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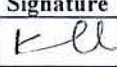
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Department of Computer Science & Engineering

CSE

Date: 8-3-2021

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 10/3/2021 at 10.30AM in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "MOBILE APPLICATION DEVELOPMENT(SGCS64)".

Sl No.	Faculty Name	Designation	Signature
1.	Dr. KAMALAKSHI NAGANNA	HOD	
2.	Dr. GURURAJ MURTUGUDDE	Professor	
3.	Dr. PRAVEEN KUMAR K V	Professor	
4.	Prof. CHAITHRA	Associate Professor	
5.	Prof. LATHA A	Assistant Professor	
6.	Prof. MADHUSHREE	Assistant Professor	

HOD

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

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

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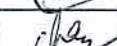
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Department of Computer Science & Engineering

10-03-2021

<u>Minutes of Meeting</u>

A meeting was conducted on 10/03/2021 in CSE HOD's Chamber to discuss and approve the syllabus & schedule of the 5 days Certification Course for VI semester CSE Students.

- **Course Title:** "MOBILE APPLICATION DEVELOPMENT(SGCS64)".
- **Resource Personnel:** Mr.Kiran. S
- **Course Duration & Date:** 5 Days from 5.04.2021 to 9.04.2021.

Syllabus & Schedule of the certification program

DATES	SESSION 1 (8:30AM TO 12:30PM)	SESSION 2 (1:30PM TO 4:30PM)
5/04/21 MONDAY	Introduction to Mobile Computing	Android Development Environment
6/04/21 TUESDAY	Factors in Developing Mobile Applications: a. Mobile Software Engineering b. Frameworks and Tools c. Generic UI Development d. Android User	Intents and Services: a. Android Intents and Services b. Characteristics of Mobile Applications c. Successful Mobile Development
7/04/21 WEDNESDAY	Storing and Retrieving Data: a. Synchronization and Replication of Mobile Data b. Getting the Model Right c. Android Storing and Retrieving Data d. Working with a Content Provider	Communications Via Network and the Web: a. State Machine b. Correct Communications Model c. Android Networking and Web
8/04/21 THURSDAY	Telephony: a. Deciding Scope of an App b. Wireless Connectivity and Mobile Apps c. Android Telephony	Notifications and Alarms: a. Performance b. Performance and Memory Management c. Android Notifications and Alarms
9/04/21 FRIDAY	Graphics: a. Performance and Multithreading b. Graphics and UI Performance c. Android Graphics	Quiz

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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. KAMALAKSHI NAGANNA	HOD	
2.	Dr. GURURAJ MURTUGUDDE	Professor	
3.	Dr. PRAVEEN KUMAR K V	Professor	
4.	Prof. CHAITHRA	Associate Professor	
5.	Prof. LATHA A	Assistant Professor	
6.	Prof. MADHUSHREE	Assistant Professor	

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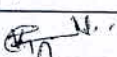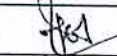**(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)**

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<u>CIRCULAR</u>

The department of Computer Science and Engineering is Conducting 5 days Certification Course on "MOBILE APPLICATION DEVELOPMENT(SGCS64)" for 6th semester students from 5th April 2021 to 9th April 2021.

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

Co-ordinator

HOD

Professor & Head of the Department
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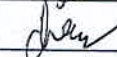(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)

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STUDENTS ENROLLED IN 5 DAYS CERTIFICATION COURSE ON

"MOBILE APPLICATION DEVELOPMENT(SGCS64)"

Sl. No.	USN	STUDENTS NAME	SIGNATURE
1	1SG17CS002	ADITYA CHANDRA SINGH	
2	1SG17CS085	SNEH KUMAR RAI	
3	1SG18CS001	AY GUNARACHANA	
4	1SG18CS002	AAKASH WAZA	
5	1SG18CS003	ABDUL HAROONKHAN	
6	1SG18CS005	ADITYA M	
7	1SG18CS006	ADITYA SHARMA R	
8	1SG18CS007	ADITYA SRIVASTAVA	
9	1SG18CS009	AKSHATHA.M	
10	1SG18CS010	AMANDEEP SINGH	
11	1SG18CS011	ANKIT RAJ MISHRA	
12	1SG18CS012	ANUSHA D B	
13	1SG18CS013	APARNA SINGH	
14	1SG18CS014	APOORVA A	
15	1SG18CS015	ARPITHA H K	
16	1SG18CS016	ARUNAKUMAR	
17	1SG18CS017	BHARGAV TRIMAL KULKARNI	
18	1SG18CS018	BHOOMIKA S	

