

The background of the slide features a close-up, slightly blurred image of a wooden pencil lying diagonally across a grid of letters and numbers. The grid consists of rows of letters (A through J) and numbers (1 through 10) arranged in a pattern that suggests a form or a data entry sheet. The pencil is positioned in the upper right quadrant, pointing towards the bottom left.

# **COURSE OUTCOME MAPPING** **(For Course Exit Survey)**



***Internet Access / Public URL***

**<https://cms.nia.ac.in/cmsapp>**

***Intranet Access / Local URL***

**<http://192.168.2.30/cmsapp>**

# (1) Subject Outcome Mapping

The screenshot shows the CMS interface for 'Outcome Based Education'. The top navigation bar includes the time '9:40:59 AM', a star icon, a search icon, a bell icon, and a user profile icon. The breadcrumb trail is 'ACADEMIC / OBE'. The page title is 'DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY'. The main content area has three dropdown menus: 'Regulation' (R-2019), 'Degree Program' (B.TECH Artificial Intelligence and Data Science), and 'Course Code / Name' (19ADEN2020 - WEB SERVICES AND DEVOPS). Below these are three buttons: 'CO', 'CO-PO', and 'CO-PSO'. A red arrow points to the search icon in the top right, with the word 'Search' written in red below it.

The screenshot shows the same CMS interface as above, but with a search dropdown menu open on the right. The search input contains 'out'. The dropdown list shows two items: 'Outcome Mapping' and 'Staff Program Outcome', both with star icons. A red arrow points to the search input, and another red arrow points to the 'Outcome Mapping' item, with the word 'Select' written in red between them.

## (2) Choose your subject

The screenshot displays the CMS interface for Outcome-based Education. The left sidebar contains a navigation menu with the following items: Dashboard, Academic, Class Time Table, Continuous assessment, Course / Subject, Event, Hall Booking, Lesson plan, Open Elective and CBCS, Outcome-based education, FORMS, Staff Program Outcome, Outcome Mapping, Student attendance, Subject Card, Admission, Core, FeedBack, Human Resource, and Report. The main content area shows the 'Outcome Based Education' section with the following filters:

- Regulation: R-2019
- Degree Program: B.TECH Artificial Intelligence and Data Science
- Course Code / Name: 19ADEN2020 - WEB SERVICES AND DEVOPS

Below the filters, there are three buttons: CO, CO-PO, and CO-PSO. The text 'Select Regulation -> Degree Program -> Type Course Name' is displayed in red, with 'Type Course Name' highlighted in yellow. A red arrow points to the 'Outcome Mapping' option in the sidebar.

ACADEMIC / OBE  
9:50:11 AM  
DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

Outcome Based Education

Regulation Degree Program Course Code / Name Clear

R-2019 B.TECH Artificial Intelligence and Data Science 19ADEN2020 - WEB SERVICES AND DEVOPS

CO CO-PO CO-PSO

Select Regulation -> Degree Program -> Type Course Name

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

# (3) Select COs



- CMS
- Dashboard
- Academic
  - Class Time Table
  - Continuous assessment
  - Course / Subject
  - Event
  - Hall Booking
  - Lesson plan
  - Open Elective and CBCS
  - Outcome-based education
    - FORMS
      - Staff Program Outcome
      - Outcome Mapping
    - Student attendance
    - Subject Card
  - Admission
  - Core
  - FeedBack
  - Human Resource
  - Report

9:50:11 AM



ACADEMIC / OBE

DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

## Outcome Based Education

Regulation	Degree Program	Course Code / Name	Clear
R-2019	B.TECH Artificial Intelligence and Data Science	19ADEN2020 - WEB SERVICES AND DEVOPS	
CO	CO-PO	CO-PSO	



Select the CO (Course Outcomes will be displayed after typing the course name)

# (4) ADD COs (If applicable)

CMS

10:04:38 AM

DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

ACADEMIC / OBE / CO

Course Outcome - (CO) 

**Add the CO and Bloom's Level as per the syllabus** 

#	Code	Statement	Sort Order	Actions
1	CO1	Demonstrate the various Amazon web services for deploying applications and monitoring services	1	 
2	CO2	Build CI/CD strategy followed in project development using GIT, Docker and AWS	2	 
3	CO3	Develop Python applications using advanced features	3	 
4	CO4	Demonstrate the PowerShell basic commands for file management with error handling	4	 
5	CO5	Design the PowerShell script for processes, services, management and remote execution	5	 

**Dashboard**

**Academic**

- Class Time Table
- Continuous assessment
- Course / Subject
- Event
- Hall Booking
- Lesson plan
- Open Elective and CBCS
- Outcome-based education**
- FORMS
- Staff Program Outcome
- Outcome Mapping**
- Student attendance
- Subject Card
- Admission

# (5) Verify the COs

The screenshot shows the CMS interface for 'ACADEMIC / OBE / CO'. The top right corner displays the time '9:58:10 AM' and navigation icons. The page title is 'DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY'. The main content area is titled 'Course Outcome - (CO)' and contains a table with 5 rows of COs. A red arrow points to a '+' button in the top right corner of the table area, with the text 'Add CO and Bloos Level As per the Syllabus' above it. Another red arrow points to the 'Edit' icon (pencil) in the 'Actions' column of the first row, with the text 'Edit' next to it. A third red arrow points to the first row of the table, with the text 'Verify the COs (if already posted)' below it.

#	Code	Statement	Sort Order	Actions
1	CO1	Demonstrate the various Amazon web services for deploying applications and monitoring services	1	
2	CO2	Build CI/CD strategy followed in project development using GIT, Docker and AWS	2	
3	CO3	Develop Python applications using advanced features	3	
4	CO4	Demonstrate the PowerShell basic commands for file management with error handling	4	
5	CO5	Design the PowerShell script for processes, services, management and remote execution	5	

The screenshot shows the CMS interface with the 'Update Course Outcomes (COs)' modal form open. The modal has a blue header and contains the following fields: 'Type' (dropdown menu), 'Code \*' (text input), 'Sort Order' (text input), and 'Bloom's Level' (dropdown menu). Below these fields is a 'Statement \*' text area. At the bottom of the modal are 'Update' and 'Close' buttons. A red arrow points from the table in the background to the 'Code \*' field in the modal. The background table is partially visible, showing the same 5 rows of COs as in the previous screenshot. The top right corner of the page shows the time '10:01:51 AM' and navigation icons. The page title is 'DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY'.

Update Course Outcomes (COs)

Type Code \* Sort Order Bloom's Level

CO 1 1 Applying

Statement \*

Demonstrate the various Amazon web services for deploying applications and monitoring services

Update Close

**Thank You**