Relationship between emotional intelligence and burnout: An empirical investigation of teacher educators

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ABSTRACT

Intention of this investigation was to explore if a relationship exists or not between emotional intelligence and burnout by examine a sample of 200 teacher educators that were selected by a purpose stratified sampling method from among of all teacher educators in District Gaya, India. In this investigation, two instruments were used to collect data, such as Weisinger’s Emotional Intelligence Test and Maslach Burnout Inventory (MBI). This research was correlation type so to analyze the data, were used Pearson correlation co-efficient and Analysis of Regression. Investigations found that teacher educator were not significantly different in emotional intelligence on the basis of gender, locality and teaching experience. Gender and teaching experience has nothing to play on burnout but locality has a significant difference on burnout score of teacher educators. Emotional intelligence and burnout syndrome have a strong negative association (r= -0.221), according to research results. Emotional intelligence had a significant contribution on burnout of teacher educators.

Keywords: Burnout, Depersonalization, Emotional intelligence, Personal accomplishment, Teacher educators

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1. INTRODUCTION

Teaching is a public dealing profession which demands more empathy, love, affection and care for the students. However, due to the changing demand of society this profession also came under pressure of professional needs. Teacher is an emotional laborer who continuously to cope up with emotional intelligence. But due to some unavoidable circumstances they have to face different challenges.

Teachers are highly expected to demonstrate positive emotions in all the way no matter what is happening in their inner cognition. Teacher faces many challenges in his/her life personally, professionally, socially, psychologically and other mores. It is very common for him to feel loneliness, lack of motivation, burnout, emotional stress, and improper feeling. All these factors not only suffer their professional life but also personal life. Balanced and well expected behavior from a teacher exhaust more mental and physical energy of a teacher resulting they start to feel mental stress and burnout. People who are emotionally intelligent are capable of balancing emotional demands [1].

As the fathers of emotional intelligence, Salovey and Mayer [2] represented emotional intelligence as “the subset of social intelligence that involves the ability to monitor one’s own and others’ feelings and emotions, to discriminate among them and to use that information to guide one’s thinking and actions”. In 1995 publication of the book “Emotional Intelligence” by Goleman [3], took the credit of making this novice phenomenon popular in the world. Very quickly concept of emotional intelligence becomes the center
attraction of the academicians, researchers and stakeholders. Goleman [3] explained emotional intelligence as “the capacity for recognizing our own feelings and those of others, form motivating, ourselves, and for managing emotions well in ourselves and in our relationships”. But long before of Salovey and Mayer [2] and Goleman [3], in 384-322 BC, Aristotle quoted “anyone can become angry and it is easy but to be angry with right person, to the right purpose and in the right way it is not easy” [4]. By this quotation he was emphasizing the role of emotions and emotional intelligence in human life. Darwin [5] also mentioned the importance of emotional intelligence by saying that “it is not the strongest of the species who survive, or the most intelligent, but those who are most adaptive to change”.

Emotional intelligence is defined as “ability to monitor one’s own and other people’s emotions, to discriminate between different emotional and label them appropriately and to use emotional information to guide thinking and behavior” [6]. Emotional intelligence as “emotional intelligence reflects one’s ability to deal with daily environment challenges and helps to predict one’s success in life, including professional and personal pursuits” [7], [8].

Teachers could be motivated towards their profession by developing emotional skills. It also helps them to counter with job stress. Personality types and traits were significantly related with the dimension of emotional intelligence of EFL teachers [9], [10].

Maslach's first research on burnout was conducted in 1976. Burnout was first described by Maslach and Jackson [11] as a condition characterized by emotional exhaustion, depersonalization, and personal achievement. They explored that burnout is resulted from “labeling exploratory factor-analyzed items collected to reflect the range of experiences associated with the phenomenon of burnout” [12]. She further stated that prevalent theme found in the previous studies on burnout and they defined burnout as “problematic relationship between the person and the work environment, which is often described in terms of imbalance or misfit”.

Maslach's three-factor model was the subject of this study. According to this burnout model, there are three major causes that contribute to burnout, they are: 1) Mental fatigue, which is defined as a sensation of being mentally overworked and exhausted; 2) Depersonalization, which is defined as the formation of pessimistic emotions and behaviors toward one's profession; and 3) Reduced personal accomplishment, which is defined as a diminished sense of satisfaction and achievement, as well as a tendency to adversely assess one's own job performance [11].

