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AUGMENTED REALITY WORKSHOP

Bridging the gap...

Technical
partner



ELIXAR
SYSTEM



JUNE 3-7 | 2019

INFORMATION BROCHURE

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WHY AR?

AUGMENTED REALITY IS FAST BRIDGING THE GAP BETWEEN DIGITAL & PHYSICAL WORLD. CSIR-CEERI PLANS TO TAKE YOU OUT FOR AN AR DAY TO GAP IN THE REQUIRED SKILLS. AR IS OUR IMMERSIVE FUTURE AND THUS WE ARE ORGANISING AR DAY ON 03 JUNE, 2019 WITH THE AIM TO FOSTER COLLABORATIVE DEVELOPMENT FOR CREATIVE CONTENT CREATION.

SCHEDULE

DAY 0 :- ORIENTATION (3-06-2019)

VENUE: NPL, AUDITORIUM DELHI
KEYNOTE PRESENTATION BY

- DR PK KHANNA
CHIEF SCIENTIST, CSIR-CEERI
- SASIKUMAR NAIR,
SENIOR SOLUTION ARCHITECT, NVIDIA
- LALIT YAGNIK
EXECUTIVE CHAIRMAN OF SINGAPORE
BASED AR START UP, EON REALITY.

FOLLOWED BY NETWORKING LUNCH

DAY 4 :VALEDICTORY SESSION

VENUE: NPL AUDITORIUM.
A KEYNOTE BY DR AK ASWAL, DIRECTOR
OF NATIONAL PHYSICAL LABORATORY.

HANDS ON SESSION

| DAY | TOPIC | DETAILS |
|-----|---------|--|
| 1 | 3-D DEV | SW INTRODUCTION, MODELLING, DIMENSIONS, NAVIGATION PROJECTIONS, |
| 2 | 3-D DEV | INTERMEDIATE SKILLING, CUP MODELING & TEXTURING, MODIFIER BASICS |
| 3 | UNITY | SW INTRO, NAVIGATION, C# SCRIPTING BASICS, GAME OBJECTS, TRANSFORMATION, BASIC CAR GAME DEVELOPMENT, SCRIPTING MECHANICS |
| 4 | VUFORIA | LINKING OBJECTS, BASIC CAR GAME DEVELOPMENT, SCRIPTING MECHANICS |

PREREQUISITE FOR WORKSHOP

HARDWARE REQUIREMENTS:
NORMAL LAPTOP WITH FUNCTIONAL WEBCAM.
LAN CABLE
ANDROID SMARTPHONE.

SOFTWARE REQUIREMENTS:
PRE LOADED, UNITY, VUFORIA EXTENSION, UNITY SDK
BLENDER

OTHER SALIENT POINTS:
SHOULD HAVE GONE THROUGH SUGGESTED VIDEO LINKS
AND DOCUMENTS

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