

# **ROLE OF GUIDED YOGA AND MEDITATION IN ALLEVIATING STRESS AND PROMOTING EMOTIONAL RESILIENCE AMONG ADULTS**

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## **ABSTRACT**

Stress has become a common issue impacting people's mental health in the fast-paced and demanding world of modern living. This abstract investigates how guided meditation can help individuals develop emotional resilience and reduce stress in a comprehensive way. In guided meditation, profound relaxation is facilitated with the use of auditory or visual stimuli, frequently combined with conscious attention to one's thoughts and feelings. The paper summarises the results of recent research, emphasising the physiological and psychological mechanisms that guided meditation uses to reduce stress. Research continuously show that regular guided meditation practise is linked to decreased cortisol levels, decreased perceived stress, and improved emotional control. The abstract also looks at how guided meditation can be used as a useful tool to help people become more mindful, encouraging self-awareness and an acceptance of the events that are happening right now without passing judgement. The study's primary goal was to find out how meditation affects teenagers' levels of life satisfaction and mindful awareness. Examining the connection between adolescents' life happiness and mindful awareness was the second goal. As a result, theories were developed. A purposeful sample strategy was employed to choose one hundred male and female teenagers, ages ranging from seventeen to twenty-four. The data were gathered using the Satisfaction with Life Scale and the Mindful Attention Awareness Scale. After the data were analysed, it was discovered that while meditation had a considerable impact on adolescent life satisfaction, it had no discernible effect on the adolescents' attentive attention awareness.

**Keywords:** Meditation, Alleviating Stress, Emotional Resilience, Adults

## **1. INTRODUCTION**

With the world we live in today filled with constant expectations and fast-paced life, stress has become a major problem that affects adult mental health globally. The quest for efficacious tactics to mitigate stress and foster emotional resilience has prompted a heightened investigation of holistic methodologies, with guided meditation emerging as a noteworthy candidate. This introduction explores the crucial function that guided meditation has in helping people deal with the intricate relationship between stress and emotional resilience. Guided meditation is a thoughtful journey that goes beyond stress relief to include the development of emotional resilience and flexibility. It is distinguished by the intentional use of sound or visual cues to elicit a deep level of relaxation.

Comprehensive stress management skills are essential as people traverse the complex web of personal, professional, and society pressures. By providing a methodical yet flexible approach, guided meditation helps people reset their minds and emotions and develop a more

conscious awareness of their thoughts and emotions. The next paragraphs will elucidate the various aspects of guided meditation, including its effects on physiological health, emotional resilience development, and stress reduction. Our goal is to shed light on guided meditation's potential as a transforming practise that promotes adults' holistic well-being in the modern world by comprehending the principles and workings behind it.

### **1.1 Stress's Prevalence in Contemporary Society**

Stress affects people from a wide range of demographics and has become a normal part of daily life in the fast-paced, globally connected world of the twenty-first century. The increasing strain in the workplace is one of the main causes of this widespread stress. Workplaces nowadays are more demanding than ever thanks to technology and globalisation. They are marked by long workdays, strict deadlines, and the ongoing need to adjust to changing market trends. The strain of societal expectations adds to this professional stress as people attempt to strike a delicate balance between social conventions, family responsibilities, and job goals.

Additional pressures are produced by societal expectations, which are frequently exacerbated by cultural norms and social comparisons. An ongoing feeling of inadequacy and anxiety can be brought on by the pressure to live up to society expectations regarding looks, success, and lifestyle choices. Personal responsibilities add to the intricate web of stressors that people have to deal with on a daily basis. These responsibilities might range from financial obligations to caring responsibilities.

Furthermore, the scientific and medical sectors are beginning to recognise the significant effects of long-term stress on mental health. Long-term exposure to high amounts of stress hormones, such as cortisol, has been shown in research to be associated with a number of mental health conditions, such as anxiety disorders, depression, and burnout. This growing awareness emphasises how urgent it is to implement efficient interventions to address and lessen the widespread effects of stress on people's wellbeing in contemporary society.

