IIIT Hyderabad UGEE — SUPR & REAP Cutoffs and Pattern Guide

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IIIT Hyderabad's UGEE (for 5-year Dual Degree B.Tech + M.S. by Research in CSE/ECE) is a 3-hour exam split into **SUPR (Subject Proficiency: 60 minutes)** and **REAP (Research Aptitude: 120 minutes)**. Look at the cutoff trends below.

UGEE Section	Duration & Qs	Marking Scheme	Recent Cutoff	How IIIT-H Evaluates It
Section 1: SUPR (PCM Subject Proficiency)	60 Min · ~40 Qs	+1 / –0.25	**14 – 18 / 40** (Qualifying Gate)	Screening cutoff only! Your REAP paper is checked only if you clear SUPR cutoff.
Section 2: REAP (Research & Reasoning)	120 Min · 50 Qs	+2 / –0.50	**66 – 74 / 100** (Interview Call)	**100% of Interview shortlisting is based on your REAP score** (once SUPR is cleared)!

What Type of Questions Come in REAP (100 Marks)?

REAP Pillar	Topic & Question Style	Qs / Paper	Expert Suggestions
1. Computational Linguistics	Alien/Unknown Language Translation 🔥 Morpheme, Prefix/Suffix & Word Order 🔥	**8 – 10** 🔥	* You are given 6–8 sentences in an unfamiliar language (Swahili, Basque, Turkish) with English translations. Compare two sentences differing by 1 word to isolate roots & tenses!
2. Scientific Passage & Hypothesis Testing	Experimental Control vs Variable 🔥 Graph Extrapolation & Data Flaws 🔥	**14 – 16** 🔥	* Never use outside knowledge that contradicts the passage. Eliminate any option that confuses correlation with causation.
3. Algorithmic, Coding & Combinatorial Logic	Flowcharts, Pseudo-Code & Loops 🔥 P&C, Probability & Game Theory 🔥	**15 – 18** 🔥	* Trace flowcharts with a small test input (n = 2 or 3) on paper. P&C, Probability, and Graph puzzles dominate this block.