

# DR. K. N. MODI UNIVERSITY



## Department of Civil Engineering

Study and evaluation scheme (2018-19)

DIPLOMA

**(Year-I Semester-1<sup>st</sup>)**

| S. NO        | Sub Code | Subject Name                | Period    |          |           | Evaluation Scheme     |            |            | Credit    |
|--------------|----------|-----------------------------|-----------|----------|-----------|-----------------------|------------|------------|-----------|
|              |          |                             | L         | T        | P         | Continuous Assessment | Final Exam | Total      |           |
|              |          |                             |           |          |           |                       |            |            |           |
| 1            | 01DE109  | Applied Mathematics – I (A) | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 2            | 01DE110  | Applied Physics – I         | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 3            | 01DE111  | Applied Chemistry           | 4         | 0        | 0         | 40                    | 60         | 100        | 4         |
| 4            | 01DE112  | Foundational Communication  | 4         | 0        | 0         | 40                    | 60         | 100        | 4         |
| <b>Lab</b>   |          |                             |           |          |           |                       |            |            |           |
| 1            | 01DP108  | General Workshop Practical  | 0         | 0        | 4         | 50                    | 50         | 100        | 2         |
| 2            | 01DP111  | Applied Chemistry Lab       | 0         | 0        | 4         | 50                    | 50         | 100        | 2         |
| 3            | 01DP1010 | Seamless Learning           | 0         | 0        | 2         | 100                   |            | 100        | 1         |
| 4            | 01DP1011 | Co-Curricular Activities    | 0         | 0        | 2         | 100                   |            | 100        | 1         |
| <b>Total</b> |          |                             | <b>14</b> | <b>2</b> | <b>12</b> |                       |            | <b>800</b> | <b>22</b> |

**(Year-I Semester-II<sup>nd</sup>)**

| S. No.       | Sub Code   | Subject Name                 | Period    |          |           | Evaluation Scheme     |            |             | Credit    |
|--------------|------------|------------------------------|-----------|----------|-----------|-----------------------|------------|-------------|-----------|
|              |            |                              | L         | T        | P         | Continuous Assessment | Final Exam | Total       |           |
|              |            |                              |           |          |           |                       |            |             |           |
| 1            | 01DME201   | Applied Mechanics            | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 2            | 01DE208    | Applied Mathematics – I (B)  | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 3            | 01DE209    | Applied Physics – II         | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 4            | 01DCE201   | Building Material            | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 5            | 01DME209   | Engineering Drawing          | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| <b>Lab</b>   |            |                              |           |          |           |                       |            |             |           |
| 1            | 01DPME201  | Applied Mechanics Lab        | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 2            | 01DP209    | Applied Physics Lab          | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 3            | 01DPCE2012 | Building Material Lab        | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 4            | 01DPCS221  | Introduction to Computer Lab | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 5            | 01DP2010   | Seamless Learning            | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| 6            | 01DP2011   | Co-Curricular Activities     | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| <b>Total</b> |            |                              | <b>17</b> | <b>3</b> | <b>12</b> |                       |            | <b>1100</b> | <b>26</b> |

**(Year-II Semester-IIIrd)**

| S. NO        | Sub Code  | Subject Name                                      | Period    |          |           | Evaluation Scheme     |            |             | Credit    |
|--------------|-----------|---|-----------|----------|-----------|-----------------------|------------|-------------|-----------|
|              |           |   | L         | T        | P         | Continuous Assessment | Final Exam | Total       |           |
| 1            | 02DCE308  | Elementary of Electrical & Mechanical Engineering | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 2            | 02DCE309  | Strength of Material                              | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 3            | 02DCE310  | Hydraulics  | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 4            | 02DCE311  | Public Health Engineering                         | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 5            | 02DCE313  | Civil Engineering Drawing – I                     | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| <b>Lab</b>   |           |   |           |          |           |                       |            |             |           |
| 1            | 02DPCE309 | Strength of Material Lab                          | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 2            | 02DPCE310 | Hydraulics Lab                                    | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 3            | 02DPCE311 | Public Health Engineering Lab                     | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 4            | 02DPCE313 | Auto Cadd lab                                     | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 5            | 02DP3010  | Seamless Learning                                 | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| 6            | 02DP3011  | Co-Curricular Activities                          | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| <b>Total</b> |           |   | <b>18</b> | <b>2</b> | <b>12</b> |                       |            | <b>1100</b> | <b>26</b> |

