

# **Beyond Intelligence: Investigating AI's Role in Spiritual Quotient Development**

Bawa, Simmin

Head of Department, Philosophy and Assistant Professor, Jai Hind College, Mumbai

Kalra, Hiya

FYBA Student Philosophy-Psychology, Jai Hind College, Mumbai

## **Abstract**

The hasty expansion of Artificial Intelligence (AI) into subjects customarily regarded as intrinsic to human experience such as ethical and moral reasoning, affective stability and metacognitive processing has coincided with increasing academic engagement in the Spiritual Quotient (SQ). SQ includes distinct factors that help define this intelligence differently, such as ethical and moral orientation, depth and frequency of transcendent experience, and self-reflective meaning-making capacities. Simultaneously, human reliance on AI has increased substantially; recent estimates suggest that roughly 66% of the world intentionally engages with AI, at least periodically, with 15-16% of the global working age population engaging daily, asking questions that may relate to their personal life, including spiritual activities.

Even though the presence of AI lacks consciousness, intentionality and lived experience, it does not reconfigure the location of AI within spiritual discourse. Instead, it solidifies its role as a mediating tool that may structure reflection without having the ability to embody it. As individuals increasingly turn to AI for reassurance, guidance, and cognitive outsourcing during periods of uncertainty or spiritual disconnection, questions arise regarding its influence on moral orientation and its hidden reflective depth.

This paper aims to explore a conceptual framework drawn from philosophy and psychology, including Foucault's notion of Power-Knowledge, the power dynamics present in human-AI relations, particularly structures and functions divided by thought, symbolized by doubt, fear, and existential uncertainty, that may be assisted through the use of AI's pattern recognition and generalization of application of theories.

By effectively differentiating between reflection and reassurance, and guidance and comfort, this paper conceptualizes AI as a tool for articulation rather than authority. It investigates whether AI meaningfully contributes either positively, neutrally or negatively impacting the development and course of a person's spiritual journey and if it may include displacement of authentic introspection, which serves as a critical factor in an individual's spiritual journey. The paper asks and attempts to answer the question: Does Artificial Intelligence aid in the enhancement of human spiritual quotient, or does it merely reshape the conditions under which spiritual reflection occurs?

*Keywords:* Artificial Intelligence (AI), Spiritual Quotient (SQ), Morality, Spiritual Connection, Reflection, Human Agency, Moral Reasoning, Emotional Regulation, Intentional Engagement, Power Dynamics.

## **Introduction**

The Spiritual Quotient (SQ) is often defined as an intelligence *beyond* the rational, logical and information reflected measure of intelligence also referred to as Serial Thinking, IQ, and the feeling based, empathetic role measure of intelligence also referred to as EQ. SQ is the unitive thinking component as compared to IQ and EQ (Zohar and Marshall, 2000). It refers to the ability to engage with questions of meaning, purpose, and consciousness, and how connected one feels to oneself. It involves abilities such as critical existential thinking, personal meaning production, transcendental awareness, and conscious state expansion (King and DeCicco, 2009). Emmons (2000) proposed five components of spiritual intelligence which he first questioned, whether spirituality could be an intelligence in itself, or disqualify to be one, (a) the capacity for transcendence; (b) the ability to enter into heightened spiritual states of consciousness; (c) the ability to invest every day, activities, events, and relationships with a sense of the sacred; (d) the ability to utilize spiritual resources to solve problems in living; and (e) the capacity to engage in virtuous behavior (to show forgiveness, to express gratitude, to be humble, to display compassion). Spirituality itself helps us understand how true one is to one's values. How their morals are reflected in their actions, and their ability to understand themselves, holistically and completely.

Scholars suggest conceptualization of spirituality and spiritual intelligence to be measured as the capacity to construct meaning, understand transcendence, and apply spiritual resources to daily life. Certain scales have been developed to test and measure this understanding effectively through them. In sociological and philosophical literature, spiritual intelligence has been linked to resilience, psychological well-being, and the ability to cope with adversity (Emmons, 2000; Koenig, 2012). These findings suggested that spiritual intelligence plays a significant role in human flourishing beyond purely cognitive abilities and capacities. The Integration of Artificial Intelligence (AI) has rapidly increased in the recent decades and has become a part of daily human life, through digital assistants, recommendation systems, and knowledge platforms.

The use of Artificial Intelligence (AI) has increased as more technological advancements have taken place, so much so that the words of a person cannot be distinguished from the words generated by an artificial intelligence programmed generator today. Searle (1980) proposed the idea of The Chinese Room infringing upon the lack of understanding and empathy that AI promotes while claiming, or much so showing that it is truly aware of the information that it provides.

