

(c) **PROCUREMENT OF SOME ADVANCED EQUIPMENTS**(for research and consultancy)  
Workstations HP Z840 Intel R), Xeon (R) Processor E5-2650 V3 2.3GHZ 8GB DDR3 RAM

**17. REQUIREMENT FOR BETTERMENT :**

- a.) Revision of course curriculum is in process at ICD, UG and PG level as per relevant technologies of today such as AI, Machine Learning, IoT, Data Analytics and cyber security etc. New laboratories infrastructure has to be set up in the department. therefore there is a requirement of special budgetary allocation for equipment and space(labs).
- b.) Recruitment of regular faculty and staff.
- c.) Smart classrooms are required.
- d.) MoUs with the industry for training/Project development are needed.

**18. STRENGTH OF THE DEPARTMENT:**

- i. Well qualified, experienced and dedicated faculty and staff.
- ii. Well-equipped laboratory infrastructure.
- iii. Diversity of students.
- iv. Different levels of courses (ICD, UG, PG, Ph.D.) whereby one course can provide the student intake to next higher-level course.
- v. Research fellowships to support the research.
- vi. Strong book bank through central and departmental library and access to various online journals.

**WEAKNESS OF THE DEPARTMENT:**

- i. Locational disadvantage affecting faculty retention.
- ii. Enough faculty and staff positions are not sanctioned in proportion to the increased student intake.
- iii. Lacking in consultancy and funded research projects.
- iv. Shortage of smart classrooms.

**19. INTERNATIONAL EXPOSURE**(in the form of visiting professor or academic associates)

2015-16	2016-17	2017-18
<b>Dr. Manoj Kumar Sachan:</b> International conference on Electrical and Electronics: Techniques and Applications (EETA2015) on Aug. 23-24, 2015 at Phuket (Thailand)	<b>Dr. Vinod Kumar Verma:</b> International conference ANZCAR-2017 on June 17-18 at Melbourne, Australia.	<b>Dr. Vinod Kumar Verma:</b> International conference MSPN-2018 on June. 18-20 at Paris, France.
<b>Dr. Vinod Kumar Verma:</b> International conference AC MOS-2016 on Jan. 29-31 at Venice, Italy.	<b>Dr. Damanpreet Singh</b> Government of China Sponsored International Training Workshop on New Technologies of Broadband Optical Network on 12October - 31October 2016 at	<b>Mrs. Gurjinder Kaur:</b> International Conference on Intelligent, Secure and Dependable Systems in Distributed and Cloud Environments (ISDDC-2017) on