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Research Article

Unstoppable Imagination: The Energetic, Groundbreaking Story of Satish Gajawada (IIT Roorkee Alumnus), Namer of New Worlds in Artificial Intelligence

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Abstract

Some researchers wait for a field to be handed to them. Satish Gajawada builds the field himself. A 2012 graduate of the Indian Institute of Technology Roorkee, he turned down the well-trodden path and has spent fourteen years as an independent artificial-intelligence researcher. This article celebrates what he has done. It follows his creation of umbrella fields (Out of the Box AI, Very Highly Advanced AI, Excellent AI, Data Science++), his founding of the International Society for Very Highly Advanced Artificial Intelligence (ISVHAAI), his launch of the ISVHAAI AI Society Letters, a catalogue of thirty named fields, algorithms and design archetypes that gives optimisation a human heart, his thirteen "Theories of Everything", his 108-Rights Matrix, and his Krishna AI, Rama AI and Parents-Inspired AI archetypes. It also highlights his move in 2026 from bold naming toward testing and open disclosure, including a reproducible fairness experiment in which a penalty term cut a demographic-parity gap from 0.121 to 0.016 at a cost of about 1.9 percentage points of accuracy, while a gentler weight improved accuracy and fairness together. The story that emerges is one of imagination, persistence, gratitude and generosity, and it offers every student and independent researcher a practical lesson: you do not need permission to begin.

Keywords: Biography, Independent Research, Artificial Intelligence, Particle Swarm Optimisation, Human-Centred AI, Value-Aligned AI, Very Highly Advanced AI, Excellent AI, Motivation.

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Introduction: A Researcher Who Refused to Wait

Most scientific biographies are written around institutions: the laboratory, the supervisor, the grant. The life of Satish Gajawada asks for a different kind of telling. His career has no corporate ladder and no departmental office. What it has instead is a remarkable record of ideas that he named, defined, published and shared, often faster than most people can draft a proposal.

His method is simple and bold. He looks at an unclaimed corner of artificial intelligence, gives it a name, defines it, builds a first algorithm for it and invites others to join. Over fourteen years of independent work he has done this again and again, and the result is a body of work that is easy to recognise: fields with ambitious names, algorithms named for kindness, friendship and love, a society he founded himself, and a lifelong "thesis" supervised by his parents and GOD.

This article tells that story with energy, because the story deserves it. It focuses on what Gajawada has built and what his example can teach. It is organised around five questions. Where did he start? What did he build? What drives the work? How has the work matured? And what can others learn from it?

Foundations at IIT Roorkee

Gajawada's technical foundation was laid at the Indian Institute of Technology Roorkee, one of India's oldest

and most respected engineering institutions, established in 1847. From 2007 to 2012 he completed a five-year Integrated Dual Degree (B.Tech and M.Tech) in Computer Science and Engineering, with a specialisation in Information Technology. The training gave him the language of algorithms, the discipline of engineering and the confidence to work on hard problems.

The affiliation has stayed with him. Beneath his name in nearly every paper stand the words "IIT Roorkee Alumnus". For Gajawada this is more than a credential. It marks the place where the engineer in him was formed, before the dreamer took the lead.

The Independent Path: Fourteen Years of Forward Motion

After graduating in 2012, Gajawada chose a harder and lonelier road. He did not follow campus placement into a conventional corporate research role. He became an independent researcher, publishing outside a university laboratory or corporate research group, answering to his own curiosity and building his own infrastructure as he went. His work has appeared on ResearchGate, SSRN and EasyChair, in small open-access journals and, in 2026, in journals published by IORO Publications and the International Journal Research Publication Analysis.

The earliest item attributed to him is a 2012 piece, the "Smile Theory of Everything". That title already shows the signature of his work: a big question asked in a friendly voice. Output has accelerated sharply since, with the most intense period falling between 2024 and 2026. A man who began with a single entry in 2012 reached a dozen itemised works in 2026 alone.

