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

**Teaching Plan Even Semester**

**Session (2018-19)**

**Class: B Sc IIA/BA Name of the Teacher:Dr. Indu Jindal**

**Subject: Maths Period :III (3-6)**

**Paper : II Room No : 128**

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| **S. No** | **Dates** | **Topics to be covered** |
| Week 1 | 14 /01/2019 – 19/01/2019 | The Laplace Transform |
| Week 2 | 21/01/2019 –  25/01/2019 | The Laplace Transform |
| Week 3 | 28/01/2019 –  2/02/2019 | The Laplace Transform |
| Week 4 | 4/02/2019 –  9/02/2019 | Inverse Laplace Transform |
| Week 5 | 11/02/2019 –  16/02/2019 | Inverse Laplace Transform |
| Week 6 | 18/02/2019 –  23/02/2019 | Application of Laplace Transform |
| Week 7 | 25/02/2019 –  02/03/2019 | Application of Laplace Transform |
| Mid Semester Exam | | |
| Week 8 | 11/03/2019 –  16/03/2019 | Partial Differential Equation of first order |
| Week 9 | 18 /03/2019 –  22/03/2019 | Partial Differential Equation of first order |
| Week 10 | 25/03/2019 –  30/03/2019 | Power Series Solution of Differential Equations |
| Week 11 | 1/04/2019 –  6/04/2019 | Power Series Solution of Differential Equations |
| Week 12 | 8/04/2019 –  12/04/2019 | Bessel’s Equations and Bessel’s Functions |
| Week 13 | 15/04/2019 –  20/04/2019 | Bessel’s Equations and Bessel’s Functions |
| Week 14 | 22/04/2019 –  27/04/2019 | Legendre’s Equation and Legendre’s Functions |
| Week 15 | 29 /04/2019 –  3/05/2019 | Legendre’s Equation and Legendre’s Functions |