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19	1SG18CS020	BINDU L	
20	1SG18CS021	DARSHAN K S	
21	1SG18CS023	DEEPAK B K	
22	1SG18CS024	DEEPAK G	
23	1SG18CS025	DEEPAK SAH	
24	1SG18CS026	DEEPTHI YADAV G	
25	1SG18CS027	DEVASHISH	
26	1SG18CS028	DIVYANSHI KUSHWAHA	
27	1SG18CS029	FARAZ KHAN	
28	1SG18CS030	FOUZIA ANJUM S	
29	1SG18CS031	GAURAV GUPTA	
30	1SG18CS032	HARSH P KAVATEKAR	
31	1SG18CS033	HARSHIT GUPTA	
32	1SG18CS034	HARSHITHA S	
33	1SG18CS035	HIMANI ADIGA	
34	1SG18CS036	JYOTHAPPAGARI VYSHNAVI	
35	1SG18CS037	K U ANJALI	
36	1SG18CS038	KOUSHIK V UPPULURI	
37	1SG18CS039	KUMARI MADHU	
38	1SG18CS040	LALIT MUDGAL	
39	1SG18CS041	LIKITH S	
40	1SG18CS042	M LAKSHMI NAVEEN REDDY	

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41	1SG18CS043	MADHURI M K	
42	1SG18CS044	MALLIKARJUN V R	
43	1SG18CS045	MANDARA B	
44	1SG18CS046	MANGALA S	
45	1SG18CS047	MANISHA L	
46	1SG18CS048	MANJUNATH RAMA NAIK	
47	1SG18CS049	MANU K N	
48	1SG18CS050	MAYANK	
49	1SG18CS051	MEENA ALEKYA T	
50	1SG18CS052	MEGHA P	
51	1SG18CS054	MEGHANA.G	
52	1SG18CS055	MOHIT KUMAR SHAW	
53	1SG18CS056	MOHIT VERMA	
54	1SG18CS057	MONIKA A	
55	1SG18CS059	N. MADHURAVANI	
56	1SG18CS060	NAMRATHA	
57	1SG18CS061	NAVEEN S R	
58	1SG18CS062	NAVYASHREE K	
59	1SG18CS063	NEETU RAO D	
60	1SG18CS064	NIMISHA	
61	1SG18CS132	NITHIN S M	
62	1SG18CS133	VARUN R	

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63	1SG19CS400	AMITH KUMAR GUPTHA	
64	1SG19CS403	KIRAN KUMAR H·M	
65	1SG19CS404	MANJUNATH	
66	1SG19CS408	SHIVA KUMAR	
67 .	1SG19CS402	SURESH	
68	1SG19CS407	SANDYA	
69	1SG19CS411	VIDYASHREE	
70	1SG19CS412	YUVARAJ	
71	1SG16CS037	HARSHITHA J	
72	1SG17CS093	SUSHANT	
73	1SG17CS102	VOONNA REETAN	
74	1SG18CS065	NIRANJAN S	
75	1SG18CS066	NISHANT RANA	
76	1SG18CS068	PALLAVI R	
77	1SG18CS069	PANCHAMI A	
78	1SG18CS070	PARAMJEET SINGH	
.79	1SG18CS072	PRANAV PARTH	
80	1SG18CS074	PRATIK N	
81	1SG18CS075	PREETHA S JOIS	
82	1SG18CS076	PREETHI U	
83	1SG18CS077	PREETHU T B	
84	1SG18CS078	PRERANA SHETTY	

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85	1SG18CS079	PRIYANKA V	
86	1SG18CS080	PRIYANSHU KUMAR	
87	1SG18CS081	R. GOVARDHANA	
88	1SG18CS082	RAKESH S	
89	1SG18CS083	RASHMITHA P	
90	1SG18CS084	REVATHI. D	
91	1SG18CS085	RISHU RAJ	
92	1SG18CS086	RITIK SAINI	
93	1SG18CS087	ROHAN KUMAR	
94	1SG18CS088	ROHAN THAMMAIAH Y C	
95	1SG18CS089	ROHIT RAI	
96	1SG18CS090	ROOPA.U	
97	1SG18CS091	MOHIT S	
98	1SG18CS092	S R PRASHANTH	
99	1SG18CS093	SABHYATA CHAUDHARY	
100	1SG18CS094	SAGAR K	
101	1SG18CS095	SAHIL ARYAN	
102	1SG18CS096	SAKSHI SHEORAN	
103	1SG18CS097	SANGEETHA Rajanna	
104	1SG18CS098	SARIKA KASHYAP	
105	1SG18CS099	SHAHDAT HUSSAIN	
106	1SG18CS100	SHALINI G S	