Several surveys have shown that emotional intelligence is important in people's lives. It also aids in his successful management of stress and job burden [13], [14]. Several researches on emotional intelligence and burnout in teachers are available. The majority of the research found a connection between teacher burnout and emotional intelligence [14]-[18].

Emotional intelligence and stress have been shown to have a negative association. Emotional intelligence was shown to be helpful in coping with emotional stress. School teachers' emotional maturity is deteriorating as a result of burnout [19]. Several researches looked into the connection between emotional activity and teacher burnout [20]-[22]. These studies found no statistically important connection between emotional intelligence and burnout.

Today, burnout considers as one of the most debatable issues among the researchers and stakeholders. It's also linked to and to blame for the negative consequences of emotional labour. Burnout happens as a result of the pressures that staff, professors, and other professions face. Stress or mental pressure, caused by any reasons or sources, creates burnout [13]. Burnout mostly appeared among the workers in social interaction mode because of increasing demand of social satisfaction in the jobs. If they do not have capabilities to make effective communication, they may fall victim of burnout [23]. Work overload, uncompetitive administration, low salaries, non-cooperation of family and employer, improper arrangements of classroom environment were found significant factors responsible for the burnout among teachers [24].

Emotional intelligence has a direct relationship with burnout, where emotional intelligence is high there is less chances to become prone of burnout. Social worker and professional who have low emotional intelligence were found more prey of burnout. They showed less resilience to stress [25]-[27]. In his research, Mende [28] discovered a connection between emotional intelligence and teacher burnout among 49 secondary school teachers. The three dimensions of burnout i.e., emotional exhaustion, depersonalization, personal accomplishment and emotional intelligence, were shown to have a significant correlation. This connection was also found in terms of gender and ethnicity [29].

In other studies, emotional intelligence and burnout were significantly correlated. On 64 secondary high school teachers, De Vito [22] found a significant relationship between personal accomplishment dimension of burnout and overall emotional intelligence. Positive relationship was there between burnout and both subscales of emotional intelligence i.e., interpersonal and intrapersonal. This study did not find any significant relationship among three dimensions of burnout i.e., emotional exhaustion, depersonalization and personal accomplishment.
On the basis of above scholarly researches, the current research could assist academic personals, academic administrators and other stakeholders to understand how emotions can impact the burnout and stress, which if persist, could result in the mitigation of burnout. This investigation of emotional intelligence as it relates to teacher educators’ burnout may lead to new and better ways to help teacher educators.

2. METHOD AND PROCEDURE

2.1. Research design
In terms of the current investigation's analysis style, it was a descriptive study. Quantitative research is the process of developing and testing statistical models, assumptions, and observations about phenomena.

2.2. Research method
In this investigation, the survey method was used. The descriptive analysis approach was used in this study. If a researcher needs to gather data on phenomena that cannot be directly studied, surveys may be helpful.

2.3. Population
Magadh University (State University) and Central University of South Bihar (Central University) are the two universities in Gaya district, India. Magadh University is an affiliating university, whereas the Central University of South Bihar is not. Gaya district had many Magadh University-affiliated teacher training institutes. The study's population included all teacher educators in the Gaya district, India.

2.4. Sample
From the above-mentioned population, two hundred teacher educators were chosen as the study’s sample, with fair representation of all group as stated in the objectives. The survey included 130 men and 70 women, 116 city dwellers and 84 rural dwellers. There were 156 participants with fewer than 5 years of experience and 44 with more than 5 years.

2.5. Instruments used
The following instruments were used in this study: 1) Weisinger's emotional intelligence test. The respondents' emotional intelligence was assessed using Weisinger's instrument, "Developing Emotional Intelligence." It's a well-respected and commonly used research tool; 2) Maslach burnout inventory (MBI). The MBI is available in three versions: the original MBI-HSS (Human Services Survey), the MBI-GS (General Survey), and the MBI-ES (Educators Survey). Emotional exhaustion has a reliability coefficient of 0.89 (frequency) and 0.86 (intensity), depersonalization has a reliability coefficient of 0.71 (frequency) 0.72 (intensity), and professional accomplishment has a reliability coefficient of 0.81 (frequency) 0.81 (intensity).

