### EVEN SEM 2016-17



### SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

### Sapthagiri College of Engineering

Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

### ALUMNI FEEDBACK ON CURRICULUM

We are glad that you have spent valuable years pursuing courses of your choice at SCE. We shall be thankful if you can spare some of your valuable time to fill up this feedback form and give us valuable suggestions for further improvement of the College. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of our Institution. Rate the adequacy of following as they were during your tenure as a student.

Year of Passing	2-014-15
Branch	CSE MANUELLE
Name	Sonam
Status : Work/Study	WORK
Phone no	8123223844

Rate the curriculum syllabus on the following Points

SL	Statements	Excellent	Very good	Good	Average	Below Average
NO			4	3	2	1
1	When you compare yourself with other counterparts from other Institution, you feel that you got most of all the facilities which is not available in other Institution		,			
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives)		/			
3	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution	-				
4	How do you rate the learning experience in terms of their relevance to the real life application	-				
5	Ability to work in teams .	B 100 - 145	-	Talk!	Birth Russ	
6	Ability to link theory to practice	TOTAL CO	/			
7	How do you rate the course/curriculum content that you have learnt in relation to your current job	-				
8	Compatibility with industry standards	1				

Suggestions: Inclustry perspective mobile Application dens lopretris lequired. Signature

Principal

Sapthagiri College of Engineering Chikkasandra, Hesarachatta Road, Bangalore-560 US7



### SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

### Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

### FACULTY FEEDBACK ON CURRICULUM

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2015-16
Branch	CSE CSE
Name of the Faculty	Latha, A
Designation	Assistant Professor
Subject/Sub. Code	Mabile Computing

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Yery good	Good	Average	Below Average
WARRED		5	4	3	2	1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?	V				
2	Is the curriculum suffcient to bridge the gap between industry standards /current global scenarios and academics?	~				
3	Is the timely coverage of curriculum possible in the mentioned number of hours?		~			
4	Suffcient reference material and books are available for the topics mentioned in the curriculum?				~	
5	The evaluation methods mentioned in the curriculum are sufficient for providing proper assessment?			V		
6	Curriculum is suitable to the course		OF NEW			
7	The curriculum/course of this subject increased my knowledge and perspective in the subject area			_		

Suggestions: Require knowledge of Application development in Mobile.

Signature

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore-560 057



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### Sapthagiri College of Engineering

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### STUDENTS FEEDBACK ON CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2015-16	es interining
Branch	CSE	
Name of the Student	Aishuarya. J	
USN	15413CS005	

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
110		5	4	3	2	1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		_			
2	How do you rate the allocation of the credits to the courses?			/		
3	Relevance for implementation in projects		-		17148	
4	How do you rate the electives offered in relation to the technological advancements?		1			
5	How do rate the evaluation scheme designed for each of the course?		1			
6	How do you rate the percentage of courses having LAB components?			~		
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution					
8 .	Suggestions (if any)					

Signature

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Bangalore- 560 057



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### Department of Computer Science & Engineering

Date: 21-11-2016

To,

THE IQAC Coordinator

Sapthagir College of Engineering

Bangalore - 560057.

Respected Sir/Madam,

Subject: Budget Proposal for conduction of certification program on "Mobile Application Development (SGCS82)".

The Budget Proposal for conduction a certification program on "Mobile Application Development (SGCS82)" from 24<sup>th</sup> Jan 2017 to 29<sup>th</sup> Jan 2017 is hereby enclosed for your kind consideration and approval.

The details of the Recurring budget are given as follows:

### Recurring Amount:

Sl. No.	Description	Quantity	Amount in Rs.
1	Beuquet	2	275
2	Cert ficates	Students	1850
3	Others .		800
	Т6	tal	2925

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560 057 нор

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

Date: 12-11-2016

### CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 14/11/2016 at 1 00PM in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "Mobile Application Development (SGCS82)".

SI No.	Faculty Name	Designation	Signature
1.	Dr. PRASHANTH C M	HOD	(V)
2.	Prof. MADHUSHREE	Assistant Professor	M
3.	Prof. LATHA A	Assistant Professor	14
4.	Prof. VEENA K R	Assistant Professor	Ill
5.	Prof. KAVITHA,G	Assistant Professor	#

Principal

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Bangalore-560 057

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

Date: 12-11-2016

To,

Prof. Praveen Kumar K V Sambhram Institute of Technology Bangalore - 56)097.

Respected Sir,

Subject: Invitation as a "Guest Speaker" in certification program and to attend meeting to discuss about the certification program.

Department of Computer Science & Engineering have planned to conduct a certification program titled "Mobile Application Development (SGCS82)" for 8th semester students from 24th Jan 2017 to 29th Jan 2017. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

Thanking you for your kind acceptance to our request on phone. We request you to attend the meeting to discuss about the conduction of certification course on 14/11/2016 at 1:00PM. We look forward to welcome you at SCE.

Thanking you

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road,

Bangalo e- 560 057

Yours faithfully

Professor & Head of the Department

Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

Date: 14-11-2016

### Minutes of Meeting

A meeting was conducted on 14-11-2016 in CSE HOD's Chamber to discuss and approve the syllabus & schedule of the 5 days Certification Course for VIII semester CSE Students.

- · Course Title: "Mobile Application Development (SGCS82)".
- Resource Personnel: Prof. PRAVEEN KUMAR K V, Bangalore.
- Course Duration & Date: 5 Days from 24<sup>th</sup> Jan 2017 to 29<sup>th</sup> Jan 2017.

### Syllabus & Schedule of the certification program

DATES	SESSION 1 (8:30AM TO 10:30AM)	SESSION 2 (11:00AM TO 12:30PM)	SESSION 3 (1:30PM TO 4:00PM)
24/01/17 MONDAY	Brief Introduction to MAD Introduction to J2ME Organization of J2ME J2ME Architecture	Small Computing Technology Run Time Environment and their types	Develop mobile applications using GUI and Layouts.
25/1/17 TUESDAY	Midlet programming with Examples J2ME Software Development Kit.	J2ME user Interfaces.  Command based user Interface.  Form based user Interface  Canvas based user Interface.	Develop mobile applications using Event Listener.
27/01/17 THURSDAY	Record Management System with example programs.	Generic Connection Framework.	Develop mobile applications using Databases.
28/01/17 FRIDAY	Socket Programming.	The capabilities and limitations of mobile devices.	Develop programming on Socket.
29/01/17 SATURDAY	Mobile Application using RSS Feed.	An application that makes use of databases.  An application that makes use of Notification Manager.	Develop mobile applications using RSS Feed, Internal/External Storage, SMS, Multi- threading and GPS.

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### Department of Computer Science & Engineering

The following members were present in the meeting and the syllabus and lesson plan for the certification program has been decided.

Sl No.	Faculty Name	Designation	Signature
1	Dr. PRASHANTH C M	HOD	Q0/
2	Prof. MADHUSHREE	Assistant Professor	
3	Prof. LATHA A	Assistant Professor	
4	Prof. VEENA K R	Assistant Professor	all
5	Prof. KAVITHA G	Assistant Professor	4
6	Prof. PRAVEEN KUMAR K V	Guest Speaker	Hay

Principal

Sapthagiri College of Engineering Chikkasandra, Hasaraghatta Road, Bangalore-560 057

Professor & Head of the Departmen Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

### **CIRCULAR**

The department of Computer Science and Engineering is Conducting 5 days Certification Course on Mobile Application Development (SGCS82) for 8<sup>th</sup> semester students from 24<sup>th</sup> Jan 2017 to 29<sup>th</sup> Jan 2017.

Hence hereby informing all eighth semester students to attend the Certification Program Compulsorily.

Co-ordinator

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

нор

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

### STUDENTS ENROLLED IN 5 DAYS CERTIFICATION COURSE ON "MOBILE

APPLICATION DEVELOPMENT (SGCS82)"

2016-1

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-	3.	1SG12CS025	CHANDAN KUMAR	1
	4.	1SG12CS049		Lavaure
L	5.	1SG12CS051	MAHESH .S.G	1 5
	6.	1SG12CS087	RAJEEV KUMAR	Mahesh S. ly
L	7.	1SG12CS088	RAJESH KUMAR	
	8.	1SG13CS001	ABHILEKH KUMAR	
L	9.	1SG13CS004	ADITYA NATH SINGH	Souther Bounds
	10.	1SG13CS005	AISHWARYA.J	AWA
	11.	1SG13CS006	AISHWARYA C	Andrew
	12.	1SG13CS007		1000
	13.	1SG13CS009	AKSHATA MANJUNATH HEGDE	Adab
	14.	1SG13CS010	AKSHATHA R	(1)
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	17.	1SG13CS013	ALISHA RAJ	MILITO
	18.	1SG13CS014	AMRISHAN SHAREEF S	Villatia Caj
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	31.	15G13CS029	CHAITHRA S	Sandari Carlos e
	32.	1SG13CS030	CHAITHRA SHREE B	Change of the B
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	34.	1SG13CS032	CHITRA K	(hilan)
	35.	1SG13CS033	DARSHAN M U	Principal
j	36.	1SG13CS034	DARSHAN P SWAMY	Sectionari College of Engine
	37.	1SG13CS035	DEEPA SHREE G	Children and a Hesaraghatta R
	38.	1SG13CS036	DEEPAK KUMAR GUPTA	Coro Bangalore-560 057
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Ī	41.		DHANUJA G	Desporat



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### Department of Computer Science & Engineering

Sl. No.	USN	Name of the Student	Signature
42.	1SG13CS040	DIVYA SINGH	
43.	1SG13CS041	DIVYA V	Cimp
44.	1SG13CS043	FLORA Y	Klindar
45.	1SG13CS044	G N SRIRANGA	Alexander 1
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70.	1SG13CS128	AMOGH .N. KULKARNI	(R)
71.	1SG13CS131	NIDHI SINGH	TWING!
72.	1SG13CS132	ARCHANA SINHA	Acclase
73.	1SG13CS133	GINIA DEY	(Rey )
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SUSHANT KUMAR

### SAPTHAGIRI COLLEGE OF ENGINEERING

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### Department of Computer Science & Engineering

Sl. No.	USN	Name of the Student	
1.	1SG10CS06	2 RANJITHA .C	Signature
2.	1SG11CS093		3
.3.	1SG11CS102	The state of the s	of
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13.	1SG13CS084		Maket
14.	1SG13CS085	The state of the s	Harita,
15.	1SG13CS086	RAVI ROSHAN	Ravi
16.	1SG13CS086	RISHABH ANAND	Pintyl
17.	1SG13CS089	ROHIT KUMAR	Robel WY
18.	1SG13CS089	SUPRIYA S	ful-
19.	1SG13CS092	SAKSHI PANDEY	Charles
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39.		SUNITHA SUNDARAN	3
40	1SG13CS116 S	UPREETH K	T. A. A

Principal

id College of Engineer andra, Hessraghatta Res

Bangalore-560 057

Sushant Kumar



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### Department of Computer Science & Engineering