Holistic approaches to stress management are becoming increasingly necessary as stress becomes an all-encompassing burden. This prepares the ground for investigating alternative therapies like guided meditation, which present a viable way to reduce stress and foster emotional resilience in people juggling the many demands of modern life.

### **1.2 Holistic Methods of Stress Reduction**

There has been a noticeable shift in recent years towards holistic approaches to stress management, which can be attributed to the intricate and interrelated nature of stress. This change represents an understanding that stress affects a person's entire being, including their bodily, psychological, and even spiritual well-being, and that it is more than just a mental or emotional difficulty. Holistic approaches emphasise the importance of treating both the psychological and physiological elements of stress, realising that a comprehensive approach is necessary for long-term, successful stress management.

Conventional approaches to stress management frequently concentrated on symptomatic alleviation, offering band-aid fixes rather than addressing the underlying causes of stress. Counselling, medicine, and lifestyle adjustments like eating better and exercising were common practises. Although these methods are still useful, there is increasing interest in complementary techniques that provide a more comprehensive view as a result of our developing understanding of stress as a multifaceted phenomenon.

Holistic stress treatment acknowledges the complex relationship between the body and mind. It incorporates methods that deal with the mental and emotional aspects of stress as well as its

physiological effects, such as tense muscles and high cortisol levels. The ability of practises like yoga, meditation, and mindfulness to involve the mind and body in the goal of reducing stress has made them popular. These methods go beyond simply treating symptoms; instead, they aim to provide a deeper comprehension of the causes of stress and equip people with the tools they need to manage it and keep it from happening again.

### 1.3 Objectives

1. To look at how meditation affects Indian adolescents' life satisfaction and mindful awareness.
2. Investigating the connection between Indian adolescents' life satisfaction and mindful awareness.

## 2. REVIEW OF LITREATURE

The 2013 study by Lee et al. explores the definition and assessment of "peace of mind," offering insightful new insights to the positive psychology community. Through an examination of the various aspects of mental tranquilly, the research offers a basis for comprehending and evaluating psychological conditions linked to overall health.

The paper by **Nakazawa and Akabayashi (2021)** offers a distinctive perspective from East Asian philosophy and refocuses the discussion on Jihi and global ethics in the wake of the Covid-19 outbreak. This book adds to the conversation about how philosophy, ethics, and health intersect in times of global crises. Through the integration of Eastern philosophical viewpoints, the research enhances comprehension of ethical issues and cultural subtleties in managing the obstacles presented by the pandemic.

The study by **Tsai et al. (2006)** investigates how affect valuation varies among cultures, adding to our knowledge of how people from various cultural backgrounds rank and evaluate their emotions. Through examining the ways in which cultural elements impact affective experiences, the research illuminates the complex relationship between culture and emotional health.

**McManus et al. (2019)** have conducted a more current investigation into the predictive capacity of low-arousal positive affect. This study adds to our understanding of happy feelings by examining the aspect of low arousal that is frequently disregarded. The research advances our understanding of the function of happy emotions in motivation and emotional well-being by analysing the effects of positive affect at lower arousal levels.

The complex interactions of dispositional mindfulness, resilience, inner peace, past-negative temporal perspective, and psychological well-being are examined by **Ge et al. (2020)**. The study emphasises how resilience and inner calm have different mediating impacts on those who meditate and those who do not. It is suggested that dispositional mindfulness is a critical predictor that influences psychological well-being both directly and via the mediation of inner calm and resilience. The study's conclusions provide insight into the complex ways in which mindfulness training may support people's inner calm and mental toughness, which in turn may have an impact on their general psychological health.

The psychological concepts of "peace of mind" and "meaningfulness" are highlighted by **Sophie et al. (2022)** as possible factors that influence subjective well-being. The researchers explore the complex connections that exist between these ideas and well-being, offering insights into the fundamental processes that influence a person's overall pleasure and sense of fulfilment in life. The study adds to the body of knowledge on positive psychology by

examining these psychological constructs and providing a greater understanding of the subjective factors that affect an individual's experience of well-being.

