
2020-2021

NAZARETH COLLEGE OF ARTS AND SCIENCE

*Affiliated to the University of Madras
Re-accredited with 'B' Grade by NAAC*

DEPARTMENT OF COMPUTER APPLICATIONS

CERTIFICATE COURSE

File: ARDUINO

Total Hours Allocated : 30 Hours

Split for Hours Allocated:

- . Teaching and Training: 20 hours
- . Practise with Real Time scenario: 5 Hours
- . Evaluation: 5 Hours

Course Instructor

Ms. R. Angelin Monica

Assistant Professor

Department of Computer Applications

Nazareth College of Arts and Science

Avadi, Chennai - 600062

COURSE ARDUINO SYLLABUS

Module I

Overview of Arduino

Electronic components and connections

Module II

Introduction to Arduino

Arduino components and IDE

Module III

Start Arduino Program

Arduino with Tricolor LED and Push button

Module IV

Arduino with LCD

Display counter using Arduino

Module V

7-segment Display




Principal

Nazareth College of Arts & Science
Kovilpathagai Main Road, Kannadapalayam,
Vellanoor Post, Avadi, Chennai-600062.