SI. No.	USN	Name of the Student	Signature
41.	1SG13CS118	SUSHMA S	Sushist
42.	1SG13CS120	TAPAS KUMAR DHAR	aum -
43.	1SG13CS121	TARANGI D JADAV	the
44.	1SG13CS122	TEJASWINI S	Tejascomi
45.	1SG13CS123	VIDYA SAGAR	Vdyala 201
46.	1SG13CS125	VIKASH KUMAR	000
47.	1SG13CS127	VYSHAK M V	Undak tes
48.	1SG13CS129	SHALINI .V	11/1-
49.	1SG13CS130	SUROJEETH KUMAR	Jan Will
50.	1SG13CS134	PAVITHRA P.U	Eagle
51.	1SG13CS135	SHRISTI KESHRI	The state of the s
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67.	1SG14CS419	ROOPA H.V	an written
68.	1SG14CS422	SOUMYA	launy a
69.	1SG12CS058	NAKUL SAGAR (Re-admission)	N/h/e

Madhusheu Co-ordinator

Principal

Professor & Head of the Department Sapthagiri College of Engineering puter Science Engineering Children Sandra, Hesaraghatta Rosofothagiri College of Engliseering Bangalore-67



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### Department of Computer Science & Engineering

### 5 DAYS CERTIFICATION COURSE ON "MOBILE APPLICATION DEVELOPMENT (SGCS82)" ATTENDANCE

Sl. No.	USN	Name	24/1	/17	25/1	/17	27/	1/17	28/7	/17	29/1/	17	Test
	Medicale		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1.	ISG11CS100	HEMASHREE .S	1	2	3	4	5	6	7	8	9	to	P
2.	1SG12CS013	ASHOK SUTHAR	1	1	2	3	4	5	6	7	8	9	P
3,	1SG12CS025	CHANDAN KUMAR	0	1	2	3	4	5	6	7	8	9	P
4.	1SG12CS049	LAVANYA S	1	2	3	3	4	5	6	7	8	9	P
5,	1SG12CS051	MAHESH .S.G	1	2	3	4	5	6	7	8	9	10	P
6.	1SG12CS087	RAJEEV KUMAR	0	1	2	3	4	5	6	7	8	9	P
7.	1SG12CS088	RAJESH KUMAR	0	1	2	3	4	5	6	7	8	9	Р
8.	1SG13CS001	ABHILEKH KUMAR	1	2	3	4	5	6	7	8	9	10	P
9.	1SG13CS004	ADITYA NATH SINGH	1	2	3	4	5	6	7	8	9	10	P
10.	1SG13CS005	AISHWARYA.J	1	2	3	ų	2	6	7	8	9	10	P
11.	1SG13CS006	AISHWARYA C	1	2	3	4	5	6	7	8	9	10	P
12.	1SG13CS007	AISHWARYA N R	1	2	3	4	5	6	7	8	9	10	P
.13.	-1SG13CS009	AKSHATA MANJUNATH HEGDE	1	2	3	ų	2	6	7	8	9	10	P
14.	1SG13CS010	AKSHATHA R	1	2	3	4	5	6	7	8	9	10	P
15.	1SG13CS011	AKSHATHA S HEGDE	-1	2	3	4	5	6	7	8	9	10	P
16.	1SG13CS012	AKSHAY V MADALGI	1	2	3	Le	2	6	7	3	9	10	P
17.	1SG13CS013	ALISHA RAJ	i	2		4		6	7	8	9	10	P
18.	1SG13CS014	AMRISHAN SHAREEF S	1	2	3	4	_	6	7	80	9	10	P
19.	1SG13CS015	ANKIT ABHINAV	1	2	3	4	5	6	7	8	9	10	P
20.	1SG13CS016	ANKITA BHARATI	1	2	3	4	5.	6	7	8	9	10	4

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21.	1SG13CS018	tment of Com	Jul	CI	361	GIIC	6 0	X_L	III	me	em	19	
		ARNAV ASHU	1	2	3	4	5	6	7	8	9	10	P
22.	1SG13CS020	ASHA T N	1	2	3	4	5	6	7	8	9	10	P
23.	1SG13CS021	ASHRITHA SHETTY S	1	2	3	u	2	6	7	8	9	10	P
24.	1SG13CS022	ASHWINI SHARMA	1	2	3	4	5	6	7	8	9	10	P
25.	1SG13CS023	ATUL KUMAR SINGH .	1	2	3	4	5	6	7	8	9	10	P
26.	1SG13CS024	AVINASH KUMAR	1	2	3	u	5	6	7	8	9	10	P
27.	1SG13C5025	NARASIMHAN B L	1	2	3	H	5	6	7	8	8	9	P
28.	1SG13C5026	BHAGYASHREE M	1	2	3	4	5	6	7	8	8	9	P
29.	1SG13CS027	BIFIN KUMAR	0	1	2	3	4	5	£	7	8	9	P
30.	1SG13CS028	BRUNDA M	1	2	3	4	5	6	7	8	9	10	P
31.	1SG13CS029	CHAITHRA S	,	2	3	4	5	6	7	8	9	10	P
32.	1SG13CS030	CHAITHRA SHREE B	ı	2		u	5	6	7	8	9	10	P
33.	1SG13CS031	CHETHAN S HUGAR	l	2	3	u	2	6	4-	8	9	10	P
34.	1SG13CS032	CHITRA K	1	2	3	u	5	6	7	8	9	10	P
35.	1SG13CS033	DARSHAN M. U	0	1	2	3	u	5	6	7	8	9	P
36.	1SG13CSC34	DARSHAN P SWAMY	1	2	3	h	2	6	7	8	9	10	P
37.	1SG13CS035	DEEPA'SHREE G	6	1	2	3	u	5	6	7	8	9	P
38.	18G13CS036	DEEPAK KUMAR GUPTA	1	2	3	ų	5		7	8	9	10	P
39.	1SG13CS037	DEEPAK M	0	,	2	3	u	1	6	7	8	9	P

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<b>-0</b> .	1SG13CS038	DEEPESH JHA	1	2	2	3	4	5	6	7	8	9	P
41.	1SG13CS039	DHANUJA G	1	2	3	H	5	6	7	8	9	10	P
42.	1SG13CS040	DIVYA SINGH	1	2	3	4	5	6	7	8	9	10	P
43.	1SG13CS041	DIVYA V	1	2	3	4	5	6	7	8	9	10	P
44.	1SG13CS043	FLORA Y	1	2	3	4	5	6	7	8	9	10	P
45.	1SG13CS044	G N SRIRANGA	1	2	3	4	5	,	7		9		P
46.	1SG13CS045	SURAJ H R	1	2	3	4	5	6	7	8	9	10	P
47.	1SG13CS046	HARMINDER RAINA	1	2	2	3	3	4	5	6	7	8	P
48.	1SG13CS047	HARSHITHA M B	0	1	2	3	4	5	6	7	8	9	P
49.	1SG13CS048	HEMANTH R	1	2	3	4	5	6	7		9	10	P
50.	1SG13CS049	HIMANSHU VERMA	1	2	3	l di	5			8	9		3'=
51.	1SG13CS050	INDU K	1	2	3	4		6	7	8	8	9	P
52.	1SG13CS051	JANANI M A	1	2	3	4	5	6	7	8	9	10	P
53.	1SG13CS052	KAILASH KUMAR	1	2	2	2	3	6	5	6	7	8	A
54.	1SG13CS054	KAVYA P	1	2	3	4	5	6	7	8	9	10	P
55.	1SG13CS055	KEERTI M HEGDE	,	2	3								-
56.	1SG13CS056	KRUTHIKA R	1	2	3	4	5	6	7	8	9	10	P
57.	1SG13CS057	KSHITIJ SETH	,	2	3	4	5	6	7	8		10	P
58.	1SG13CS058	LIKHITH C	1	2		4	5	6	7		9	10	P
59	1SG13CS060	MAIZNA SHARIFE	)	2	3	4	5	6	7	8	9	10	P
60	1SG13CS061	MANASH KUMAR	1	2		4	5	6	7	8	9		
61.	1SG13CS062	MAYURI PRIYA	1	2	3	3			6	7		10	A
62.	1SG13CS064	NAMRATHA S HEGDE	,	2	3	4	4 5	5	7	8	8	9 10	P
63,	1SG13CS365	NEETU S	)	2	3	4	5	6	7	0	)9	10	P

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64.	1SG13CS066	NIDA FAZEELATH	1	2	3	H	5	6	7	8	9	10	P
65.	1SG13CS067	NIVEDA G	1	2	3	4	5	6	7	8	9	10	P
66.	1SG13CS069	PALLAVI.P	1	2	3	H	5	6	7	8	9	10	P
67.	1SG13CS070	POOJA G BHAT	1	2	3	3	4	5	6	7	8	8	A
68.	1SG13CS071	PRAGYA	1	2	3	3	H	5	6	7	8	9	P
69.	1SG13CS072	PRATHIKSHA B	1	2	3	4	5	E	7	8	9	9	P
70.	1SG13CS128	AMOGH .N. KULKARNI	1	2	3	4	5	6	7	8	9	10	P
71.	1SG13CS131	NIDHI SINGH	1	2	3	4	5	6	7	8	9	10	P
72.	1SG13CS132	ARCHANA SINHA	1	2	3	H	5	6	7	8	9	10	P
73.	1SG13CS133	GINIA DEY	1	2	3	4	5	5	6	7	8	9	P
74.	1SG12CS066	NIDHI MORAB	1	2	3	4	5	6	7	8	9	10	P
75.	1SG10CS017	BHASKAR KUMAR PANDEY	1	2	3	4	5	6	7	8	9	10	P
76.	1SG12CS114	SUKUMAR SANU	1	2	3	4	5	6	7	8	9	10	P
77.	1SG12CS073	MD.ASIF	1	2	3	4	5	6	7	8	9	10	P
78.	1SG12CS054	MANJUNATH	1	2	3	H	5	6	7	8	9	10	P
79.	1SG10CS062	RANJITHA .C	1	2	3	4	5	6	7	8	9	10	p
80.	1SG11CS093	VIJAY YATHIN KUMAR	1	2	3	4	5	6	7	8	9	10	P
81.	1SG11CS102	SYED MUSTAQEEM	1	2	3	4	5	5	7	8	9	10	P
82.	1SG13CS413	SANGAYYA HIREMATH	1	2	3	4	5		7	8	9	10	P
83.	1SG13CS421	VEDA KUMAR B.H	1	2	3	4	5	6	7	8	9	10	P
84.	1SG13CS074	PREETHAM REDDY G	1	2	3	4	5	6	7	8	9	10	P
85.	1SG13CS075	PREETHI P	1	2	3	4	5	6	7	8	9	10	P
86.	1SG13CS076	PREETHI SRI B S	1	2	3	1	, 5	6	1	8	9	to	P