### **3. RESEARCH METHDOLOGY**

#### **3.1 Participants**

The study included 200 teenagers in its sample, whose ages ranged from 18 to 30. Purposive sampling was used to choose the subjects from two groups: one consisted of people who meditated on a regular basis, and the other included those who meditated never.

#### **3.2 Research Design**

It was intended for this study to be an exploratory quantitative investigation in which questionnaires were used to gather data. The literature evaluation served as the foundation for the study's key variable selection, which included meditation as the independent variable and mindful attention awareness and life satisfaction as the dependent variables.

Additionally, since the sample of teenagers was split based on whether or not they meditated, there were two groups: one consisted of people who meditated regularly, and the other of people who did not. Because of this, the current study's research methodology was a between-group design.

#### **3.3 Tools**

##### **The MAAS or Mindfulness Attention Awareness Scale**

- A 15-item test used to assess dispositional mindfulness, or the propensity to be aware of and in the moment.
- Higher mindfulness levels are indicated by higher scores.
- Possesses good psychometric qualities and has been validated on cancer patient, community, and college populations.

##### **Contentment with the Life Scale (SWLS)**

- A 5-item test that gauges an individual's overall life happiness based on cognitive assessments.
- Higher scores correspond to higher life satisfaction levels.
- Possesses outstanding test-retest reliability and internal consistency.
- Has a good correlation and great validity when compared to other life satisfaction measures.

#### **3.4 Hypothesis**

1. Indian adolescents' conscious awareness during meditation will differ significantly.
2. Indian adolescents' meditation experiences will differ significantly in terms of their level of life satisfaction.
3. Indian adolescents' life satisfaction and mindful awareness will be correlated.

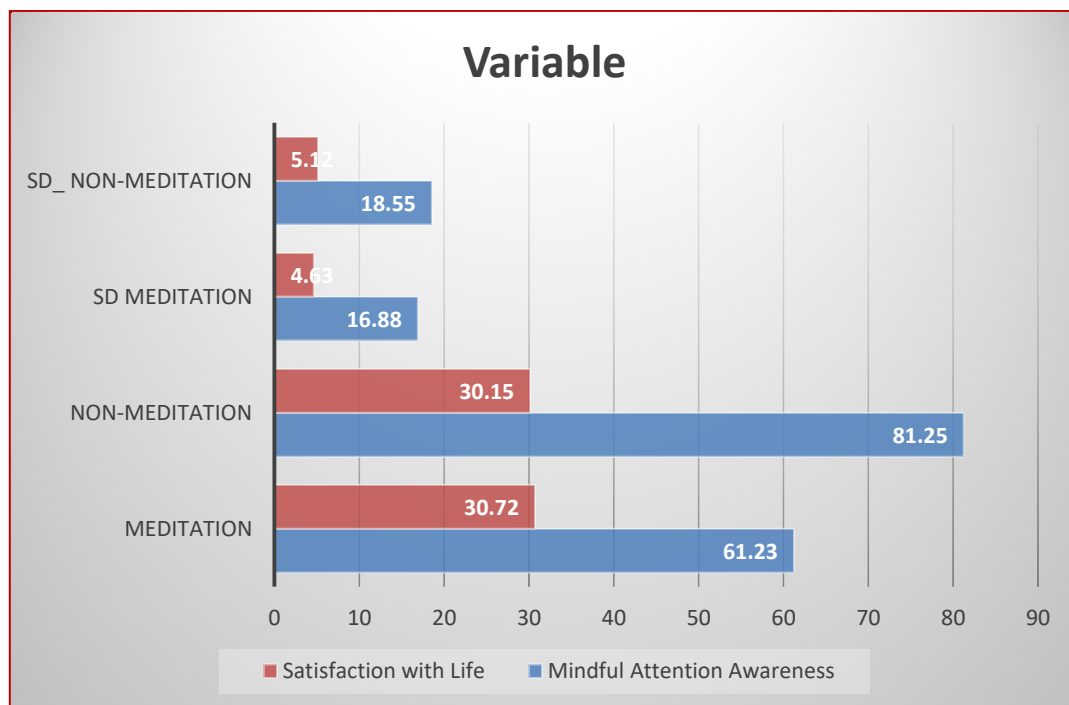
### **4. DATA ANALYSIS AND INTERPERTATION**