He has also given this independent path a name of his own, "Independent Doctor of Philosophy Plus Plus" (IPhD++). He is clear that it is a personal designation and not a conferred degree. The "++" is his way of saying that a research life can be built without an advisor, a department or a thesis committee, if one has direction and discipline.

Building New Fields

The first and most visible of Gajawada's achievements is the creation of whole territories of artificial intelligence, each with a definition and a map.

Table 1. *The umbrella fields proposed by Satish Gajawada*

Field	Date	What it offers
Out of the Box AI (OBAI)	Earlier years	The widest umbrella. It shelters Artificial Human Optimization, Artificial Heart Neural Networks, Artificial Satisfaction, AI++ and Lord Rama Artificial Intelligence.
Very Highly Advanced AI (VHAAI)	Jul 2024	A field-defining article that gathered more than a decade of "out of the box" ideas under one banner.
Data Science++ (DS++)	2024	A proposed new field defined in "Data Science Plus Plus (DS++): The Definition".
Excellent AI (EAI)	10 Jan 2026	Introduced on SSRN as a bundle of five articles, including the Artificial Intelligence Researcher Algorithm v1 (AIRAv1).

Each umbrella is wider and warmer than the last. The pattern is one of consolidation: the older ideas are not abandoned but gathered under a more ambitious name. This is how a research programme grows into a vision.

Building an Institution: ISVHAAI and the Letters

Where most researchers join societies, Gajawada founded one. In October 2024 he proposed the International Society for Very Highly Advanced Artificial Intelligence (ISVHAAI), whose stated mission is to improve and apply VHAAI for solving various problems. A society needs a voice, and he gave it one: the ISVHAAI AI Society Letters.

Launched in July 2025, the Letters are short, frequent dispatches, and each introduces a new swarm-based algorithm built around a human value or a slice of everyday life. Letter No. 2 introduced Kindness and Excellence Particle Swarm Optimization (KEPSO). Letter No. 3 introduced the Summer Season Energy Drink PSO (SSEDPSO). Letter No. 8, published in August 2025, introduced Friendship Human Swarm Optimization (FdHSO). Letters Nos. 1 to 8 and beyond appeared within weeks of one another. A society, a series and a vocabulary: three pieces of infrastructure, built by one person on his own terms.

His editorial "Emerging Torchbearer in Artificial Intelligence" (November 2024, DOI: 10.23880/oajda-16000152) placed VHAAI and ISVHAAI within the wider conversation about the future of AI, and his May 2025

overview, "Torchbearer in Artificial Intelligence – AI Overview", summarised the programme for new readers.

Algorithms with a Heart

Particle swarm optimisation (PSO), introduced by Kennedy and Eberhart and refined with the inertia weight of Shi and Eberhart, moves each particle under the pull of its own momentum, its own best position and the best position found by the group. Gajawada noticed that this structure looks like a child growing up inside a family and a community. From that observation grew a whole family of algorithms in which the vocabulary of gradients and convergence gives way to the vocabulary of virtues.

Table 2. *Selected swarm-based algorithms and frameworks, grouped by theme*

Theme	Examples	Spirit
Human values	Kindness and Excellence PSO; Love PSO; Money PSO; Happiness and Health PSO; Acceleration PSO	Optimisation as an act of care
Human relationships	Friendship Human Swarm Optimization; Vehicles Human Swarm Optimization; PGBGSGAIA (built on the author and his parents)	Search as companionship
Daily life	Summer Season Energy Drink PSO; Cricket Match Runs Algorithm; Rice Bags Sales Algorithm; English Language Sentence Algorithm; Object Swarm Optimization Algorithm	Ideas hiding in ordinary things
Popular culture	Artificial Cartoon Popeye Algorithm; Artificial Cartoon Chhota Bheem Algorithm	Science with a smile
Relationships as AI	TBSFMFAIA (Teacher, Brother, Sister, Father, Mother, Friend AI); KLSPEMHRIHAIA; AIRAv1	AI that mirrors the people who raise us

Taken together with the proposed fields and design archetypes, the supplied records count thirty named items. The vision behind them is unusual. Gajawada treats AI not only as an engineering discipline but as an open canvas for optimism, kindness, humour and invention, and his algorithms carry the names of virtues because he believes code can absorb a little more warmth.