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87.	1SG13CS077	SUSHMA R	1	2	3	4	5	6	7	8	9	10	P
88.	1SG13CSC80	RAHUL KUMAR SINGH 2	1	2	2	3	3	4	5	6	7	8	A
89.	1SG13CS081	RAJAT GAUTHAM	1	2	3	4	5		7	8	8	8	A
90.	1SG13CS082	RAKESHA R S	1	2	3	4	5		7	8	9	10	P
91.	1SG13CS084	RANJITHA K T	1	2	3	4	5	5	7	8	9	10	P
92.	1SG13CS035	RAVI ROSHAN	1	2	3	4	5	6	7	8	9	10	P
93.	1SG13CS936	RISHABH ANAND	1	2	3	H	5	6	7	8	9	10	P
94.	1SG13CS087	ROHIT KUMAR	1	2	3	4	5	6	7	8	9	10	P
95.	1SG13CS0 <b>8</b> 9	SUPRIYA S	1	2	3	4	5	6	7	8	9	10	P
96.	1SG13CS091	SAKSHI PANDEY	1	2	3	H	5	6	7	8	9	10	P
97.	1SG13CS092	SANGEETHA SHARMA	1	2	3	Н	5	6	7	8	9	10	P
98.	1SG13CSCS3	SANJANA A R	1	2	3	H	5	6	7	8	9	10	P
99.	1SG13CS094	SANT RAJ	1	2	3	4	5	6	7	8	q	10	P
100.	1SG13CS096	SATYAM KUMAR SUMAN	1	2	3	4	5	6	7	8	9	10	P
101.	1SG13CS097	SHAMEEM AHAMAD	1	2	3	4	5	6	7	8	9	10	P
102.	1SG13CS098	SHANTANU KUMAR	1	2	3	4	5	6	7	8	9	10	P
103.	1SG13CS099	SHANU SINGH	,	2	3	4	5	10	7	8	9	10	P
104.	1SG13CS100	SHARAD CHAND	,	2	3	4	5	6	-	8	9	10	P
105.	1SG13CS10	SHASHANK SHEKHAR	1	2	3	4	5	3	7	8	9	10	P
106.	1SG13CS103	SHIVANI M PARIKH	1	2	3	4	5	6	7	8	9	10	P
107.	1SG13CS104	SHIVASHREE N	1	2	3	4	5	6	7	8	9	10	P
108.	1SG13CS105	SHREYAS ATHREYA	1	2	3	4	5	6	7	8	9	10	P

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109.	1SG13CS106	SIDHARTH							1				
109,	Indiacaine	SHRIVASTAVA	1	2	3	H	5	6	7	8	9	10	P
110.	1SG13CS107	SINDHU R	1	2	3	4	5	6	7	8	9	10	P
111.	1SG13CS108	SNEHA KUMARI GUPTA	1	2	3	4	5	6	7	8	9	10	P
112.	1SG13CS110	SOWMYA S VISHWA BRAHMIN	1	2	3	4	5	6	7	8	9	10	P
113.	1SG13CS111	SUBHASHIS BISWAS	1	2	3	4	5	6	7	8	9	10	P
114.	1SG13CS113	SUJUTH G U		2	3	4	5	6	7	8	9	10	P
115.	1SG13CS114	SUMANTHA A S		2	3	4	5	6	7	8	9	10	P
116.	1SG13CS_15	SUNITHA SUNDARAH	1	2	3	4	5	6	7	8	9	10	P
117.	1SG13CS116	SUPREETH K	1	2	3	L	5	6	7	8	9	10	P
118.	1SG13CS1.7	SUSHANT KUMAR	1	2	3	H	5	6	7	8	9	10-	P
119.	1SG13CS118	SUSHMA S	1	2	3	H	5	6	7	8	9	10	P
120.	1SG13CS120	TAPAS KUMAR DHAR	1	2	3	4	5	6	7	8	9	10	P
121.	1SG13CS121	TARANGI D JADAV	1	2	3	H	5	6	7	8	9	10	P
122.	1SG13CS122	TEJASWINI S	1	2	3	24	5	6	7	8	9	10	P
123.	1SG13CS123	VIDYA SAGAR	1	2	3	4	5	6	7	8	9	10	P
124.	1SG13CS125	VIKASH KUMAR	1	2	3	L	5	6	7	8	9	10	P
125.	1SG13CS12?	VYSHAK M V	1	2	3	H	5	6	7	8	9	10	ρ
126.	1SG13CS129	SHALINI .V	1	2	3	4	5	6	7	8	9	10	P
127.	1SG13CS130	SUROJEETH KUMAR	1	2	3	4	5	6	7	8	9	10	P
128,	1SG13CS134	PAVITHRA P.U	1	2	3	H	5	6	7	8	9	10	P
129.	1SG13CS135	SHRISTI KESHRI	1	2	3	4	5	6	7	8	9	10	P
					-		-	-		_			-

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131.	1SG14CS491	AKSHAY K	1	2	3	H	5	6	7	8	9	10	P
132.	1SG14CS402	ANITHALAKSHMI.	ı	2	3	H	5	6	7	8	9	10	P
133.	1SG14CS463	ANNAPPA V	1	2	3	4	5	6	7	8	9	10	9
134.	1SG14CS406	BHARATH R	1	2	3	4	5	6	7	8	9	10	P
135.	1SG14CS407	DHRUVA KUMARA B Y	1	2	3	H		6	7	8	9	10	P
136.	1SG14CS409	KALPANA K	1	2	3	4	5	6	7	8	q	10	P
137.	1SG14CS410	M. SHRILAKSHMI	1	2	3	H	5	6	7	8	9	10	P
138.	1SG14CS411	MADHUSUDHAN K	1	2	3	4	5	6	7	8	9	10	D
139.	1SG14CS412	NAGAMALLESHWA RI	1	2	3	4	5	6	7	8	9	10	P
140.	1SG14CS413	NANDINI R	1	2	3	4	5	6	7	8	9	10	P
141.	1SG14CS414	NANDINI S	1	2	3	4	5	6	7	8	9	10	P
142.	1SG14CS4.€	NUTHAN T.K	1	2	3	Н	5	6	7	8	8	8	A
143.	1SG14CS417	RAMYA .J	1	2	3	Н	5	6	7	8	9	10	P
144.	1SG14CS418	S K ROHITH MURTHY	1	2	3	Н	5	6	7	8	9	10	P
145.	1SG14CS419	ROOPA H.V	1	2	3	4	5	6	7	8	9	10	P
146.	1SG14CS422	SOUMYA	1	2	3	4	5	6	7	8	9	10	0
147.	1SG11CS077	SEREENIVAS S G	1	2	3	4	5	6	7	8	9	10	P
148.	1SG11CS082	SRIDHAR DESHPANDE	i	2	3	4	5	6	7	8	9	10	P
149.	1SG11CS094	VINAY P BANKAPUR	ı	2	3	4	5	6	7	8	9	10	P
150.	1SG12CS124	YASHASHWINI K	1	2	3	4	5	6	7	8	9	10	D
151.	1SG11CS089	VANDITHA V	1	2	3	4	5	6	7	8	9	10	0
152.	1SG13CS403	DEEPASHREE M S	1	2	3	4	5	6	7	B	19	W	0

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153.	1SG13CS416	SHRUTHI H K	1	2	2	2	3	H	5	6	7	8	P
154.	1SG12CS058	NAKUL SAGAR	1	2	2	2	3	4	5	6	7	8	B

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### 5 Days Certification Course On "MOBILE APPLICATION DEVELOPMENT (SGCS82)"

### TEST TIME TABLE

SL.NO	DATE / DAY	TIMINGS
1	29/1/2017	4:00PM - 5:00PM
	SATURDAY	

Co-ordinator

Principal

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Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

### 5 DAYS CERTIFICATION COURSE ON "MOBILE APPLICATION DEVELOPMENT (SGCS82)"

QUESTION PAPER
Select a component which is NOT part of Android architecture.     a. Android framework b. Libraries c. Linux kernel d. Android document
What is AAPT?     a. Android Asset Processing Tool.     c. Android Asset Packaging Tool.     d. Android Asset Packaging Technique
3. Required folder when Android project is created. a. build b. build/ c. bin d. bin/
4. Adb stands for A. Android Drive Bridge. B. Android Debug Bridge. C. Android Destroy Bridge. D. Android Delete Bridge.
5. Is list data type supported by AIDL? a. Yes b. No
6. Component which is NOT under the Android application. a. Content providers b. Resource externalization c. Applications d. Notifications 7. Language which is supported by Android for application development? a. PHP b.VB.NET c. Java d. C++
8. Which of the following contains all the code that provides the main features of an Android OS?
a. Linux kernel b. Libraries c. Android runtime d. Application
9. What is contained within the manifest xml file? a. The source code b. The list of strings used in the app c. The permissions the app requires d. None of the above
10. What is the name of the program that converts Java byte code into Dalvik byte code?  a. Mobile Interpretive Compiler (MIC)  b. Dex compiler  c. Dalvik Converter  d. Android Interpretive Compiler  (AIC)
11. Android is based on Linux for the following reason. a. Portability b. Security c. Networking d. All of these
12. Which piece of code used in Android is not open source?

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a. Power management b. Audio driver c. Wi-Fi driver d. Keypad driver
13. What was the main reason for replacing the Java VM with the Dalvik VM when the project began?
a. Java VM ran too slow b. Java VM was too complicated to configure c. Java virtual machine was not free d. There was not enough memory capability
14. From a phone manufacturer's point of view, what makes Android so great?  a. Aside from some specific drivers, it provides everything to make a phone work  b. It allows them to compete with Apple's iPhone  c. It makes the hardware work better  d. It allows users to create apps, generating revenue for the companies
15. Which of the following is not a component of an APK file?  a. Dalvik executable b. Native Libraries
c. Resources  d. All of these are components of the APK
16. A midlet is a Tava class that extends the abstract class: a. javax.micrcedition.MIDlet b. javax.microedition.midlet c. javax.micrcedition.midlet.MIDlet d. javax.microedition.midlet.midlet
17. Which one cf the following methods of the MIDlet abstract class must be implemented by a midlet:
a. initApp, star_App b. startApp, destroyApp c. startApp, pauseApp, destroyApp d. initApp, startApp, pauseApp, destroyApp
18. Purpose of tag
a. used to incorporate Java applets into a Web page. b. Downloads a plugin to the client Web browser to execute an applet or Bean. c. Both (a) & (b)
19. The time between Command Execution and Response is called  (a) Granularity  (b) Latency  (c) Lag time
20. A midlet suite is a set of midlets that are packed together into a single JAR file. Midlets within the same suite:
a. Can share the classes and resources contained in the JAR file

21. This set of Computer Networks Assessment Questions and Answers focuses on "Socket Programming".

1. Which methods are commonly used in Server Socket class?

b. Cannot share the classes and resources contained in the JAR file

a. Public Output Stream get Output Stream ()

b. Public Socket accept ()

c. Public synchronized void close ()

d. None of the mentioned

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### Department of Computer Science & Engineering

