## PSG COLLEGE OF TECHNOLOGY

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & Sons' Charities Trust. The institution is equipped with latest facilities and excellent infrastructure. The college has signed MoUs with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum updating and establishment of state-of-art-centers of excellence. The mission of the institution is to provide world-class engineering education, foster research and development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the country.

## ABOUT THE DEPARTMENT

The Department of Information Technology was established in the year 1999 with a vision to develop quality engineers to meet the current needs in the emerging world of IT. The department endeavours to educate students to acquire technical expertise and knowledge in the field of Information Technology. The department offers an under graduate programme in Information Technology and two post graduate programmes in Information Technology and Biometrics and Cyber Security.

## ABOUT THE COMPANY

**Mindnotix** Technologies is a Mobility development company provides solutions using disruptive technologies like AR/VR, IOT, AI and Analytics. The company has worked for more than 300+ application across the globe with clients in US, UK and Middle East. Mindnotix work with a tagline of "Intelligence Meets Innovation".

Mindnotix has exclusive Research and Development division, which focus on bringing solution to all the societal issues like child abuse, water management and smart irrigation system.

Mindnotix have worked for Augmented Reality developments for the Clients in US and Middle East countries. Many Augmented Reality projects have been implemented like primary education where completely visualizes an environment to give education next bigger experience, creating interactive contents for the education system, virtual interior designer, where the products can virtually place and virtual fashion showroom for big brands.

## RESOURCE PERSONS
**Mr. Legrand Charles** – CTO,
AR / VR Development
**Mr.Thanvanth** – Developer,
Unity & Mobile Solutions
**Other experts from Team Mindnotix**

## PSG - MINDNOTIX Collaborative
### National Workshop on
### AUGMENTED REALITY
### OCTOBER 12 & 13, 2018

### ══ REGISTRATION FORM ══

Name: ……………………………………………………

Designation: ……………….…………………………….

Organization: ………………………………….………….

Gender: ……… Address………………………….…

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E-mail: …………………………………………………….

Phone: ……………………………...……………………….

Accommodation Required:  YES / NO

DD Details   DD No.: ……..…………………………….

Amount: ……………..…….Date: …………………………

Bank: …………………………………………………….

Branch: …………………………………………………….

Place:

Date:

Signature

## Accommodation

Accommodation can be provided at nominal cost in PSG Tech hostels based on the availability.

## Registration details

- Students                                    : **Rs.1200**
- Academicians / Research scholars   : **Rs.1800**
- People from industries and R&D    : **Rs.2400**
                                         **(Inclusive of GST)**

A maximum of **50** registrations are permissible on the basis of first come first served. The registration fee is to be paid in the form of demand draft in favor of **"PSG CNCE"** Payable at Coimbatore. Participants must send completely filled up registration form along with demand draft to:

**Ms.D.Dharani,**
**Assistant Professor,**
**Dept. of Information Technology**
**PSG College of Technology**
**Peelamedu, Coimbatore-641 004**
**Ph: 0422-2572177, 2572477, 4344777**
**Mobile: 9952890280 / 9843189648**
**Email:psgarworkshop2018@gmail.com**
**www.psgtech.edu**

**SPOT REGISTRATION AVAILABLE!**
*(Bring Demand Draft along with the filled in registration form for on spot registration)*

## ABOUT THE WORKSHOP

Augmented Realty (AR) is a technology which combines real and virtual worlds, registers the virtual object with the real world and AR must be interactive in real time. AR applications are now available on most of the smartphones and tablets.

The objective of the workshop is to give the mobile AR application development skill to participant using Unity and Vuforia platform. This course will start with the theory and concept of AR. The Trainer will then provide hands-on examples to the participant. The course will focus on leveraging high-quality AR frameworks like Vuforia and Unity 3D. Through the combination of traditional lecture and hands-on works, participants will learn to create their own basic AR application.

## WORKSHOP CONTENTS
### Theory Sessions

- Augmented Reality Basics
- How AR is different from VR & MR
- AR Tools and dependencies
- Application of AR

### Hands on Sessions

- Unity Installation with Vuforia and android SDK
- Vuforia Marker Creation
- Object Import from Unity Asset Store.
- Basic Scripting using C#
- Single Side Image Augmented Reality
- Generating APK files
- Vuforia Object Tracking
- Optimizing and Performance Improvements

**PSG – MINDNOTIX** Collaborative
**National Workshop on**
**AUGMENTED REALITY**

**October 12 & 13, 2018**

Convener
**Dr. K.Umamaheswari**

Co-ordinators
**Dr. B.Vinoth Kumar**
**Dr. V.Ilayaraja**
**Ms.D.Dharani**

**Organized by**
**Department of Information Technology**
**PSG COLLEGE OF TECHNOLOGY**
**Coimbatore – 641 004**
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