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107	1SG18CS101	SHANU HIMKAR	
108	1SG18CS102	SHERWIN E	
109	1SG18CS103	SHIVANSH	
110	1SG18CS104	SHOIB AKHTER	
111	1SG18CS105	SHREYAS V RAO	
112	1SG18CS106	SHUBHASHISH PATHAK	
113	1SG18CS107	SIDDHANT PANDEY	
114	1SG18CS108	SIMRAN MAHTO	
115	1SG18CS109	SIMRAN VERMA	
116	1SG18CS110	SIRI M KASHIPATHI	
117	1SG18CS111	SNEHAL MISHRA	
118	1SG18CS112	SONALI M	
119	1SG18CS113	SRI RAKSHA G	
120	1SG18CS114	SRISHTI KUMARI	
121	1SG18CS115	SUHAS G C	
122	1SG18CS116	SUPRITH K S	
123	1SG18CS117	SUPRIYA B TAVANSHI	
124	1SG18CS118	SUPRIYA K	
125	1SG18CS119	SWAPNIL	
126	1SG18CS121	THANUSHREE K J	
127	1SG18CS122	UPMA MAURYA	
128	1SG18CS123	UTKARSH GAURAV	

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129	1SG18CS124	VISHAL SAI R	
130	1SG18CS125	VIVEK KUMAR PATEL S	
131	1SG18CS126	YASHA NIRANJAN	
132	1SG18CS127	YASHASWINI S	
133	1SG18CS128	YASHASWINI M KOTEGAR	
134	1SG18CS129	RAKSHITHA D	
135	1SG18CS130	Drithi	
136	1SG18CS131	SAHANA P	
137	1SG19CS401	ANUSHA	
138	1SG19CS406	RAMYA	
139	1SG19CS405	RAKSHITHA M	
140	1SG19CS409	VARSHA H G	
141	1SG19CS410	VARSHITHA	
142	1SG19CS134	SUSHMITHA N	

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5 DAYS CERTIFICATION COURSE ON "MOBILE APPLICATION DEVELOPMENT(SGCS64)"

ATTENDANCE

Sl. No.	USN	STUDENTS NAME	5/4/21		6/4/21		7/4/21		8/4/21		9/4/21		TEST
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG17CS002	ADITYA CHANDRA	1	2	3	4	5	6	7	8	9	10	P
2	1SG17CS085	SNEH KUMAR RAI	1	2	3	4	5	6	7	8	9	10	P
3	1SG18CS001	AY GUNARACHANA	1	2	3	4	5	6	7	8	9	10	P
4	1SG18CS002	AAKASH WAZA	1	2	2	3	4	5	6	7	8	9.	P
5	1SG18CS003	ABDUL	0	1	2	3	4	5	6	7	8	9	P
6	1SG18CS005	ADITYA M	1	2	3	4	5	6	7	8	9	10	P
7	1SG18CS006	ADITYA SHARMA R	1	2	3	4	5	6	7	8	9	10	P
8	1SG18CS007	ADITYA	1	2	3	4	5	5	6	7	8	9	P
9	1SG18CS009	AKSHATHA.M	1	2	3	4	5	6	7	8	9	10	P
10	1SG18CS010	AMANDEEP SINGH	1	2	3	4	5	6	7	8	9	10	P
11	1SG18CS011	ANKIT RAJ MISHRA	1	2	3	4	5	6	7	8	9	10	P
12	1SG18CS012	ANUSHA D B	1	2	3	4	5	6	7	8	9	10	P
13	1SG18CS013	APARNA SINGH	1	2	3	4	5	6	7	8	9	10	P
14	1SG18CS014	APOORVA A	1	2	3	4	5	6	7	8	9	10	P
15	1SG18CS015	ARPITHA H K	1	2	3	4	5	6	7	8	9	10	P
16	1SG18CS016	ARUNAKUMAR	1	2	3	4	5	6	7	8	9	10	P

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17	1SG18CS017	BHARGAV TRIMAL	1	2	3	4	5	6	7	8	9	10	P
18	1SG18CS018	BHOOMIKA S	1	2	3	4	5	6	7	8	9	10	P
19	1SG18CS020	BINDU L	1	2	3	4	5	6	7	8	9	10	P
20	1SG18CS021	DARSHAN K S	1	2	3	4	5	6	7	8	9	10	P
21	1SG18CS023	DEEPAK B K	1	2	3	4	5	6	7	8	9	10	P
22	1SG18CS024	DEEPAK G	1	2	3	4	5	6	7	8	9	10	P
23	1SG18CS025	DEEPAK SAH	1	2	3	4	5	6	7	8	9	10	P
24	1SG18CS026	DEEPTHI YADAV G	1	2	3	4	5	6	7	8	9	10	P
25	1SG18CS027	DEVASHISH	1	2	3	4	5	6	7	8	9	10	P
26	1SG18CS028	DIVYANSHI	1	2	3	4	5	6	7	8	9	10	P
27	1SG18CS029	FARAZ KHAN	1	2	2	3	4	5	6	7	8	9	P
28	1SG18CS030	FOUZIA ANJUM S	1	2	3	4	5	6	7	8	9	10	P
29	1SG18CS031	GAURAV GUPTA	1	2	3	4	5	5	6	7	8	9	P
30	1SG18CS032	HARSH P	1	2	3	4	5	6	7	8	9	10	P
31	1SG18CS033	HARSHIT GUPTA	1	2	3	4	5	6	7	8	9	10	P
32	1SG18CS034	HARSHITHA S	1	2	3	4	5	6	7	8	9	10	P
33	1SG18CS035	HIMANI ADIGA	1	2	3	4	5	6	7	8	8	9	P
34	1SG18CS036	JYOTHAPPAGARI	1	2	3	4	5	6	7	8	9	10	P
35	1SG18CS037	K U ANJALI	1	2	3	4	5	6	7	8	9	10	P
36	1SG18CS038	KOUSHIK V	1	1	2	3	4	5	6	7	8	9	P
37	1SG18CS039	KUMARI MADHU	1	2	3	4	5	6	7	8	9	10	P
38	1SG18CS040	LALIT MUDGAL	1	2	3	4	5	6	7	8	9	10	P

