Teaching Learning Methods (UG) First Year Second Year Third Year **Final Year** 1. Induction Programs Orientation, Awakening the Scientist Legend Group seminar **Buddy System** H&S Dept. **Engineering Course Awareness Program** Orientation 2. Course Outcome Curriculum Delivery Mentoring Lectures & Labs **All Departments** Case Study, Mini Projects, Quizzes, Viva etc. **Employment** 3. Bridging activities **SLOW LEARNERS** Ready Remedial Lectures, **Departments Bridge Course** Entrepreneur 4. Students Mentoring Personal and Professional mentoring Ready **Guidance and Motivation** (Mentor-Mentee) Departments Counselling and Emotional Quotient workshop Life Long 5. Innovation and Entrepreneurship **Design & Implementation of Projects** Learning & Entrepreneurship awareness lectures (VRC--SIH, Code Cell-SYRUS, MHRD-E-YANTRA, EDIFICE, Extension **Competitions & Project Exhibitions** ELECRAMA, IIC-ECELL) Hackathor **Activities** 6. Extra-curricular Activities **All Round Activities Higher Study** (SPHURTI, UTSAV, BLISS, ILLUSION) Student Council Ready 7. Inclusiveness & Human Values Gender Equity and Inclusiveness **Gender Specific Activities** (UTSAV, Marathi Bhasha Diwas) Student Council, WDC, ICC National Integration & Religious inclusiveness 8. Social Consciousness & other Activities Legend **Envoirment, Social Consciousness & Sustainability Unnat Bharat Abhiyaan** Cleanliness Drive (Swatchha Bharat Abhiyaan, Plastic Collection) **SORT and H&S Department Blood Donation Camp Tree Plantation** Experiential Learning 9. Co-curricular Activities For Enhancing Technical Edge Workshops/Hands On technical topics Value Added Courses, Department specific Courses (NPTEL, CLOUDERA, ATS, ORACLE, D-LINK, AIA) Departments **Participative** Winter and Summer schools, Certification Learning 10. Skill Development Skill Enhancement Lecture & L& T Lecture Series Mapped to the Courses, Design & Implementation of projects Problem Looking Beyond Syllabus Project, App Developments Program Specific Workshops, Exclusive Scholar Program (TINKERER'S LAB, CODECELL) Departments Solving Methodologies 11. Professional Knowledge, Ethics & Skills For Enhancing Technical skills Technical Workshops/se (IEEE, CSI, ISTE, ISA) Professional Societies Technical paper presentation 12. Industry Interaction Collaborations Industry Visits Industry Internship **Departments VESIT-VERTIV Tech connect event** 13. Training and Placement Activities Industry Readiness and Leadership Soft Skill Enhancement and Employability skills (VESLIT, VESLARC. Shrestha Award) Mock Aptitude tests T&P Cell Finishing school 14. Research Activities Research Projects, Grants Research Publications Research Forum Seminars/Workshops **Departments** Research Grant Projects CHEMBUR. MUMBAI-400 074 15. Higher Studies Activities GRE, GATE, Other public exams Department and T&P **VES Civil Service Academy**

Teaching Learning Methods (ME:- EXTC, INFT, INST) First Year Second Year 1. Course Outcome: **Curriculum Delivery** Lectures & Labs Case Study, Mini Projects, Quizzes, Viva etc. Legend **Employment Ready** 2. Co-curricular Activities For Enhancing Technical Edge Value Added Courses (FDP) **Higher Study Ready** Mapped to the Courses, Design & Implementation of 3. Skill Development: projects Hands on specific software Software: COMSOL, NS2, Mulitisim, LabView, MATLAB. Hands on specific hardware Scilab, GEANT, Talys, VHDL, RSlogix500, Linux Legend Hardware: D-Link wireless equipments, Integrated electronic testing system, High resolution Nuclear Spectroscopy system, DSO, PLC, Hybrid controller and usage in projects Experiential Learning **Participative** 4. Professional Knowledge, Ethics & Skills: Learning Personality & self-development For Enhancing Technical skills Selection of research topic presentation Preparation and delivery in Technical Workshops/Seminars/ Conferences **Problem Solving** Methodologies 5. Industry Interaction: Collaborations **Industry Visits** with reputed industries, RD centres like BARC, IITs Projects 6. Research Activities: Research Projects, Grants Research Talk IIC, Research Forum **Workshops and Training programs** Awareness project grants, funding, IPR



Teaching Learning Methods (MCA Department) First Year Second Year **Third Year** 1. Induction Programs Orientation, **Buddy System** Mentor-Legend MCA Course Awareness Program Mentee 2. Course Outcome Orientation Curriculum Delivery Lectures & Labs Mentoring Case Study, Mini Projects, Quizzes, Viva etc. **All Departments** 3. Bridging Activities **Employment Ready** Remedial Lectures **Bridge Course** SLOW LEARNERS Departments **Entrepreneur Ready** 4. Student Mentoring Personal and Professional mentoring **Higher Study Ready Guidance and Motivation** (SLOW LEARNERS), (Mentor-Mentee) Counselling and Emotional Quotient workshop 5. Innovation and Entrepreneurship Life Long Learning & Design & Implementation of Projects Entrepreneurship awareness lectures **Extension Activities** (VRC--SIH, Code Cell-SYRUS, MHRD-E-YANTRA, EDIFICE, Competitions & Project Exhibitions Hackathon **ELECRAMA, IIC-ECELL)** 6. Extra-curricular Activities All Round Activities Sports Cultural (SPHURTI, UTSAV, BLISS, ILLUSION) Student Council Music Legend 7. Inclusiveness & Human Values Gender Equity and Inclusiveness **Gender Specific Activities** (UTSAV, Marathi Bhasha Diwas) Student Council, WDC, ICC National Integration & Religious inclusiveness Experiential Learning 8. Social Consciousness & other Activities Institute Social Responsibility (ISR) Envoirment, Social Consciousness & Sustainability Societal Projects **Participative SORT and MCA Department Unnat Bharat Abhiyaan** Learning Cleanliness Drive (Swatchha Bharat Abhiyaan, Plastic Collection) **Blood Donation Camp** Tree Plantation **Problem Solving** 9. Co-curricular Activities Methodologies Workshops/Hands On technical topics For Enhancing Technical Edge Value Added Courses, Department specific Courses MOOC (Massive open Online Course) Winter and Summer schools, Certification Value Added Courses 10. Skill Development Mapped to the Courses, Design & Implementation of projects Skill Enhancement Lecture & L& T Lecture Series Looking Beyond Syllabus Project, App Deve (TINKERER'S LAB, CODECELL) Program Specific Workshops, Exclusive Scholar Program 11. Professional Knowledge, Ethics & Skills For Enhancing Technical skills Technical Workshops/sem (IEEE, CSI, ISTE, ISA) Professional Societies Technical paper presentation 12. Industry Interaction Collaborations Industry Internship **VESIT-VERTIV, Leading India AI Industry Projects** Tech connect event 13. Training and Placement Activities Industry Readiness and Leadership Soft Skill Enhancement and Employability skills (VESLIT, VESLARC. Shrestha Award) Mock Aptitude tests T&P Cell Finishing school CHEMBUR. MUMBAI-400 074 14. Research Activities Research Projects, Grants Research Talk Workshops and Training programs IIC, Research Forum Awareness project grants, funding, IPR