

Syllabus for UPES MEET

General Engineering

Fundamentals of Electrical Circuits, Electrical Machines, Control and Measurement and Power system.

Fundamentals of analog and digital electronics

Fundamentals of kinetics, Friction, Fundamentals of machine tools, Introduction to laws of thermodynamics, Properties of Steam, Introduction to fluid properties, Fluid dynamics.

Fundamentals of Energy and Environment.

Syllabus for English:

Verbal ability, language comprehension and grammar.. Verbal reasoning ,contextual usage, analogies, Antonyms, Fill in the blanks, sentence correction, Sentence completion, one word substitution, different usage of same words.

Syllabus for General Aptitude Test:

Logical reasoning and analytical ability, Decision making and problem solving, General mental ability, Basic numeracy (numbers and their relations, order of magnitude etc.) Data interpretation (charts, graphs, tables, data sufficiency etc.)

Syllabus for Engineering Mathematics:

Differential Equations (ordinary and partial), fundamentals of differential calculus, fundamentals of integral calculus, fundamentals of vector calculus, numerical techniques, determinants and matrices.