



C. U. SHAH UNIVERSITY, Wadhwan City

Name of Program : M. Tech.

Name of Branch : Mechanical Engineering (CAD/CAM)

Semester : I

W.E.F. – June 2014

| Sr. No. | Branch Code | Subject Code | Name of the Subject | Teaching Scheme (Hours) | | | | Credits | Evaluation Scheme | | | | | | | |
|---------|-------------|--------------|---|-------------------------|----|----|-------|---------|-------------------|-------|-----------------|-------|-------------------|-----|-------|------------|
| | | | | Th | Tu | Pr | Total | | Theory | | | | Practical (Marks) | | Total | |
| | | | | | | | | | Sessional Exam | | University Exam | | Internal | | | University |
| | | | | | | | | | Marks | Hours | Marks | Hours | Pr/Viva | TW | | Pr |
| 1 | 09 | 5TE01CDM1 | Computer Aided Design and Modeling (CADM) | 4 | 0 | 0 | 4 | 4 | 30 | 1.5 | 70 | 3 | --- | --- | --- | 100 |
| 2 | | 5TE01CPM1 | Computer Aided Production Management (CAPM) | 4 | 0 | 2 | 6 | 5 | 30 | 1.5 | 70 | 3 | --- | 20 | 30 | 150 |
| 3 | | 5TE01RMV1 | Robotics and Machine Vision (RMV) | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | --- | --- | --- | 100 |
| 4 | | 5TE01AMD1 | Advanced Machine Design (AMD) | 4 | 0 | 0 | 4 | 4 | 30 | 1.5 | 70 | 3 | --- | --- | --- | 100 |
| 5 | | 5TE01AMT1 | Advanced Material Technology (AMT) | 3 | 0 | 0 | 3 | 3 | 30 | 1.5 | 70 | 3 | --- | --- | --- | 100 |
| 6 | | 5TE01CDS1 | CAD Software (CADS) | 0 | 0 | 4 | 4 | 2 | --- | --- | --- | --- | --- | 20 | 80 | 100 |
| 7 | | 5TE01XXX1 | Department Elective – I (DE-I) | 4 | 0 | 2 | 6 | 5 | 30 | 1.5 | 70 | 3 | --- | 20 | 30 | 150 |
| Total | | | | 22 | 0 | 08 | 30 | 26 | 180 | - | 420 | --- | --- | 60 | 140 | 800 |

DEPARTMENT ELECTIVE – I

| Subject Code | Subject Name |
|--------------|--|
| 5TE01TDS1 | Tribology in Design and Surface Engineering (TDSE) |
| 5TE01VCM1 | Vibration Analysis and Condition Monitoring (VACM) |
| 5TE01DHP1 | Design of Hydraulic and Pneumatic System (DHPS) |
| 5TE01RVE1 | Reverse Engineering (RE) |

Th- Theory, Tu-Tutorial/Seminar/Field Work,

Pr-Practical, TW-Term Work

Note: - Theory----- 1 hr = 1 Credit,

Tutorial/Practical-----2 hr = 1 Credit.