At the same time, the emergence of artificial intelligence has prompted the long debate about whether machines could ever replicate aspects of human cognition that include meaning, consciousness, or morality. Many computer scientists and philosophers have been discussing the nature of machine intelligence beginning with Alan Turing's proposal of the Turing test as a path to test machine intelligence. However, critics such as John Searle argue that the computational systems can surely simulate understanding, but they themselves, genuinely do not possess consciousness or meaning. As AI technologies become increasingly integrated into everyday human activities, they are viewed as computational tools and systems capable of assisting in reflective and intellectual processes that would earlier be assisted by cognitive performance. The accessibility to AI raises an important question regarding AI's influence on deeper forms of human cognition, including existential reflection and spiritual enquiry. The work of Viktor Frankl emphasized on the position of individuals possessing a "will to meaning" proposing that humans are driven to find purpose in their lives, even in the face of suffering by themselves, inherently. Contemporary research and positive psychology have also highlighted the role of meaning in psychological well-being and perseverance. Scholars suggest that individuals who develop a clear

sense of meaning are often better equipped to navigate stress, adversity, and tough moral decisions that they may come across. Literature on both artificial intelligence and spiritual intelligence is increasing, yet relatively little research has investigated the potentiality of the interaction between both the domains. Existing studies primarily focus either on the technological capabilities and ethics of AI or on the sociological and psychological effects of spirituality and meaning-making, and as a result, this relationship requires an interdisciplinary approach that draws from psychology, philosophy, and artificial intelligence research by looking into these perspectives simultaneously, it becomes possible to evaluate whether AI may function as a supportive tool in the development of spiritual enquiry and reflection, while still acknowledging the human aspects that are uniquely only subjective, of spirituality. This is where the research gap that this paper contributes to occurs: Can artificial intelligence (AI) contribute to the development of human spiritual intelligence (SQ), even if it cannot possess spiritual awareness itself?

With researchers like John Searle, Luciano Floridi & Beth Singler having written upon topics explaining and leading up to this question, we see artificial intelligence being integrated into communication, knowledge, access, and even education. It may show to function as a tool that facilitates philosophical enquiry, exposure to diverse perspectives, and spiritual reflection, the relationship between AI and spiritual development remains under explored.

## **LITERATURE REVIEW**

Research on the quantification and measurement of spirituality has developed across philosophy, religious studies, and psychology. Furthermore, Scholars have attempted to effectively define spiritual intelligence and explore how it has an impact on morality, human consciousness, and meaning production.

One of the most influential models of spiritual intelligence was developed by T.L. DeCicco and David King, whose crux was the conceptualization of spiritual intelligence as a set of cognitive capacities, which are intricately related to crisis, reflection, and transcendental awareness. King proposed four main components of spiritual intelligence: critical existential thinking, personal meaning production, transcendental awareness, and conscious state expansion. This framework recommends that spiritual intelligence represents the ability to efficiently, utilize information found by connecting to oneself to solve problems and achieve goals. DeCicco and King also proposed six personality types that had the possibility of being spiritually stunted, along with this,

they gave possible solutions suggesting “Healing” from these very obstacles that kept individuals with these personality types to connect with themselves once again and find meaning and purpose of their life. Similarly, Emmons (2000) proposed five components included in spiritual intelligence: (a) the capacity for transcendence; (b) the ability to enter into heightened spiritual states of consciousness; (c) the ability to invest everyday activities, events, and relationships with a sense of the sacred; (d) the ability to utilize spiritual resources to solve problems in living; and (e) the capacity to engage in virtuous behavior (to show forgiveness, to express gratitude, to be humble, to display compassion). M pressed on the fact that spirituality enables individuals to find meaning in life through events and develop moral awareness. His work suggested that spiritual intelligence functions as an adaptive capacity that may assist individuals to navigate existential crises, and help develop compassion. Other Scholars such as Danah Zohar and Ian Marshall (2009) have expanded on the concept of spiritual intelligence by introducing the idea of the spiritual question as the ultimate intelligence that creates a middle ground where interdisciplinary fields like rational and emotional capacities come together. They argued that spiritual intelligence permits individuals to question presumptions, re-define and explain individual values and approach life with a deeper sense of purpose. Agreeing on that, Frances Vaughan described spiritual intelligence as awareness of a deeper level of consciousness that allows individuals to wholly experience compassion, wisdom, and self-transcendence.

Spirituality plays a significant role in human psychological functioning, which has also been explored through the theories of meaning and coping. Viktor Frankl proposed that the primary motivation of human beings is the search for meaning. According to his work, the analysis can be concurred that individuals are ready and able to endure suffering and adversity when they find meaning in experiences that they themselves, or others around them go through, which they are informed of. This helps us recognize the factors of the existential dimension of spirituality and its role in human resilience being present. Like this, Kenneth I. Pargament developed the theory of religious coping, which investigates how individuals use spiritual beliefs and practices to manage stress, trauma and life crisis. His theory is the most universally reliable, as noted by a few repeat studies using scales to identify patterns in coping, one of them being religious coping. As we distinguish Religiosity from Spirituality, we cannot say these are two completely different

fragments. Religion is a part of Spirituality, but spirituality remains vast, and far beyond just religion.

As we discuss more about spirituality, scholars have increasingly investigated the implications of artificial intelligence for human cognition and ethics. Debates in philosophy about machine intelligence frequently focus on whether the machines can truly possess understanding and consciousness. John Searle (1980) argues that computers can merely manipulate symbols without actual understanding of the matter. Through his Chinese room thought experiment, Searle suggested that artificial intelligence systems may be able to simulate intelligence and reflection in the domain of spirituality and introspection, but they cannot possess intentionality or consciousness, or even moral awareness. David Chalmers introduced the concept of “hard problem of consciousness” which refers to the difficulty of explaining subjective experiences solely through physical processes. Chalmer’s work raised eyebrows and questions about artificial systems’ abilities of ever gaining consciousness, associated with human experience.