- 22. Midlets from different suites:
  - a. Can interact directly. b. Cannot interact directly.
- 23. Which classes are used for connection-less socket programming?
- a) Datagram Socket
- b) Datagram Packet
- c) Both Datagram Socket & Datagram Packet
- d) None of the mentioned
- 24. If a midlet needs to receive high-level events from the implementation, which interface should it implement?
- a. ActionListener
- b. CommandListener
- c. Windows Listener d. ChoiceListener
- 25. The heart of the Generic Connection framework is:
- a. javax.microedition.Connection
- b. javax.microedition.Connector
- c. javax.microedit.on.StreamConnection d. javax.microedition.HttpCornection

### Approved by Academic Committee Members & Guest Speaker

Sl No.	Faculty Name	Designation	Signature
1.	Dr. PRASHANTH C M	HOD	Ca/
2.	Prof. MADHUSHREE	Assistant Professor	m
3.	Prof. LATHA A	Assistant Professor	A
4.	Prof. VEENA K R	Assistant Professor	all
5.	Prof. KAVITHA G	Assistant Professor	4
6.	Prof. PRAVEEN KUMAR K V	Guest Speaker	The

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### Department of Computer Science & Engineering

### 5 DAYS CERTIFICATION COURSE ON "MOBILE APPLICATION

### DEVELOPMENT (SGCS82)"

### **SCHEME**

- 1) D. Android Document
- 2) C. Android Asset Packaging Tool.
- 3) C. Bin
- 4) B. Android Debug Bridge.
- 5) A. Yes
- 6) C. Applications
- 7) C. Java
- 8) B. Libraries
- 9) C. The Permissions The App Requires
- 10) C. Dalvik Converter
- 11) D. All Of These
- 12) C. Wi-Fi Driver
- 13) D. There Was Not Enough Memory Capability
- 14) A. Aside From Some Specific Drivers, It Provides Everything To Make A Phone Work
- 15) D. All Of These Are Components Of The Apk
- 16) Ans: C
- 17) Ans: C
- 18) Ans: C
- 19) Ans: C
- 20) Ans: A
- 21) Answer:B

Explanation: Public Socket Accept () Used In Server Socket Class.

- 22) Ans: B
- 23) Answer:C

Explanation: Datagram Socket, Datagram Packet Are Used For Connection-Less Socket Programming

- 24) Ans: B
- 25) Ans: B

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### Approved by Academic Committee Members & Guest Speaker

SI No.	Faculty Name	Designation	Signature
1.	Dr. PRASHANTH C M	HOD	(0)
2.	Prof. MADHUSHREE	Assistant Professor	M
3.	Prof. LATHA A	Assistant Professor	A
4.	Prof. VEENA K R	Assistant Professor	Ille
5.	Prof. KAVIŢĦA G	Assistant Professor	40
6.	Prof. PRAVEEN KUMAR K V	Guest Speaker	CKH.

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### Department of Computer Science & Engineering

### Feedback Form

### **5 DAYS CERTIFICATION COURSE**

Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

ame ALSHWARYA.C					
USN: 1691305006					
Were all the communications satisfactory?	1	2	3 .	4 5	
2. Hands on session were up to the mark.	1 .	2	3	4 -5	
3. The Speaker was knowledgeable on the topic.	1	2	3	4 8	
4. I would be interested in attending a follow-up of this program	n. 1	2	3	4 5	
5. Given the topic, was this Course a. Too short	b. Right lengh	Ø	c.	Too long	
6. In your opinion, was this Course: a. Too short	b. Right lengh		c.	Too long	V
7. How do you rate out of 10 about the overall program if 10 is	maximum9				
my Suggestions for improvisation of Certification Course	do o		live	benie of	,
Dant to give	acmb	Q.K		projeca.	<b>4</b>
Thank you! Please return this	form to the coo	rdinator			

Principal
Sapthagiri College of Engineering
Colkkasandra, Hesaraghatta Road,
Bangalore- 560 057

Student Signature



Name: VEDA KUMARBH

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### Feedback Form

### 5 DAYS CERTIFICATION COURSE

Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

OSN: 15/1/3/CS + 21				
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2. Hands on session were up to the mark.	1 2	3	4 5	7
3. The Speaker was knowledgeable on the topic.	1 2	3	- 4 5	
4. I would be interested in attending a follow-up of this progra	am. 1 2	3	4 5	
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6. In your opinion, was this Course: a. Too short	b. Right lengh		e. Too long	0
7. How do you rate out of 10 about the overall program if 10	is maximum9			
Any Suggestions for improvisation of Certification Course  Some descriptive in	formation w	antel	) . <b></b>	
Thank you! Please return th	is form to the coord	inator		

Principal
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Bangalore- 560 057

Student Signature



Name Rajeer Kumar

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### Feedback Form

### **5 DAYS CERTIFICATION COURSE**

Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

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1. Were all the communications satisfactory?	1	2	3	4	5	
2. Hands on session were up to the mark.	1	2	3	4	5	
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4. I would be interested in attending a follow-up of this program.	1	2	3	4	5	
5. Given the topic, was this Course: a. Too short	b. Right lengh	V	-	c. Too l	ong 🗆	
6. In your opinion, was this Course: a. Too short	b. Right lengh			c. Too l	ong 🖵	
7. How do you rate out of 10 about the overall program if 10 is maximum						
on Suggestions for improvisation of Certification Course Would like to have live projects  for mobile application						
Thank you! Please return this form to the coordinator						

Student Signature

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### Department of Computer Science & Engineering

### FEEDBACK ANALYSIS

### Certification Programme: "MOBILE APPLICATION DEVELOPMENT (SGCS82)"

No. of student	ts	Student Feedback Analysis			
	Excellent	Very Good	Good	Fair	
50	35	10	3	2	
50					
40	70%				
30			2		
20 -					
10 -		20%	COV		
0			6%	4%	
	Excellent	Very Good	Good	Fair	

### Action Report:

70 % of students were completely happy with the certification program, 20 % of students felt it was a very good program and 3% of students felt it was good & remaining 4 % of students felt it was a fair program

Student Feedback Analysis

### Action Taken:

The Feedback report which was collected from the students were sent to the principal and he would take necessary actions based on the comments and conduct more programs for the benefit of students.

Program Coordinator

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560 057 Professor & Head of the Department Computer Science Engineering Septhagiri College of Engineering Bangalore-57



THIS IS TO CERTIFY THAT

	24/1/2017 to 29/1/.	Certification Course on "	Mr/Ms
Engineering.	24/1/2017 to 29/1/2017 organized by The Department of (	Certification Course on "MOBILE APPLIACTION DEVELO	
)		OPMENT (SGCS82)" from	has participated in 5 days

COORDINATOR

HOD

PRINCIPAL S

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560 057

### THE BELLIEUE OF THE POLICE OF THE PROPERTY OF SUPTIME TO THE TO THE OF ENGINEERING



THIS IS TO CERTIFY THAT

24/1/2	Certificatio	. Mr/Ms_
24/1/2017 to 29/1/2017 organized by the Department of	Certification Course on "MOBILE APPLIACTION DEVEL	Z.
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100000	0	
Computer Science and	PMENT (SGCS82)" fro	has participated in 5 day.



COORDINATOR



Principal

PRINCIPAL

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560 057

### THE EVENT OF BUILDING SET OF STANDED TO THE WINDERS SUPPLIMENTAL SOURCE OF ENGINEERING



THIS IS TO CERTIFY THAT

24/1/20	Certification	Mr/Ms_
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ed by the Dep	PPLIACTION	**
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Computer Science and	PMENT (SGCS82)" F	has participated in 5 days
nce and	CS82)" from	ed in 5 days



COORDINATOR



Sapthagiri College of Engineering
Chikkasandra, Hesataghana Road,
Rangalore, Sec., 12 Road,

## THE STATE OF THE SOURTH SOURTH SOURTH SOURTH SOURTH SOURTH SOUTH SOURTH SOURTH SOURTH SOUTH SOUT SUPTIMICALISM GOULIGES OF ENGINEERING



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THIS IS TO CERTIFY THAT

CHITRA X

Certification Course on "MOBILE APPLIACTION DEVELOPMENT (SGCS82)" from has participated in 5 days

24/1/2017 to 29/1/2017 organized by the Department of Computer Science and

Engineering.

COORDINATOR



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### Department of Computer Science & Engineering

### POST EVENT REPORT ON CERTIFICATION COURSE

### "MOBILE APPLICATION DEVELOPMENT (SGCS82)"

Department of Computer Science & Engineering conducted Certification Course on "Mobile Application Development (SGCS82)" from 24th Jan 2017 to 29th Jan 2017.

- ◆ Objective of the Course: The five day course made the students to be familiar with the major concepts in Mobile Application Development which is a main platform for their career .CertificationCourse became the vital step to improve the knowledge of students.
- ♣ Resource Person: Prof Praveen Kumar K V, Associate Professor, SaIT, Bangalore.
- ♣ Duration of the course: Fivedays from 24th Jan 2017 to 29th Jan 2017.

Students attended the certification program. The course was successfully organized and carried out by Computer Science & Engineering department.

Speaker delivered talk and Hands on session on the following topics and the training program covered the following domains,

- 1. Brief Introduction to MAD
- 2. Introduction to J2ME
- 3. Organization of J2ME
- 4. J2ME Architecture
- 5. Socket Programming
- Mobile Application using RSS Feed
- 7. Hands-on sessions

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### Department of Computer Science & Engineering

### FEW SCREENSHOTS OF THE PROGRAM



Speaker Dr.Prazeen Kumar K V delivering conceptsSpeaker delivering concepts on Mobile On Socket Programming. Application Development.



Speaker guiding students in lab sessions

Coordinator

Principal

Santhagiri College of Engineering Chikkasandra, Hesaraghatta Road. Bangslore-560 057

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57

# ODD SEM 2016-17



### SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)

### Sapthagiri College of Engineering

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### ALUMNI FEEDBACK ON CURRICULUM

We shall be thankful if you can spare some of your valuable time to fill up this feedback form and give us valuable suggestions for further improvement of the College. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of our Institution. Rate the adequacy of following as they were during your tenure as a student.

Year of Passing	2015	
Branch	Chethan Keimox SK	
Name	CSE	
Status: Work/Study	LIGH	
Phone no	9448068522	

Rate the curriculum/syllabus on the following Points

SL	Statements	Excellent	Very good	Good	Average	Below Average
NO	NO		4	3	2	1
1	When you compare yourself with other counterparts from other Institution, you feel that you got most of all the facilities which is not available in other Institution	~	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	5-1 <b>5</b> Tu	n i jen	
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives)	/				
3	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution					
4	How do you rate the learning experience in terms of their relevance to the real life application	V.				
5	Ability to work in teams	1/				
6	Ability to link theory to practice	1/				
7	How do you rate the course/curriculum content that you have learnt in relation to your current job	V				
8	Compatibility with industry standards	V				

Suggestions:

Signature

rincipal

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### FACULTY FEEDBACK ON CURRICULUM

This quest onnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution

Academic Year	15-16
Branch	Computer Science.
Name of the Faculty	Ragini Krushra
Designation	A.P
Subject/Sub. Code	Tomputer Network

Rate the curriculum/syllabus on the followin

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
NO		5	4	3	2	1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?					
2	Is the curriculum suffcient to bridge the gap between industry standards /current global scenarios and academics?	/				
3	Is the timely coverage of curriculum possible in the mentioned number of hours?		/			
4	Suffcient reference material and books are available for the topics mentioned in the curriculum?		/			
5	The evaluation methods mentioned in the curriculum are sufficient for providing proper assessment?		1			NIE.
6	Curriculum is suitable to the course	DO DE ST	/	Market 1	MI PE	
7	The curriculum/course of this subject increased my knowledge and perspective in the subject area		1			

		_	
	0	2	
	1	10	1
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Suggestions: Need secent benek in networking Image proceeding.

