



# ADHIYAMAAN COLLEGE OF ENGINEERING

(Autonomous)

Affiliated to Anna University – Chennai & Approved by AICTE – New Delhi.

Accredited by NAAC & NBA - UGC, New Delhi


## 1.1.2 - Number of Programmes where syllabus revision was carried out during the last five years

### MASTER OF COMPUTER APPLICATIONS

R-2018 vs R-2020

| Sl. No | Course Code | Course Name                                      | % of Change | Weightage |
|--------|-------------|--|-------------|-----------|
| 1      | 120CAT01    | Data Structure and Algorithms                    | 60          | 0.6       |
| 2      | 120CAT02    | Python Programming                               | 100         | 1         |
| 3      | 120CAE03    | Problem Solving Techniques                       | 40          | 0.4       |
| 4      | 120CAE05    | Cyber Security                                   | 100         | 1         |
| 5      | 120CAE07    | Business Process                                 | 100         | 1         |
| 6      | 120CAE08    | Numerical Methods and Discrete Structures        | 20          | 0.2       |
| 7      | 120CAE10    | Microprocessor and ITS Application               | 100         | 1         |
| 8      | 120CAL01    | Data Structure and Algorithms Lab                | 50          | 0.5       |
| 9      | 120CAL04    | Problem Solving Techniques Lab using C           | 80          | 0.8       |
| 10     | 120CAB001   | Fundamentals of Computing and Programming -1     | 100         | 1         |
| 11     | 120CBP001   | Fundamentals of Computing and Programming Lab -1 | 100         | 1         |
| 12     | 220CAT02    | Object Oriented Programming Using Java           | 20          | 0.2       |
| 13     | 220CAT03    | Cloud Computing                                  | 100         | 1         |
| 14     | 220CAE01    | C# and Dot Net Programming                       | 75          | 0.75      |
| 15     | 220CAE02    | Artificial Intelligence                          | 100         | 1         |
| 16     | 220CAE03    | Block Chain Technology                           | 100         | 1         |
| 17     | 220CAE04    | Mobile Computing                                 | 100         | 1         |
| 18     | 220CAE08    | Organizational Behavior                          | 80          | 0.8       |
| 19     | 220CAE09    | Embedded Systems                                 | 100         | 1         |

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| Sl. No   | Course Code | Course Name                                       | % of Change | Weightage   |
|--|-------------|---|-------------|-------------|
| 20   | 220CAE10    | Environmental Science and Disaster Management     | 100         | 1           |
| 21   | 220CAL01    | Java Programming Lab                              | 20          | 0.2         |
| 22   | 220CAL02    | Cloud Computing Lab                               | 100         | 1           |
| 23   | 220CAL03    | C# and Dot Net Programming Lab                    | 25          | 0.25        |
| 24   | 220CAL04    | Image Processing Lab                              | 100         | 1           |
| 25   | 220CAB001   | Fundamentals of Computing and Programming -II     | 100         | 1           |
| 26   | 220CBP001   | Fundamentals of Computing and Programming Lab -II | 100         | 1           |
| 27   | 320CAE03    | Agile Software Development                        | 100         | 1           |
| 28   | 320CAE04    | Machine Learning Techniques                       | 100         | 1           |
| 29   | 320CAL03    | Machine Learning Techniques Lab                   | 100         | 1           |
| <b>Total Weightage</b>   |             |   |             | <b>23.7</b> |
| <b>(Total weightage of R2015 vs R2018/ No. of courses in R2018) *100 = (23.7/62) *100 = 38.22%</b> |             |   |             |             |
| <b>Total Change % = 38.22%</b>   |             |   |             |             |

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