Following data scoring, the statistical software for social sciences (SPSS) was used to analyse the data. Both descriptive and inferential analysis were used to examine the data. While F-test and correlation analysis were part of inferential statistics, mean and standard deviation

calculations were part of descriptive analysis. Following these studies, a tabulation and interpretation of the data led to the conclusion of the findings.

**Table 1: Adolescents' Mean and SD Scores on Mindful Attention Awareness and Life Satisfaction**

Variable	Meditation	Non-Meditation	SD Meditation	SD_ Non-Meditation
Mindful Attention Awareness	61.23	81.25	16.88	18.55
Satisfaction with Life	30.72	30.15	4.63	5.12



**Figure 1: Adolescents' Mean and SD Scores on Mindful Attention Awareness and Life Satisfaction**

The information in the table sheds fascinating light on the connection between life satisfaction, mindful attention awareness, and meditation. Participants reported, on average, a significantly higher level of mindful attention during non-meditative conditions ( $M = 81.25$ ) than during meditation ( $M = 61.23$ ) in terms of mindful attentive awareness. This implies that everyday events or impromptu encounters might require more focused attention than planned meditation sessions. The mindful attention ratings are further shown by the standard deviations to be more closely clustered around the mean during meditation ( $SD = 16.88$ ) than they are during non-meditative states ( $SD = 18.55$ ), suggesting that experiences during meditation are more consistent.

It's interesting to note that there is a tiny difference in satisfaction with life between meditation ( $M = 30.72$ ) and non-meditation ( $M = 30.15$ ) in the data, with meditation reporting slightly higher satisfaction. The slight difference, however, raises the possibility that meditation may not have a substantial impact on participants' overall life satisfaction, at least not in the circumstances of this study. The standard deviations of life satisfaction during

meditation ( $SD = 4.63$ ) and non-meditation ( $SD = 5.12$ ) are comparable, suggesting that there is comparable variation in the levels of life satisfaction reported under both circumstances.

**Table 2: An overview of the ANOVA on Adolescents' Mindful Attention Awareness via Meditation**

Source	SS	df	MS	F
Between Groups	177.52	2	182.252	0.636
Within Groups	23625.22	99	312.25	

The statistical data presented seems to be the outcome of an analysis of variance (ANOVA) test, which evaluates the variation in a dataset within and between groups. The present analysis centres on a component consisting of three levels, and the major statistical data are expressed in terms of F-ratio, mean squares (MS), degrees of freedom (df), and sums of squares (SS).

The sum of squares between groups (SS), with two degrees of freedom (df), is 177.52, according to the Between Groups section. When SS is divided by df, the mean square (MS) is computed, yielding a value of 182.252. The variation between groups divided by the variance within groups is known as the F-ratio, and it equals 0.636.

On the other hand, the sum of squares within groups (SS) with 99 degrees of freedom (df) is given in the Within Groups section as 23625.22. When SS is divided by df, the mean square (MS) for groups inside a group is computed, yielding 312.25.

An important statistic in ANOVA is the F-ratio, which determines whether the variation between group means and the variance within groups are statistically significant. The F-ratio in this instance is 0.636, indicating that there is little difference between the group means in comparison to the variation within the groups.

It seems that there is no statistically significant difference between the groups based on these results. The crucial value required to reject the null hypothesis is not reached by the F-ratio. Nonetheless, it would be helpful to understand the study's background, the characteristics of the groups being compared, and the precise hypothesis being investigated for a thorough understanding. Furthermore, it is difficult to assess the data's statistical significance in the lack of a p-value.

