

Emotional Intelligence in the 21st Century: Enhancing Learning, Leadership, and Well-being

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Abstract—In recent years, emotional intelligence has been a popular topic of debate in the field of management and the educational field. Emotional intelligence is a set of qualities and competencies that captures a broad collection of individual skills and dispositions, usually referred to as soft skills or inter and intra-personal skills, that are outside the traditional areas of specific knowledge, general intelligence, and technical or professional skills. This review examines the foundations of the definitions of emotional intelligence as well as existing educational research involving emotional intelligence, both within the health professions and externally. Recommendations for future research and research potential are discussed.

Index Terms—Education, Emotional Intelligence, Enhancing learning, Leadership, well-being.

I. INTRODUCTION

To effectively understand, use, and control your emotions to reduce stress, communicate, empathize with others, overcome obstacles, and diffuse conflict, you need emotional intelligence (EQ). You can develop stronger relationships, perform well at work and school, and reach your professional and personal objectives with the aid of emotional intelligence. You can also use it to establish a connection with your emotions, carry out your intentions, and decide what is most important after doing your research.

Our level of proficiency in our interpersonal and personal skills is referred to as our emotional intelligence. Research shows that these interpersonal and personal abilities are mastered in professional settings. The single most crucial factor affecting our performance success in the workplace is our mastery of these interpersonal and personal skills. It also has a significant impact on our feelings, thoughts, and behaviours. How well you understand and control yourself, deal with what happens to you, interact with and manage others will all depend on your emotional intelligence.

II. EMOTION

Emotion is a disrupted state of the organism that manifests as an undirected or directed reaction. The French term *emouvoir*, which is likewise based on the Latin words *emovere*, meaning “out,” and *movere*, meaning “move,” is the source of the English word “emotion.” According to Mayers (2001),

“physiological arousals, expressive behaviours, and conscious experience” are the three main components of emotion in humans. Mood, temperament, personality, and motivation are all correlated with emotion. Six of the main emotions according to Ekman (1972) are: happiness, surprise, disgust, fear, anger, and sadness. Jack et al. (2014) proposed that humans have four basic emotions: fear, anger, joy, and sadness.

The boundaries of several psychological subsystems — the psychological, cognitive, motivational, and experiencing systems — are crossed by emotions as organised responses. When an internal or external event occurs that has a positive-negative meaning for the person, emotions frequently follow. Emotional reactions primarily take place at three levels, according to Webster-Stratton (1999): neurophysiologic & biochemical, behavioural, and cognitive. Emotional regulation is the ability of a person to adequately control her/his emotional responses to arousing situations.

III. INTELLIGENCE

The Latin word “*Intelligentsia*,” from which the English word “intelligence” is derived, comes from the verb “*Intelligere*,” which means to comprehend or perceive. Intelligence gives people the cognitive skills necessary to understand concepts, reason, and recognize patterns, as well as the ability to invent, plan, solve issues, and communicate through language. Alfred Binet is regarded as the founder of intelligence. The psychologist William Stern created the acronym “IQ” from the German phrase “Intelligent Quotient” in 1912. There are nine different types of intelligence: naturalistic, musical, logical-mathematical, existential, spatial, bodily-kinaesthetic, interpersonal, linguistic, and intra-personal.

IV. EMOTIONAL INTELLIGENCE

The ability to sense, interpret, demonstrate, control, and use emotions to relate to others in a positive and successful way is known as emotional intelligence (EI). According to some experts, emotional intelligence is more crucial for success in life than IQ. Two psychologists, Peter Salovey and John Mayer, coined the phrase “emotional

intelligence” in their paper published in the Journal of Imagination. According to Daniel Goleman (1995), emotional quotient accounts for up to 80% of adult success.

Several scholars have defined emotional intelligence as follows. David Wechsler (1944) described intelligence as “an individual’s aggregate or global capacity to act purposefully, think rationally, and deal effectively with his environment.” Stein and Book (2001) described it as “set of skills that enables us to make our way in a complex world — the personal, social, and survival aspects of overall intelligence.” Caruso et al. (2003) wrote that “Emotional intelligence refers to the ability to process emotion-laden information competently and to use it to guide cognitive activities like problem-solving and focus energy on necessary behaviour.” Mangal (2003) described it as “unitary ability helpful in knowing, feeling, and judging emotions in closed cooperation with one’s thinking process to behave appropriately, for the ultimate realisation of the happiness and welfare of the self in tune with others.” Hein (2003) described it as “the ability to distinguish between healthy and unhealthy feelings and to transform negative feelings into positive ones.”

