



NIET
GREATER NOIDA
"Think Processwork, Think NIET"

Department of Computer Science and Engineering

ACTIVITY BASED LEARNING REPORT

B.Tech Sem VI

Branch: CSE

1. Subject Name: Parallel Algorithm

Time : 9:30-10:25 AM & 12.15

Date: 17/02/2017

Paper Code: NCS- 063

Section: B+C

2. Title : Bitonic Sort

3. Methodology: Recursion: Recursive call of merge can be done in parallel using comparators.

4. Procedure for conducting the activity: Students have been assigned specific number of bitonic sequence , comparators and processors and they are positioned at unordered sequence First of all divide into two sequences and the comparators are used for sorting recursively until the given sequence are arranged in sorted sequence.

5. Result and Analysis: Finally the numbers are arranged in ascending order and students were happy to understand this activity by performing practically in the class.

6. Photograph :



Photographs of activity





