**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Even Semester**

**(2017-18)**

**Class: BCA 4th Sem. Name of the Teacher: Sheenam**

**Subject: Software Project Management Period :2nd (Wed-Sat)**

**Paper : BCA-16-403 Room No : 202(I.T.Block)**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | Jan 08, 2018 | Jan 13, 2018 | | Introduction to project and project  management, role of a project manager in project management, a system view of project  management,  . |
| Week 2 | Jan 15, 2018 | Jan 20, 2018 | | Stakeholders of Project, Project phases and product life cycles, Evolution of  software economics, Improving software economics: reducing product size, |
| Week 3 | Jan 22, 2018 | Jan 27, 2018 | | software processes, team effectiveness, automation through software environments, Principles of  modern software management |
| Week 4 | Jan 29, 2018 | Feb 3, 2018 | | Project Management Framework, Software Tools for Project Management, Issues in Project Staff Acquisition and Team formation and  Development, |
| Week 5 | Feb 5, 2018 | Feb 10, 2018 | | Model based software architectures, Workflows of the process, |
| Week 6 | Feb 12, 2018 | Feb 17, 2018 | | Checkpoints of the process.  Integration Management: Project selection, project management plans,  project execution |
| Week 7 | Feb 19, 2018 | Feb 24, 2018 | | project monitoring and controlling, integrated change control |
| Week 8 | Feb 26, 2018 | Mar 03 , 2018 | | Scope Management: project scope statement, Work breakdown  structures, Scope verification and scope control, |
| **2nd week March (Mid Semester Exam)** | | | | |
| Week 9 | March 12, 2018 | | March 17, 2018 | Process instrumentation and seven core  metrics.Iterative process planning, |
| Week 10 | March 19 , 2018 | | March 24, 2018 | Project organizations and  responsibilities,Process automation. |
| Week 11 | March 26, 2018 | | March 31, 2018 | Time Management; Importance of Project Schedules, Sequencing and  Scheduling Activity, |
| Week 12 | April 02, 2018 | | April 07, 2018 | Project Network Diagrams, PERT/CPM, Gantt charts |
| Week 13 | April 09, 2018 | | April 14 , 2018 | Critical chain scheduling. |
| Week 14 | April 16, 2018 | | April 21, 2018 | Project Cost Management - Importance and Principles of Project Cost  Management, Resource Planning, |
| Week 15 | April 23, 2018 | | April 28, 2018 | Cost Estimating Techniques and. Expert Judgment,  Estimating by Analogy, COCOMO Model, |
| Week 16 | April 30, 2018 | | May 05, 2018 | Cost Budgeting and Control |