



Autonomous (2016-17)

Malad Kandivli Education Society's
NAGINDAS KHANDWALA COLLEGE

**OF COMMERCE, ARTS & MANAGEMENT STUDIES
AND SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE**

(Re-accredited (3rd cycle) by NAAC with 'A' Grade)

ISO 9001 : 2015 Certified

Educational Excellence Award By Indus Foundation, U.S.A.

IMC Ramkrishna Bajaj National Quality Commendation Certificate

Syllabus Along With Course Objectives

And

Outcomes Of The Value Added Courses Offered.

**DR. (MRS.) ANCY JOSE
PRINCIPAL**





Nagindas Khandwala College

Autonomous

Name of the STC – UNDERSTANDING POLLUTION AROUND YOU THROUGH MOBILE APPLICATIONS

- *Number of Credits – 2*
- *Number of students – 100*
- *Students who complete the Course, it will be written as 'Successfully Completed. There will be no grades awarded.*

UNDERSTANDING POLLUTION AROUND YOU THROUGH MOBILE APPLICATIONS

15th April 2019

Course Objectives:

1. To recognize the various forms of pollution
2. To explain the reasons behind each type of pollution
3. To apply various technologies to collect data about pollution
4. To distinguish between areas and the reasons for pollution
5. To develop an understanding about mapping and interpretation of pollution
6. To compare between areas and give applicable solutions

Course Outcome:

1. **CO1:** Learners will be able to recognize the various forms of pollution (**Level: Knowledge**)
2. **CO 2:** Learners will be able to explain the reasons behind each type of pollution (**Level: Comprehension**)
3. **CO 3:** Learners will be able to apply various technologies to collect data about pollution on filed (**Level: Application**)
4. **CO 4:** Learners will be able to distinguish between areas and the reasons for pollution (**Level: Analysis**)
5. **CO 5:** Learners will be able to develop an understanding about mapping and interpretation of pollution (**Level: Synthesis**)
6. **CO 6:** Learners will be able to compare between areas and give applicable solutions (**Level: Evaluation**)





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MALAD (W), MUMBAI - 400 064

Detailed Syllabus

Sr. No.	Particulars	No. of Hours
01	Introduction to Air Pollution	03
02	Introduction to Noise Pollution	03
03	Installation of applications and group formation	03
04	Survey	03
05	Survey	03
06	Survey	03
07	Mapping pollution using Google Maps	03
08	Project	03
09	Project	03
10	Project submission	03
Total no. of Hours		30

Note:

1. The survey will be carried on SV Road
2. The readings will be taken through two different mobile applications
3. The readings will be taken for two timings: peak-time and off-time
4. The readings will have to be plotted on a spatial scale with the help of Google Maps



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