| Maharashtra State Board Of Technical Education, Mumbai | | | | | | | | | | | | | | 25 12:41:48 PM | | | | | | | | | | |
|---|--|-------------|----------------|----------------|--------------|--------------------------------|----------|---|--------------------------------|-----------------|---------|----------|-----------|-------------------|-----|-----------------------------|-----|-----|-----|------------------------------|-----|-----|---------|--|
| Learning and Assessment Scheme for Post S.S.C Diploma Courses | | | | | | | | | | | | | | | | | | | | | | | | |
| Programme Name : Diploma In Chemical Engineering | | | | | | | | | | | | | | | | | | | | | | | | |
| Pr | ogramme Code | : СН | | | | | | With Effect From Academic Year : 2023-24 | | | | | | | | | | | | | | | | |
| Dι | uration Of Programm | e :6 | | | | | Duration | | | | | WEI | EKS | | | | | | | | | | | |
| Se | mester | : Si | NCrF Entry L | | | | | | | | | | | | | | | | | | | | | |
| | · C Tid | Abbrevation | | | | | | | arning Schen | rning Scheme | | | | Assessment Scheme | | | | | | | | | | |
| Sı | | | Course Type | Course Code | Total IKS | Actual Contact Hrs./Week | | ict | Self Learning | Notional | C 1:4 | Paper | Theory | | | Based on LL & TL Practical | | | & | Based on Self Learning | | | | |
| No | | | | | Hrs for | | | | (Activity/ Lea Assignment l | Learning Hrs | Credits | Duration | | | | | | | | | | | | |
| | | | | | Sem. | CL | TL | LL | /Micro Project) | /Week | | (hrs.) | FA- TH | SA- TH | То | tal | FA- | PR | SA- | PR | SI | ιA | Wiai Ks | |
| | | | | | | | | | 1 Toject) | | | | Max | Max | Max | Min | Max | Min | Max | Min | Max | Min | | |
| (All Compulsory) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | MANAGEMENT | MAN | AEC | 315301 | 1 | 3 | - | - | 1 | 4 | 2 | 1.5 | 30 | 70*# | 100 | 40 | - | - | - | - | 25 | 10 | 125 | |
| 2 | EMERGING TRENDS IN CHEMICAL ENGINEERING | ETCE | DSC | 316301 | - | 4 | - | | | 4 | 2 | 1.5 | 30 | 70*# | 100 | 40 | - | - | - | - | - | - | 100 | |
| 3 | CHEMICAL ENGINEERING DRAWING & DESIGN | CEDD | DSC | 316302 | Ż | 4 | | 4 | | 8 | 4 | 04 | 30 | 70 | 100 | 40 | 25 | 10 | - | - | - | - | 125 | |
| 4 | MASS TRANSFER OPERATION | МТО | DSC | 316303 | 1 | 4 | | 4 | 2 | 10 | 5 | 03 | 30 | 70 | 100 | 40 | 25 | 10 | 25# | 10 | 25 | 10 | 175 | |
| 5 | PROCESS SIMULATION IN CHEMICAL ENGINEERING | PSCE | SEC | 316003 | 7 | 2 | <u>-</u> | 2 | | 4 | 2 | - | | - | - | - | 25 | 10 | 25@ | 10 | - | - | 50 | |
| 6 | CAPSTONE PROJECT | СРЕ | INP | 316004 | - | . | - | 2 | 2 | 4 | 2 | | 1 | | | 1 | 50 | 20 | 50# | 20 | 50 | 20 | 150 | |
| Ot | ther (Any - One) | • | | | | | | | | | | | | 10 | | | | | - | | - | | - | |

| S | | | Course Type | | | | | Le | Learning Scheme Ass | | | | | | | ssess | ment | Sch | eme | | | | |
|---|---|-------------|----------------|----------------|----------------------------|---------|----|----|-------------------------------------|-----------------------------|---------|-------------------|--------|-----------|-------|-------|-----------------------------|-----|-------|-----|------------------------------|-----|----------------|
| | Sr No Course Title | Abbrevation | | Course Code | Total IKS Hrs for | COMPACE | | ct | Self Learning (Activity/ Assignment | Notional Learning Hrs | Credits | Paper Duration | Theory | | | | Based on LL & TL Practical | | | . & | Based on Self Learning | | Total Marks |
| | | | | | Sem. | CL | TL | LL | | /Week | | (hrs.) | | SA- TH | Total | | FA-PR | | SA-PR | | SLA | | Ivial KS |
| | | | | | | | | | Troject | | 100 | | Max | Max | Max | Min | Max | Min | Max | Min | Max | Min | |
| 7 | BIOPROCESS TECHNOLOGY | BPT | DSE | 316304 | 2 | 3 | - | 2 | 1 | 6 | 3 | 03 | 30 | 70 | 100 | 40 | 25 | 10 | 25# | 10 | 25 | 10 | 175 |
| | FERTILIZER & AGROCHEMICA TECHNOLOGY | _ FAT | DSE | 316305 | - | 3 | - | 2 | 1 | 6 | 3 | 03 | 30 | 70 | 100 | 40 | 25 | 10 | 25# | 10 | 25 | 10 | 175 |
| | PETROCHEMICA TECHNOLOGY | L PCT | DSE | 316306 | - | 3 | - | 2 | 1 | 6 | 3 | 03 | 30 | 70 | 100 | 40 | 25 | 10 | 25# | 10 | 25 | 10 | 175 |
| | | 4 | 20 | | 14 | 6 | | 20 | | 150 | 350 | 500 | | 150 | | 125 | | 125 | | 900 | | | |

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA - Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends: @ Internal Assessment, # External Assessment, *# On Line Examination, @\$ Internal Online Examination

Note:

- 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
- 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
- 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
- 5. 1 credit is equivalent to 30 Notional hrs.
- 6. * Self learning hours shall not be reflected in the Time Table.
- 7. * Self learning includes micro project / assignment / other activities.

Course Category: Discipline Specific Course Core (DSC), Discipline Specific Elective (DSE), Value Education Course (VEC), Intern./Apprenti./Project./Community (INP), AbilityEnhancement Course (AEC), Skill Enhancement Course (SEC), GenericElective (GE)