WORKSHOP

on mobile

Android Development

technologies

sanskrithi
group of institutions
04 th | 02 | 2017
event | season 2016 2017

01 Introduction

India is the world's second largest mobile market, with 412 million people subscribing to mobile internet, a figure that is expected to grow to 668 million – nearly half of the population – over the next four years. Moreover, by the end of 2016, India will be the second largest smartphone market in the world, with 320 million smartphone connections. Mobile broadband has seen limited roll out to date, with 3G and 4G connections accounting for only 20% of connections. However, this will more than double by 2020*[1].

These numbers show the huge potential of mobile technologies in India and cry for professionals to challenge and satisfy the needs of the next 320 million smartphone users. Take action and be part of this movement to be in the front row of future decision makers in the field of mobile technologies.

02 Workshop description

This one day workshop will equip every participant with an understanding of how mobile technologies can be used to solve everyday problems. It will start with an introduction to mobile technologies and how they can be used in different contexts. Furthermore, a follow up talk about the diverse and challenging possibilities of bringing information on mobile devices in the form of mobile Web-, Hybrid- and Native applications will foster the understanding of modern mobile technologies.

The first step into the world of mobile devices is a concept or idea for a new application. Therefore, a workshop about creative ways of design thinking will bring every participant closer to the goal of kicking off their first mobile app project. The course will end with an introduction to the Android Software Development Kit (SDK), the tools every app designer needs, design pattern & Material Design for Android and a first Android prototype application.

1 Connected Society – Telenor's mobile internet training projects in India: raising awareness of the benefits from getting online; GSMA.

03 About the resource person

Paul Spiesberger graduated as a computer scientist with focus on media from the Vienna University of Technology. He works as a researcher and lecturer in the field of computer science with focus on mobile technologies around the globe and is also employed as a software developer for mobile technologies within a fast growing Austrian company, RISE. In the past he won several national and international awards for his work.

Since 2014, Paul is the chairman of ICT4D.at – the Austrian Network for Information and Communication Technologies for Development – and engages himself in his spare time by using his skills also for the common good. Paul was born in Pinsdorf, Austria in the year of 1988.

04 Learning outcomes

Having completed this course you will be able to :

- Know about the challenges and opportunities of mobile technologies
- Understand the difference between mobile Web-, Hybrid- and Native- applications
- Design your ideas in the form of a mobile application with an understanding of the key design principles for mobile devices
- Understand the principles of Android programming and start your own Android project
- Access all the material used in the course and have the tools you need to be an app developer.

06 Who should attend

- Computer Scientists
- Future App Developpers
- Faculties with interest in Mobile Technologies
- Creatives with Java knowledge

07 About Sanskrithi Group of Institutions

Sanskrithi Group of Institutions is a standalone group which started with blessings of "Bhagawan Satya Sai Baba" near Bedupalli in Puttaparthi. The Sanskrithi School of Engineering (SSE) is the latest educational venture by the Sanskrithi Group of Institutions promoted by our chairman, Mr Vijay Reddy. With a distinctive vision to empower rural students and develop socially responsible business leaders possessing wisdom, Sanskrtihi Group of Institutions is striving to leave its foot prints through its students. Few of the accomplishments of our institutions are as follows:

- Providing employment to the rural villagers
- Creating employable students
- More than 500 Alumni are placed in various national and multinational companies
 - Acting as an incubation center for the budding entrepreneurs

The Austrian leading IT company RISE (Research Industrial Systems Engineering GmbH) and Sanskrithi Group of Institutions are starting a promising collaboration based on knowledge transfer thanks to the intervention of two professors from RISE and Vienna University of Technologies in hope of creating a stimulating and sustainable partnership.

08 Place & time

The workshop will take place the **4th february 2017 from 9:00AM to 5:00PM.**

Sanskrithi Group Of Institutions

Beedupalli Road I Prasanthi Gram

Puttaparthi-515134 I Ananthapuramu-District

Andhra Pradesh I India

visit us online on **www.sseptp.org**

09 Registration & infos

Registration fee
Registration fees are **Rs 1000/- per head** (food included but without accommodation).

Payment
Payment can be operate online as follow:

Name: Sanskrithi Schoof of Engineering
Bank : Syndicate Bank
Branch: Beedupalli
A/C No: 31633070000646
IFSC: SYNB0003163

Last date for registration
28 I 01 I 2017

Contact
events@sseptp.org

Telephone number
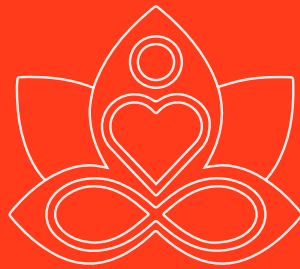Office: +91 9100974538 I 42 I 43

10 Our partners

from Austria EU

ICT4D.at

Austrian Network for Information and Communication
Technologies for Development

from Germay EU

ANAHATA STIFTUNG DE

Calendar of our other upcoming events
at Sanskrithi Group of Institutions

20 & 21 I 01 I 2017
Green Campus Days *go green grow green with us*
2 days placed under the sign of waste awareness and civic behaviour. Students, professors and other participants will be making our learning environment devoid of waste, more responsible for yourselves, all the others and the future generations.

21 I 01 I 2017
RISE Fab Lab Opening
We will proudly celebrate the opening of our new School Fab Lab, an openspace for ideas promoting a more «learning by doing» and playful engineering education.

27 & 28 I 01 I 2017
Smart People for Smart Cities. Futures in Education
The concept of Smart City constitutes both a challenging and inspiring exercise we would like to explore with you. This new hegemonic epithet invites us to question many aspects of the future of our societies and to go beyond mainstream representations diffused by major leading IT companies.

For information and registration please contact us on **events@sseptp.org**

sanskrithi
group of institutions
driven by innovation & creativity

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