



**Beyond Curriculum Training  
On  
"AR – ADVANCING TECHNOLOGY"  
(BCT-ARAT)**



**15<sup>th</sup> February – 26<sup>th</sup> February 2021  
Organized by  
Narula Institute of Technology  
81, Nilgunj Road, Agarpara,  
Kolkata-700109, West Bengal, India**

**Outline**

This course offers an additional value for the budding engineers by providing a scope for learning and understanding with the recent advances in the field of engineering. The training on the topic will enhance the knowledge on the recent advancements in the field of growing technologies.

**Objective**

To provide a platform to the engineering students for their skill development beyond the curriculum. The training will provide a platform for developing their domain knowledge in the field of real time multimedia delivery mechanisms.

**Course Outcome**

After completion of this course students will be able to:

- Understand the AR (Augmented Reality) – applications, products and business.
- Describe the Augmented Reality technology.
- Describe the Core feature extraction of AR.

**Contact for Registration:**

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## **Course Content**

### **Module 1:**

*“AR (Augmented Reality) Applications, Products & Business” focuses on the variety of AR applications, technologies, products, and businesses.*

### **Module 2:**

*“AR Technology” focuses on AR (Augmented Reality) technologies, operation workflow, and Cloud support technologies.*

### **Module 3:**

*“SIFT SURF FAST BRIEF ORB BRISK” focuses on all of the core feature extraction technologies used in AR (Augmented Reality), which include SIFT, SURF, FAST, BRIEF, ORB, and BRISK.*

### **Module 4:**

*“Skype, YouTube & H.264/MPEG-4 AVC” focuses on the two most famous video service types that exist in the World.*

### **Module 5:**

*“Video Streaming & MPEG-DASH” focuses on advanced video streaming techniques and details on MPEG-DASH (Moving Picture Experts Group - Dynamic Adaptive Streaming over HTTP) technology.*