Thirteen Theories of Everything

Fourteen years after the "Smile Theory of Everything", the idea returned in a larger form. In Ten Plus Theories of Everything – Version 1 (International Journal of Science, Technology and Management, 2026), Gajawada states thirteen propositions of one generous form: "whatever you do, ultimately it is to attain X and help others attain X". The value X ranges over happiness, kindness, peace, money, health, technology, love, satisfaction, excellence, respect, intelligence, GOD and parents.

The beauty of this structure is that it builds generosity into its grammar. Even the Money and Technology theories require that one helps others earn and build. The same two-part pattern, a self-directed half and an other-directed half, appears in his algorithms, where each particle is pulled both by its own best position and by the group's. In this way a single idea links his philosophy to his optimisation. The paper groups the propositions into five families (affective, relational, developmental, instrumental and transcendent-filial) and proposes experience-sampling and cross-cultural ranking studies as ways to test them, which opens a path for future work.

Gratitude as a Research Method: Parents and the PGPhD

One of the most distinctive chapters in Gajawada's story is his public gratitude. His papers close with an acknowledgement that thanks "everyone and everything" that has shaped him, seen and unseen. In 2026 this grew into a full series devoted to his parents, Prabhakar Gajawada and Bhagyamma Gajawada:

- ***"Son Serving Parents (SSP)"*** **–** a new professional title that honours service to parents.
- ***"Service to Parents Is Equivalent to Service to All Beings"*** **–** a statement that gives service at home a universal meaning.
- ***"Parents Theory of Everything"*** **–** published in April 2026, narrowing the happiness proposition to "be happy and make your parents happy".
- ***PGBGSGAIA*** **–** a swarm algorithm built on himself and his parents (January 2026), and the TBSFMFAIA algorithm.
- ***"Thank You Parents for Everything"*** **–** the preprint, posted in April 2026, that compiles the series as a dedication to his parents.

He has also created the Parents and GOD Doctor of Philosophy (PGPhD), a personal "thesis" titled Artificial Intelligence and Real Intelligence. Its supervisors are his father, his mother and GOD, its institute is The Amazing Planet Earth, and its content is a lifetime collection of articles that he counts as 108 or more. It is a personal designation and not a conferred degree. Its meaning lies elsewhere: it declares that the earliest and deepest teachers of a research life deserve a name, a place and a thank-you. In his article "Learning Under Three Supervisors" (International Journal Research Publication Analysis, October 2026), he distils the life into seven principles: gratitude, guidance, service, openness, transparency, testing and perseverance.

Wise Machines, Just Rule and Human Rights

Krishna AI, Rama AI and Parents-Inspired AI

In "Divine, Familial, and Human-Value Inspirations for Artificial Intelligence" (International Journal of Philosophy, Ethics and Humanities, 2026), Gajawada turns cultural inspiration into design principles. Krishna AI is a wise adviser, a charioteer that lays out options and trade-offs and leaves the decision with the human. Rama AI is a principled steward defined by integrity, promise-keeping and fairness to all users. Parents-Inspired AI asks that those who build AI remain accountable for it as parents are for a child, with responsible creation, good data as good upbringing, boundaries with explanation, and autonomy extended in steps as reliability is shown. A unified construct, FFMBSTANDEMHRKLSPHIAI, keeps the weights of a training objective in human hands. Principles that governance readers know well, namely accountability, explainability, human oversight and staged deployment, arrive here through the warm language of family and tradition.

Six Reflections on Shri Rama

His devotional essay moves from the personal to the public through the Divine Name, service, community, the epic retold, ultimate reality and just rule. It is crafted with care: every claim is sorted into scriptural, traditional or reflective registers, each reflection closes with an "Epistemic Status" note, and the final section translates the ideal of Rama Rajya into accountable institutions, with published accounts, independent audit, grievance procedures, volunteer codes and term limits. Devotion and design thinking meet on the same page.