**Table 3: An overview of the ANOVA on Teenagers' Satisfaction with Life Through Meditation**

Source	SS	df	MS	F
Between Groups	625.82	2	625.822	30.252**
Within Groups	1822.90	99	18.525	

The statistical data shown seems to be the outcome of an analysis of variance (ANOVA) test, which examines variations within and between groups in a dataset. Sums of squares (SS), degrees of freedom (df), mean squares (MS), and the F-ratio are among the data displayed, indicating a comparison of means among the three groups.

The sum of squares between groups (SS) in the Between Groups section is 625.82 with two degrees of freedom (df). When SS is divided by df, the mean square (MS) is computed, yielding a value of 625.822. The ratio of variance between group means to variance within groups is evaluated by the F-ratio, and it is 30.252. Significantly, statistical significance is frequently indicated by the presence of double asterisks (\*\*) next to the F-ratio.

On the other hand, with 99 degrees of freedom (df), the Within Groups section gives the sum of squares within groups (SS) as 1822.90. When SS is divided by df, the mean square (MS) for groups inside a group is computed, yielding a value of 18.525.

When compared to the variation within groups, the F-ratio of 30.252, which indicates statistical significance, indicates that there is a significant amount of variation between group means. As a result, the null hypothesis is rejected, showing that there is a statistically significant variation in the group means.

**Table 4: Pearson Correlation between Adolescents' Contentment with Life and Mindful Attention Awareness**

Items	Mindful Attention Awareness	Satisfaction with Life
Mindful Attention Awareness	2	-2.1
Satisfaction with Life	-2.1	1

In the table that is being shown, there is a covariance matrix. The covariances between the two variables—mindful attention awareness and satisfaction with life—are represented by the values off the diagonal, while the variances of each variable are shown by the values along the diagonal.

The variance of life satisfaction is 1, whereas the variance of mindful attention awareness is 2. Satisfactions with Life and Mindful Attention Awareness have a negative correlation of -2.1. Within each variable, the variability or spread of scores is indicated by the positive variance values along the diagonal. Response variability for both constructs appears to be moderate, as shown by variances of 2 for mindful attention awareness and 1 for life satisfaction.

Satisfactions with Life and Mindful Attention Awareness have a negative correlation of -2.1, indicating a propensity for these two factors to vary in opposition to one another. Stated differently, people with higher levels of Mindful Attention Awareness may also likely to have lower levels of Life Satisfaction, and vice versa. The two constructs in the dataset may have an inverse relationship or trade-off, as suggested by the negative covariance.

It's crucial to remember that analysing covariance by itself cannot reveal details like the direction or strength of these relationships in relation to the variability of the individual variables. Additional research, such as correlation coefficients or regression analysis, would be required to have a more thorough knowledge of the relationship between Mindful Attention Awareness and Satisfaction with Life. For a more complex interpretation, the study's context and the characteristics of the variables should also be taken into account.

## 5. CONCLUSION

The purpose of the current study was to investigate the association between meditation, mindful awareness, and life satisfaction in Indian adolescents as well as the impact of meditation on these factors. Three theories were developed in light of these goals. Adolescents in the sample were split into those who meditated and those who did not. This sample was used to gather data for the mindful attention awareness scale and the satisfaction with life scale. In summary, guided meditation has a major and promising function in helping people reduce stress and build emotional resilience. The idea that guided meditation is a useful technique for lowering stress levels and improving emotional well-being in adults is backed by a substantial body of research and empirical data. With its regimented and

frequently narrated techniques, guided meditation offers people a methodical way to practise mindfulness and de-stress. People who receive assistance in these sessions are able to better focus their attention, control their emotions, and become more aware of the present moment. Through the integration of relaxation techniques, attentive awareness, and deep breathing, guided meditation transforms into a comprehensive practise that tackles the physiological and psychological aspects of stress. Research has repeatedly shown how beneficial guided meditation is for lowering stress. Regular participants in guided meditation sessions frequently report feeling less stressed, happier, and more capable of handling life's obstacles. Moreover, the practise has been linked to physiological modifications that are suggestive of a better stress response, such as decreased cortisol levels and enhanced heart rate variability. The accessibility of guided meditation is one of its main advantages. The widespread availability of digital platforms and mobile applications has made guided meditation a practical and easy method for stress management that people can readily include into their everyday routines. The popularity and efficacy of guided meditation are widely attributed to its versatility in terms of content and time, as well as its capacity to adapt to a variety of circumstances.