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39	1SG18CS041	LIKITH S	1	2	3	4	5	6	7	8	9	10	P
40	1SG18CS042	M LAKSHMI	1	2	3	4	5	6	7	8	9	10	P
41	1SG18CS043	MADHURI M K	1	2	3	4	5	6	7	8	9	10	P
42	1SG18CS044	MALLIKARJUN V R	1	2	3	4	5	6	7	8	9	10	P
43	1SG18CS045	MANDARA B	1	2	3	4	5	6	7	8	9	10	P
44	1SG18CS046	MANGALA S	1	2	3	4	5	6	7	8	9	10	P
45	1SG18CS047	MANISHA L	1	2	3	4	5	6	7	8	9	10	P
46	1SG18CS048	MANJUNATH RAMA	1	2	3	4	5	6	7	8	8	9	P
47	1SG18CS049	MANU K N	1	2	3	4	5	6	7	8	9	10	P
48	1SG18CS050	MAYANK	1	2	3	4	5	6	7	8	9	10	P
49	1SG18CS051	MEENA ALEKYA T	1	2	3	4	5	6	7	8	9	10	P
50	1SG18CS052	MEGHA P	1	2	3	4	5	56	7	8	9		P
51	1SG18CS054	MEGHANA.G	1	2	3	4	5	6	7	8	9	10	P
52	1SG18CS055	MOHIT KUMAR	1	2	3	4	5	6	7	8	9	10	P
53	1SG18CS056	MOHIT VERMA	1	2	3	4	5	6	7	8	9	10	P
54	1SG18CS057	MONIKA A	1	2	3	4	5	6	7	8	9	10	P
55	1SG18CS059	N. MADHURAVANI	1	2	3	4	5	6	7	8	9	10	P
56	1SG18CS060	NAMRATHA	1	2	3	4	5	6	7	8	9	10	P
57	1SG18CS061	NAVEEN S R	1	2	3	4	5	6	6	7	8	9	P
58	1SG18CS062	NAVYASHREE K	1	2	3	4	5	6	7	8	9	10	P
59	1SG18CS063	NEETU RAO D	1	2	3	4	5	6	7	8	9	10	P
60	1SG18CS064	NIMISHA	1	2	3	4	5	6	7	8	9	10	P

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61	1SG18CS132	NITHIN S M	1	2	3	4	5	6	7	8	9	10	P
62	1SG18CS133	VARUN R	1	2	3	4	5	6	7	8	9	10	P
63	1SG19CS400	AMITH KUMAR	1	2	3	4	5	6	7	8	9	10	P
64	1SG19CS403	KIRAN KUMAR	1	2	3	4	5	6	7	8	9	10	P
65	1SG19CS404	MANJUNATH	1	2	3	4	5	6	7	8	9	10	P
66	1SG19CS408	SHIVA KUMAR	1	2	3	4	5	6	7	8	9	10	P
67	1SG19CS402	SURESH	1	2	3	4	5	6	7	8	9	10	P
68	1SG19CS407	SANDYA	1	2	3	4	5	6	7	8	9	10	P
69	1SG19CS411	VIDYASHREE	1	2	3	4	5	6	7	8	9	10	P
70	1SG19CS412	YUVARAJ	1	2	3	4	5	6	7	8	9	10	P
71	1SG16CS037	HARSHITHA J	1	2	3	4	5	6	7	8	9	10	P
72	1SG17CS093	SUSHANT	0	1	2	3	4	5	6	7	8	9	P
73	1SG17CS102	VOONNA REETAN	1	2	3	4	5	6	7	8	9	10	P
74	1SG18CS065	NIRANJAN S	1	2	3	4	5	6	7	8	9	10	P
75	1SG18CS066	NISHANT RANA	1	2	3	4	5	6	7	8	9	10	P
76	1SG18CS068	PALLAVI R	1	2	3	4	5	6	7	8	9	10	P
77	1SG18CS069	PANCHAMI A	1	2	3	4	5	6	7	8	9	10	P
78	1SG18CS070	PARAMJEET SINGH	1	2	3	4	5	6	7	8	9	10	P
79	1SG18CS072	PRANAV PARTH	1	2	3	4	5	6	7	8	9	10	P
80	1SG18CS074	PRATIK N	1	2	3	4	5	6	7	8	9	10	P
81	1SG18CS075	PREETHA S JOIS	1	2	3	4	5	6	7	8	9	10	P
82	1SG18CS076	PREETHI U	1	2	3	4	5	6	7	8	9	10	P

