SANSKRIT AND AI / PART 12 / STUDY NOTES

Sanskrit and AI, Part 12: The Body That Is Built

Study notes by Sanskrit AI Universe, based on this video

Video by Dr P.R.K. Varma, Founding Editor · DrVARMA PRK · 18 Nov 2026

Not the creator's own slides

Sanskrit AI Universe

About these notes

— Official title: SANSKRIT and AI, Part 12: The Body That Is Built | Dr.P.R.K.Varma.,M.D.,D.M.

— Speaker and channel: Dr P.R.K. Varma, Founding Editor · DrVARMA PRK

— Published 18 Nov 2026 · Running time 32 min 28 s · https://www.youtube.com/watch?v=YFtQEFErKOo

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— Caption source: English auto-generated subtitles. Wording may be imperfect. Distinctive phrases follow the captions closely.

This part in brief

- This one is mine, he said, and he took hold of his brick and drew it out.
- They fell by one part they had not made, had not measured and had not asked about.
- In this one, the hand builds a body and we ask what a machine must know about the body it is given.
- It rises in five layers of baked brick and it is commonly built in the shape of a bird with its wings spread.
- It must work inside a body that it did not choose.

Chapter one, the measure

— Before a body can act, three things must be settled, what its size is, what counts as a measurement, and how near is near enough.

Problem one, a body that does not know its own size

— Then gears wear, a gripper is exchanged for another, a camera is knocked.

— So the hand is not quite where the mind thinks it is.

— The first altar covers seven and a half square man lengths, not seven and a half of some standard kept in a temple, seven and a half of this man.

— So a tall patron has a larger altar and a short one a smaller.

Problem two, three things all called measurement

- There is the standard that the reading is checked against, and there is the copy, the model in the computer.
- All three produced numbers, all three get called data, and once they sit in one table, nobody can say which is which.
- It is the common word to this day for an image or a model of something.
- So one line of the altar keeps three bricks apart, which our tables mix, a reading, a standard, a likeness.

Problem three, a fit that is perfect or else fails

— A method that needs things exact will stop at the first thing that is not.

— By the company's account, one robot then made espresso drinks from half past five in the morning until half past 11 at night.

— Now take the most famous Gayatri of all, the prayer to the sun that this Veda also carries.

— A meter is not undone by one syllable or by two.

Chapter two, the bricks

— A body is assembled from parts and a skill from pieces of experience.

— Four questions decide whether the pile will stand, which pieces are special, what must not be harmed, what runs through all the layers, and how the hole may grow. may grow.

Problem four, few demonstrations and endless motion

— In March 2025, the chipmaker NVIDIA released a model for humanoid robots called Groot N 1 and described how its training data was made.

— Mixed with the real recordings, the generated ones raised the model's performance by 40% over real data alone.

— So the method works, but it leaves a question that no generator can answer.

— These go into every place the named bricks have left and all of them are laid with one and the same formula.

Problem five, force with no forbidden zone

— For 50 years, robot safety meant one thing, do not collide, keep the arm inside its cage and the people outside.

— They are told what to do in ordinary words in kitchens and wards and workshops and a new kind of error appears, the act that hits nothing and is still wrong.

— Earth, on whom the gods are worshipped, may I not harm the root of your plant.

— The words The words do not harm return through these chapters like a refrain.

Problem six, a stack with no way through

— In 2025, the international standard for the safety of industrial robots was revised for the first time since 2011. since 2011.

— When every layer is a trained model, what passes through all of them and belongs to none?

— The altar has a channel that the builders did not make.

— Among the named bricks, three are not bricks at all.

Problem seven, growth that loses its shape

— So the makers of robots began to gather movements by the tens of thousands.

— A robot's success in new places rises in a steady curve with the number of different rooms and different objects it has practiced with.

— Past a certain point, more recordings of the same object in the same room add almost nothing. almost nothing.

— So growth has a shape, pile on one side, and the body becomes larger and lopsided.

Chapter three, the living body

— A body that only stands is a statue. A working body has three more needs.

— It must know what each limb is for. It must live by a calendar and it must be mended when it wears.

Problem eight, limbs that cannot name their work

- It fails for a soft hand or a cheap one printed in plastic or anybody that bends in ways no equation was written for.
- The shape of its own body and how each point of that body moves when each motor is driven.
- And at one point, he passes over his own body part by part and says of each what it is to be.
- My breath, the ruler, my eye, the overlord, my tongue, gladness, my voice, might. voice, might.

Problem nine, a body with no calendar

— So the minds we build for robots are born without a sense of season.

— A battery drains, a motor grows warm, a joint that has turned a million times is not the joint it was. it was.

— In July 2025, the Chinese maker UBTECH showed a humanoid, the Walker S2, that deals with one of these cycles itself.

— So the year runs up through the body from the base to the top.

Problem 10, the maker worn out by making

- They are the parts that work hardest, and so they are the parts that wear first.
- So the question for a builder is not how to make a body that never wears.
- The altar builders were not making machines and nothing here says that they were.
- And for problems one, two, six and ten, we have described common practice, not a single study.

Sources and credit

— Study notes by Sanskrit AI Universe, based on the video “SANSKRIT and AI, Part 12: The Body That Is Built | Dr.P.R.K.Varma.,M.D.,D.M.”. These are not the creator's own slides.

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— Watch the video: https://www.youtube.com/watch?v=YFtQEFErKOo

— Captions used: English (auto-generated) (en), retrieved on 24 November 2026 via a public Invidious instance. Auto-captions can mis-hear words; obvious proper-name spellings were given in IAST where the journal already uses them.

— Also used: the official video title and description, and the Watch catalogue note already published in this journal (presenter and why the video is listed).

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