



**Netaji Subhas University
of Technology**

LAB REPORT

OPERATING SYSTEMS

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1 Process Creation and Termination

1.1 Process Creation

1.1.1 The fork() System Call

A process is created by the fork() system call. The fork() system call creates a child process that is an exact copy of the parent process.

The fork() system call returns twice. The first time it returns the process ID of the child process to the parent process. The second time it returns 0 to the child process.

1.1.2 The exec() System Call

1.2 Process Termination

1.2.1 The exit() System Call

1.2.2 The wait() System Call