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83	1SG18CS077	PREETHU T B	1	2	3	4	5	6	7	8	9	10	P
84	1SG18CS078	PRERANA SHETTY	1	2	3	4	5	6	7	8	9	10	P
85	1SG18CS079	PRIYANKA V	1	2	3	4	5	6	7	8	9	10	P
86	1SG18CS080	PRIYANSHU	1	2	3	4	5	6	7	8	9	10	P
87	1SG18CS081	R. GOVARDHANA	0	1	2	3	4	5	6	7	8	9	P
88	1SG18CS082	RAKESH S	1	2	3	4	5	6	7	8	9	10	P
89	1SG18CS083	RASHMITHA P	1	2	3	4	5	6	7	8	9	10	P
90	1SG18CS084	REVATHI. D	1	2	3	4	5	6	7	8	9	10	P
91	1SG18CS085	RISHU RAJ	1	2	3	4	5	6	7	8	9	10	P
92	1SG18CS086	RITIK SAINI	1	2	3	4	5	6	7	8	9	10	P
93	1SG18CS087	ROHAN KUMAR	1	2	3	4	5	6	7	8	9	10	P
94	1SG18CS088	ROHAN	1	2	3	4	5	6	7	8	9	10	P
95	1SG18CS089	ROHIT RAI	1	2	3	4	5	6	7	8	9	10	P
96	1SG18CS090	ROOPA.U	1	2	3	4	5	6	7	8	9	10	P
97	1SG18CS091	MOHIT S	1	2	3	4	5	6	7	8	9	10	P
98	1SG18CS092	S R PRASHANTH	1	2	3	4	5	6	7	8	9	10	P
99	1SG18CS093	SABHYATA	1	2	3	4	5	6	7	8	9	10	P
100	1SG18CS094	SAGAR K	1	2	3	4	5	6	7	8	9	10	P
101	1SG18CS095	SAHIL ARYAN	1	2	3	4	5	6	7	8	9	10	P
102	1SG18CS096	SAKSHI SHEORAN	1	2	3	4	5	6	7	8	9	10	P
103	1SG18CS097	SANGEETHA Rajanna	1	2	3	4	5	6	7	8	9	10	P
104	1SG18CS098	SARIKA KASHYAP	1	2	3	4	5	6	7	8	9	10	P

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105	1SG18CS099	SHAHDAT HUSSAIN	1	2	3	4	5	6	7	8	9	10	P
106	1SG18CS100	SHALINI G S	1	2	3	4	5	6	7	8	9	10	P
107	1SG18CS101	SHANU HIMKAR	1	2	3	4	5	6	7	8	9	10	P
108	1SG18CS102	SHERWIN E	1	2	3	4	5	6	7	8	9	10	P
109	1SG18CS103	SHIVANSH	1	2	3	4	5	6	7	8	9	10	P.
110	1SG18CS104	SHOIB AKHTER	1	2	3	4	5	6	7	8	9	10	P
111	1SG18CS105	SHREYAS V RAO	1	2	3	4	5	6	7	8	9	10	P
112	1SG18CS106	SHUBHASHISH	1	2	3	4	5	6	7	8	9	10	P
113	1SG18CS107	SIDDHANT PANDEY	1	2	3	4	5	6	7	8	9	10	P
114	1SG18CS108	SIMRAN MAHTO	1	2	3	4	5	6	7	8	9	10	P
115	1SG18CS109	SIMRAN VERMA	1	2	3	1	5	6	7	8	9	10	P.
116	1SG18CS110	SIRI M KASHIPATHI	1	2	3	4	5	6	7	8	9	10	P
117	1SG18CS111	SNEHAL MISHRA	1	2	3	4	5	6	7	8	9	10	P
118	1SG18CS112	SONALI M	1	2	3	4	5	6	7	8	9	10	P
119	1SG18CS113	SRI RAKSHA G	1	2	3	4	5	6	7	8	9	10	P
120	1SG18CS114	SRISHTI KUMARI	1	2	3	4	5	6	7	8	9	10	P
121	1SG18CS115	SUHAS G C	1	2	3	4	5	6	7	8	9	10	P
122	1SG18CS116	SUPRITH K S	1	2	3	4	5	6	7	8	9	10	P
123	1SG18CS117	SUPRIYA B	1	2	3	4	5	6	7	8	9	10	P
124	1SG18CS118	SUPRIYA K	1	2	3	4	5	6	7	8	9	10	P
125	1SG18CS119	SWAPNIL	1	2	3	4	5	6	7	8	9	10	P
126	1SG18CS121	THANUSHREE K J	1	2	3	4	5	6	7	8	9	10	P