V. FIVE DOMAINS OF EMOTIONAL INTELLIGENCE

Emotional Intelligence has been categorized into five domains as explained by Daniel Goleman (1995):

- **Self-Awareness:** Self-awareness involves having a realistic appraisal of our talents and a solid sense of self-confidence. It includes being aware of how we are feeling right now and using those feelings to inform our decision-making.
- **Managing Emotions:** The ability to control our emotions so that they support rather than obstruct the work at hand; being responsible and deferring pleasure to accomplish goals; and successfully recovering from emotional distress.
- **Self-Motivation:** Self-motivation is the process of using our deepest desires to push and direct us towards our goals, encourage initiative and the will to get things done, and to keep going in the face of obstacles and setbacks.
- **Empathy:** Sensing what people are feeling, being able to take their perspective, and cultivating rapport and attunement with a broad diversity of people.
- **Handling Relationships:** Managing relationships’ emotional ups and downs while effectively understanding social situations and networks, connecting with others, and using these skills to persuade and lead, as well as negotiate

and resolve conflicts to promote cooperation and teamwork.

VI. CHARACTERISTICS OF EMOTIONAL INTELLIGENCE

- **Change Agents:** People with high emotional intelligence are not afraid of change. They understand that it is a necessary part of life, and they adapt to it.
- **Self-Aware:** They know what they are good at and what they still have to learn. Their strengths motivate them to do better, but their weaknesses do not hold them back.
- **Empathetic:** The hallmark of emotional intelligence is being able to relate to others. They can understand what others are going through and help them get through tough times.
- **Not Perfectionists:** People with emotional intelligence know that perfection is impossible. They roll with the punches and learn from their mistakes.
- **Balanced:** They know the importance of and how to maintain a healthy professional-personal balance in their lives.
- **Curious:** An inborn sense of wonder and curiosity makes them delightful to be around. They don’t judge, they explore the possibilities.
- **Gracious:** They know that every day brings something to be thankful for. They feel good about their lives and don’t let toxic people affect that.
- **Apologetic:** It takes strength and courage to be able to say sorry. Apologizing doesn’t always mean you’re wrong; it means the person values relationships more than ego.

VII. DIMENSIONS OF EMOTIONAL INTELLIGENCE

- **Emotional Competency:** Emotional self-control, the ability to avoid emotional exhaustion like stress and burnout, the ability to relate to others, the enjoyment of emotions, tackling emotional upsets like frustration, conflicts, and inferiority complexes, and high self-esteem and optimism.
- **Emotional Maturity:** The ability to assess one’s own and other people’s emotions, recognise and express feelings, balance one’s emotional and mental states, be adaptable and flexible, value other people’s viewpoints, and postpone the desire for immediate psychological gratification.
- **Emotional Sensitivity:** Understanding the emotional threshold, controlling the local surroundings, fostering harmony and comfort

with others, being sincere in interpersonal interactions, accurately understanding emotional cues, and having insight into how other people perceive and relate to you.

VIII. EMOTIONAL INTELLIGENCE MODELS

The path was laid by early theorists like Thorndike and Gardner for today's Emotional Intelligence specialists. Emotional intelligence is conceptualised from one of two perspectives in each theoretical paradigm: ability or mixed model. The only existing ability model for emotional intelligence is that put forth by John Mayer and Peter Salovey. There have been two alternative mixed models put out, each with a somewhat different idea: the Ability Model of Emotional Intelligence, the Bar-On Mixed Model of Emotional Intelligence, and the Mixed Model of Emotional Intelligence.

IX. BRANCHES OF EMOTIONAL INTELLIGENCE

Salovey and Mayer proposed a model that identified four different factors of emotional intelligence:

- **Perceiving Emotions:** The first step in understanding emotions is to perceive them, including the ability to identify one's own emotions and to detect and decipher emotions in faces, pictures, voices, and cultural artefacts.
- **Reasoning with Emotions:** The next step involves using emotions to promote thinking and cognitive activity. Emotional reasoning creates an 'emotional truth,' which may be in direct conflict with the inverse 'perceptual truth.'
- **Understanding Emotions:** All emotions tell us something about ourselves and our situation. Instead of judging ourselves for feeling a certain way, it is better to notice how we actually feel and accept those feelings.
- **Managing Emotions:** Managing emotions means having the skills to deal with your emotions before they become overwhelming and stop you from taking positive action.