The 108-Rights Matrix

Perhaps his broadest framework is the 108-Rights Matrix, an integrative taxonomy of 108 duty-correlative human rights arranged in nine domains of twelve, from Life, Body and Health to Environment, Technology and Future. Each right is tested against five criteria (universality, necessity for flourishing, distinctness, duty-correlativity and an enforceability gradient) and carries a status code: 54 Codified, 39 Emerging and 15 Proposed. Six "Founding Rights" (happiness, peaceful sleep, money, respect, work and marriage) are analysed in depth to show how everyday goods that ordinary people name can become bounded, workable rights. The matrix gives a teacher, a legislator or a citizen one question to ask of any right: who owes what to whom?

From Naming to Testing: A Breakthrough Year

The most exciting development in Gajawada's recent career is a deliberate step from proposing ideas to measuring them. In his 2026 framework article, he adds a fairness-type "Respect" penalty with weight λ to the fitness function of a genetic algorithm and of PSO. The data set contains 2,000 synthetic individuals, each setting is run ten times, and the settings, seeds and parameters are published in full so that the study can be reproduced.

Four results stand out. First, a gentle weight (λ = 0.5) improved accuracy from 0.859 to 0.867 while narrowing the gap from 0.121 to 0.078, so both goals advanced together. Second, a moderate weight (λ = 1) reduced the

Table 3. *Mean test accuracy and demographic-parity gap over ten runs (genetic algorithm), by penalty weight λ*

λ	Test accuracy	Parity gap	Reading
0	0.859	0.121	Baseline
0.5	0.867	0.078	Gentle weight: more accurate and fairer
1	0.840	0.016	Near-parity, about 87% smaller gap
2	0.768	0.085	Over-correction begins
4	0.769	0.084	No further gain
8	0.768	0.084	No further gain

Source: values as reported in the author's framework article. Percentage readings are computed from the reported means.

gap to 0.016, roughly 87%, at a cost of about 1.9 percentage points of accuracy. Third, the two optimisers agreed closely, and PSO came within 1% of its final objective in about three iterations against roughly seven to twelve generations for the GA. Fourth, beyond $\lambda = 1$ the results stopped improving, which Gajawada reads as a concrete picture of the value he calls Satisfaction: more pressure is not always better.

The experiment is modest by design, and its caveats are stated honestly: the data are synthetic, the model has three parameters, and a single criterion stands in for nine values. Yet it does something new in his body of work. It lets a value term be tested against a measurable cost, and it reports a failure mode beside the success. It is a bridge between a vocabulary and a verifiable result, and it points the way for what comes next.

Openness as a Signature

Alongside bold ideas, Gajawada's 2026 papers show a growing discipline of candour. Faith claims are sorted into registers. Metaphorical mappings are described as "metaphorical and heuristic". Every right in the 108-Rights Matrix carries a status code so that aspiration is never mistaken for settled law. The Theories of Everything are accompanied by a discussion of how they could be made falsifiable. Self-adopted titles such as IPhD++ and PGPhD are labelled as personal designations, and each paper states how generative AI was used and who is accountable for it. In a period when research communities are still writing the norms for AI-assisted writing, this openness is a contribution in its own right.

