**KGiSL Institute of Technology**

**Department of Information Technology**

**Lesson plan (Micro level)**

Faculty Name : Mr. S. Rajasekaran Designation : Assistant Professor

Subject Name : Mobile Computing Subject Code :IT6611 (C316)

Academic Year : 2018-2019 Sem/Year : VI/III

**COURSE OUTCOMES (CO)**

1. C316.1 : Implementing GUI Components.
2. C316.2 : Utilizing database features of mobile OS.

C316.3: Performing i/O operations in external storage.

C316.4: Utilizing on-board services of mobile OS through API’s

C316.5: Utilizing multithreading of mobile OS.

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| **Ex.No** | **Experiment** | **Hours Required** | **Planned**  **Date** | **CO** | **Actual**  **Date** | **Day Order /Hour** | | **Remarks** |
| **LAB EXPERIMENTS** | | | | | | | | |
| 1 | Develop an application that uses GUI components, Font and Colours | 4 | 21/12/18 | C416.1 |  |  | |  |
| 2 | Develop an application that uses Layout Managers and event listeners. | 4 | 02/01/19 | C416.1 |  |  | |  |
| 4 | Develop a native calculator application. | 4 | 09/01/19 | C416.1 |  |  | |  |
| 4 | Write an application that draws basic graphical primitives on the screen. | 4 | 21/01/19 | C416.1 |  |  | |  |
| 5 | Develop an application that makes use of database. | 4 | 29/01/19 | C416.2 |  |  | |  |
| 6 | Develop an application that makes use of RSS Feed. | 4 | 05/02/19 | C416.4 |  |  | |  |
| 7 | Implement an application that implements Multi threading | 4 | 12/02/19 | C416.5 |  |  | |  |
| 8 | Develop a native application that uses GPS location information. | 4 | 19/02/19 | C416.4 |  |  | |  |
| 9 | Implement an application that writes data to the SD card. | 4 | 27/02/19 | C416.4 |  |  | |  |
| 10 | Implement an application that creates an alert upon receiving a message. | 4 | 07/04/19 | C416.4 |  |  | |  |
| 11 | Write a mobile application that creates alarm clock | 4 | 14/04/19 | C416.4 |  |  | |  |
| **CONTENT BEYOND SYLLABUS** | | | | | | | | |
| 12 | Develop a project that solves simple real world problems | 4 | 21/04/19 | C416.4 |  |  | |  |
|  | | | | | | | | |
| Total No. of Hours Required as per Lesson Plan to complete the Course | | | | | | | 45 | |
| **Total No. of Hours prescribed by Anna University for Completion of the Course** | | | | | | | **45** | |
| **Total No. of Hours Required as per Lesson Plan to complete the Course** | | | | | | | **48** | |
| No. of Hours Required for covering Content Beyond Syllabus | | | | | | | **3** | |
| **Total No. of Lecture Hours for Completion of the Course** | | | | | | | **48** | |

Prepared by Approved by

**Signature of faculty Head of the Department**