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127	1SG18CS122	UPMA MAURYA	1	2	3	4	5	6	7	8	9	10	P
128	1SG18CS123	UTKARSH GAURAV	1	2	3	4	5	6	7	8	9	10	P
129	1SG18CS124	VISHAL SAI R	1	2	3	4	5	6	7	8	9	10	P
130	1SG18CS125	VIVEK KUMAR	1	2	3	4	5	6	7	8	9	10	P
131	1SG18CS126	YASHA NIRANJAN	1	2	3	4	5	6	7	8	9	10	P
132	1SG18CS127	YASHASWINI S	1	2	3	4	5	6	7	8	9	10	P
133	1SG18CS128	YASHASWINI M	1	2	3	4	5	6	7	8	9	10	P
134	1SG18CS129	RAKSHITHA D	1	2	3	4	5	6	7	8	9	10	P
135	1SG18CS130	DRITHI	1	2	3	4	5	6	7	8	9	10	P
136	1SG18CS131	SAHANA P	1	2	3	4	5	6	7	8	9	10	P
137	1SG19CS401	ANUSHA	1	2	3	4	5	6	7	8	9	10	P
138	1SG19CS406	RAMYA	1	2	3	4	5	6	7	8	9	10	P
139	1SG19CS405	RAKSHITHA M	1	2	3	4	5	6	7	8	9	10	P
140	1SG19CS409	VARSHA H G	1	2	3	4	5	6	7	8	9	10	P
141	1SG19CS410	VARSHITHA	1	2	3	4	5	6	7	8	9	10	P
142	1SG19CS134	SUSHMITHA N	1	2	3	4	5	6	7	8	9	10	P

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5 days Certification Course on "MOBILE APPLICATION DEVELOPMENT(SGCS64)"

TEST TIME TABLE

SL.NO	DATE / DAY	TIMINGS
1	9/4/2021 FRIDAY	3:00PM - 4:30PM

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5 DAYS CERTIFICATION COURSE ON "MOBILE APPLICATION DEVELOPMENT(SGCS64)"

QUESTION PAPER

Q 1 - Is it possible to have an activity without UI to perform action/actions?
A - Not possible
B - Wrong question
C - Yes, it is possible
D - None of the above

Q 2 -How many sizes are supported by Android?
A - Android supported all sizes
B - Android does not support all sizes
C - Android supports small,normal, large and extra-large sizes
D - Size is undefined in android

Q 3 -How to stop the services in android?
A - finish()
B - system.exit().
C - By manually
D - stopSelf() and stopService()

Q 4 - How to upgrade SQlite the database from a lower version to higher version in android SQlite?
A - Using helper Class
B - Using cursor
C - Using intent
D - None of the above

Q 5 - Which features are considered while creating android application?
A - Screen Size
B - Input configuration
C - Platform Version
D - Device features
E - All of above

Q 6 - What is breakpoint in android?
A - Breaks the application
B - Breaks the development code
C - Breaks the execution.
D - None of the above.

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Q 7 - What is an HTTP client class in android?
A - httprequest(get/post) and returns response from the server
B - Cookies management
C - Authentication management
D - None of the above

Q 8 - What is the JSON exception in android?
A - JSon Exception
B - Json Not found exception
C - Input not found exception
D - None of the above

Q 9 - Is it possible activity without UI in android?
A - No, it's not possible
B - Yes,it's possible
C - We can't say
D - None of the above

Q 10 - What are the main components in android?
A - Activity
B - Services
C - Broadcast Receiver
D - Content provider

Q 11 - What is an activity in Android?
A - Activity performs the actions on the screen
B - Manage the Application content
C - Screen UI
D - None of the above

Q 12 - On which thread services work in android?
A - Worker Thread
B - Own Thread
C - Main Thread
D - None of the above.

Q 13 - What is broadcast receiver in android?
A - It will react on broadcast announcements.
B - It will do background functionalities as services.
C - It will pass the data between activities.
D - None of the Above

Q 14 - What is sleep mode in android?
A - Only Radio interface layer and alarm are in active mode

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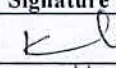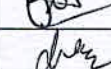(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE,
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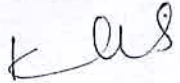An ISO 90001:2015 and 14001:2015 Certified Institution
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B - Switched off

C - Air plane mode

D - None of the Above

Q 15 - What is singleton class in android?

A - A class that can create only one object

B - Anonymous class

C - Java class

D - Manifest file

Q 16 - What are the debugging techniques available in android?

