

SVKM's NMIMS  
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (Campus: Mumbai, Shirpur)  
Teaching Scheme for Academic Year: 2023-24 (Batch 2022-26)  
(As approved in the Academic Council dated -14th October, 2022)

| Name of the Programme : B. Tech Information Technology |                      |  |                                |                       |                           |                          |  | Year of the Programme: Second Year |                               |          | Semester : IV |                                |             |             |                   |                        |                   |                         |                |          |                        |        |                                       |             |                      |
|--|----------------------|--|--------------------------------|-----------------------|---------------------------|--------------------------|--|------------------------------------|-------------------------------|----------|---------------|--------------------------------|-------------|-------------|-------------------|------------------------|-------------------|-------------------------|----------------|----------|------------------------|--------|---------------------------------------|-------------|----------------------|
| Sr. No.  | Module/ Subject Code | Name of the Module                     | Area/Discipline                | Theory Hours per week | Practicals Hours per week | Tutorials Hours per week | Total no. of hours for the subject in a term | Credits                            | Duration of Examination (Hrs) |          | Mode of Exam  | Examination Scheme (Weightage) |             |             |                   |                        |                   |                         | Template Codes | Category | GR applicable (Yes/No) | Remark | Academic council date and page number |             |                      |
|  |                      |  |                                |                       |                           |                          |  |                                    | Term End Examination          | Only ICA |               | Distribution of ICA Marks      |             |             |                   | Term End Examination   |                   | Total                   |                |          |                        |        |                                       |             |                      |
|  |                      |  |                                |                       |                           |                          |  |                                    |                               |          | Test I        | Test II                        | Term work * | Total Marks | Scaled to (Marks) | Marks (Question Paper) | Scaled to (Marks) | Scaled Marks (ICA+ TEE) |                |          |                        |        |                                       | Weightage % |                      |
| 1  | 702BS0C034           | Probability and Statistics             | BSH-Mathematics                | 2                     | 2                         | 0                        | 60   | 3                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           | AC 21.10.2021 Pg 88  |
| 2  | 702CO1C002           | Operating Systems                      | Computer Engineering           | 2                     | 2                         | 0                        | 60   | 3                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           | AC 14.10.2022 Pg 526 |
| 3  | 702IT0C022           | Programming for Analytics              | Information Science/Technology | 1                     | 2                         | 0                        | 45   | 2                                  | 3                             | -        | Practical     | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| 4  | 702IT0C021           | Object Oriented Programming            | Information Science/Technology | 2                     | 2                         | 0                        | 60   | 3                                  | 3                             | -        | Practical     | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| 5  | 702IT0C004           | Principles of Artificial Intelligence  | Information Science/Technology | 2                     | 2                         | 0                        | 60   | 3                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| 6  | 702CO0C023           | Computer Organization and Architecture | Computer Engineering           | 3                     | 0                         | 0                        | 45   | 3                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| 7  | 702IT0C012           | Data Warehousing and Mining            | Information Science/Technology | 2                     | 2                         | 1                        | 75   | 4                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| 8  | 702TF0C001           | Management Accounting for Engineers    | Technology Management-Finance  | 2                     | 0                         | 0                        | 30   | 2                                  | 3                             | -        | Written       | 10                             | 10          | 30          | 50                | 50                     | 100               | 50                      | 100            | 100      | 7031                   | COMP   | Yes                                   | #           |                      |
| <b>Total</b>   |                      |  |                                | <b>16</b>             | <b>12</b>                 | <b>1</b>                 | <b>435</b>                                   | <b>23</b>                          | <b>24</b>                     |          |               | <b>80</b>                      | <b>80</b>   | <b>240</b>  | <b>400</b>        | <b>400</b>             | <b>800</b>        | <b>400</b>              | <b>800</b>     |          |                        |        |                                       |             |                      |


\* Term Work = Viva/ Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.

# Syllabus common for B Tech and MBA Tech Information Technology, can use common question paper

Date: 2.11.2023

  
Kunal/Ketki  
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