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### STUDENTS FEEDBACK ON CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2015-16
Branch	CSE
Name of the Student	Chaitga C Mouli
USN	15G12CS022

Rate the curriculum/syllabus on the following Points

SL	Statements	Excellent	Very good	Good	Average	Below Average
NO		5	4	3	2	1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?					
2	How do you rate the allocation of the credits to the courses?	/				HAR
3	Relevance for implementation in projects			/		
4	How do you rate the electives offered in relation to the technological advancements?		/			
5	How do rate the evaluation scheme designed for each of the course?			1		
6	How do you rate the percentage of courses having LAB components?		/			
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution		/			
8	Suggestions (if any)	Requis	re d	ligita On	lized	gen

Signature

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### Department of Computer Science & Engineering

### **CIRCULAR**

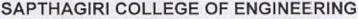
Date: 21/05/2016

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2016-17. The meeting is scheduled on 23/05/2016 at 1.30 PM in HODs chamber.

SI No.	Faculty Name	Designation.	Signature
1.	Dr. PRASHANTH C M	HOD	Q/
2.	Prof. MADHUSHREE	Assistant Professor	M
3.	Prof. LATHA A	Assistant Professor	A
4.	Prof. VEENA K R	Assistant Professor	Lleb
5.	Prcf. ANURADHA BADAGI	Assistant Professor	100B

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangatore- 560 057 Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
Bangalore-57





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### Department of Computer Science & Engineering

Date: 23/05/2016

### MINUTES OF MEETING

With reference to circular dated on 21/05/2016, the academic committee member assembled in HODs chamber for addressing the following agenda.

### Agenda:

- Reviewing the analysis of department curriculum syllabus of Academic Year 2016-2017.
- Reviewing the feedback analysis of various stake holders of the academic year 2015-2016.
- Identifying the gaps in the syllabus
- · Action to be taken for the identified gaps.

During the meeting the following members were present

SI No.	Faculty Name	Designation .	Signature
1.	Dr. PRASHANTH C M	HOD .	QV
2.	Prof. MADHUSHREE	Assistant Professor	M
3.	Prof. LATHA A	Assistant Professor	*
4.	Prof. VEENA K R	Assistant Professor	Ull
5.	Prof. ANURADHA BADAGI	Assistant Professor	OB

The following points were discussed in the meeting

- 1. The committee members reviewed the analysis of department curriculum syllabus.
- The committee members discussed about the feedback analysis of department curriculum syllabus.
- 3. The members identified the gaps based on the analysis.
- The following actions were taken for the gaps that are identified.

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SL.NO	SEM	Course Title	Identified Gap
1	VI-A/B	COMPUTER GRAPHICS AND VISUALIZATION(10CS65)	Lack of practica implementation of handling the images.
2	VII-A/B	PROGRAMMING THE WEB(10CS73)	Lack of practical implementation of advanced web designing concepts.

### Action Taken:

Based on the feedback obtained from Students, Faculties, Alumni and employer and analysis of syllabus by department academic committee members, it was decided to conduct certification courses on "IMAGE PROCESSING IN MATLAB (S

GCS71)" and "MOBILE APPLICATION DEVELOPMENT (SGCS82)" to overcome the gaps identified in the curriculum/syllabus.

Principal

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Bar (Store- 569 057

HOD, CSE

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57



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### Department of Computer Science & Engineering

Date: 24-05-2016

To

IQAC Coordinator Sapthagiri College of Engineering Bengaluru-560 057

Respected Sir / Madam,

Subject: Requisition for conduction of certification courses and approval from Governing Council.

With respect to the Academic committee members meeting held for analyzing cepartment curriculum/syllabus for the academic year 2016-17. The committee members identified few gaps after analyzing the syllabus and feedback from the stakeholders. To bridge the gaps identified in the curriculum, the committee members decided to conduct certification courses on "IMAGE PROCESSING IN MATLAB (SGCS71)" from 18.07.2016 to 22.07.2016 and MOBILE APPLICATION DEVELOPMENT (SGCS82)" from 24.01.2017 to 29.01 2017, for the academic year 2016-17. So, I recuest you to forward and get the approval from the governing council for the same.

Thanking You,

Enclosure: Budget Proposal.

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Bangalore-560 057

HOD
Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
Bangalore-57



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### Department of Computer Science & Engineering

Date: 24-05-2016

To,

THE IQAC Coordinator Sapthagiri College of Engineering Bangalore - 560057.

Respected Sir / Madam,

Subject: Budget Proposal for conduction of certification program on "IMAGE PROCESSING IN MATLAB (SGCS71)"

The Budget Proposal for conduction a certification program on "IMAGE PROCESSING IN MATLAB (SGCS71)" from 18/07/2016 to 22/07/2016 is hereby enclosed for your kind consideration and approval.

The details of the Recurring budget are given as follows:

### Recurring Amount:

SI. No.	Description	Quantity	Amount in Rs.
1	Bouquet	2	400
2	Certificates	Students	2000
3	Others		950
	To	tal	3250

Principal

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### Department of Computer Science & Engineering

Date: 07-07-2016

### CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 08/07/2016 at 10.30AM in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "IMAGE PROCESSING IN MATLAB (SGCS71)".

SI No.	Faculty Name	Designation	Signature
1.	Dr. PRASHANTH C M	HOD	(D)
2.	Prof. MADHUSHREE	Assistant Professor	· m
3.	Prof. LATHA A	Assistant Professor	de
4.	Prof. VEENA K R	Assistant Professor	Lill
5.	Prof. ANURADHA BADAGI	Assistant Professor	COB

Principal

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### Department of Computer Science & Engineering

Date: 07/07/2016

To,

Prof. Hemalatha K L, Sri Krishna Institute of Technology, Bangalore - 560057.

Respected Madam,

Subject: Invitation as a "Guest Speaker" in certification program and to attend meeting to discuss about the certification program.

Department of Computer Science & Engineering have planned to conduct a certification program titled "IMAGE PROCESSING IN MATLAB (SGCS71)" for 7<sup>th</sup> semester students from 18/07/2016 to 22/07/2016. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

Thanking you for your kind acceptance to our request on phone. We request you to attend the meeting to discuss about the conduction of certification course on 08/07/2016 at 10:30AM. We look forward to welcome you at SCE.

Thanking you

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560 057 Yours faithfully

НОВ

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57





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# Department of Computer Science & Engineering

### Minutes of Meeting

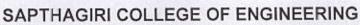
A meeting was conducted on 08-07-2016 in CSE HOD's Chamber to discuss and approve the syllabus & schedule of the 5 days Certification Course for VII semester CSE Students.

- Course Title: "IMAGE PROCESSING IN MATLAB (SGCS71)".
- Resource Personnel: Prof. HEMALATHA K L, Associate Professor, SKIT, Bangalore.
- Course Duration & Date: 5 Days from 18/07/2016 to 22/07/2015.

### Syllabus & Schedule of the certification program

DATES	SESSION 1 (8:30AM TO 10:30AM)	SESSION 2 (11:00AM TO 12:30PM)	SESSION 3 (1:30PM TO 4:00PM)
18/07/16 MONDAY	Introduction to the Image Processing Working with Images in MATLAB  Image types Importing and exporting images Displaying images Finding image characteristics Converting image formats	Applying Image Enhancement Techniques  • Adjusting image intensity  • Enhancing images using arithmetic operations  • Correcting image alignment -Rotating images  • Cropping and resizing images	Hands-on demonstration Applying mage Enhancement Techniques
19/7/16 TUESDAY	Filtering Images  Microsoft  Block processing  Image convolution and correlation  Spatial domain filtering  Frequency domain filtering	Image Restoration Techniques Security  Reducing noise Deblurring images Correcting background illumination	Hands-on demonstration Filtering Images

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Department of Computer Science & Engineering

Depart	ment of Compute	r Science & Engir	Hands-on
20/07/16 WEDNESDAY	Feature Extraction Using Segmentation and Edge Detection Image thresholding Edge detection Transforms Morphological segmentation Color-based image segmentation Watershed segmentation	Image Registration and Image Reconstruction  Basics of image registration  Basics of object reconstruction  Morphological reconstruction	demonstration of - Feature Extraction Using Segmentation and Edge Detection
21/07/16 THURSDAY	Digital image Representation  Converting Between data classes and Image Types Introduction to M Function Programming using MATLAB	Image Enhancement in the Spatial Domain  Some basic Gray Level Transformations Histogram Processing	Hands-on demonstration of to M Function Programming using MATLAB Hands on Computing and Visual zing
22/07/18 FRIDAY	Image Enhancement in the Spatial Domain (cont.):  • Enhancement  Using Arithmetic and Logic operations  Combining Spatial Enhancement  • Methods Basics of Spatial Filters	Image Enhancement in the Frequency Domain:  Introduction to Fourier Transform and the frequency Domain  Computing and Visualizing the 2D DFT (MATLAB)	Hands on Computing and Visua izing the 2D DFT (MAT_AB) Test conduction

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Department of Computer Science & Engineering
The following members were present in the meeting and the syllabus and lesson plan for the certification program has been decided.

Faculty Name	Designation	Signature
Dr. PRASHANTH C M	HOD	
Prof. MADHUSHREE	Assistant Professor.	N
Prof. LATHA A	Assistant Professor	A
Prof. VEENA K R	Assistant Professor	Ill
Prof. ANURADHA BADAGI	Assistant Professor	1008
Prof. HEMALATHA K L	Guest Speaker	Harraloth
	Dr. PRASHANTH C M Prof. MADHUSHREE Prof. LATHA A Prof. VEENA K R Prof. ANURADHA BADAGI	Dr. PRASHANTH C M  Prof. MADHUSHREE  Assistant Professor  Prof. LATHA A  Assistant Professor  Prof. VEENA K R  Assistant Professor  Prof. ANURADHA BADAGI  Assistant Professor

Principal

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# Department of Computer Science & Engineering CIRCULAR

The department of Computer Science and Engineering is Conducting 5 days Certification Course on <u>IMAGE PROCESSING IN MATLAB (SGCS71)</u> for 7<sup>th</sup> semester students from 18<sup>th</sup> July 2016 to 22<sup>th</sup> July 2016.

Hence hereby informing all seventh semester students to attend the Certification Program Compulsorily.