A - DDMS

B - Breaking point

C - Memory profiling

D - None of the above.

E - None of the above.

Q 17 - What are the functionalities of HTTP Client interface in android?

A - Connection management

B - Cookies management

C - Authentication management

D - All of the above

E - None of the above

Q 18 - Fragment in Android can be found through

A - findByID()

B - findFragmentByID()

C - getContext.findFragmentByID()

D - FragmentManager.findFragmentByID()

Q 19 - What is the purpose of super.onCreate() in android?

A - To create an activity

B - To create a graphical window for subclass

C - It allows the developers to write the program

D - None of the above

Q 20 - What is a thread in android?

A - Same as services

B - Background activity

C - Broadcast Receiver

D - Independent dis-patchable unit is called a thread

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2.	Dr. GURURAJ MURTUGUDDE	Professor	
3.	Dr. PRAVEEN KUMAR K V	Professor	
4.	Prof. CHAITHRA	Associate Professor	
5.	Prof. LATHA A .	Assistant Professor	
6.	Prof. MADHUSHREE	Assistant Professor	

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SCHEME

1.Answer : C

Explanation

Generally, every activity is having its UI(Layout). But if a developer wants to create an activity without UI, he can do it.

2. Answer : C

Explanation

X-large screens are having at least 960dp*720dp resolutions
Large screens are having at least 640dp*480dp resolutions
Normal screens are having at least 470dp*320dp resolutions
Small screens are having at least 426dp*320dp resolutions

3. Answer : D

Explanation

We can stop the services by stopSelf() and stopService(), in some cases android will kill the services due to the low memory problem.

4. Answer : A

Explanation

In helper class, we can pass the version numbers in incremental order.
Answer : E

5. Explanation

Before creating an application, developers should consider screen size, input configuration, version, and device features

6. Answer : C

Breaks the execution to find the debug value, It is one of the debugging techniques.

7. Answer : A

Http request has get and post methods and it returns the response from the servers.

8. Answer : A

Json exception can be thrown while parsing JSON response from the server.

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9. Answer : B

Without UI, we can call an activity, It will do some background functionalities.

10. Answer : A,B,C and D

The main components in android are Activity, services, Broadcast Receiver and content providers.

11. Answer : A

Explanation

Activity is a single screen in an application, Activity performs the actions on the screen(UI)

12. Answer : C

Explanation

Services, by default, work on Main thread. You can start services from any thread, but if you want to update the UI, you need to call Main thread.

13. Answer : A

Explanation

It is a main component of android. It reacts on the system broadcast announcements, and it acts as a gateway between outside application environment with your application.

14. Answer : A

Explanation

CPU will be in sleeping mode and it does not take any commands except radio interface layer and alarm from mobile.

15. Answer : A

Explanation

There is only an object which can be accessed by all other class.

16. Answer : D

Explanation

DDMS, Breaking Point and Memory profiling are the three debugging techniques available in Android. Based on requirement, we can use debugging techniques, each technique is having different capabilities to debug.
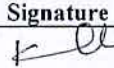
17. Answer : D

Explanation

HTTP Client has the capabilities to manage connections, cookies and Authentication

18. Answer : D

Explanation

Using FragmentManager.findFragmentByID(R.id.fragment), we can find the fragment/fragments which are placed on the layout

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19. Answer : B

Explanation

The super.onCreate() will create the graphical window for subclasses and place at onCreate() method.

20. Answer : D

The concurrent executable unit is called a thread. It's performs some background functionalities with services.

D - None of the above

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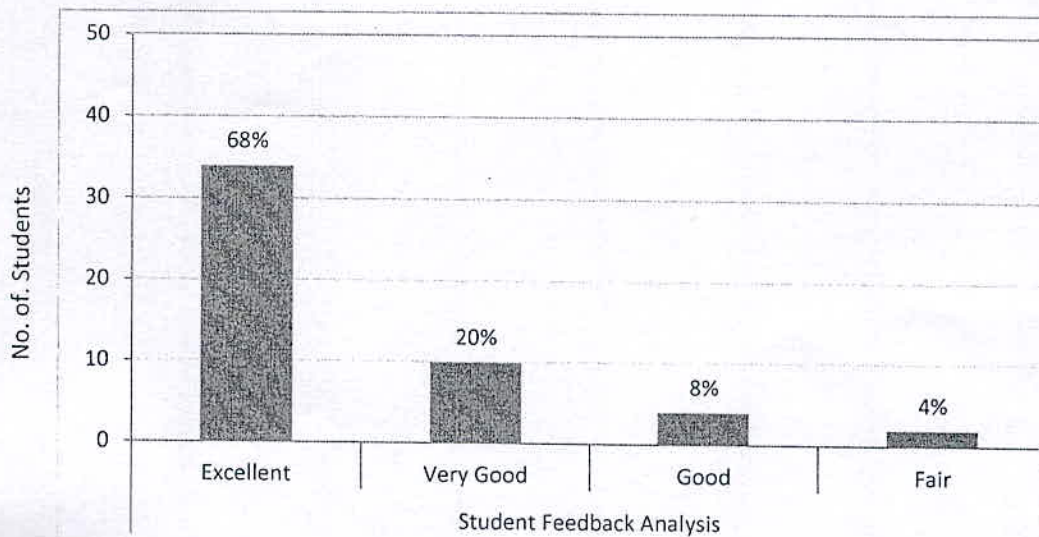Sapthagiri College of Engineering
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FEEDBACK ANALYSIS