In the field of AI ethics, scholars have examined moral and social implications of artificial intelligence programming and usage, where Luciano Floridi and Josh Cowls developed the theory of information ethics, which endeavors how digital technologies reshape human values, and ethical boundaries. It focuses on five principles for AI in society, namely Beneficence, Non-Maleficence, Autonomy, Justice, and Explicability. Joanna Bryson who studied artificial intelligence systems proposes that they should be treated as tools rather than moral agents. She emphasizes on the responsibility to use AI ethically, and that the responsibility of using AI should remain with human designers and operators only.

“One can speculate that the tardiness and wobbliness of humanity's progress on many of the "eternal problems" of philosophy are due to the unsuitability of the human cortex for philosophical work. On this view, our most celebrated philosophers are like dogs walking on their hind legs - just barely attaining the threshold level of performance required for engaging in the activity at all.”

— Nick Bostrom, *Superintelligence: Paths, Dangers, Strategies*

Nick Bostrom and Stuart Russell, contrastingly, highlight concerns about the future impact of artificial intelligence and the potential risks associated with these highly advanced AI systems, as their work stresses upon the significance and heaviness of ensuring that AI should remain universally and across time, aligned with human values and ethical principles.

Picturing religion, and technology at an intersection, researchers like Beth Singler and Heidi A. Campbell closely detect how digital technologies influence spiritual beliefs and religious rituals and practices. Their research demonstrates that the technological growth that takes place shapes new forms and ways of spiritual engagement and cultural narratives involved in the domain of artificial intelligence.

Philosophical perspectives on knowledge and power, also provide insight into the role of technology in shaping human cognition. Michel Foucault argued that knowledge systems are closely linked with functions and structures of power, suggesting that computational systems that control information release may influence social beliefs, values, and morals, not just individually but also collectively, as a society.

On the other hand, Philip Clayton closely studied the relations between scientific explanations of consciousness and philosophical discussions of spirituality, and by linking the two together, he argues that consciousness may emerge from complex systems while retaining meaningful philosophical significance. This suggests that he believes artificial intelligence may have, or possibly can have a consciousness.

These insightful perspectives help illustrate a conceptual analysis of the interdisciplinary nature of research on spirituality, consciousness, and artificial intelligence integrating all these domains together while spiritual intelligence emphasize human meaning, making and transcendence drawn, debates and artificial intelligence highlight the limitations of machines and replicating, subjective and individual experience. This intersection raises important questions about AI and whether it has the ability to meaningfully contribute to the development of the human spiritual quotient.

## **METHODOLOGY**

This study adopts a conceptual and interdisciplinary research methodology in order to explore the relations between an artificial intelligence and spiritual intelligence. As spiritual intelligence has been largely understood as experiential, subjective and an abstract construct, it cannot be easily measured through purely empirical methods and qualifications. As a consequence to this, this research primarily relies on theoretical analysis and interpretation critically done of existing scholarly literature, drawn from the fields of philosophy, religion, psychology, and artificial intelligence ethics.

This research employs a qualitative literature-based approach in which previously published academic works for examination, literature was extracted and factors were laid out to understand how scholars conceptualize both artificial intelligence as well as spiritual intelligence. Foundational theories of spiritual intelligence proposed by scholars such as Robert Emmons, Frances Vaughan, Danah Zohar, Ian Marshall were analyzed in order to establish the psychological philosophical foundations of the concept of spiritual intelligence. Parallely, the study also investigates ethical discussions and philosophical views surrounding artificial intelligence, specifically those addressing questions of cognition, moral agency and consciousness. Philosophical perspectives from scholars such as John Searle, David Chalmers, Luciano Floridi, and Nick Bostrom were critically reviewed to understand the capabilities as well as the limitations of artificial intelligence systems. These discussions are significant because debates regarding machine, consciousness, intentionality, and intelligence directly influence the question of whether AI could ever meaningfully contribute to the spiritual development of a human being.

Additionally, the research includes insights from scholars working at the intersection of technology, religion, and digital culture, including thinkers such as Beth Singler and Heidi Campbell. Their work symbolizes how digital technologies and artificial intelligence have started to increasingly shape religious discourse, spiritual practices, and contemporary paths to meaning production. By including perspective from these scholars, this study locates the discussion within the broad context of computation and program-based mediation intersection Ing with spirituality. The study also draws upon broad philosophical frameworks regarding human meaning and moral reflection. Existential perspectives such as those proposed by Viktor Frankl provide insight into the human search for meaning and the role of suffering and existential struggle in spiritual growth. To agree with that philosopher, assertion about power dynamics regarding Michel Foucault's theory provides a lens through which the influence of technological systems or knowledge, production, and human belief systems can be investigated and critiqued upon.

