



श्री माता वैष्णो देवी विश्वविद्यालय  
**Shri Mata Vaishno Devi University**  
**Kakryal, Katra-182320**

(A State University recognized under Section 2 (f) & 12 (B) of UGC Act of 1956)

**SYLLABUS FOR ENTRANCE TEST OF B.TECH. (LATERAL ENTRY) ADMISSION (2025-26)**

CBSE XII Level

**ENGLISH**

1. Grammar and Usage
2. Parts of speech
3. Nouns
4. Pronouns
5. Adjectives
6. Articles
7. Verbs
8. Adverbs
9. Prepositions
10. Conjunction
11. Interjection
12. Identifying parts of speech
13. Using a word as different parts of speech
14. Pair of words (Words commonly confused and misused)
15. Tenses
16. Correction of incorrect sentences
17. One word substitution
18. Forms of verbs
19. Narration
20. Voice
21. Idioms and Phrases

**PHYSICS**

1. Units and Dimensions.
2. Force and Motion
3. Rotational Motion
4. Work, Power and Energy
5. Properties of Matter
6. Thermometry
7. Waves and Vibrations
8. Optics
9. Electrostatics
10. DC Circuits
11. Electromagnetism
12. Semiconductor physics
13. Modern Physics

**COMPUTER**

1. Basic of Computers
2. Input-output devices
3. MS Office
4. Operating Systems
5. Basics of Networking
6. Internet and its Applications

**MATH**

1. Algebra
2. Calculus
3. Trigonometry
4. Co-Ordinate Geometry
5. Differential Calculus
6. Integral Calculus
7. Ordinary Differential Equations
8. Statistics

विज्ञानं ब्रह्म

Sd/-

Chairman

UG Admission Committee