A topic for TAE-1 (Poster) and TAE-2 (PPT) 5 marks each: (Same topic for both TAE)
Groups are defined as below. Co-ordinate and prepare on said or nearby topics.
Submit before 11 April 2021

Topic No.	Topic	Roll number
1	Application of Matrices in graphic software	C01
		C02
		C03
		C04
2	Application of Matrices in study of Electrical circuits, Quantum mechanics and Optics	C05
		C06
		C07
		C08
3	Application of Matrices for Modeling of physical systems in Engineering	C09
		C10
		C11
		C12
4	Matrix transformations in aeroplane and spacecraft	C13
		C14
		C15
		C16
5	Matrix in CT (CAT) scans & MRI scan.	C17
		C18
		C19
		C20

6	Coding using Matrix	**C21**
		C22
		C23
		C24
7	Matrices in Robotics and Automation	**C25**
		C26
		C27
		C28
8	Matrices as Data structures in IT	**C29**
		C30
		C31
		C32

9	Use of Matrices In GEOLOGY	**C33**
		C34
		C35
		C36
10	Use of Matrices In Economics and Optimization	**C37**
		C38
		C39
		C40
11	Innovative method to solve simultaneous Equations using Vedic maths method	**C41**
		C42
		C43

		C44
12	Innovative method to evaluate determinant, ad joint and Inverse using Vedic maths method	**C45**
		C46
		C47
		C48
13	MATLAB program to Print 2 by 2 matrix	**C49**
		C50
		C51
		C52
14	Geometrical Interpretation of various types of matrices	**C53**
		C54
		C55
		C56
15	Geometrical Interpretation of Inverse, Determinant and basic operations of matrices	**C57**
		C58
		C59
		C60
16	Solving SUDOKU Puzzles using Matrix	**C61**
		C62
		C63
		C64
17	MATLAB program to print matrix of addition of two 2 by 2 matrices	**C65**
		C66
		C67

		C68
18	MATLAB program to print matrix of addition add two 3 by 3 matrices	**C69**
		C70
		C71
		C72

19	Geometrical Interpretation of Eigen Values and Eigen vectors of matrix	**C73**
		C74
		C75
		C76
20	Application of Matrices in Image Processing	**C77**
		C78
		C79
		C80
21	Matrix and cryptography	**C81**
		C82
		C83
		C84
22	A decision matrix in Transportation	**C85**
		C86
		C87
		C88
23	Matrix Minimum Method for Transportation Problem	**C89**
		C90

		C91
		C92
		C93
24	Differentiation and its applications in Engineering	**C94**
		C95
		C96
		C97
		C98
		C99