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| ***ISE CERTIFICATION COURSE DETAILS*** | | | |
| ***NAME:*** | ***Prathiksha*** | ***USN:*** | ***4AL16IS036*** |
| ***SEMESTER:*** | ***8*** | ***MENTOR:*** | ***Ms.Vanyashree*** |
| ***COURSE NAME:*** | ***Learn basic of data structure and algorithm*** | ***DATE:*** | ***28-05-2020*** |
| ***SCREENSHOT:*** | | | |
| ***BRIEF REPORT: (POINT-WISE)***   1. ***Apply basic algorithmic techniques such as greedy algorithms, binary search, sorting and dynamic programming to solve programming challenges.*** 2. ***The course covers basic algorithmic techniques and ideas for computational problems arising frequently in practical applications: sorting and searching, divide and conquer, greedy algorithms, dynamic programming.***   ***3).We will learn a lot of theory: how to sort data and how it helps for searching; how to break a large problem into pieces and solve them recursively;***  ***4).when it makes sense to proceed greedily; how dynamic programming is used in genomic studies. You will practice solving computational problems, designing new algorithms, and implementing solutions .*** | | | |