Co-ordinator

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HOD

Professor & Head of the Dena ment Computer Science Engineering Sapthagiri College of Engineering Bangalore-57

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College of Engineering

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### Department of Computer Science & Engineering

### STUDENTS ENROLLED IN 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB (SGCS71)"

### 2016-17

Sl.No.	USN	Name	Signature
1.	SG11CS100	HEMASHREE.S	fromal
2.	ISG12CS013	ASHOK SUTHAR	fishold suther
3.	1SG12CS025	CHANDAN KUMAR	Maude
4.	1SG12CS049	LAVANYA S	Lavanga
5.	18G12CS051	MAHESH .S.G	MaheshSi
6.	1SG12CS087	RAJEEV KUMAR	Roy
7.	1SG12CS088	RAJESH KUMAR	Rajesh kumar
8.	1SG13CS001	ABHILEKH KUMAR	Abher
9.	1SG13CS004	ADITYA NATH SINGH	_singh
10.	1SG13CS005	AISHWARYA.J	Aichwaryon. J
11.	1SG13CS006	AISHWARYA C	dishway
12.	1SG13CS007	AISHWARYA N R	Airha
13.	ISG13CS009	AKSHATA MANJUNATH HEGDE	Alexander
14.	1SG13CS010	AKSHATHA R	Akshatha.R
15.	1SG13CS011	AKSHATHA S HEGDE	AKshortha Stigle.
16.	1SG13CS012	AKSHAY V MADALGI	Abelon
17.	1SG13CS013	ALISHA RAJ	Alisha Raj/:
18.	1SG13CS014	AMRISHAN SHAREEF S	Spring
19.	1SG13CS015	ANKIT ABHINAV	Ankit.
20.	1SG13CS016	ANKITA/BHARATI	Awall
21.	1SG13CS018	ARNAV ASIIU	Asnash

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22.	1SG13CS020	ASHA T N	die
23.	1SG13CS021	ASHRITHA SHETTY S	Adur 1882
24.	1SG13CS022	ASHWINI SHARMA	Asherral
25.	1SG13CS023	ATUL KUMAR SINGH	Adul.
26,	1SG13CS024	AVINASH KUMAR	Arrushtimas
27.	1SG13CS025	NARASIMHAN B L	spesindra
28.	1SG13CS026	BHAGYASHREE M	Bhagua
29.	1SG13CS027	BIPIN KUMAR	Bioin Kumas
30.	1SG13CS028	BRUNDA M	Bernela. PC
31.	1SG13CS029	CHAITHRA S	mailea S
32.	1SG13CS030	CHAITHRA SHREE B	Chaithra 13
33.	1SG13CS031	CHETHAN S HUGAR	Chethan
34.	1SG13CS032	CHITRA K	Butnak.
35.	1SG13CS033	DARSHAN M U	Dovor.
36.	1SG13CS034	DARSHAN P SWAMY	Doestan.
37.	1SG13CS035	DEEPA SHREE G	Daforshul
38.	1SG13CS036	DEEPAK KUMAR GUPTA	Deepak Deepak
39.	1SG13CS037	DEEPAK M	Dra-
40.	1SG13CS038	DEEPESH JHA	Deepeeh
41.	1SG13CS039	DHANUJA G	Dan.
42.	1SG13CS040	DIVYA SINGH	Divsa
43.	1SG13CS041	DIVYA V	Tive
44.	1SG13CS043	FLORA Y	Thous
45.	1SG13CS044	G N SRIRANGA	G. N. Samong
46.	1SG13CS045	SURAJHR	9-6-3

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47.	1SG13CS046	HARMINDER RAINA	Farming
48.	1SG13CS047	HARSHITHA M B	Hashy
49.	1SG13CS048	HEMANTH R	hennu
50.	1SG13CS049	HIMANSHU VERMA	1 Frem
51.	1SG13CS050	INDU K	
52.	1SG13CS051	JANANI M A	adani
53.	1SG13CS052	KAILASH KUMAR	Leilard magr
54.	1SG13CS054	KAVYA P	Har.
55.	1SG13CS055	KEERTI M HEGDE	Keete
56.	1SG13CS056	KRUTHIKA R	Kauthitoll
57.	1SG13CS057	KSHITIJ SETH	Kehnehell
58.	1SG13CS058	LIKHITH C	LEIGHT.@
59.	1SG13CS060	MAIZNA SHARIFE	Marza
60.	1SG13CS061	MANASH KUMAR	Vare
61.	1SG13CS062	MAYURI PRIYA	roguni.P
62.	1SG13CS064	NAMRATHA S HEGDE	Warren
63.	1SG13CS065	NEETU S	Nectu. S
64.	1SG13CS066	NIDA FAZEELATH	Atiolon
65.	1SG13CS067	NIVEDA G	Nand
56.	1SG13CS069	PALLAVI.P	PPELL
57.	1SG13CS070	POOJA G BHAT	Porfur.
58.	1SG13CS071	PRAGYA	Pagyer
69.	1SG13CS072	PRATHIKSHA B	Protegnas.
70.	1SG13CS128	AMOGHN N KULKARNI	Andulhar
71.	1SG13CS131	NIDHI SINGH	Widha

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72.	1SG13CS132	ARCHANA SINHA	Archana Binh
73.	18G13CS133	GINIA DEY	Ginia
74.	1SG10CS062	RANJITHA .C	varia.
75.	1SG11CS093	VIJAY YATHIN KUMAR	Vilay
76.	1SG11CS102	SYED MUSTAQEEM	Mustaqueen
77.	1SG13CS413	SANGAYYA HIREMATH	Saugarya.
73.	1SG13CS421	VEDA KUMAR B.H	(Veda
79.	1SG13CS074	PREETHAM REDDY G	Deetham
80.	1SG13CS075	PREETHI P	Treemif.
81.	1SG13CS076	PREETHI SRI B S	Robertus
82.	1SG13CS077	SUSHMA R	Sushma. R
83.	1SG13CS080	RAHUL KUMAR SINGH 2	Rahuf
84.	1SG13CS081	RAJAT GAUTHAM	Rajatt hautam
85.	1SG13CS082	RAKESHA R S	Parton.
86.	1SG13CS084	RANJITHA K T	Ranjoher KT
87.	1SG13CS085	RAVI ROSHAN	Ravi Rochsun
38.	1SG13CS086	RISHABH ANAND	Rishabh Anan
89.	1SG13CS087	ROHIT KUMAR	Kahit
90.	1SG13CS089	SUPRIYA S	Buonys.
91.	1SG13CS091	SAKSHI PANDEY	Father ander
92.	1SG13CS092	SANGEETHA SHARMA	Semgestignal
93.	1SG13CS093	SANJANA A R	Sanjana
94.	1SG13CS094	SANT RAJ	Sand Red
95.	1SG13CS096	SATYAM KUNIAR SUMAN	(30_

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### Department of Computer Science & Engineering

≘6.	1SG13CS097	SHAMEEM AHAMAD	SPATEM
97.	1SG13CS098	SHANTANU KUMAR	Shantanes
98.	1SG13CS099	SHANU SINGH	Shannbergh,
99.	1SG13CS100	SHARAD CHAND	Should Clared
100	1SG13CS101	SHASHANK SHEKHAR	Shashank.
101	1SG13CS103	SHIVANI M PARIKH	Shivous dirkh.
102.	1SG13CS104	SHIVASHREEN	shiroshree.N.
103.	1SG13CS105	SHREYAS ATHREYA	Should
104.	1SG13CS106	SIDHARTH SHRIVASTAVA	Sidharth
105.	18G13C8107	SINDHU R	CEndhu-R
106.	1SG13CS108	SNEHA KUMARI GUPTA	Endo fupla
107.	18G13CS110	SOWMYA S VISHWA BRAHMIN	Source
108.	1SG13CS111	SUBHASHIS BISWAS	Suchashis-
109.	1SG13CS113	SUJUTH G U	Sujutte-GU
110.	1SG13CS114	SUMANTHA A S	Surrantha AS
111.	1SG13CS115	SUNITHA SUNDARAH	Suntha
11ā.	1SG13CS116	SUPREETH K	Subrecth K
113.	1SG13CS117	SUSHANT KUMAR	Sushont kuman
114.	1SG13CS118	SUSHMA S	Suema.s.
115.	ISG13CS120	TAPAS KUMAR DHAR	Tapas Kumay.
116.	1SG13CS121	TARANGI D JADAV	Trou Mis
117.	1SG13CS122	TEJASWINI S	Tojasnenins
113.	18G13CS123	VIDYA SAGAR	Vidyerragar
119.	1SG13CS125	VIKASH KUMAR	1/2/2018

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121.	1SG13CS129	SHALINI .V	Shalini
122.	1SG13CS130	SUROJEETH KUMAR	Sursieus
123.	13G13CS134	PAVITHRA P.U	Parthra, P. U
124.	18G13CS135	SHRISTI KESHRI	Khristi
125.	1SG14CS400	ABULAISH ANSARI	Autullate
126.	1SG14CS401	AKSHAY K	Jahay X
127.	1SG14CS402	ANITHALAKSHMI, C	idnithalah
128.	1SG14CS403	ANNAPPA V	Annappa
129.	ISG14CS406	BHARATH R	Blands
130.	1SG14CS407	DHRUVA KUMARA B Y	)hrura_
131.	SG14CS409	KALPANA K	Kalpang
132.	SG14CS410	M. SHRILAKSHMI	ShriLaksh
133.	1SG14CS411	MADHUSUDHAN K	Kradhw
134.	1SG14CS412	NAGAMALLESHWARI	Nacamatichion
135.	1SG14CS413	NANDINI R	Nancline R.
136.	1SG14CS414	NANDINI S	Nant
137.	1SG14CS416	NUTHAN T.K	nuthan
138	SG14CS417	RAMYA .J	Pans
139.	1SG14CS418	S K ROHITH MURTHY	ROLL
140.	1SG14CS419	ROOPA H.V	Po
141.	1SG14CS422	SOUMYA	Evenya.

