UNIVERSITY OF ENGINEERING & MANAGEMENT,KOLKATA

Detailed syllabus of (Skill Development For Professionals) SDP exams of B.Tech students:-

**B.Tech 3rd year students (5th Semester) Paper Code- GS581:-

Module 1:- Quantitative Aptitude: Number system, LCM and HCF, Factors, Unit digit, Remainders theorem.

Module 2:- Logical Reasoning: Sitting arrangement, Puzzle, Simple to moderate puzzle, Coding decoding, Blood relations, Inequality, Number series.

Module 3:- Verbal Ability: Comprehension passage, miscellaneous correction/ improvement, Blank fillers, Idioms/ phrases, Synonyms/ Antonyms/ Rearrangement.

Module 4: Data Interpretation and Data sufficiency: Various simple to moderate problems solved.

Module-5:- C Programming.

**B.Tech 2nd year students (3rd Semester) Paper Code- GS381:-

Module 1:- Quant: Simple Interest, Compound Interest, Quadratic equation, Progression and series, Miscellaneous (Ratio proportion, Profit and loss, Percentage, Simplification, Number system)

Module 2:- Logical Reasoning: Inequality, Syllogism, Clock, Calendar, Coding, Decoding, Statement, Assumption

Module 3:- Verbal Ability: Error correction (Noun, pronoun, Subject verb agreement), Fill in the blanks, Group verb, Idioms, Miscellaneous

Module 4: Data Interpretation: Simple Data Interpretation.

Module 5: C Programming.

**B.Tech 1st year students (1st Semester) Paper Code- GS-181:-

Module 1:- Quant: Quant foundation, Simple equation, Ratio and Proportion, Percentage, Profit and loss.

Module 2:- Logical Reasoning: Alpha Numeric series, Direction test, Coding Decoding, Number Series, Blood relation.

Module 3:- Verbal Ability: Error correction (Basic Grammar skill), Synonyms and Antonyms, Idioms, Tense, Noun, Pronoun.

Module 4:- C Programming.