The methodological approach therefore involves comparative analysis and conceptual synthesis. It follows an interdisciplinary approach where different disciplines are examined together in order to identify points of convergence, friction and tension between human spiritual cognition and computational, technological and artificial intelligence systems. It allows the study to explore the potential benefits of AI, assistant reflection and knowledge access, and additionally, the

philosophical limitations that AI proposes in relation to subjective consciousness and present awareness (mindfulness).

The study focuses on theoretical exploration, asking if AI can function as a supportive, cognitive tool and processes associated with introspection, such as spiritual reflection, moral reasoning, and meaning-making. By analyzing diverse perspectives across several distinct disciplines, this research aims to develop a much more simplified understanding of how artificial intelligence may influence human engagement with spirituality while acknowledging the fundamental experiential qualities that remain uniquely human.

### **CONCEPTUAL FRAMEWORK**

In order to explore the relationship between artificial intelligence and spiritual intelligence, it is necessary to construct a conceptual framework that explains how spiritual awareness emerges within human cognition. There is a theory to propose here that follows a belief system, enactment through actions and moral reflection of those actions. Spiritual intelligence has frequently been defined as a dimension of intelligence that enables individuals. Interpret existential questions, derive meaning from experiences and oriented their actions, according to richer moral and cultural factors. Elect traditional measures of intelligence such as cognitive intelligence (IQ) or emotional intelligence (EQ) spiritual intelligence concerns the human capacity to engage with questions of purpose, meaning, transcendence and moral responsibility. Scholars such as Robert M describe spiritual intelligence as the adaptive use of spiritual resources to resolve problems and achieve personal transformation. According to Emmons (2000) spiritual intelligence allows individuals to transcend immediate material concerns, and connect their behavior with broad existential frameworks, and it finally emphasizes the use of AI being the critical factor that determines how the course of events takes place, and how this will affect the individual using AI either negatively or positively.

Similarly, transpersonal psychologists such as Frances Vaughan press on the factor of spiritual intelligence involving a height and awareness of consciousness, ethical sensitivity, and the ability to integrate in our experiences without outward behavior. It may also be interpreted that a person with a high SQ, will have a high superego (Freud, 1923). The reason for the high SQ can be the super ego or vice versa. Feelings of pride may reinforce behavior and moral standards. Neutral responses may occur when interactions and actions are perceived as ethically, insignificant or

morally ambiguous. Actions that brought the individual shame may be perceived as internalized punishment and may be reminded to the person if triggers are present. Overtime This continuous cycle of belief, action, and evaluation contributes to the growth of moral awareness and spiritual development.

This framework conceptualizes the spiritual quotient, not as a static attribute, but as a dynamic and reflective developmental process that unfolds repeated cycles of moral decision-making and introspection, these processes influenced by numerous external factors, including cultural settings, philosophical narratives, and informational surroundings. As technological systems increasingly shape the environment, within which individuals prompt information and ideas, and use as an external moral compass, it becomes relevant to examine how artificial intelligence may influence the cycle of belief formation and reflective evaluation.

### **AI AS A TOOL, NOT A RULE**

The rapid advancement of artificial intelligence technologies has, on a wide scale, transformed the ways in which individuals get access to knowledge and engage with philosophical discourse. While also exploring spiritual rituals and traditions, which helped them connect to themselves. AI systems, if not already capable, are getting developed to be capable of processing large volumes of information, generating complex text responses and facilitating interactive dialogue that resemble human conversations. As a result of this, whether this can be counted as a catastrophe or a “development” in the technological domain, artificial intelligence has begun to play a role in understanding how we access our information within which individuals can start to encounter philosophy or spiritual ideas.

The philosopher of information Luciano Floridi, argues that digital technologies create what he refers to as an “Infosphere,” an interconnected informational ecosystem that changes how knowledge is produced, distributed, and interpreted today. In this environment, artificial intelligence systems can function as dynamic and powerful tools for intellectual exploration. These computational systems can assist individuals in accessing philosophical texts, comparing religious traditions and exploring ethical frameworks that might otherwise require extensive academic training to understand. These individuals can also access subjective experiential learning and use prompts to make these computational systems understand their personal experience, and if required, advise them. For example, individuals may use AI systems to ask questions about

existential philosophy, spiritual traditions or moral dilemmas that they might be facing, thereby initiating reflective conversations that encourage deeper contemplation. In this sense, AI may serve as a catalyst for intellectual curiosity and existential inquiry.

Despite this, the ability of artificial intelligence systems to generate sophisticated language should not be confused with genuine understanding or conscious awareness, as to be human, is different from being a computational system, which has visible and theoretical limitations (to some extent). Philip Clayton has explored emergentist theories suggesting that consciousness arises from complex systems yet possesses properties that cannot be reduced to simple computational functions. These philosophical perspectives reinforce the idea that human cognition involves dimensions that extend beyond algorithmic processing; spiritual awareness which often revolves around reflective consciousness and moral testing may therefore remain uniquely tied to human experience.

