



# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada \* Approved by AICTE, New Delhi \* Accredited by NAAC  
Recognized by UGC Under section 2(f) and 12 (B) of UGC Act 1956  
ADB ROAD, ADITYA NAGARA, SURAMPALEM-533437

## Department of Information Technology

Date: 01.07.2019.

To  
The principal  
Aditya College of Engineering & Technology  
Surampalem

Respected sir,

[Through Head of the Department]

Sub: Request for your approval to organize a certification course on "AUGUMENT REALITY" – reg.

It's our greatest pleasure to bring to your kind notice that, we the Department of Information Technology would like to train our 3<sup>rd</sup> year B.Tech students in the **AUGUMENT REALITY** adapted initially, with the help of our staff; as the present world is moving over the software design & simulations and also is a part of the Information Technology. It will be more helpful to the students in theoretical and technical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person : k Vydehi ,  
Asst Professor,  
CSE Dept,  
Aditya Engg College  
Honorarium : Rs. 10000/-

*forwarded to  
The Principal  
R. S. S.*

*Ch. Raghav*  
Course Coordinator

*D*  
PRINCIPAL  
Aditya College of  
Engineering & Technology  
SURAMPALEM- 533 437



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## Department of Information Technology

Date: 02.07.2019

### CIRCULAR

All the 3<sup>rd</sup> year students are here by informed that a Ten-Days program is arranged to enhance the knowledge on **AUGUMENT REALITY**, as per the schedule from 05<sup>th</sup> August 2019 to 17<sup>th</sup> August 2019. It is mandatory to all the students to attend the program and utilize the opportunity. The schedule is attached.

Course Coordinator: Dr. CH V RAGHAVENDRAN  
Professor  
IT Department



Head of the Department



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## Department of Information Technology

### AUGUMENT REALITY Syllabus

1. Introduction
2. The difference between VR and AR
3. Virtual Reality
4. Augmented Reality
5. AR Companies
6. Mixed reality
7. Virtual Reality
8. Introduction
9. Augmented Reality
10. Introduction
11. Examples of AR
12. Creation & Applications of AR and VR
13. SDK and Games Engine
14. Extended Reality in Marketing
15. Application of AR and VR in different industries

  
Course Coordinator

  
Head of the Department

  
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### Schedule of AUGUMENT REALITY Syllabus:

- 05.08.2019: Day-1  
FN Introduction, The difference between VR and AR  
AN Virtual Reality
- 06.08.2019: Day-2  
FN Augmented Reality, AR Companies  
AN Mixed reality, Virtual Reality
- 07.08.2019: Day-3  
FN Introduction, Augmented Reality  
AN Introduction, Examples of AR
- 08.08.2019: Day-4  
FN Related Fields of AR  
AN Adding sound, Multimodal display
- 09.08.2019: Day-5  
FN Related Fields of AR, Adding sound  
AN Multimodal display
- 10.08.2019: Day-6  
FN Visual Perception  
AN Spatial Display Model
- 13.08.2019: Day-7  
FN Visual Display, Tracking of AR  
AN Mobile AR, Creation & Applications of AR and VR
- 14.08.2019: Day-8  
FN SDK and Games Engine, Selecting  
AN 3D Modeling, AR Project Example
- 16.10.2019: Day-9  
FN Extended Reality in Marketing  
AN Application of AR and VR in different industries
- 17.10.2019: Day-10  
FN Assessment test  
AN Valedictory

  
Course Coordinator

  
Head of the Department

  
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