A Timeline of Momentum

Table 4. *Milestones in the work of Satish Gajawada, 2007–2026*

Date	Milestone	Kind
2007–2012	Integrated Dual Degree (B.Tech + M.Tech), IIT Roorkee	Education
2012	"Smile Theory of Everything"; start of independent research	Theory
2022	Artificial Cartoon Algorithms (Popeye, Chhota Bheem), within OBAI	Algorithms
Jul 2024	Very Highly Advanced AI (VHAAI); Data Science++ (DS++)	Fields
Oct 2024	ISVHAAI proposed	Institution
Nov 2024	Editorial "Emerging Torchbearer in Artificial Intelligence"	Editorial
Jan–May 2025	Biographical research note; "Torchbearer in Artificial Intelligence – AI Overview"	Overviews
Jul–Aug 2025	ISVHAAI AI Society Letters Nos. 1–8+ (KEPSO, SSEDPSO, Love PSO, FdHSO)	Series
10 Jan 2026	EAI – The Beginning, posted to SSRN (five articles)	Field
Jan 2026	Four Unique AI Algorithms (CMRA, RBSA, ELSA, OSOA); PGBGSGAIA	Algorithms
Apr 2026	Parents Theory of Everything; "Thank You Parents for Everything"	Philosophy
2026	Papers on Shri Rama, Krishna/Rama/Parents-Inspired AI, Ten Plus Theories, 108-Rights Matrix, and two biographies, published with IORO Publications	Journal articles
Oct–Nov 2026	Learning Under Three Supervisors (PGPhD); The Particle That Kept Moving	Journal articles

Distinctions and Self-Descriptions, as Stated by the Author

In his own writings Gajawada refers to several distinctions along his journey. They are reported here as he states them, to show how he understands his path:

- ***Recognition:*** an acknowledgement from IEEE figure Dr. Sattar B. Sadkhan for contributions to the field of science;
- ***Indexing:*** a research project indexed by NASA's Astrophysics Data System;
- ***Support:*** a project partially supported through an IBM Shared University Research (IBM SUR) Award;
- ***Early contribution:*** described by some peers, in his account, as an early contributor to the concept of "Artificial Human Optimization";
- ***Self-designations:*** the personal titles IPhD++ and PGPhD (styled PGDr.), and the nickname "the Indian John McCarthy", a comparison of ambition and instinct, the shared habit of naming a field into existence, that he uses for himself.

Ten Portraits and Seven Lessons

Taken together, the record shows ten portraits of Satish Gajawada: a namer of worlds; a builder of institutions; a relentless producer; an optimist who codes kindness; a grateful son; a bridge between tradition and technology; a reproducible experimenter; a candid author; a teacher by design; and a long-distance runner. From them follow seven lessons for any student or independent researcher.

- ***Start.*** Begin before you are invited. A field can start with a name, a definition and a first algorithm.
- ***Build.*** Build your own home for ideas, whether a society, a series or a vocabulary.
- ***Persist.*** Keep a steady direction for years. Fourteen years of motion is a research life.
- ***Play.*** Ask big questions in a friendly voice, and let playfulness open doors between disciplines.
- ***Thank.*** Thank your teachers, your parents and everyone who helped you, in every paper.
- ***Disclose.*** Pair every bold claim with an honest statement of its scope.
- ***Test.*** Turn at least one idea each year into something that can be measured.

Conclusion

Satish Gajawada's story begins at IIT Roorkee and continues in the open, without a laboratory, a department or a sponsor. What it has instead is imagination, discipline and an unusual warmth. He has proposed new fields, founded a society, launched a series, created a catalogue of algorithms with the names of virtues, written thirteen theories of why people act, drawn a 108-right map of human dignity, sketched wise-machine archetypes drawn from family and tradition, and, in 2026, begun to test his ideas and to say plainly what they do and do not claim.

The measure of any new field is whether others adopt, test and improve it, and that invitation stands open. Gajawada's example already shows something valuable: a research life does not need a laboratory to begin, only a direction, a debt of gratitude and the willingness to take the next honest step. Keep your direction, honour your best, listen to your guides, stay curious, and keep moving.

Declarations

Disclaimer – This paper is created as energetic, groundbreaking, motivational and inspirational biography on author's request. The facts are not verified. Reader should verify before relying on the facts.

AI Disclosure – This paper is generated by AI under the guidance of Satish Gajawada.

Conflict of Interest

The subject of this biography is also its author of record and the source of its materials.

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Author Contributions

Conceptualization and resources, S.G.; manuscript drafted by a generative AI system under the guidance of S.G.

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