Certification Programme: **"MOBILE APPLICATION DEVELOPMENT(SGCS64)"**

No. of students	Student Feedback			
	Excellent	Very Good	Good	Fair
50	34	10	4	2

Student Feedback Analysis

Action Report:

68% of students were completely happy with the certification program, 20% of students felt it was a very good program, 8% of students felt it was a good program and remaining 4% students were satisfied with the 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

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Ban: ...

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Mr/Ms _A Y Gunarachana_ _____ has participated in 5 days Certification Course on "Mobile Application Development (SGCS64)" from 5th April 2021 to 9th April 2021 organized by department of Computer Science and Engineering.

COORDINATOR   **HOD**   **PRINCIPAL**

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

Mr/Ms _AAkash Waza_ has participated in 5 days Certification Course on "Mobile Application Development (SGCS64)" from 5th April 2021 to 9th April 2021 organized by department of Computer Science and Engineering.

COORDINATOR   **HOD**   **PRINCIPAL**

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CERTIFICATE OF PERFORMANCE

THIS IS TO CERTIFY THAT

Mr/Ms *Abdul Haroon Khan* has participated in 5 days Certification Course on "Mobile Application Development (SGCS64)" from 5th April 2021 to 9th April 2021 organized by department of Computer Science and Engineering.

COORDINATOR　　　　　　HOD　　　　　　PRINCIPAL

Department of Computer Science & Engineering

POST EVENT REPORT ON CERTIFICATION COURSE

"MOBILE APPLICATION DEVELOPMENT (SGCS64)"

Department of Computer Science & Engineering conducted Certification Course on "Mobile Application Development (SGCS64)" from 5th April 2021 to 9th April 2021.

+ **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 .Certification Course became the vital step to improve the knowledge of students.

+ **Speaker:** Prof. KIRAN S, Sapthagiri College of Engineering, Bangalore.

+ **Duration of the course**: Five days from 5th April 2021 to 9th April 2021.

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. Introduction to Mobile Computing
2. Factors in Developing Mobile Applications
3. Intents and Services
4. Storing and Retrieving Data
5. Communications Via Network and the Web
6. Telephony, Notifications and Alarms, Graphics

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

SAPTHAGIRI COLLEGE OF ENGINEERING

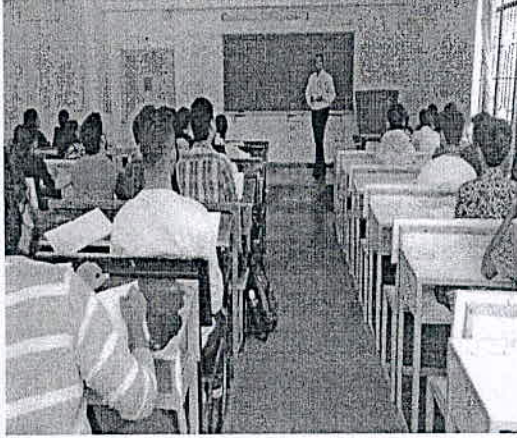**(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)**

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru– 560 057
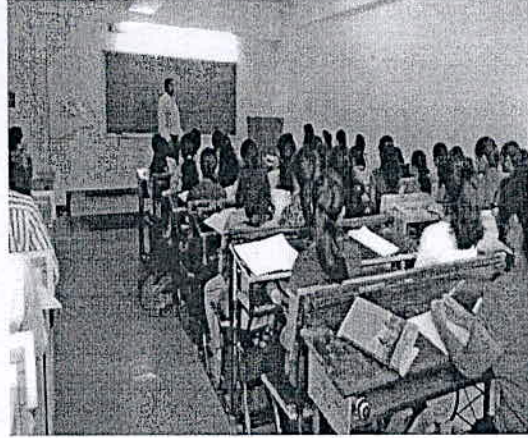**An ISO 90001:2015 and 14001:2015 Certified Institution**
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Department of Computer Science & Engineering

FEW SCREENSHOTS OF THE PROGRAM

Speaker Kiran S delivering concepts
On Factors in Developing Mobile Applications.

Speaker delivering concepts on Mobile
Application Development.

Coordinator

HOD

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

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