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Rathinam College of Arts and Science.

## Organizing Secretary

1. Dr. R. Muralidharan, M.Sc.,M.Phil.,MCA.,Ph.D.  
Vice Principal & Head - Computer Science.
2. Mr. D. Boominath, M.C.A.,(M.Phil)  
AO & Asst. Prof. in Computer Science  
Rathinam College of Arts and Science.

## Convener

Mr. A.Uthiramoorthy, MCA., M.Phil., (Ph.D.)  
Asst. Professor, Dept. of Computer Science.

## Coordinators

Mr.L.Kathirvelkumaran, Asst. professor in CS  
Ms.V.Sangeetha, Asst. professor in CS  
Ms.M.P.Subashini, Asst. professor in CS  
Ms.U.Gomathi, Asst. professor in CS

## Organizing Committee

Mr.S. Raja, Asst. Prof. in CS  
Ms.K. Renuka, Asst. Prof. in CS  
Mr.V. Veerakumaran , Asst. Prof. in CS  
Ms.R. Kiruthika, Asst. Prof. in CS  
Mr.D. Rajbalaji , Asst. Prof. in CS  
Mr.M. Aarish, Asst. Prof. in CS  
Mr.N. Arunkumar , Asst. Prof. in CS  
Mr.B. Anandakumar, Asst. Prof. in CS  
Ms.R. Manimegalai, Asst. Prof. in CS  
Dr.V. Vasanthi, Asst. Prof. in CS  
Ms.A.Priyadharshini, Asst. Prof. in CS  
Ms.S. Shylaja, Asst. Prof. in CS  
Mr.K. Arul Mozhi Arasu, Asst. Prof. in CS

## REGISTRATION FEE

PG Students / UG Students	Rs.250/-
Research Scholars/ Academicians/ R& D Institutions	Rs.350/-
Delegates from Industries	Rs.500/-

Demand Draft in favour of **The Principal, Rathinam College of Arts and Science**, payable at Coimbatore.

## IMPORTANT DATES

Events	Date
Last date for Registration	3 <sup>rd</sup> December 2016
Workshop Date	9 <sup>th</sup> & 10 <sup>th</sup> December 2016

## CONTACT ADDRESS

The Coordinator – NLWAS'16  
Department of Computer Science,  
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For more details visit:

<http://rathinamcomputerscience.blogspot.in>

Web: [www.rathinamcollege.com/](http://www.rathinamcollege.com/)

FB: [www.facebook.com/rathinamcollege](https://www.facebook.com/rathinamcollege)

# National Level Workshop on Android Apps and Security NLWAS'16 9<sup>th</sup> & 10<sup>th</sup> December 2016



Organized by

**DEPARTMENT OF COMPUTER SCIENCE  
RATHINAM COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

(Affiliated to Bharathiar University, Coimbatore,  
Re-Accredited by NAAC with 'A' Grade and  
Recognized by UGC under section 2(f) and 12B)

**Rathinam Techzone, Pollachi Road,  
Eachanari, Coimbatore – 641021  
Tamilnadu, India.**

## ABOUT THE INSTITUTION

The college preempts what education in the future would be because any learning environment that exists in isolation, divorced from the reality of the world outside the campus is bound to be progressive in every aspect. Rathinam College of Arts and Science is a Co-educational Institution was established in year 2001 by the KPM Educational Trust, which has 35 years of experience in promoting education in Coimbatore. The college is set in a sprawling 70 acre campus that is a part of the Rathinam Group of Institutions which has Rathinam Technical Campus, Rathinam International Public School and IT Park & Special Economic Zone.

Rathinam College of Arts and Science offer 15 under graduate courses and 7 post graduate courses and research programs. The institution is member in ICTACT, CSI, CII, YI and NSDC. The advantages that it offers to the students are indeed enormous with project & in-house training and part-time job at the IT Park and SEZ within the campus. Access to professionals, real time experience and better institutional industry interaction is facilitated by its proximity of the SEZ.

## ABOUT THE DEPARTMENT

The Department was started in 2001 and it has grown excellently in academic and research work. At present, the department offers four undergraduate degree and two postgraduate degree programmes and Research Programme M.Phil and Ph.D. In undergraduate programmes Computer science, Computer Applications, Information Technology and Computer Technology courses are offered. Under the postgraduate, Computer Science and Information Technology courses are offered. Department offers an outstanding opportunity for budding professional to polish their skills and outperform their competitors. The department is equipped with state of the art computing and internet facilities (10 Mbps). The department has well experienced faculty members with excellent knowledge in IT. More than 80% of the students have been placed in reputed in IT companies through placement cell.

## WORKSHOP THEME

To understand mobile Apps development challenges including memory and processor limitations, intermittent network access, to build variety of Mobile Apps with multiple platforms. Android Apps incorporates industry and Education-leading security features and works with developers and device implementers to keep the Android platform and ecosystem safe.

### Day 1

1. Android Introduction with System Requirements with Software's Installation
2. Working Android Studio (ADT,AVD, SDK)
3. Important files in Android project framework
4. Understanding of Android Activity, Layout Files, Values files, Manifest and Mipmap
5. Layouts and Activities
6. Working with widgets Button, EditText.
7. Understanding of Exception Handler
8. Toggle and Switch
9. Android Intent and Bluetooth and Wifi
10. Creation and Installation of Android apk in Mobile devices

### Day 2

1. Auto Completer Text
2. ListView & Spinner
3. Android Database Connectivity with SQLite
4. Custom Menus
5. Sending SMS through Android Application
6. Splash Screen using Thread
7. How to upload the app in google play store
8. Working with Android Graphics.

## ACCOMMODATION

Accommodation will not be provided by the Organizers. Participants have to make their own accommodation. The participants are expected to bear TA/DA themselves. Assistance will be provided for arranging accommodation in hotels.

## REGISTRATION FORM

# National Level Workshop on Android Apps and Security NLWAS'16 9<sup>th</sup> & 10<sup>th</sup> December 2016

Name :

Qualification :

Gender :

Designation :

Academicians/Industrial/  
Students/Research Scholars:

Department :

Name of the Institution:

Communication Address:

E-mail id:

Mobile No:

Name of the Bank:

DD No:                      Date:                      Amount Rs.

Signature of the Participant