**SS3 SCHEME OF WORK BASIC ELECTRONICS**

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| 1-2 | SATELLITES | * Explain concept of satellite communication. * Explain principles of transmission and reception system. * Explain the principles of operation of: Dish/LNB, Frequency charger, Video crystal decoder, MPU and Audio section. * Explain types of satellite dish and LBN |  |
| 3-4 | ICTS | * Explain the operations of telephone. * Explain the operations of internet system. * Explain the operations of Global system mobile(GSM) |  |
| 5-6 | CONTROL CIRCUITS | * Explain the concept of control circuits. * State types of control circuits * Explain principles of operation of control circuits. |  |
| 7-8 | SERVO-MECHNISMS | * Explain the operations of servo-system. * Explain the applications of a servo-system. |  |
| 9 | Entrepreneurship in Electronics | * Mention possible business opportunities in electronics. * Discuss sources of fund for business take off. * Explain budgeting. * Explain business management. |  |