LESSON PLAN

Name of faculty : Mrs Neelam Rani

Discipline : Computer Engineering

Subject : MAD(6th sem)

Lesson plan duration : 15 weeks

Work load(lecture/practical) per week : Lectures-03,practicals-06

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| week | Theory | Practical |
| LectureDay | Topic(includingassignment/test) | Practicalday | Topic |
| 1st | 1st | Introduction to Mobilecomputing | 1st | Write a program to Demonstrate activity. |
| 2nd | Mobile computing functions,security issue |
| 3rd | Mobile computing devices | 2nd | Write a program to Demonstratedifferent types of layouts |
| 2nd | 4th | Networks:wired,wireless,adhoc | 3rd | Write a program to implement simple calculator using text view and button. |
| 5th | Comparison of wired andwireless mecchanism |
| 6th | Various types of wireless communication technologies used in mobilr,antennas |
| 4th | Write a program to Demonstratelist view. |
| 3rd | 7th | Basics of base station andmedium access control and mobile station | 5th | Write a program to Demonstrate photo gallery. |
| 8th | Architecture of mobilecomputing. 3-tier |
| 9th | Architecture of mobile computing. 2-tier,1-tier | 6th | Write a program to Demonstrate Data picker |
| 4th | 10th | Mobile computing throughtelephony | 7th | Write a program to Demonstrate time picker. |
| 11th | Wireless LAN:Application of WLAN,infrared verus RadioTransmission |
| 12th | Assignment topic(Architecture of mobile computing) | 8th | Develop an simple application with context menu |
| 5TH | 13th | Bluetooth: introduction andapplication | 9th | Develop an simple application with option menu. |
| 14TH | Introduction to ANDROID |
| 15TH | ANDROID Versions,Featuresof Andriod | 10th | Develop an application to sendSMS. |
| 6TH | 16TH | Architecture of Android | 11th | Write a program to viewcontact. |
| 17TH | Android SDK AND ADK |
| 18TH | Android development | 12th | Write a program edit contact. |

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|  |  | tool,AVD |  |  |
| 7th | 19th | Activity & intents:understanding Activity, linking activity and indents | 13th | Write a program to send e-mail. |
| 20th | User interface: view andviewgroup layout,display orientation,action bar |
| 21st | Basic view: Text view,Button,image button,Edit text, Check box | 14th | Write a program to demonstrate a service. |
| 8th | 22th | Basic view:toggle button,radio button,radio group views,progress bar view, autocomplete text view | 15th | Write a program to demonstrate a service. |
| 23rd | Advance view: Time pickerview and date picker view,list view,image view | 16th | Write a program to demonstrate web view to display web site |
| 24th | Advance view: menus, Analog and Digital view, DialogBoxes |
| 9th | 25th | Displaying Pictures & Menuswith view: image view, gallery view | 17th | Write a program to display map. |
| 26th | SMS,Phone: sending SMS,receiving SMS,Making phone call |
| 27th | Location Based servies andSQLite | 18th | Write a program to display mapof given location. |
| 10th | 28th | Location based Servies: Obtaining the maps API key,Displaying The map | 19th | Write a program to demonstrate the application of intent class. |
| 29th | Location based Servies: Zoomcontrol |
| 30th | Location based Servies:navigating to a specific location, Adding maker | 20th | Write a program to create text file in a external memory. |
| 11th | 31st | Location based Servies: Geo coding and Reverse Geocoding | 21th | Write a program to store data from SQL. |
| 32th | test |
| 33rd | Content Provider: Sharing data, view contacts, addcontacts | 22th | Write a program to fetch data from SQL. |
| 12th | 34th | ,modify, delete contacts | 23th | Write a program to implement calculator using buttons |
| 35th | Storage: Store and Retire | 24th | Write a program to send e-mail. |

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|  |  | data’s in internal and external storage |  |  |
| 36th | Assignment check |
| 13th | 37th | Android service: Consuming Web service using HTTP, | 25th | Write a program to Demonstrate different types of layouts |
| 38th | DOWNLOADING BINARYDATA, Data downloading text content |
| 39th | Location based Servies:navigating to a specific location, Adding maker | 26th | Write a program to demonstrate web view to display web site |
| 14th | 40th | Location based Servies: Geocoding and Reverse Geo coding | 27th | Write a program to Demonstrate activity. |
| 41th | Content Provider: Sharing data, view contacts, addcontacts ,modify, delete contacts |
| 42th | Storage: Store and Retire data’s in internal and externalstorage | 28th | Write a program to send e-mail. |
| 15th | 43th | Android service: Consuming Web service using HTTP, | 29th | Write a program to demonstrate web view. |
| 44th | Revision, Accessing Web services |
| 45th | TEST | 30th | Write a program to Demonstrate different types of layouts |