

## Rajiv Gandhi Technological University, Bhopal (MP) B.E. (CM) Chemical Engineering Revised Syllabus and Scheme of Examination Effective from July 2010-11

## **SEVENTH SEMESTER**

|    | Cours | Cours Course Subject Co |                                  |    | Contact Period |    |    | Distribution of Marks |      |         |        |       |
|----|-------|-------------------------|----------------------------------|----|----------------|----|----|-----------------------|------|---------|--------|-------|
| S  | е     | Codes                   |                                  |    |                |    |    | The                   | Pra  | Inte    | ernal  | Total |
|    | Categ | (New)                   |                                  | L  | Т              | Р  | С  | ory                   | ctic | Asse    | ssment |       |
| N  | ory   |                         |                                  |    |                |    |    |                       | al   | NAC     | T\\\ / |       |
| 0  |       |                         |                                  |    |                |    |    |                       |      | MS<br>T | TW     |       |
| 1  | DC    | CM-701                  | Elective-I                       | 3  | 1              | _  | 4  | 100                   | _    | 20      | -      | 120   |
|    | (E) 1 |                         |                                  |    | -              |    |    |                       |      |         |        |       |
| 2  | DC    | CM-702                  | Elective-II                      | 3  | 1              | -  | 4  | 100                   | -    | 20      | -      | 120   |
|    | (E) 2 |                         |                                  |    |                |    |    |                       |      |         |        |       |
| 3  | DC 21 | CM 703                  | Process                          | 3  | 1              | 2  | 6  | 100                   | 50   | 20      | 30     | 200   |
|    |       |                         | Equipment Design                 |    |                |    |    |                       |      |         |        |       |
|    | DC 22 | ON 4 70 4               | Observational Description        | _  | 4              | 2  | ,  | 100                   | F0   | 20      | 20     | 200   |
| 4  | DC 22 | CM 704                  | Chemical Reaction Engineering II | 3  | 1              | 2  | 6  | 100                   | 50   | 20      | 30     | 200   |
| 5  | DC 23 | CM 705                  | Environmental                    | 3  | 1              | 2  | 6  | 100                   | 50   | 20      | 30     | 200   |
|    |       |                         | Engineering                      |    |                |    |    |                       |      |         |        |       |
| 6  | DC    | CM 706                  | Minor Project                    | 0  | 0              | 4  | 4  | -                     | 50   | -       | 50     | 100   |
|    | (P) 2 |                         |                                  |    |                |    |    |                       |      |         |        |       |
| 7  | DC    | CM 707                  | Industrial Training              | 0  | 0              |    | 1  |                       | 30   |         | 30     | 60    |
|    | (P) 3 |                         | & Seminar                        |    |                |    |    |                       |      |         |        |       |
| To | Total |                         |                                  | 15 | 5              | 12 | 32 | 500                   | 230  | 100     | 170    | 1000  |

Note Industrial training completed before seventh semester; will be evaluated in VII semester.

| CM 701    | Elective I                           | CM-702     | Elective II              |
|-----------|--------------------------------------|------------|--------------------------|
| CM 701(A) | Petroleum Processing Tech.           | CM 702 (A) | Transport Phenomena      |
| CM 701(B) | Safety Engg and Hazard<br>Management | CM 702 (B) | Polymer Technology       |
| CM 701(C) | Pharmaceutical Technology            | CM 702 (C) | Novel Separation Methods |

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