**(Year-II Semester-IV<sup>th</sup>)**

| S. NO        | Sub Code  | Subject Name  | Period    |          |           | Evaluation Scheme     |            |             | Credit    |
|--------------|-----------|---|-----------|----------|-----------|-----------------------|------------|-------------|-----------|
|              |           |   | L         | T        | P         | Continuous Assessment | Final Exam | Total       |           |
| 1            | 02DCE407  | Surveying I   | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 2            | 02DCE408  | Soil Mechanics & Foundation Engg .                  | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 3            | 02DCE409  | Building Construction & Maintenance Engineering     | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 4            | 02DCE410  | Concrete Technology                                 | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 5            | 02DCE412  | Functional Communication                            | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| <b>Lab</b>   |           |   |           |          |           |                       |            |             |           |
| 1            | 02DPCE407 | Surveying I Lab                                     | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 2            | 02DPCE408 | Soil Mechanics & Foundation Engineering Lab         | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 3            | 02DPCE409 | Building Construction & Maintenance Engineering Lab | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 4            | 02DPCE410 | Concrete Technology Lab                             | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 5            | 02DP4010  | Seamless Learning                                   | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| 6            | 02DP4011  | Co-Curricular Activities                            | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| <b>Total</b> |           |   | <b>20</b> | <b>0</b> | <b>12</b> |                       |            | <b>1100</b> | <b>26</b> |

**(Year-III Semester-V<sup>th</sup>)**

| S. NO        | Sub Code  | Subject Name                            | Period    |          |           | Evaluation Scheme     |            |             | Credit    |
|--------------|-----------|---|-----------|----------|-----------|-----------------------|------------|-------------|-----------|
|              |           |   | L         | T        | P         | Continuous Assessment | Final Exam | Total       |           |
|              |           |   |           |          |           |                       |            |             |           |
| 1            | 03DCE510  | Design of Reinforced Concrete Structure | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 2            | 03DCE511  | Transportation Engineering              | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 3            | 03DCE512  | Estimation, Costing & Valuation         | 3         | 1        | 0         | 40                    | 60         | 100         | 4         |
| 4            | 03DCE513  | Surveying II                            | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| 5            | 03DCE514  | Irrigation Engineering                  | 4         | 0        | 0         | 40                    | 60         | 100         | 4         |
| <b>Lab</b>   |           |   |           |          |           |                       |            |             |           |
| 1            | 03DPCE510 | Reinforced Concrete Structure Lab       | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 2            | 03DPCE511 | Transportation Engineering Lab          | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 3            | 03DPCE513 | Surveying II Lab                        | 0         | 0        | 2         | 50                    | 50         | 100         | 1         |
| 4            | 03DP5010  | Seamless Learning                       | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| 5            | 03DP5011  | Co-Curricular Activities                | 0         | 0        | 2         | 100                   |            | 100         | 1         |
| <b>Total</b> |           |   | <b>17</b> | <b>3</b> | <b>10</b> |                       |            | <b>1000</b> | <b>25</b> |

**(Year-III Semester-VI<sup>th</sup>)**

| S. NO        | Sub Code  | Subject Name   | Period    |          |           | Evaluation Scheme     |            |            | Credit    |
|--------------|-----------|--|-----------|----------|-----------|-----------------------|------------|------------|-----------|
|              |           |  | L         | T        | P         | Continuous Assessment | Final Exam | Total      |           |
|              |           |  |           |          |           |                       |            |            |           |
| 1            | 03DCE607  | Environmental Pollution & Control                                | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 2            | 03DCE608  | Design of Steel & Masonry Structure                              | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 3            | 03DCE609  | Construction Management, Accounts & Entrepreneurship Development | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 4            | 03DCE610  | Civil Engineering Drawing-II                                     | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| 5            | 03DCE611  | Earthquake Engineering   | 3         | 1        | 0         | 40                    | 60         | 100        | 4         |
| <b>Lab</b>   |           |  |           |          |           |                       |            |            |           |
| 1            | 03DPCE606 | Field Exposure   | 0         | 0        | 2         | 50                    | 50         | 100        | 1         |
| 2            | 03DPCE609 | Project Work   | 0         | 0        | 4         | 50                    | 50         | 100        | 4         |
| 3            | 03DP6010  | Seamless Learning  | 0         | 0        | 2         | 100                   |            | 100        | 1         |
| 4            | 03DP6011  | Co-Curricular Activities   | 0         | 0        | 2         | 100                   |            | 100        | 1         |
| <b>Total</b> |           |  | <b>15</b> | <b>5</b> | <b>10</b> |                       |            | <b>900</b> | <b>28</b> |