



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B. Tech. Scheme of Examination & Syllabus 2022-23

COMPUTER ENGINEERING

V Semester

| Sr No | Course Code | Course Title | Hours per Week | | | Credits | Maximum Marks | | |
|--------------|-------------|---|----------------|----------|----------|-----------|----------------------|---------------------|------------|
| | | | L | T | P | | Continual Assessment | End Sem Examination | Total |
| 1 | 22CE501T | Software Engineering and Project Management | 3 | - | - | 3 | 30 | 70 | 100 |
| 2 | 22CE501P | Software Engineering and Project Management Lab | - | - | 2 | 1 | 25 | 25 | 50 |
| 3 | 22CE502T | Operating Systems | 3 | - | - | 3 | 30 | 70 | 100 |
| 4 | 22CE502P | Operating Systems Lab | - | - | 2 | 1 | 25 | 25 | 50 |
| 5 | 22CE503T | Theory of Computation | 3 | - | - | 3 | 30 | 70 | 100 |
| 6 | 22CE504T | Professional Elective-I | 3 | - | - | 3 | 30 | 70 | 100 |
| 7 | 22CE561O | Open Elective - I | 3 | - | - | 3 | 30 | 70 | 100 |
| 8 | 22CE505P | Computer Lab - II | - | - | 2 | 1 | 25 | 25 | 50 |
| 9 | 22AS501T | Economics and Management | 3 | - | - | 3 | 30 | 70 | 100 |
| 10 | 22CE506P | Technical Skill Development - II | - | - | 2 | 1 | 50 | - | 50 |
| 11 | 22CE507T | Career Development-III | 2 | - | - | 0 | Audit | | |
| Total | | | 20 | 0 | 8 | 22 | 305 | 495 | 800 |

| 22CE504T | Professional Elective – I |
|--------------|------------------------------|
| 22CE504T(i) | PE-I Computer Graphics |
| 22CE504T(ii) | PE-I Artificial Intelligence |

| 22CE561O | Open Elective – I |
|--------------|-----------------------------------|
| 22CE561O(i) | OE-I Statistical Analysis using R |
| 22CE561O(ii) | OE-I Software Testing |

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|----------------|------------------|-----------------|---------|------------------------|
| | | July 2024 | 1 | Applicable for 2024-25 |
| Chairman - BoS | Dean – Academics | Date of Release | Version | |