David Chalmers, who was known for his hard problem of consciousness, argued that explaining subjective experience (qualia) cannot be reduced to physical brain processes, such as cognition. This suggests that consciousness, and therefore, spiritual awareness may not be reproducible through computation alone. Spirituality can also be viewed as a coping mechanism where a person indulges themselves in activities such as prayers, meditation, mindfulness and being present in the moment consciously to connect with themselves as a spiritual practice, can also prove to be helpful (Pargament, 1997). Spiritual experiences often involve deeply subjective phenomena, such as existential, questioning, emotional transformation, and the inquiry for meaning during suffering. These personal experiences require forms of self-awareness and lived experience that artificial systems do not and will not ever possess. Artificial intelligence may simulate and stimulate philosophical dialogue, but it cannot literally be a part of the dialogue, which is because it cannot experience existential anxiety, moral responsibility or transcendental insight.

Artificial intelligence should be conceptualized as a supportive, intellectual tool, rather than an authoritative source of spiritual wisdom, and to support that other material should be referred to as a source of spiritual knowledge. Can assist individuals in accessing this information and exploring ideas that help them connect to themselves. However, the process of spiritual growth ultimately remains dependent upon human consciousness and one's personal experiences. Recognizing this differentiation ensures that computational systems impact human reflection in a

positive manner rather than replacing the personal processes through which individuals develop moral and introspection understanding.

### **CAN MACHINES POSSESS CONSCIOUSNESS?**

One of the central debates surrounding artificial intelligence concerns whether machines can ever possess consciousness or genuine understanding. John Searle argued through his thought experiment, The Chinese Room, that computers manipulate symbols without truly understanding the meaning based on a program, symbolized as the "English rulebook" in the experiment. According to Searle, even highly sophisticated AI systems operate through program rules, rather than genuine comprehension. If spiritual intelligence requires self-awareness, moral reflection, and subjective experience, then it becomes difficult to argue that artificial intelligence could possess such qualities, since it is, in itself, an enactment of human intelligence and will imitate every aspect of it.

However, AI may still influence human spiritual development and growth indirectly by providing access to knowledge and encouraging introspection and reflection on one's actions.

Luciano Floridi (2019) along with his coworker Josh Cowls (2019) discussed the ethical implications of artificial agents and their role within the broader "infosphere" emphasizing human being's moral responsibility for the technologies they created, deployed, and continue to exploit.

### **AI AND THE EXPANSION OF REFLECTIVE DIALOGUE**

One of the most significant ways in which artificial intelligence may indirectly influence spiritual intelligence through the expansion of reflective dialogue. Throughout history. Spiritual development has often been associated with dialogue; whether through philosophical debate, religious mentorship, or introspective conversation. Philosophy traditions from Socratic inquiry to contemplation of religious practices have always promoted questioning as a pathway towards deeper understanding. AI systems, particularly controversial models, introduce a new technological form of dialogue that allows individuals to continuously engage with questions about ethics, purpose, and meaning.

AI is dynamic because of its conversational systems, allowing individuals to ask follow-up questions, clarify ideas and explain multiple perspectives in real time. This interactive environment encourages users to articulate thoughts. They might otherwise leave unexplored. In this sense, AI may function similarly to an intellectual sounding individual. While the system itself does not

possess consciousness or genuine insight, the process of verbalizing existential enquiry questions can stimulate reflection within the user. Traditions that articulate a question is often the first step toward building lasting awareness, and a richer sense of self.

The reflective benefits of AI dialogue depend heavily on how the technology is utilized. If individuals approach AI systems as a source of definitive answers, the reflective process may become passive rather than exploratory. Spiritual development seeks uncertainty, contemplation, and personal interpretation, and if the lack of these processes is present, AI assisted dialogue will not help, but will create a diversion and may even distract the person from the uncertainty and contemplation which is required for that person to answer for themselves.

### **KNOWLEDGE ACCESSIBILITY AND SPIRITUAL EXPLORATION**

Another distinct dimension in which artificial intelligence may influence spiritual intelligence, involves the accessibility of spiritual knowledge and philosophy. Historically, access to these philosophical texts, religious scholarship, and spiritual traditions was often restricted by educational barriers, language-based limitations, or regional constraints. Modern digital technologies have already expanded access to knowledge, but AI systems. Further accelerate this process by synthesizing information from multiple sources and presenting it in simplified forms, when prompted.

Through AI mediation interactions, individuals may face philosophical traditions, ethical frameworks, and spiritual teachings that they might never have discovered independently. Exposure to diverse philosophical ideas can broaden the horizon of an individual's perspective on existential questions, such as suffering, morality, purpose, and human interconnectedness. This very exposure may stimulate the cognitive processes associated with spiritual intelligence, particularly capacities for critical existential thinking and personal meaning production (King & DeCicco, 2000).

Simultaneously, increased accessibility to spiritual ideas does not necessarily guarantee deeper understanding of those ideas. Spiritual traditions often emphasize the importance of experience, discipline, and sustained contemplation. This is because subjective experience may differ from person to person and as thinkers, it is our responsibility to acknowledge that. While AI can help summaries ideas or religious teachings, genuine comprehension emerged through prolonged engagement with concepts proposed in these spiritual and ethical doctrines. Therefore, AI may

serve an entry point to philosophical exploration, but it cannot replace the rich intellectual and experiential process through which individuals interlink spiritual insights into their lives.

