Vedam Merit Score Calculation
Student Guide

Quick summary

- Each **subject** is graded out of **100 marks**.

- **Contests** contribute **40%** (i.e., up to **40 marks**). There are **3 or 4 contests** per subject; each contest is **out of 50**, so the raw total will be **out of 150 (3 contests)** or **out of 200 (4 contests)**. That raw contest total is **scaled** down to **40 marks**.

- **Mock interviews** contribute **60%** (i.e., up to **60 marks**). Each mock interview is scored **out of 60** and used directly. You will have 1 mock interview per subject in a semester.

- **Subject total** = *Scaled contest marks (out of 40) + Mock marks (out of 60)* → **out of 100**.

- The **Structure in this doc is for this semester only**. You will get the exact structure for each semester going forward.

ADYPU Credit and Marks distribution

Sem	Course Code	Basket	Course title	CR	UT	ET	OR/P R/JU	CA	Total	Passing
1	E0005A	BSCE	Mathematics for AI - I	4	20	50	-	30	100	40
	E0018A	BSCE	General Physics	3	20	50	-	-	70	28
	E0018B	BSCE	General Physics Laboratory	1	-	-	25	25	50	20
	E00017A	BSCE	System & Web Basics	3	20	50	-	-	70	28
	E00017B	BSCE	System & Web Basics Laboratory	1	-	-	25	25	50	20
	E0025A	BSCE	Fundamentals of Programming - Java	3	20	50	-	-	70	28
	E0025B	BSCE	Fundamentals of Programming - Java Laboratory	1	-	-	25	25	50	20
	E0028B	HSSM	Professional Communication	2	-	-	25	25	50	20
	E0033B	SKILL	Problem Solving through Programming Workshop	2	-	-	25	25	50	20
	E0035B	LILC	Co curricular activities - I	2	-	-	25	25	50	20
				22	**80**	**200**	**150**	**175**	**605**	**242**

CR-> Credit, UT-> Mid Term, ET-> End Term, OR/P/JU-> Mock Interview, CA-> Continuous Assessment

Vedam Merit Score (Rules & assumptions)

1. **Each contest is out of 50 marks.**

    ○ If a subject had 3 contests, contest raw max = 150.

    ○ If a subject had 4 contests, contest raw max = 200.

2. **The contest component is normalized** so that regardless of whether we had 3 or 4 contests, the contest contribution becomes a number from 0 to 40.

3. **Mock interview is already out of 60** and directly contributes up to 60 marks.

4. **Missing data**: if a student missed a contest or mock, the raw sum will reflect the marks earned; the scaling still uses the full contest maximum (150/200) unless a different make-up policy is communicated.

Step-by-step formula (mathematical)

Let:

- `C_raw` = sum of contest marks for the subject (e.g., sum of 3 or 4 contest scores).

- `C_max` = maximum possible contest marks for that subject (3 contests → 150, 4 contests → 200).

- `M` = mock interview marks (out of 60).

Then:

1. `Contest_scaled = (C_raw / C_max) * 40` →outof40→ out of 40

2. `Subject_total = Contest_scaled + M` →outof100→ out of 100

Worked example (4 subjects)

Assumptions used in this example

- Each contest is out of 50.

- Subject A & C had 4 contests (max 200). Subjects B & D had 3 contests (max 150).

Subject	Contest scores (each out of 50)	C_raw	C_max	Contest_scaled (out of 40)	Mock (out of 60)	Subject total (/100)
Java (Subject A)	40, 35, 28, 30	133	200	(133/200)*40 = 26.60	50	26.60 + 50 = 76.60
Web (Subject B)	45, 40, 35	120	150	(120/150)*40 = 32.00	42	32.00 + 42 = 74.00
Workshop (Subject C)	30, 25, 20, 15	90	200	(90/200)*40 = 18.00	55	18.00 + 55 = 73.00
Maths (Subject D)	50, 45, 40	135	150	(135/150)*40 = 36.00	58	36.00 + 58 = 94.00

SUBJECT	LinkedIn Profile	C.V. + Email	Presentation	Attendance	Total
Professional Communication	10 Marks	20 Marks	15 Marks	5 Marks	50 Marks
	Assignment	Case - Study	Presentation	Attendance	Total
Co-Curriculum Activity - I	10 Marks	10 Marks	25 Marks	5 Marks	50 Marks

FAQ / Edge cases

Q: What if the mock was not taken or is 0?
 A: The subject total will reflect the missing mock — The score is 0 out of 60.

Q: How are ties broken (same CGPA)?
 A: Tie-breaking rules (if needed for ranking) will be communicated separately.

Use Case of Vedam Merit Score

Specific mappings to ADYPU CGPA

- **Fundamentals of Programming - Java Lab (ADYPU) — 50 Marks contribution**
  - Formula: `ADYPU_Fundamentals of Programming-Java Lab= (Vedam_Java_total / 100) * 50`
- **Systems and Web Basics Lab (ADYPU) — 50 Marks contribution**
  - Formula: `ADYPU_Systems and Web Basics Lab = (Vedam_Web_total/100) * 50`
- **Problem Solving through Programming Workshop (ADYPU) — 50 Marks contribution**
  - Formula: `ADYPU_ProblemSolvingThroughProgrammingWorkshop = (Vedam_Workshop_total / 100) * 50`
- **Maths for AI (ADYPU) — 30 Marks contribution to Continuous evaluation for Maths for AI**
  - Formula: `ADYPU_MathsAI = (Vedam_MathsAI_total / 100) * 30`

  Notes:

  - `Vedam_<subject>_total` means the final subject total from Vedam (Contest_scaled + Mock), which is already on a 0–100 scale.

Access to Innovation Lab

- **Eligibility rule:** Students must have an **average Vedam Merit Score ≥ 60** to gain access to the Innovation Lab.

- ○ *How average is calculated:* take the four Vedam subject totals (each out of 100), add them and divide by 4.
- ○ *Example:* Vedam totals = 80, 70, 78, 90 → average = (80+70+78+90)/4 = 79.5 → **access granted**.
- ○ If the average is **less than 60**, the student **will not have access** to the Innovation Lab.
- ○ **Exception Clause**
  Extraordinary cases may be considered for access based on exceptional performance, projects, or demonstrated innovation potential, even if the average Vedam Merit Score is below 60.

Access to Placement Opportunities

- **Eligibility rule:** Students must have an **average Vedam Merit Score ≥ 75** to be eligible for placement/Internship opportunities in *top tier companies** provided or facilitated by Vedam.
- **Average Vedam Merit Score < 30** won't be considered for Placements at Vedam.
- Calculation Criteria:
  - ○ *How average is calculated:* same as above — average of the four Vedam subject totals (each out of 100).
  - ○ *Example:* Vedam totals = 80, 70, 78, 90 → average = 79.5 → **eligible for placements/ internships at top tier companies**.
  - ○ If the average is **less than 75**, the student **will not be eligible** for placement/Internship opportunities in top tier companies provided by Vedam.

* NOTE: At time of placements and internships, Vedam School of Technology will be releasing a tier wise list of companies basis package offered, brand equity, etc. Top Tier companies will constitute the best of the lot.