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