

**AY 2024-25 - PUC-I - SYLLABUS FOR CAT-4**

S.No	Subject	Syllabus
1	TELUGU	1. స్నేహలతాదేవి లేఖ. 2. నా పేరు ప్రజాకోటి. 3. తెలంగాణ జాతీయాలు. 4. అనువాదం. 5. అరవైగా మారిన ఇరవై.
2	ENGLISH	1. POEM: THE NOBLE NATURE 2. PROSE: BOX AND COX 3. SHORT STORY: THE DINNER PARTY <b><u>GRAMMAR: TRANSFORMATION OF SENTENCES</u></b> A)DIRECT & INDIRECT SPEECH B)ACTIVE VOICE & PASSIVE VOICE
3	MATHEMATICS	<b>MA103:</b> 1. Trigonometry [Exercise-6(D), 6(E), 6(F)] 2. Trigonometry Equations [Exercise-7(A)] 3. Inverse Trigonometry Function [Exercise-8(A)] 4. Hyperbolic Functions[Exercise-6(A), 6(B), 6(C)] <b>MA104:</b> 1. Limits and Continuity [Exercise-8(B), 8(C), 8(D), 8(E)] 2. Differentiation [Exercise-9(A)]
4	PHYSICS	From 7.6 Angular velocity and it's relation with linear velocity to 9.12 Weightlessness
5	CHEMISTRY	1) Gaseous State 2) Redox Reactions 3) Hydrogen and Compounds 4) s-Block and 13th Group Elements
6	INFORMATION TECHNOLOGY	Unit – 5 – Problem Solving, Flowcharts and Algorithms
7	BIOSCIENCE	Unit 5 and Unit 6
8	SANSKRIT	1. శ్రీ కృష్ణా శ్రీ గురు దక్షిణా 2. టిటిభ దంపతి కథా 3. సస్వతమ హీ కార్యకరణీయమ 4. సంవిత పరీక్షా

Sd/-  
Academic Section