X. SIGNIFICANCE OF EMOTIONAL INTELLIGENCE IN EDUCATION

Emotional intelligence plays a crucial role in the educational domain by enhancing both teaching and learning processes. Teachers with high emotional intelligence can better understand students' emotional needs, create a positive classroom environment, and manage classroom behaviour effectively. Similarly, students with developed emotional intelligence demonstrate improved academic performance, better stress management, and enhanced interpersonal

relationships. Emotional intelligence also supports inclusive education by fostering empathy, respect, and collaboration among diverse learners.

XI. ROLE OF EMOTIONAL INTELLIGENCE IN LEADERSHIP AND MANAGEMENT

In management, emotional intelligence is considered a vital leadership competency. Leaders with high emotional intelligence can inspire and motivate their teams, manage conflicts constructively, and build strong organizational relationships. Emotional intelligence contributes to effective decision-making, employee satisfaction, and organizational success. It also helps leaders adapt to change, handle workplace stress, and maintain a healthy work environment.

XII. CONCLUSION

The development of organisations and people both increasingly depends on emotional intelligence. The ability, aptitude, talent, or self-perceived ability to recognise, evaluate, and control one's own emotions, as well as those of others and groups, is referred to as emotional intelligence. This review has improved comprehension of the numerous causes of emotion and emotional control. Better adaptability, empathy for employees, leadership abilities, rapport in groups, participative management, decision-making, and cooperation among coworkers are all benefits of emotional intelligence. Nowadays, most businesses hire people with emotional intelligence to handle challenges at work and be more productive for the business.

REFERENCES

- [1] J. Bhagwan and Anupama, "The impact of emotional intelligence on employee performance," *Journal of Informatics Education and Research*, vol. 5, no. 1, 2025.
- [2] D. R. Caruso, P. Salovey, and J. D. Mayer, "Emotional intelligence and emotional leadership," in *Multiple Intelligences and Leadership*, R. E. Riggio and S. E. Murphy, Eds. Mahwah, NJ: Erlbaum, 2003, pp. 55–73.
- [3] P. Ekman, "Universal and cultural differences in facial expression of emotions," in *Nebraska Symposium on Motivation*. Lincoln, NE: University of Nebraska Press, 1972, pp. 207–283.
- [4] J. M. Freedman, P. E. Freedman, D. Y. Choi, and M. Miller, "The emotional recession: Global declines in emotional intelligence and its impact on organizational retention, burnout, and workforce resilience," *Frontiers in Psychology*, vol. 16, 2025, Art. no. 1701703.

- [5] D. Goleman, *Emotional intelligence: Why it can matter more than IQ*. New York: Bantam Books, 1995, pp. 48–66.
- [6] S. Hein, “Emotional concepts: Emotional intelligence,” 2003. [Online]. Available: <http://www.emotionalprocessing.org.uk/emotion%20concepts/Emotional%20intelligence.html>
- [7] I. A. Ibrahim, “Unlocking potential: The impact of emotional intelligence on quality of life and academic success of students,” *Frontiers in Psychology*, vol. 16, 2025.
- [8] R. Jack, O. Garrod, and P. Schyns, “Dynamic facial expressions of emotion transmit an evolving hierarchy of signals over time,” *Current Biology*, vol. 24, pp. 187–192, 2014.
- [9] E. M. K. Jose and B. P. Kushwaha, “Twenty years of emotional intelligence in academia: A methodological review,” *International Journal of Learning and Change*, vol. 16, no. 4, 2024.
- [10] S. K. Mangal, *Advanced educational psychology*, 2nd ed. New Delhi: Prentice Hall of India, 2003, pp. 324–327.
- [11] J. D. Mayer, P. Salovey, D. R. Caruso, and G. Sitarenios, “Emotional intelligence as a standard intelligence,” *Emotion*, vol. 1, pp. 232–242, 2001.
- [12] P. Salovey and J. D. Mayer, “Emotional intelligence,” *Imagination, Cognition and Personality*, vol. 9, no. 3, pp. 185–211, 1990.
- [13] M. Soliman et al., “Emotional intelligence outcomes in higher education institutions,” *Perceptual and Motor Skills*, vol. 128, no. 5, 2023.
- [14] S. J. Stein and H. E. Book, *The emotional quotient edge: Emotional intelligence and your success*. Toronto, Canada: Stoddart Publishing, 2001.
- [15] M. Tirana et al., “Academic staff wellbeing and emotional intelligence development,” *Journal of Education Culture and Society*, vol. 16, no. 1, 2025.
- [16] C. Webster-Stratton, *How to promote children’s social and emotional competence*. London: Paul Chapman Publishing, 1999.
- [17] D. Wechsler, *The measurement of adult intelligence*, 3rd ed. Baltimore: William & Wilkins, 1944.