SHIV NADAR UNIVERSITY CHENNAI, KALAVAKKAM – 603110
SCHOOL OF SCIENCE & HUMANITIES - MATHEMATICS

REGULATION 2021

MA1001 **LINEAR ALGEBRA** **L T P C**
3 1 0 4
(Common to B. Tech AI & DS, B. Tech CSE (IoT) & B.Tech CSE (Cybersecurity)

COURSE OUTCOMES:

After the completion of the course, the student will be able

CO 1. To find the basis and dimension of vector space.

CO 2. To Obtain the nullity and rank of linear transformation.

CO 3. To find the eigenvalues and eigenvectors of linear transformations.

CO 4. To find an orthonormal basis of inner product space.

CO 5. To apply matrix decomposition in engineering and find least square

approximations to the system of equations.