

You're Cold? I'm Hot!

Sharing something that's been bothering me since I started paying attention to how we Indians cool ourselves.

The world has been cooling rooms and entire buildings since 1902. In 124 years, nobody in the western world has engineered a system to comfort the specific individuals inside them.

And nobody seemed to notice that no two people feel temperature the same way – a pregnant woman, a menopausal woman, an autistic child, your 80-year-old mother. Same room, completely different thermal realities.

There wasn't even an English word for it.

Until we coined one.

Consider one woman's life.

- As a newborn, her surface-area-to-volume ratio is 4x that of an adult – sweat glands immature.
- As a menstruating teenager, hormonal cycles create monthly oscillations in how she feels temperature – in a classroom designed to male-normative standards.
- In her third trimester at 28, basal metabolic rate up 15–20%, blood volume up 45% – she's burning in a 22 degrees C office.
- At 35, hypothyroid – the same office now feels frigid.
- At 50, menopausal – spontaneous hot flushes interspersed with shivering chills.
- At 62, on chemotherapy – thermoregulation disrupted more profoundly than at any prior point in her life.
- At 75 – sweat gland function down 30–50%, and a heatwave that younger adults endure with discomfort becomes life-threatening for her.

One missing and non-existent word holds the weight of that entire journey.

So we coined not one, but five entirely new terms.

For use by you and me, and scientists, doctors, HVAC engineers, social researchers, climate warriors, everyone.

Parallel to how neurodivergence gave the world language for neurological differences, we've created the vocabulary for thermal differences:

Thermodivergence – the phenomenon of your thermal perception departing from any comparator.

Thermodivergent – describing you, when your experience of temperature differs from the norm, your own baseline, or the person next to you.

Thermotypical – the assumed comfortable middle. Relative, not universal.

Thermodiverse – describing any group of people. Because no population is thermally homogeneous.

Thermodivergence spectrum – the full continuum of human thermal experience, from extreme heat sensitivity to extreme cold sensitivity.

We've verified non-existence of each term against five global databases, Google Scholar and Google Books Ngram. **Zero prior usage in last 100 years.**

The Thermodivergence Foundation will steward this new, but desperately needed, vocabulary as open-access, independent of any commercial interest.

We've since spent patient years engineering our sensible by nature response. The **Biothermal Microconditioning System (BTMS)** – lush plants in sundar auto-nurture planters made by local craftswomen from upcycled plastic waste– gently deliver unplugged personalised comfort at your desk supplementing existing HVAC. No electricity bills. No throat & skin dryness. Six Indian patents pending, 43 technical entities, a voxel-based biothermal comfort intelligence that learns what comfortable means to you.

Coming soon to your workplace under our enterprise brand **Thermikron**[®] and our CSR-partnered **Sukhwah**[®] brand for bottom-of-pyramid heat relief. To be followed by our premium D2C brand **Rangori**[®].

Both papers are on Zenodo. Open-access, CC BY 4.0.
One gives the world the heat language it was missing.
The other gives it the individual unplugged cooling technology it needs.

And now that you've learnt these terms, drop them in your next meeting, in your next design review, in your next conversation about why someone's always feeling zyada garam or thanda. Use them when your child says the schoolbus is too hot and nobody listens. When your mother layers three shawls in a room you find perfectly comfortable. When your pregnant wife can't sleep because she's burning and you're reaching for a blanket. Use them to hear and acknowledge the thermal realities of the people you love – and the billions you'll never meet.

Give your Bandar Topi wale relatives and friends a thermodivergent kind of hug by sharing this post with them.

Because every person at each point in their life is thermodivergent to many more than one comparator. Using the five thermodivergence words every day is how we start attuning to the fast growing heat burden and suffering of humanity's billions.

Remembering Mahatma Gandhi's stirring bhajan

वैष्णव जन तो तेने कहयि जे पीड पराई जाणे रे

A true human is one who feels the suffering of others.

– Indian wisdom, for a world that was always burning.

We have a 5-minute ask of you.

Read our interesting papers on this hot topic and
speak up in your brand new words.

Have you felt **thermodivergent** at any time in your life?

Have you ever wordlessly pretended to be **thermotypical**?

Do you wish people automatically understood your
changing position on the **thermodivergence spectrum**?

DOI: [10.5281/zenodo.18923696](https://doi.org/10.5281/zenodo.18923696)

The Thermodivergence Framework: Five Coined Terms for Thermal Equity, Individual Thermal Reality, and Climate Justice Vocabulary

DOI: [10.5281/zenodo.18897211](https://doi.org/10.5281/zenodo.18897211)

Biothermal Microconditioning System (BTMS): A Canonical Terminology Framework for Physical Innovations and Technical Vocabulary

Full text: github.com/asimpatel01-thermikron

THE THERMODIVERGENCE FOUNDATION

thermodivergence.org

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#thermodivergence #thermodivergent #thermotypical #thermodiverse #BTMS

#thermalcomfort #thermalequity #climateJustice #neurodiversity #HVAC #sustainability

#India