

**TEXT BOOKS FOR ALL STUDENTS**  
**(COMMON FOR ALL FIRST DEGREE PROGRAMMES)**  
**FIRST SEMESTER, 2019-2020**  
**(FIRST YEAR )**

| S.No.  | COURSE No. & TITLE                             | TEXTBOOK   | Price in (Rs.)      |
|--|--|--|---------------------|
| 1.   | BITS F111<br>Thermodynamics                    | (i) Borgnakke, Claus & R.E. Sonntag<br>Fundamentals of Thermodynamics<br>WSE, 7th ed.,2009<br><br>(ii) Adopted from Book by VanWylen & Others<br>Thermodynamics Tables, Figures & Charts<br>Notes- EDD, 2007 | 849.00<br><br>----- |
| 2.   | CHEM F110<br>Chemistry Laboratory              | Chemistry Faculty<br>Lab Manual for Chemistry Laboratory<br>Notes-EDD, 2007  | -----               |
| 3  | MATH F111<br>Mathematics I                     | Weir, Maurice D. and Others<br>Thomas' Calculus<br>Pearson Education, 14th ed., 2017   | 899.00              |
| 4  | PHY F110<br>Physics Laboratory                 | Physics Faculty<br>Lab Manual for Physics Laboratory (Part-I & II)<br>Notes-EDD, 2007  | -----               |
| For Degree Programme Codes -- <b>For 2019 A2, AB, B1, B2 B3, B4, B5, D2</b>    |  |  |                     |
| 5(A)   | BITS F110<br>Engineering Graphics              | Kulkarni, D.M. and Others<br>Engineering Graphics with AutoCAD<br>Prentice Hall of India, Rev. ed.,2009  | 325.00              |
|  | CHEM F111<br>General Chemistry                 | (i) Atkins, P W and Julio de Paula<br>Elements of Physical Chemistry<br>Oxford University Press, International, ed, 6 <sup>th</sup> ed<br>2017.  | 595.00              |
|  |  | (ii) Solomons, T W G & G B Fryhle<br>Organic Chemistry<br>Wiley, Global edition, 12 <sup>th</sup> ed. 2016   | 919.00              |
|  | EEE F111<br>Electrical Science                 | (i) Bobrows, Leonard S & Navneet Gupta<br>Foundation of Electrical Engineering<br>OUP, Rev. ed., 2015, Asian Edition   | 725.00              |
|  | PHY F111<br>Mechanics, Oscillations &<br>Waves | (i) Kleppner, Daniel & R J Kolenkow<br>An Introduction to Mechanics<br>TMH, 1st ed. 2007   | 650.00              |
| (ii) French, Anthony P<br>Vibrations and Waves<br>CBS, 1st ed. 2003            |  | 295.00   |                     |
| For Degree Programme Codes -- <b>for 2019, A1, A3, A4, A7, A8</b>              |  |  |                     |
| 5(B)   | BIO F110<br>Biology Laboratory                 | Lab Manual for Biology Laboratory<br>Notes-EDD, 2nd ed., 2012  | -----               |
|  | BIO F111<br>General Biology                    | Simon, Eric J<br>Campbell Essential Biology with Physiology<br>Pearson Edu. 5th e.d., 2015   | 899.00              |
|  | BITS F112<br>Technical Repot Writing           | Sharma, R. C. and Krishna Mohan<br>Business Correspondence & Report Writing<br>TMH, 4th ed., 2010  | 625.00              |
|  | CS F111<br>Computer Programming                | Hanly, Jeri R & E.B. Koffman<br>Problem Solving & Program Design in C<br>Pearson Education, 7th ed., 2013  | 819.00              |
|  | ME F110<br>Workshop Practice                   | (i) Parashar, B S N and R K Mittal<br>Elements of Manufacturing Processes<br>Prentice Hall of India, 2003  | 395.00              |
| (ii) Sangwan, K. S. and Others<br>Workshop Practice Manual<br>Notes –EDD, 2007 |  | -----  |                     |

- NOTE:**
- Books will be available in the **BOOKSHOP** located in the **AKSHAY** (Super Market) from **27.07.2019** onwards.
  - EDD-Notes will be available in **Softcopy Format** from Instructor- In-Charge
  - 15%** discount is allowed on **CASH** Purchases.