

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES (R 2013)

COURSE NAME: **DIPLOMA IN TECHNICAL CHEMISTRY**

COURSE CODE: **DTC**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FOURTH**

FULL TIME/PART TIME: **FULL TIME**

| SR. NO | SUBJECT TITLE | SUBJECT CODE | SCHEME | | | EXAMINATION SCHEME | | | | | | | | | | | | TOTAL MARKS |
|--------|---------------------------------------|--------------|--------|---|----|--------------------|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|----|-------------|
| | | | L | T | P | PAPER HRS | TH | | TEST | TOTAL | | P | | OR | | TW | | |
| | | | | | | | Max | Min | | Max | Min | Max | Min | Max | Min | | | |
| 1 | Basics of Weaving | 135TM41 | 3 | - | 2 | 3 | 80 | 32 | 20 | 100 | 40 | - | - | - | - | 50 | 20 | 150 |
| 2 | Technology of Bleaching & Mercerizing | 135CH42 | 3 | - | - | 3 | 80 | 32 | 20 | 100 | 40 | - | - | - | - | - | - | 100 |
| 3 | Chemistry of Dyeing | 135CH43 | 3 | - | - | 3 | 80 | 32 | 20 | 100 | 40 | - | - | - | - | - | - | 100 |
| 4 | Introduction to Printing | 135CH44 | 3 | - | - | 3 | 80 | 32 | 20 | 100 | 40 | - | - | - | - | - | - | 100 |
| 5 | Introduction to Colour Harmony | 135CH45 | 1 | - | 3 | - | - | - | - | - | - | - | - | - | - | 50 | 20 | 50 |
| 6 | Dye House Practical-I | 135CH46 | - | - | 8 | - | - | - | - | - | - | 150 | 60 | - | - | 50 | 20 | 200 |
| 7 | Professional Practices* | 135CH47 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | 50 | 20 | 50 |
| 8 | Student Centered Activity/Test | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | TOTAL | - | 13 | 2 | 15 | - | 320 | - | 80 | 400 | - | 150 | - | - | - | 200 | - | 750 |

Student Contact Hours per week (Formal Teaching): 28 Hours + 2 Hours Student Centered Activity/test

Theory, Practical and Tutorial periods are of 60 minutes duration.

Total Marks : 750

Abbreviations : L- Lecture, T – Tutorials, P – Practical, TH –Theory, OR – Oral, TW- Term work

All practical, Oral & Term work assessment are to be done as per the prevailing norms implementation & assessment

* Personality Development

External Examiner allotted for all theory, practical and oral examinations except marked @ where external examiner is not required.