### **THE LIMITS OF MACHINE UNDERSTANDING**

A central philosophical challenge in testing AI's relationship with spirituality concerns the distinction to be made between information, processing and actual, genuine understanding. Artificial intelligence systems operate through computational processes that analyze patterns and data and generate output based on statistical probability. Why the systems can produce responses that appear coherent or insightful, their operations remain fundamentally different from human cognition.

Searle (1980) Demonstrates this through his thought experiment, the Chinese room, wherein a person who does not understand Chinese manipulate Chinese symbols according to a rulebook producing responses that appear linguistically correct to outside observers. However, the individual inside the room does not actually understand the language. He only understands the instructions written in the rulebook. Searle uses this analogy to argue that computers may simulate understanding through symbol manipulation without genuine comprehension of the information that they are manipulating.

This argument brings out an important limitation when considering whether artificial intelligence could ever possess spiritual intelligence, spiritual intelligence is often associated with conscious awareness, subjective experience and emotional depth, and as we know, artificial intelligence cannot have any of these unless it has a moral compass and lived experience. These elements involve phenomenological aspects of human life that cannot easily be reduced to computational processes and while AI may simulate discussions about morality, suffering or transcendence, it does not experience the phenomena directly. As a result, AI generated discussion of spirituality remains fundamentally representational rather than experiential.

### **COMPARATIVE ANALYSIS OF CONSCIOUSNESS AND THE “HARD CONSCIOUSNESS PROBLEM”**

Debates about artificial intelligence and spirituality are also intricately connected to wider philosophy and discussions about consciousness. David Chalmers introduced the concept of the “hard problem of consciousness” referring to the difficulty of explaining how subjective

experience arises from physical processes. While neuro science has made significant progress in understanding brain activity, the emergence of conscious awareness remains unresolved.

This problem becomes particularly referred to when discussing the possibility of spiritually aware machines' spiritual experiences, often involving altered states of consciousness, characterized by feelings of interconnectedness, transcendence, or existential insight. These experiences are highly subjective and cannot be fully understood through purely function descriptions of cognitive behavior. Even if a machine could replicate the external behaviors associated with reflective reasoning, it would not necessarily possess the inner experience that gives spiritual reflection the meaning it has today.

As a consequence, many philosophers argue that artificial intelligence should not be evaluated according to whether it can replicate spiritual experiences, but rather, according to how it influences human experiences, AI may shape the contexts within which individuals face these philosophical ideas, but the internalized experiences of meaning and awareness of transcendence remains solely human.

### **TECHNOLOGY AND THE TRANSFORMATION OF SPIRITUAL PRACTICES**

An important consideration to make while involving the broad relationship between technology and spiritual practices is that throughout history, technological developments have often transformed the ways in which religious and philosophical ideas are transmitted. The invention of the printing press dramatically expanded access to religious texts while modern digital technologies enable the global distribution of spiritual teachings through online platforms and social media.

Heidi Campbell argued that digital environments are increasingly shaping how individuals encounter and interpret religious frameworks. Researchers like Beth Singler examine how artificial intelligence is beginning to influence religious discourse and spiritual imagination. AI systems are already being used to generate sermons, simulate theological conversations, and assist individuals and exploring religious texts. They also help in interpretation of these texts subject to the individual's questions about the text and whether it is applicable in a described situation or not, and if so, exactly how.

These developments suggest that artificial intelligence potentially can become integrated into spiritual practices in new and innovative, unexpected ways. However, these integrative practices

may raise questions about authenticity and authority. Spiritual traditions often press on the matter of the importance of personal mentorship, community interaction and embodied ritual practices. Spiritual discourse becomes heavily mediated by technological systems. There is a possibility that the communal and experiential aspects of spirituality may be altered.

### **POWER KNOWLEDGE, AND TECHNOLOGICAL MEDIATION**

Discussions of knowledge and power also provide useful frameworks for analyzing the role of artificial intelligence and shaping spiritual discourse. Michel Foucault argued that systems of knowledge are inseparable from structures of power. According to Foucault, institutions that produce and distribute knowledge, influence of societies, define truth, legitimacy, and authority. Computational programmes have increasingly started to function as intermediaries through which they employ access to knowledge. When people turn to AI systems to answer, philosophy, or existential questions, the platform becomes a part of the epistemic structure through which the knowledge is interpreted. This raises questions about the sources of information used to train AI systems as well as the biases that may influence the responses that are being generated. The answer may also lie in the hands of the human using this AI model to interpret these philosophical enquiries. The prompts used heavily influence the responses that AI generates, so the bias could very well be in the hands of the human, figuratively.

In the context of spirituality, this mediation becomes specifically significant. Spiritual beliefs often shape moral values, social terms, and identity of a person in a community setting. If technological systems start fitting how individuals interpret spiritual concepts, the relationship between technology and cultural meaning will become even more complicated than it is today. Maintaining critical awareness of this mediation is therefore essential for ensuring that individuals remain active in the process of meaning production.

