

Computer Engineering Department
Session Jan2025-July2025
Lesson Plan

Subject:-MAD

Lesson Plan Duration:- 15 weeks

Semester:-6th

Load :- Lecture 02, Practical -02

week	Theory		Practical	
	Lecture Day	Topic(including assignment/test)	Practical day	Topic
1 st	1 st	IntroductiontoMobile computing	1 st	WriteaprogramtoDemonstrate activity.
	2 nd	Mobile computing functions,securityissue		
	3 rd	Mobilecomputingdevices	2 nd	WriteaprogramtoDemonstrate different types of layouts
2 nd	4 th	Networks:wired,wireless,adhoc	3 rd	Writeaprogramtoimplement simple calculator using text view and button.
	5 th	Comparisonofwiredand wireless mechanism		
	6 th	Various types of wireless communicationtechnologies used in mobilr,antennas	4 th	WriteaprogramtoDemonstrate list view.
3 rd	7 th	Basics of base station and mediumaccesscontroland mobilestation	5 th	WriteaprogramtoDemonstrate photo gallery.
	8 th	Architectureofmobile computing. 3-tier		
	9 th	Architectureof mobile computing.2-tier,1-tier	6 th	WriteaprogramtoDemonstrate Data picker
4 th	10 th	Mobilecomputingthrough telephony	7 th	WriteaprogramtoDemonstrate timepicker.
	11 th	WirelessLAN:Applicationof WLAN,infraredverusRadio Transmission		
	12 th	Assignmenttopic(Architecture of mobile computing)	8 th	Developansimpleapplication with context menu
5 TH	13th	Bluetooth:introductionand application	9 th	Developansimpleapplication with option menu.
	14 TH	IntroductiontoANDROID		
	15 TH	ANDROID Versions,Features of Andriod	10 th	Developanapplicationtosend SMS.
6 TH	16 TH	ArchitectureofAndroid	11 th	Writeaprogramtoviewcontact.
	17 TH	AndroidSDKANDADK		
	18 TH	Androiddevelopment	12 th	Writeaprogrameditcontact.
		tool,AVD		

7 th	19 th	Activity&intents: understandingActivity,linking activity and indents	13 th	Writeaprogramtosende-mail.
	20 th	User interface: view and viewgrouplayout,display orientation,actionbar		
	21 st	Basic view: Text view, Button,imagebutton,Edittext, Checkbox	14 th	Writeaprogramtodemonstrate a service.
8 th	22 th	Basicview:toglebutton,radio button,radio group views,progressbarview,auto complete text view	15 th	Writeaprogramtodemonstrate a service.
	23 rd	Advance view: Time picker viewanddatepickerview,list view,imageview	16 th	Writeaprogramtodemonstrate web view to display web site
	24 th	Advanceview:menus,Analog and Digital view, Dialog Boxes		
9 th	25 th	Displaying Pictures & Menus withview:imageview,gallery view	17 th	Writeaprogramtodisplay map.
	26 th	SMS,Phone: sending SMS, receivingSMS,Makingphone call		
	27 th	LocationBasedserviesand SQLite	18 th	Writeaprogramtodisplaymap of given location.
10 th	28 th	LocationbasedServies: ObtainingthemapAPIkey, Displaying The map	19 th	Writeaprogramtodemonstrate the application of intent class.
	29 th	LocationbasedServies:Zoom control		
	30 th	LocationbasedServies: navigatingtoa specific location,Addingmaker	20 th	Writeaprogramtocreatetext file in a external memory.
11 th	31 st	LocationbasedServies: Geo codingandReverseGeo coding	21 th	Writeaprogramtostoredata fromSQL.
	32 th	test		
	33 rd	ContentProvider:Sharing data,viewcontacts,add contacts	22 th	Writeaprogramtofetchdata fromSQL.
12 th	34 th	,modify,deletecontacts	23 th	Writeaprogramtoimplement calculator using buttons
	35 th	Storage:StoreandRetire	24 th	Writeaprogramtosende-mail.
		data'sininternalandexternal storage		
	36 th	Assignmentcheck		
13 th	37 th	Androidservice:Consuming Web service using HTTP,	25 th	WriteaprogramtoDemonstrate different types of layouts

	38 th	DOWNLOADING BINARY DATA, Data downloading text content		
	39 th	Location based Services: navigating to a specific location, Adding maker	26 th	Write a program to demonstrate web view to display web site
14 th	40 th	Location based Services: Geo coding and Reverse Geo coding	27 th	Write a program to Demonstrate activity.
	41 th	Content Provider: Sharing data, view contacts, add contacts, modify, delete contacts		
	42 th	Storage: Store and Retrieve data in internal and external storage	28 th	Write a program to send e-mail.
15 th	43 th	Android service: Consuming Web service using HTTP,	29 th	Write a program to demonstrate web view.
	44 th	Revision, Accessing Web services		
	45 th	TEST	30 th	Write a program to Demonstrate different types of layouts

Jyoti
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