Aldel Education Trust's

St. John College of Engineering and Management, Palghar

(A Christian Religious Minority Institution)
Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE
St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404
NAAC Accredited with Grade 'A'

DEPARTMENT OF COMPUTER ENGINEERING

Lab code: CSL602   **Class:** T.E./COMP/A2 & A3

Course name: Cryptography & System Security Lab

EXPERIMENT 2

Aim: Implementation and analysis of RSA cryptosystem [LO1].

Theory:

Following points have to be included:

1. What is public key cryptography?
2. Block diagram of RSA algorithm
3. Description of RSA algorithm
4. Theoretically solve RSA algorithm *[theoretical result and code attached should match]*.

Implementation:

Students are required to implement the logic in Java or Python.

Conclusion: Please write your conclusion here.

References: Mention your references here.

Viva Questions:

1. Explain the working of RSA algorithm.
2. What are the advantages of RSA algorithm? Explain with an example.
3. What are the disadvantages of RSA algorithm? Explain with an example.

Faculty In-charge:

Mr. Vivian Lobo