### **ETHICAL RESPONSIBILITY AND HUMAN AGENCY**

Discussions of artificial intelligence and spirituality must address the question of ethical responsibility. Some scholars caution against attributing agency or moral status to artificial intelligence systems. AI Ethicist Joanna Bryson argues that treating AI as moral agents may obscure the responsibilities of the humans who design, deploy, and regulate these technologies. AI systems remain artefacts created by human institutions and their behavior ultimately reflects

human decisions. AI researcher Stuart Russell similarly pressed on the matter of aligning AI systems with human values as AI becomes increasingly integrated into everyday decision-making, processes, and ensuring these systems promote critical thinking, rather than passive dependence, become an important ethical priority.

In the context of spiritual intelligence, maintaining human agency is the most important. Spiritual growth involves ethical struggle, the development of moral responsibility and introspection. If individuals start to rely excessively on AI systems to provide moral interpretations and guidance, there is a risk that personal responsibility for ethical reasoning may be diminished and pushed onto AI in certain situations. Recognizing AI as a supportive tool rather than a source of authority helps preserve the human centered nature of spiritual enquiry.

### **ETHICAL AND PHILOSOPHICAL CONCERNS**

In the spiritual domain, ethical concerns, regarding the authenticity of technologically mediated spiritual experiences arise. Spiritual traditions often emphasize introspection, contemplation, and personal transformation, for example, rethinking said words during an argument, and whether it was too harsh for the other person. If individuals begin relying excessively on AI systems for moral guidance or existential interpretation, that is a risk that deeply personal processes of reflection may become external to technological systems. The question will not remain about authority vs. guidance; it will become autonomy vs. authority. The control and the power of one's decision will slowly yet voluntarily pass on to these very AI systems that the individual employed for optional use. The frequency of use is a critical factor that should be recorded, monitored and controlled on a timely basis to keep the control, still, in one's own mind, and not pass it to a programmed system. Stuart Russell emphasizes the importance of designing artificial intelligence systems that remain aligned with human values as AI systems increasingly influence decision making processes with an education, governance and communication. This ensures that these technologies promote critical thinking and ethical awareness.

Maintaining a balance between technological assistance and personal reflection becomes important for preserving the integrity of spiritual growth. Artificial intelligence may be useful as a tool for exploring philosophical ideas, but it should not replace the introspective practices through which individuals cultivate self-awareness and moral understanding. That ultimately helps

them to morally reason their arguments. The autonomy should remain with the individual that is living.

Joanna Bryson argues that artificial intelligence systems should not be treated as independent moral agents. Instead, I should be understood as a tool created by human designers and institutions. By assigning moral responsibility to machines risks, obscuring the human decisions and institutional structures that help shape technological systems as a whole.

## CONCLUSION

Artificial intelligence has increasingly transformed the way individuals access knowledge and engage with complex philosophical and psychological questions. However, the concept of the spiritual intelligence quotient the SQ remains fundamentally connected to human consciousness, self-reflection, and lived experience. Scholars such as Robert Emmons and Frances Vaughan describe spiritual intelligence as the capacity and ability to find meaning, develop compassion and address existential concerns that one might have.

Although artificial intelligence can provide access to philosophical texts, spiritual teachings, and reflective dialogue, it lacks the subjective awareness required for genuine, spiritual understanding. Philosophers such as John Searle and David Chalmers have emphasized that computational systems may simulate and stimulate intelligence without possessing consciousness or inner experience.

To conclude, artificial intelligence cannot independently possess spiritual intelligence. Instead, it should be understood as a tool that can support human reflection and learning while the deeper processes of meaning-making, and spiritual awareness remain uniquely human.

## REFERENCES

1. Alkhouri, Khader I. "Spiritual Confusion in the Era of Artificial Intelligence: A Psychology of Religion Perspective." *International Review of Psychiatry*, vol. 37, no. 5, 2025, pp. 540–553.
2. Bjorck, Jeffrey P., et al. "Religious Coping and Psychological Adjustment." *Journal for the Scientific Study of Religion*, vol. 36, no. 4, 1997, pp. 565–579.
3. Bostrom, Nick. *Superintelligence: Paths, Dangers, Strategies*. Oxford University Press, 2014.