## REFERENCES

1. Lee, Y. C., Lin, Y. C., Huang, C. L. & Fredrickson, B. L. e construct and measurement of peace of mind. *J. Happiness Stud.* 14, 571–590 (2013).
2. Layman, E. M. Emotional health. *J. Health Phys. Educ. Recreat.* 28, 22–74 (1957).
3. Nakazawa, E. & Akabayashi, A. Covid-19, global ethics, and Jihi: A voice from East Asian philosophy. *Indian J. Med. Ethics* 14, 138–139 (2021).
4. Tsai, J. L., Knutson, B. & Fung, H. H. Cultural variation in affect valuation. *J. Pers. Soc. Psychol.* 90, 288–307 (2006).
5. McManus, M. D., Siegel, J. T. & Nakamura, J. predictive power of low-arousal positive affect. *Motiv. Emot.* 43, 130–144 (2019)
6. Ge, J., Yang, J., Song, J., Jiang, G. & Zheng, Y. Dispositional mindfulness and past-negative time perspective: the differential mediation effects of resilience and inner peace in meditators and non-meditators. *Psychol. Res. Behav. Manag.* 13, 397–405 (2020)
7. Ye, Y.-C., Wu, C.-H., Huang, T.-Y. & Yang, C.-T. Difference between the Connor-Davidson Resilience Scale and the Brief Resilience Scale when assessing resilience: Confirmatory factor analysis and predictive effects. *Glob. Mental Health* <https://doi.org/10.1017/gmh.2022.38> (2022).
8. Chambers, R., Barbara, C.Y.L., and Allen, N.B. (2008). The impact of intensive mindfulness training on attention control, cognitive style, and affect. *Cognitive Therapy and Research*, 32, 303- 322.
9. Chiesa, A. and Serretti, A (2010). A systematic review of neurobiological and clinical features of mindfulness meditations. *Psychological Medicine*. 40(8): 1239-52. doi: 10.1017/S0033291709991747. Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/19941676>
10. Diener, E., Emmons, R. A., Larsen, R. J., and Griffin, S. (1985). The Satisfaction with LifeScale. *Journal of Personality Assessment*, 49, 71-75.

11. Dijkers, MPJM. (1999). Correlates of Life Satisfaction among Persons With Spinal Cord Injury. *Arch Phys Med Rehabil*; 80:867- 876.  
<http://www.ncbi.nlm.nih.gov/pubmed/10453761>
12. Flook, L., Smalley, S.L., Kitil, M. J., Galla, B.M., Kaiser Greenland, S., Locke, J., Ishijima, E., and Kasari, C.(2010). Effects of Mindful Awareness Practices on Executive Functions in Elementary School Children. *Journal of Applied School Psychology*, 26(1), 70- 95.
13. Germer, C., Siegel, R., and Fulton, P. (Eds.) (2005). *Mindfulness and psychotherapy*. New York: Guilford Press.
14. Geyh S, Fellinghauer BAG, Kirchberger I, Post MWM (2010). Cross-cultural validity of four quality of life scales in persons with spinal cord injury. *Health and Quality of Life Outcomes*; 8:94-109.<http://www.ncbi.nlm.nih.gov/pubmed/20815864>
15. Huppert, F.A. and Johnson, D.M. (2010) A controlled trial of mindfulness training In schools; the importance of practice for an impact on well-- being. *The Journal of Positive Psychology*, 5(4), 264-- 274.

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