Co-ordinator

Principal Sapthegiri College of Engineering

Chikkasandra, Hesaraghatta Porticipal

Professor & Head of the Department Bangalore 500 057 College of Engineering Childrendra, Hesaraghatta Food, Bangalore Engineering Bangalore-57 Bangalore-560 057



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### Department of Computer Science & Engineering

### 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB

(SGCS71)"

### ATTENDANCE

SI.No.	USN	Name	18/	7/16	19/	7/16	20/7	7/16	21/	7/16	22/	7/16	Test
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1.	1SG11CS100	HEMASHREE .S	0	0	1	2	3	4	5	6	7	8	P
2.	1SG12CS013	ASHOK SUTHAR	0	0	1	2	3	ų	5	6	7	8	P
3,	1SG12CS025	CHANDAN KUMAR	0	1	2	3	4	5	6	7	8	9	P
4.	1SG12CS049	LAVANYA S	0	0	1	2	3	4	5	6	7	8	P
5.	1SG12CS051	MAHESH .S.G	0	1	2	3	u	5	6	7	8	9	P
6.	1SG12CS087	RAJEEV KUMAR	0	0		2	3	4	5	-6	7	8	P
7.	1SG12CS088	RAJESH KUMAR	0	1	2	3	4	5	6	7	8	9	P
8.	1SG13CS001	ABHILEKH KUMAR	(	2	3	4	5	6	7	8	9	10	P
9.	1SG13CS004	ADITYA NATH SINGH	1	2	3	4	5	6	7	8	9	10	P
10.	1SG13CS005	AISHWARYA.J	1	2-	3	4	5	6	7	8	9	10	P
11.	1SG13CS006	AISHWARYA C	1	2	3	4	13	6	7	8	9	10	P
12.	1SG13CS007	AISHWARYA N R	1	2	3	4	5	6	7	8	9	10	P
13.	1SG13CS009	AKSHATA MANJUNATH HEGDE	1	2	3	4	4	5	6	7	8	9	P
14.	1SG_3CS010	AKSHATHA R	1	2	3	3	4	5	6	7	8	9	P
15.	1SG13CS011	AKSHATHA S HEGDE	1	2	3	4	5	6	7	8	9	10	P
16.	1SG13CS012	AKSHAY V MADALGI	1	2	3	4	5	6	F	8	9	10	P
17.	1SG13CS013	ALISHA RAJ	0	1	2	3	4	5	6	7	8	4	P
18.	1SG13CS014	AMRISHAN SHAREEF S	31	2-	3	4	5	6	7	8	9	le	P

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19.	1SG13CS015	ANKIT ABHINAV	1	2	3	4	4	5	6	7	8	9	P
20.	1SG13CS016	ANKITA BHARATI	1	2	3	4	5	6	7	8	9	lo	P
21.	1SG13CS018	ARNAV ASHU	1	2	3	4	4	5	6	7	8	9	P
22.	1SG13CS020	ASHA T N	1	2	3	4	5	6	7	8	9	10	P
23.	18G13CS021	ASHRITHA SHETTY S	1	2	3	4	5	C	1	8	9	10	P
24.	1SG13CS022	ASHWINI SHARMA		2	3	4	5	S	7	8	9	10	P
25.	1SG13CS023	ATUL KUMAR SINGH	1	2	3	4	5	6	7	3	9	to	P
26.	1SG13CS024	AVINASH KUMAR	1	2	3	4	5	6	7	8	9	10	P
27.	1SG13CS025	NARASIMHAN B L		2	3	4	0	6	7	8	9	(0)	P
28.	1SG13CS026	BHAGYASHREE M	1	2,	3	4	5	6	7	8	9	6	P
29.	1SG13CS027	BIPIN KUMAR	I	2	3	10	5	6	I	8	9	19	P
30.	1SG13CS028	BRUNDA M	1	2	3	4	5	6	7	8	9	10	P
31.	1SG13CS029	CHAITHRA S	1	2	3	LP	5	r	7	8	9	to	P
32.	1SG13CS030	CHAITHRA SHREE B	1	2	3	4	C	6	7	8	9	60	P
33.	1SG13CS031	CHETHAN S HUGAR	0	1	2	3	4	5	6	8	9	63	P
34.	1SG13CS032	CHITRA K	1	2	3	Lp	5	C	7	8	9	to	P
35.	18G13CS033	DARSHAN M U	,	2	3	4	ę	6	7	8	9	10	P
36.	1SG13CS034	DARSHAN P SWAMY	1	2	3	4	5	6	1	8	9	b	ρ
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43.	1SG13CS041	DIVYA V	1	2	3	4	5	6	7	B	9	10	P
44.	1SG13CS043	FLORA Y	1	2	3	4	5	6	2	8	9	lo	P
45.	1SG13CS044	G N SRIRANGA	1	2	3	4	5	6	2	8	9	lo	P
46.	1SG13CSC45	SURAJ H R	1	2	3	4	4	5	6	7	8	9	P
47.	1SG13CS046	HARMINDER RAINA	1	2	3	4	5	6	2	8	9	lo	Р
48.	1SG13CS047	HARSHITHA M B	1	2	3	4	4	5	6	7	8	9	P
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50.	1SG13CS349	HIMANSHU VERMA	0	1	2	3	4	5	6	7-	8	9	P
51.	1SG13CS050	INDU K	1	2	3	4	5	6	7	8	9	10	P
52.	1SG13CS051	JANANI M A	1	2	3	4	5	6	I	8	9	10	P
53.	1SG13CS052	KAILASH KUMAR	1	2	3	4	5	6	7	8	9	10	P
54.	1SG13CS054	KAVYA P	1	2	3	4	5	6	I	8	9	10	P
55.	1SG13CS055	KEERTI M HEGDE	1	2	3	4	5	6	T	8	9	to	P
56.	1SG13CS056	KRUTHIKA R		2	3	4	5	6	7	8	9	10	P
57.	18G13C5057	KSHITIJ SETH	1	2	3	4	5	6	7	8	9	10	P
58.	1SG13CS058	LIKHITH C	1	2	3	4	5	6	7		9	10	P
59.	1SG13CS060	MAIZNA SHARIFE	-	2	3	4	5	6	7	8	q	[0	Р
60.	1SG13CS061	MANASH KUMAR	1	2	3	4	5	C	4	8	q	(0)	P
61.	1SG13CS062	MAYURI PRIYA	1	2	3	4	5	6	7	8	9	10	P
62.	1SG13CS064	NAMRATHA S HEGDE	1	2	3	4	5		Ŧ	8	9	lo	P
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67.	SG13CS070	POOJA G BHAT	1	2	3	4	5	6	7	8	9	10	P
68.	1SG13CS071	PRAGYA	1	2	3	4	5	6	7	8	9	10	P
69.	1SG13CS072	PRATHIKSHA B	1	2	3	4	5	6	1	8	9	10	P
70.	1SG13CS128	AMOGHN .N. KULKARNI	0	1	2	3	4	5	6	7	- 8	9	P
71.	1SG13CS131	NIDHI SINGH	1	2	3	4	5	6	7	8	9	10	P
72.	18G13CS132	ARCHANA SINHA	1	2	3	4	5	6	7	8	9	10	P
73.	18G13CS133	GINIA DEY	1	2	3	4	5	6	7	8	9	10	P
74.	18G10CS062	RANJITHA .C	1	2	3	4	5	6	Ŧ	8	9	10	P
75.	1SG11CS093	VIJAY YATHIN KUMAR	1	2	3	3	4	5	6	J-	8	9	P
76.	1SG11CS102	SYED MUSTAQEEM	1	2	3	3	4	5	6	7	8	9	P
77.	1SG .3CS413	SANGAYYA HIREMATH	1	2	3	4	5	5	6	7	8	9	P
78.	18GI3C8421	VEDA KUMAR B.H		2	3	4	5	6	7	8	9	10	P
79.	15G13CS074	PREETHAM REDDY G	1	2	3	4	5	6	7	B	9	lo	Р
80.	18G13C8075	PREETHI P	1	2	3	4	5	6	7	B	9	10	P
81.	1SG13CS076	PREETHI SRI B S	1	2	3	4	5	6	7	8	9	10	P
82.	1SG_3CS077	SUSHMA R	1	2	3	4	5	6	コ	8	9	10	P
83.	1SG13CS080	RAHUL KUMAR SINGH 2	1	2	3	4	5	6	7	E	9	10	P
84.	1SC13CS081	RAJAT GAUTHAM	1	2	3	4	5	6	7	6	9	10	P
85.	1SG13CS082	RAKESHA R S	1	2	3	4	5	6	I	8	9	10	P :
86.	ISGI3CS084	RANJITHA K T	1	2	3	4	5	6	4	8	9	10	P
87.	1SG13CS085	RAVI ROSHAN	1	2	3	4	5	6	7	4	9	10	P
88.	1SG13CS086	RISHABH ANAND	١	2	3	4	5	6	7	8	9	10	P
89.	1SG13CS087	ROHIT KUMAR	1	2-	3	4	5	В	7	8)	9	10	P
90.	1SG13CS089	SUPRIYA S	1	2	3	4	5	6	7	18	9	10	P
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# Department of Computer Science & Engineering 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN

### MATLAB (SGCS71)"

### TEST TIME TABLE

SL.NO	DATE / DAY	TIMINGS
1.	22/7/2016	4:00PM- 5:00PM
	FRIDAY	

Co-ordinator

Principal

Sapthagiri College of Engine Professor & Head of the Department Chikkasandra, Hesaraghatta Ro@mputer Science Engineering Saptnag ri College of Engineering Bangalore-560 057

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# Department of Computer Science & Engineering 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB

(SGCS71)"

### **QUESTION PAPER**

1.	A continuous image is digitised at points.
	a) random
	b) vertex
	c) contour
	d) sampling ·
2.	The transit on between continuous values of the image function and its digital equivalent is called
	a) Quantisation
	b) Sampling
	c) Rasterisation
	d) None of the Mentioned
3.	Images quantised with insufficient brightness levels will lead to the cocurrence of
	a) Pixillation
	b) Blurring
	c) False Contours
	d) None of the Menticned
4	The smallest discounible shows in interest and in 1914
4.	The smallest discernible change in intensity level is called
	a) Intensity Resolution
	b) Contour
	c) Saturation
	d) Contrast
5.	
	a) Sampling
	b) Interpolation
	c) Filters
	d) None of the Mentioned
6.	The type of Interpolation where for each new location the intensity of the immediate pixel is assigned is
	a) bicubic interpolation
	b) cubic interpolation
	c) bilinear interpolation
	d) nearest neighbour interpolation

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	Department of Computer Science & Engineering
1.	The type of Interpolation where the intensity of the FOUR neighbouring pixels is used
	to obtain intensity a new location is called
	a) cubic interpolation
	b) nearest neighbour interpolation
	c) bilinear interpolation
	d) bicubic interpolation
8.	Dynamic range of imaging system is a ratio where the upper limit is determined by
	a) Saturation
	b) Noise
	c) Brightness
	d) Contrast
9.	For Dynamic range ratio the lower limit is determined by
	a) Saturation
	b) Brightness
	c) Noise
	d) Contrast
10.	Quantitatively, spatial resolution cannot be represented in which of the following
	ways
	a) line pairs
	b) pixels
	c) dots
	d) none of the Mentioned
11.	To avoid the negative values taking absolute values in lapacian image doubles
	a) thickness of lines
	b) thinness of lines
	c) thickness of edges
	d) thinness of edge
12	. One that is not field of x-ray band

- a) industry
- b) astronomy
- c) radar
- d) medical diagnoses
- 13. Gaussian noise is referred to as
- a) red noise
- b) black noise
- c) white noise
- d) normal noise

