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Epics and Science: A Research Portfolio (Parts 1–4 + Festival Essays)

By Kusum Lata Shahi

Abstract- This research portfolio, Epics and Science: Mahakavya Parts 1–4, examines the Mahabharata, Ramayana, Puranic texts, and Nepali festival traditions as repositories of encoded scientific knowledge. Rather than treating them as mythological or purely devotional, the work analyzes their narratives through the lens of modern biology, genetics, neuroscience, energy science, and sociology.

Part 1 explores reproductive technologies, genetic manipulation, test-tube births, and surveillance concepts in the Mahabharata and Ramayana, showing their parallels with sperm donation, IVF, cloning, and telecommunication.

Part 2 reinterprets the Samudra Manthan as a metaphor for energy generation, chemical synthesis, and early biochemical experimentation, alongside Daksha's yajna (organ transplantation) and Jalandhar (cloning).

Part 3 investigates physiological experiments encoded in Lakshman's 14 years of wakefulness, Kumbhakarna's failed sleep-cycle experiment, and ascetic fasting practices, connecting them with modern chronobiology and metabolic science.

Part 4 analyzes Anusuya's transformation, Ashtavakra's prenatal cognition, and the symbolism of lunar energy in Shiva traditions.

Keywords: *Mahabharata, Ramayana, puranas, epics, science, brain incarnation, IVF, cloning, circadian rhythm, consciousness, nepali festivals.*

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EPICSANDSCIENCEARESEARCHPORTFOLIOPARTS14+FESTIVALESSAYS

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Part 4 analyzes Anusuya's transformation, Ashtavakra's prenatal cognition, and the symbolism of lunar energy in Shiva traditions. It highlights "brain incarnation" — the continuity of consciousness beyond the physical body — as the ultimate hypothesis, bridging ancient spiritual inquiry with modern neuroscience.

The portfolio also extends into Nepali cultural practices such as Teej, Rishi Panchami, and Janai Purnima, demonstrating how festivals preserved survival codes, nutrition science, and socio-biological balance across centuries.

Overall, this interdisciplinary work proposes that epics and festivals were not primitive myths, but deliberate vehicles of research — embedding scientific experimentation within symbolic narratives to protect, transmit, and inspire across generations. By decoding these texts, modern science may rediscover forgotten hypotheses and open new directions in consciousness studies, biology, and human survival.

Keywords: Mahabharata, Ramayana, puranas, epics, science, brain incarnation, IVF, cloning, circadian rhythm, consciousness, nepali festivals.

Part 1: Epics and Modern Science

Kunti's Mantra and Divine Conception: Parthenogenesis or Sperm Donation?

Kunti invoked deities through a mantra and conceived without physical union.

Possible Parallels: sperm donation, artificial insemination, or parthenogenesis.

Gandhari's Hundred Sons: Test-Tube Babies and Artificial Incubation?

A mass of flesh divided into 100 pots became the Kauravas.

Possible Parallels: IVF, artificial wombs, stem cell cultivation.

Sanjaya's "Divine Vision": Remote Surveillance?

Narrated war live to Dhritarashtra.

Possible Parallels: remote sensing, telepathy, real-time broadcast.

Part 2: Samudra Manthan: Energy and Chemical Science

Tortoise = stability platform

Mountain = rotor

Serpent = flexible drive

Gods and demons = actuators

Sequence resembles modern fractionation: toxins → treasures → nectar.

Daksha's Yagya: Organ Transplant

Sati's immolation = fire-resistance trial.

Daksha revived with goat head = transplantation.

Shiva and Jalandhar: Cloning

Jalandhar born from Shiva's energy.

Parallel to cloning; unstable gene expression.

Andhakasura: Somatic Cell Cloning

Born from Parvati's sweat → cellular life creation.

III. Part 3: Ancient Research and Technological Exploration

Lakshman's 14 Years of Wakefulness

Mastery of circadian rhythm, melatonin control.

Tools: pranayama, meditation, herbal aids.

Kumbhakarna's Sleep – Failed Consciousness–Body Separation

Tried to rest body while keeping mind awake.

Both body and mind collapsed into six months' sleep.

Sages' Resource Utilization

Author: Independent Researcher. e-mail: kusumshahi@hotmail.com

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Survival without food/sleep for years = induced hibernation.

Natural Parallels: bears, dolphins, giraffes, elephants.

Modern Practices

Hunger strikes, fasting records exist but don't equal epic feats.

Part 4: Anusuya, Ashtavakra, and Brain Incarnation

Anusuya – Body Transformation and Brain Transfer

Transformed the Trimurti into infants.

Parallel: hormonal control, body transformation, partial consciousness transfer.

Lunar Energy – The Cosmic Clock

Shiva's crescent moon = time, tides, fertility cycles.

Parallel: moon phases affecting circadian and reproductive biology.

Ashtavakra – Wisdom Before Birth

Corrected mantras from the womb despite deformities.

Parallel: prenatal cognition, epigenetics.

Modern Parallels – Infinite Mind in Limited Body

Stephen Hawking, Jhamak Ghimire, Aditya Dahal.

Proof that body's limits cannot bind the brain.

Brain Incarnation – The Hypothesis

Consciousness survives beyond body.

Ancient myths suggest continuity of mind in new vessels.

Cycle: Body → Brain → Consciousness → Rebirth.

Closing Line:

"If science can one day master what myths have whispered — the transfer of a living mind — it will be humanity's greatest leap beyond the limits of flesh."

Festival Essays

Teej & Rishi Panchami – From Stone Age to Modern Science

Dar (pre-feast): calorie loading before fasting.

Teej fast: discipline, survival training.

Rishi Panchami Cleansing: herbal detox, seasonal immunity boost.

Special Foods (Karkalo, Gava): blood purification, womb health for women.

Janai Purnima – Continuity of Knowledge and Civilization

Vaman–Bali Story: humility and cosmic awareness.

Rishi Tarpan: gratitude to sages; mantra + water effect on mind.

Thread as Civilization: weaving, lamps, cultural leap.

Kwati (sprouted beans): seasonal nutrition, immunity.

Three Strands: Brahma–Vishnu–Mahesh; birth–growth–death cycle.

References Références Referencias

1. Mahabharata (Original Sanskrit epic)
2. Ramayana (Original Sanskrit epic)
3. Puranas (Bhagavata, Devi Bhagavata, etc.)
4. Swasthani Bratakatha (Nepali oral tradition)
5. Rigveda, Atharvaveda
6. Modern genetics and IVF researc
7. Chronobiology and circadian rhythm studies
8. Epigenetics and prenatal cognition research
9. Works on cosmology and consciousness

Author's Note

This work is entirely my own intellectual contribution. AI tools were used only for polishing language and formatting, not for generating research ideas.

This submission is part of a larger planned series of 20–25+ parts on Epics and Science: Ancient Research and Technology.

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