



NAVI MUMBAI

# MATLAB

## Mid term 1

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BTech (CSBS) -Semester VII

8 August 2022, 09:35AM



# Mid term 1 Syllabus

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## **Unit 2: Working with variables, workspace and misc commands**

1. Creating MATLAB variables, overwriting variable,
2. error messages, making corrections,
3. controlling the hierarchy of operations or precedence,
4. controlling the appearance of floating point number,
5. managing the workspace, keeping track of your work session,
6. entering multiple statements per line, miscellaneous commands



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## **Unit 3: Matrix, array and basic mathematical functions**

1. Matrix generation, entering a vector
2. entering a matrix, matrix indexing
3. colon operator, linear spacing
4. creating a sub-matrix, dimension
5. matrix operations and functions matrix generators
6. special matrices, array and array operations
7. solving linear equations, other mathematical functions