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- Convolution in special domain is multiplication in
- a) frequency domain
- b) time domain
- c) spatial domain
- d) plane
- 15 Linear functions possesses property of
- a) additivity
- b) homogeneity
- c) multiplication
- d) Both A and B
- 16. PDF in image processing is called
- a) probability degraded function
- b) probability density function
- c) probabilistic degraded function
- d) probabilistic density function
- 17. Filter that replaces pixel value with medians of intensity levels is
- a) arithmetic mean filter
- b) geometric mean filter
- c) median filter
- d) sequence mean filte:
- 18. In expression  $s = T_b$ ,  $T_r$ , in range 0 = < r = < L-1 is the
- a) strictly monotonically increasing function
- b) monotonically increasing function
- c) monotonically decreasing function
- d) strictly monotonically decreasing function
- 19. High pass filters promotes
- a) low intensity components
- b) mid intensity components
- c) high intensity components
- d) all components

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- 20. Correction of power law response is called
- a) alpha correction
- b) gamma correction
- c) beta correction
- d) pixel correction
- 21. Inverse of log function in image processing is
  - a) nth power
  - b) nth log
  - c) inverse log
  - d) identity
- 22. Gradient computation equation is
  - a) |Gx|+|Gy|
  - b) |Gx|-|Gy|
  - c) |Gx|/|Gy|
  - d) |Gx|x|Gy|
- 23. For finding horizontal lines we use mask of values
  - a) [-1 -1 -1; 2 2 2; -1 -1 -1]
  - b) [2-1-1;-12-1;-1-12]
  - c) [-1 2 -1; -1 2 -1; -1 2 -1]
  - d) [-1 -1 2; -1 2 -1; 2 -1 -1]
- 24. If inner region of object is textured then approach we use is
  - a) discontinuity
  - b) similarity
  - c) extraction
  - d) recognition
- 25. Fourier transform of unit impulse at origin is
  - a) undefined
  - b) infinity
  - c) 1
  - d) 0

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2.	Prof. MADHUSHREE	Assistant Professor	M
3.	Prof. LATHA A	Assistant Professor	de
4.	Prof. VEENA K E.	Assistant Professor	Ill
5.	Prof. ANURADH4 BADAGI	Assistant Professor	000
6.	Prof . HEMALATHA K L	Guest Speaker ·	Hursell

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### Department of Computer Science & Engineering 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB

(SGCS71)"

### **SCHEME**

1. Answer: d

Explanation: The sampling points are ordered in the plane and their relation is called a Grid.

Answer: a

Explanation: The transit on between continuous values of the image function and its digital equivalent is called Quant sation.

3. Answer: c

Explanation: This effect arises when the number brightness levels is lower that which the human eye can distinguish.

4. Answer: a

Explanation: Number of bits used to quantise intensity of an image is called intensity resolution.

Answer: b

Explanation: Interpolation is the basic tool used for zooming, shrinking, rotating, etc.

Answer: d

Explanation: Its called as Nearest Neighbour Interpolation since for each new location the intensity of the next neighbouring pixel is assigned.

Answer: b

Explanation: Bilinear interpolation is where the FOUR neighbouring pixels is used to estimate intensity for a new location.

8. Answer: a

Explanation: Saturation is taken as the Numerator.

9. Answer: c

Explanation: Noise is taken as the Denominator.

10. Answer: d

Explanation: All the options can be used to represent spatial resolution.

11. Answer: d

Explanation: thickness of lines.

12. Answer:c

Explanation: radar

13. Answer:d

Explanation: normal noise

14. Answer:a

Explanation: frequency domain

15. Answer:d

16. Answer:b

17. Answer:c

18 Ancwers

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- 19. Answer:c
- 20. Answer:b
- 21. Answer:d
- 22. Answer:a
- 23. Answer:a
- 24. Answer:b
- 25. Answer:c

### Approved by Academic Committee Members & Guest Speaker

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1.	Dr. PRASHANTH C M	HOD	Ca
2.	Prof. MADHUSHREE	Assistant Professor	m
3.	Prof. LATHA A	Assistant Professor	A
4.	Prof. VEENA K R	Assistant Professor	Cel
5.	Prof. ANURADHA BADAGI	Assistant Professor	me .
6.	Prof. HEMALATHA K L	Guest Speaker	Jones J.

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Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

Name: MADHUTUDHAN K						
USN: 8614CS.41)						
1. Were all the communications satisfactory?	¥	2	3	4	5	
2. Hands on session were up to the mark.	1	2	3	4	5	
3. The Speaker was knowledgeable on the topic.	1	2	3	4	5	
4. I would be interested in attending a follow-up of this	s program. I	V	3	4	5	
5. Given the topic, was this Ccurse: a. Too short	F-21	ight lengh	•		c. Too	
long					0. 100	
6. In your opinion, was this Course: a. Too short	□ b. Ri	ght lengh			c. Too	
long					C. 100	
7. How do you rate out of 10 about the overall program	if 10 is maxim	um 8				
8. Any Suggestions for improve setion of			.,,,,			
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Thank you! Please return this						
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Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

Name: RAJAT GAUTHAN	1					
USN: 15413C5081	* 1-1/5					
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4. I would be interested in attending a	follow-up of this progr	ram. 1	2	3	4	5
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long						C. 100
6. In your opinion, was this Course:	a, Too short	b. Rig	ht lengh			c. Too
long	on the second part of					C. 100
7. How do you rate out of 10 about the	overall program if 10	is maximu	m 10			
8. Any Suggestions for improvisation	.011100	is maximu				
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Thank you! P	lease return this form	to the coo	ordinator			
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Sapthagiri College of Engineering

Gangalore-560 057

Chikkasandra, Hesaraghatta Road. Sapthegiri College of Engineering Chikkasandra, Hesarrghatta Road, Bangatora-560 057

# College of Engineering Creating Tommorow

### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057. Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in Phone:080-28 372800/1/2 Fax: 080-28 372797

## Department of Computer Science & Engineering

### Feedback Form

### 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB (SGCS71)"

Your feedback is critical to ensure us to check whether we are meeting your needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better in future.

	Name: AKSHATHA R					
	USN: 15413C5010					
	1. Were all the communications satisfactory?	X	2	3	4	5
	2. Hands on session were up to the mark.	1	2	3	4	5
	3. The Speaker was knowledgeable on the topic.	X	2	3	4	5
	4. I would be interested in attending a follow-up of this prog	ram. 1	2	3	4	5
	5. Given the topic, was this Course: a Too short		ght lengh			c. Too
	long					0. 100
	6. In your opinion, was this Course: a. Too short	b. Rig	ht lengh	Ø		c. Too
	long					0. 100
	7. How do you rate out of 10 about the overall program if 10	is maximu	m 8			
	8. Any Suggestions for improvisation of 100 courts					
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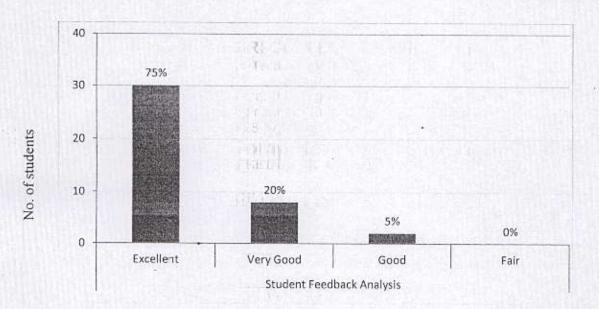
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### Department of Computer Science & Engineering

Certification Programme: "IMAGE PROCESSING IN MATLAB (SGCS71)"

No. of students participated	Student Feedback Analysis						
participated	Excellent(5)	Very Good(4)	Good(3)	Fair(2&1)			
40	* 30	8	2	0			



### Action Report:

75 % of students were completely happy with the certification program, 20 % of students felt it was a very good program and remaining 5 % of students felt it was a good program

### Action Taken:

The Feedback report which was collected from the students were sent to the principal and he would take necessary actions based on the comments and conduct more programs for the benefit of students.

Program Coordinator

Principal

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore- 560,057 нор

Professor & Head of the Department Computer Science Engineering Sapthagiri College of Engineering Bangalore-57

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

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PROCESSING IN MATLAB (SGCS71)" from 18	Certification
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COORDINATOR

HOD

PRINCIPAL
Principal
Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road, Bangatore- 560 057

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

Mr/Ms Certification Course on "5 DAYS CERTIFICATION COURSE ON "IMAGE KANYA 7 has participated in 5 days

PROCESSING IN MATLAB (SGCS71)" from 18/7/2016 to 22/7/2016 organized by the

Department of Computer Science and Engineering.

COORDINATOR

H-Q-

Principal

PRINCIPAL

Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road, Bangalore-560.057

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

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Department of Computer Science and Engineering.	NG IN MATES	Course on	VEDA.
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	22/7/2016 organized by the	COURSE ON "IMAGE	has participated in 5 days

COORDINATOR

Principal ACLL
Sapthagiri College of Engineering
Chikkasandta, Hesaraghatta Road,

Bangatore-560 057

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE OF PERFORMANCE

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Department of Computer Science and Engineering.	PROCESSING IN MATLAG (SGCS71)" from 18/7/2016 to	Certification Course on "5 DAYS CERTIFICATION	Ns
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COORDINATOR

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### Department of Computer Science & Engineering

### POST EVENT REPORT ON CERTIFICATION COURSE

# 5 DAYS CERTIFICATION COURSE ON "IMAGE PROCESSING IN MATLAB (SGCS71)".

- ♣ The Department of Computer Science & Engineering organized the certification course on 5 days certification course on Image Processing in MatLab (SGCS71) from 18/7/16 to 22/7/16 for all the final year students. The students attended the certification program. The course was successfully organized and carried out by Computer Science & Engineering department.
- Objective of the Course: The five day course made the students to be familiar with the major concepts in Image Processing in MatLab which is a main platform for their career and CertificationnCourse became the vital step to improve the knowledge of students.
- Course Title: Image Processing in MatLab (SGCS71)
- Resource Person: Prof. Hemalatha K L, Associate Professor, Dept of ISE, Sri Krishna Institute of Technology, Bengaluru.
- Course Duration Date: 5 Days from 18/7/16 to 22/7/16.

The speaker provided information on Image Processing in MatLab basics and Challenges.

The training program covered the following domains,

- 1. Introduction to the Matlab.
- 2. Introduction to the image processing.
- 3. Applying Image ∃nhancement Techniques
- 4. Image Restoration Techniques Security
- Image Enhancement in the Spatial Domain
- 6. Hands on sessions

Principal

Sapthagiri College of Engineering CnOhlkkasandra, Hessinghatto Adad, Babgalurior 66666 557



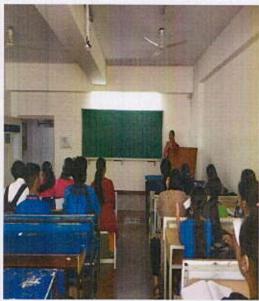
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### Department of Computer Science & Engineering

Overall the students felt that the session was informative & gain knowledge about Image Processing in MatLab.

### FEW SCREENSHOTS OF THE PROGRAM





Speaker delivering concepts onImage ProcessingHands on session and Students interacting WithSpeaker.

COORDINATOR

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,

Bangalore-560 057

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Computer Science Engineering Sapthagiri College of Engineering Bangalore-57