4. Bryson, Joanna J. “Robots Should Be Slaves.” *Close Engagements with Artificial Companions: Key Social, Psychological, Ethical and Design Issues*, edited by Yorick Wilks, John Benjamins Publishing, 2010.
5. Burlacu, Magdalena. “Knowledge, Conscience, Consciousness, Awareness, or about the Presence and Use of Artificial Intelligence in Spiritual Life and Their Challenges.” *Studia Universitatis Babeş-Bolyai Theologia Orthodoxa*, vol. 69, no. 1, 2024, pp. 37–56.
6. Chopra, Deepak. *Digital Dharma: How AI Can Elevate Spiritual Intelligence and Personal Well-Being*. Random House, 2024.
7. Coeckelbergh, Mark. *Self-Improvement: Technologies of the Soul in the Age of Artificial Intelligence*. Columbia University Press, 2022.
8. Dennett, Daniel C. *Freedom Evolves*. Viking Press, 2003.
9. Emmons, Robert A. “Is Spirituality an Intelligence? Motivation, Cognition, and the Psychology of Ultimate Concern.” *The International Journal for the Psychology of Religion*, vol. 10, no. 1, 2000, pp. 3–26.
10. Floridi, Luciano. *The Ethics of Information*. Oxford University Press, 2013.
11. Floridi, Luciano, and Josh Cowls. “A Unified Framework of Five Principles for AI in Society.” *Harvard Data Science Review*, vol. 1, no. 1, 2019.
12. Floridi, Luciano, and J. W. Sanders. “On the Morality of Artificial Agents.” *Minds and Machines*, vol. 14, no. 3, 2004, pp. 349–379.
13. Frunză, Sandu. “Cultural Intelligence, Spiritual Intelligence and Counseling in the Age of Artificial Intelligence.” *Journal for the Study of Religions and Ideologies*, vol. 22, no. 64, 2023, pp. 80–95.
14. Galvagni, Lucia. “A Digital Spirituality for Digital Humans?” *Religion in the Age of Digitalization*, Routledge, 2020, pp. 144–154.
15. Gardner, Howard. *Multiple Intelligences: New Horizons in Theory and Practice*. Basic Books, 2006.
16. Garg, Muskan. *Spiritual Artificial Intelligence (SAI)*. Springer, 2024.
17. Graves, Mark. “Shared Moral and Spiritual Development among Human Persons and Artificially Intelligent Agents.” *Theology and Science*, vol. 15, no. 3, 2017, pp. 333–351.

18. King, David B. *Rethinking Claims of Spiritual Intelligence: A Definition, Model, and Measure*. Trent University, 2008.
19. Kumar, Dinesh, and Enjula Uchoi. "Using Artificial Intelligence for Spiritual Well-Being: Conceptualizing Predictive Models." *Journal of Spirituality in Mental Health*, vol. 27, no. 4, 2025, pp. 623–651.
20. Kurzweil, Ray. *The Singularity Is Near: When Humans Transcend Biology*. Viking, 2005.
21. Kwilecki, Susan. "Religion and Coping: A Contribution from Religious Studies." *Journal for the Scientific Study of Religion*, vol. 43, no. 4, 2004, pp. 477–489.
22. Marshall, Ian, and Danah Zohar. *SQ: Spiritual Intelligence, the Ultimate Intelligence*. Bloomsbury, 2000.
23. McCarthy, John. "What Is Artificial Intelligence?" Stanford University, 2007.
24. Merton, Thomas. *New Seeds of Contemplation*. New Directions, 1961.
25. Norvig, Peter, and Stuart Russell. *Artificial Intelligence: A Modern Approach*. 4th ed., Pearson, 2021.
26. Oyebanji, Israel Temitope, et al. "Artificial Intelligence and Its Effects on Christian Youths' Spirituality." *African Journal of Religious and Theological Studies*, vol. 4, no. 1, 2025, pp. 34–52.
27. Pargament, Kenneth I. *The Psychology of Religion and Coping: Theory, Research, Practice*. Guilford Press, 1997.
28. Pew Research Center. "Artificial Intelligence and the Future of Humans." Pew Research Center, 2018.
29. Raghav, Yogita Yashveer, and Sarita Gulia. "The Rise of Artificial Intelligence and Its Implications on Spirituality." *Investigating the Impact of AI on Ethics and Spirituality*, IGI Global Scientific Publishing, 2023, pp. 165–178.
30. Searle, John R. "Minds, Brains, and Programs." *Behavioral and Brain Sciences*, vol. 3, no. 3, 1980, pp. 417–457.
31. Singler, Beth. *Religion and Artificial Intelligence: An Introduction*. Routledge, 2024.
32. Stanford Encyclopedia of Philosophy. "Artificial Intelligence." Stanford University, 2023.
33. Tolle, Eckhart. *The Power of Now: A Guide to Spiritual Enlightenment*. New World Library, 1999.

34. Turkle, Sherry. *Alone Together: Why We Expect More from Technology and Less from Each Other*. Basic Books, 2011.
35. UNESCO. *Recommendation on the Ethics of Artificial Intelligence*. UNESCO, 2021.
36. Vincenti, Michele. "AI-Assisted Spirituality: Transforming the Ignatian Exercises and the Lectio Divina for Modern Leadership Development." *International Journal of Religion & Spirituality in Society*, vol. 15, no. 4, 2025.
37. Wallace, B. Alan. *Contemplative Science: Where Buddhism and Neuroscience Converge*. Columbia University Press, 2007.
38. World Health Organization. *Ethics and Governance of Artificial Intelligence for Health*. WHO, 2021.
39. Yaumi, Muhammad. "Ethical-Spiritual Dimensions of 21st-Century Education: Taming Artificial Intelligence with Human Intelligence." *Al-Musannif*, vol. 7, no. 1, 2025, pp. 1–14.

Received: Feb 11, 2026

Accepted: Mar 09, 2026

Published: Apr 10, 2026

Beyond Intelligence: Investigating AI's Role in Spiritual Quotient Development, authored by Simmin Bawa and Hiya Kalra, is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License (CC BY-NC-ND 4.0) Published by ICERT.