**SARDAR VALLBHBHAI PATEL INSTITUTE OF TECHNOLOGY**

**Dept: INFORMATION TECHNOLOGY (16)**

**Subject: SOFTWARE ENGINEERING**

**SUBJECT CODE: 2160701**

**B.E: 6th Semester (Division-I)**

Active Learning Assignments

|  |  |  |  |
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| **Sr. No.** | **Group No.** | **Topic** | **Enrollment no** |
| **BATCH: A** | | | |
|  |  | Software Process models, Evolutionary process models, |  |
|  |  | Agility and agile process model, extreme programming |  |
|  |  | Software metrics, software project estimation |  |
|  |  | Requirement modeling, specification, analysis, elicitation and engineering |  |
|  |  | Project scheduling and tracking, refinement of major task |  |
|  |  | agile process model, component based development |  |
| **BATCH: B** | | | |
|  |  | Risk analysis and management( Identification, Projection, refinement & mitigation) |  |
|  |  | Design concepts & Principles |  |
|  |  | Architectural, component level, user interface & web application design |  |
|  |  | Testing Strategies, Testing Techniques and Test Case |  |
|  |  | Testing Object Oriented Applications |  |
|  |  | CMM, Six Sigma for SE |  |
| **BATCH: C** | | | |
|  |  | Testing Web and Mobile Applications |  |
|  |  | Software Reliability |  |
|  |  | SaaS architecture |  |
|  |  | Emerging trend in software engineering |  |
|  |  | SCM process with its tools |  |
|  |  | Computer-Aided Software Engineering |  |
| **BATCH: D** | | | |
|  |  | Types of software maintenance |  |
|  |  | Software project planning ( MS Project tool) |  |
|  |  | Testing tools( Win runner) |  |
|  |  | Testing tools (load runner) |  |
|  |  | Software Engineering tools (Rational rose) |  |
|  |  | SQA tools |  |

COURSE CO-ORDINATOR I/C HOD

Prof. P.M.Patel I.T.Department