

## SNS COLLEGE OF TECHNOLOGY, COIMBATORE –35 (An Autonomous Institution) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (UG&PG)



### 19CSB303 and Composing Mobile Apps UNIT 1

#### **Mobile Platforms**

- Mobile OSs known as mobile platforms
- It is not just an OS but a software stack that typically comprises an
   OS, libraries and application development framework(s).
- The OS contributes to the core features of the platform such as
  - Memory management
  - Process management and
  - Various device drivers
- Libraries furnish the most required core functionality of the platform such as media libraries etc.
- The application development framework is the set of application programming interfaces (APIs) that in turn interact with the underlying libraries and are exposed to the developers for app development.
- Most popular mobile platforms are:

Android Apple iOS Black Berry Windows phone

19CSB303 and Composing Mobile Apps Mrs.P.Subhashree/AP/CSE Mrs.L.Poornima Devi /AP/CSE Mr.G.Ramesh Kalyan/AP/CSE



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#### Typical software stack of mobile platform **Application Operating System** Libraries Development Memory management Media libraries Framework Process managements Native data storage Various device driver • Rendering screen & Set of API drawing surfaces · Interact with underlying Graphics libraries libraries Expose to developers for app development

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