2.6. Statistical procedure used
Following the scoring, a statistical approach was used. The significance of the difference between the mean scores of emotional intelligence and burnout scores of teacher educators was determined using analysis of variance. On the scores obtained for the analysis, the investigator used the following mentioned statistical approaches or methods: Mean, S.D, Critical Ratio, ANOVA.

3. RESULTS

3.1. Analysis of distribution of emotional intelligence teacher educators of Gaya district
There were three criteria for the assessing the level of emotional intelligence which are mentioned Table 1. According to Table 1, the mean value and standard deviation of overall emotional intelligence ratings of Gaya district teacher educators are 35.69 and 9.69, respectively. Teacher educators with mean scores of 45 and above are classified as having high emotional intelligence, those with mean scores of 26 and lower are classified as having low emotional intelligence, and those with mean scores of 27 to 46 are classified as having moderate emotional intelligence. As a result, 11.5% (n=23) teacher educators considered as extreme emotionally intelligent, 73.5% (n=147) observed as moderate emotionally intelligent, and rest 15% (n=30) were observed as poor on emotional intelligent. It shows that the majority of teacher educators have a modest level of emotional intelligence, with low and strong emotional intelligence following closely behind.
3.2. Analysis of distribution of levels of burnout among teacher educators

Table 2 shows the different level of burnout of the teacher educators. According to Table 2, the Burnout scores of Gaya district teacher educators are M=61.93 and SD=16.99. Teacher educators with mean scores of 79 and above are classified as high burnout, those with mean scores of 45 and lower are classified as medium burnout, and those with scores of 46 to 78 are classified as moderate burnout. As a result, 35 (17.5%), 148 (74%), and 17 (8.5%) teachers’ educators were found to be suffering from extreme, mild, and low burnout, respectively. It shows that the majority of teacher educators suffer from mild burnout, followed by extreme and low burnout.

Table 2. Distribution of levels of burnout among teacher educators of Gaya district

| Levels of burnout | Mean | SD  | High Criteria | No | Moderate Criteria | No | Low Criteria | No | %  |
|-------------------|------|-----|----------------|----|--------------------|----|---------------|----|-----|
|                   | 61.93| 16.99| >79            | 35 | 17.5               | 73-78 | 126            | 63 | <72 | 39 | 19.5 |

3.3. Research question 1: To study the levels of emotional intelligence among teacher educators of Gaya district on the basis of their characteristics (sex, residential location and experience in teaching)

Detailed comparison of emotional intelligence of different sub groups are mentioned in Table 3. The obtained p=.624, which is higher (p>.05) than the .05 degree of importance, is seen in Table 3. It means that at the .05 level of significance, there is no significant difference in the Emotional intelligence mean scores of male (M=116.42, SD=46.94) and female (M=113.51, SD=35.60) Gaya district teacher educators, t(198)=.491, p =.624. As a result, sex has no impact on the emotional intelligence of Gaya district teacher educators.

Table 3. Comparison of emotional intelligence mean scores of teacher educators

| Gender             | N      | Mean  | SD   | t-value | p-value |
|--------------------|--------|-------|------|---------|---------|
| Male               | 130    | 116.42| 46.94| 0.491   | 0.624   |
| Female             | 70     | 113.51| 35.60| -1.164  | 0.256   |
| Rural              | 84     | 111.23| 46.28| -1.718  | 0.087   |
| Less experienced   | 156    | 112.63| 43.07| -1.718  | 0.087   |
| More experienced   | 44     | 125.25| 42.88|         |         |

The obtained p=.256 is higher (p>.05) than the .05 degree of significance as seen in Table 3. It means that at the .05 level of significance, there is no significant difference in the Emotional Intelligence mean scores of rural (M=111.23, SD=46.28) and urban (M=118.43, SD=40.84) Gaya district teacher educators, t(198)= -1.164=-.256. As a result, the location has no effect on the emotional intelligence of teacher educators in the Gaya district.

The obtained p=.087, which is higher (p>.05) than the .05 degree of importance, is seen in Table 3. It means that at the .05 level of significance, t(198)= -1.718=-.087, there is no significant difference in the Emotional intelligence mean scores of inexperienced (M=112.6, SD=43.07) and experienced (M=125.25, SD=42.88) teacher educators of Gaya district. As a result, teaching experience has no impact on the emotional intelligence of Gaya district teacher educators. Inter and Intra correlation of emotional intelligence of participants is mentioned in Table 4. Table 4 indicates the dimension wise correlation between the Intra and Inter i.e., dimension of Emotional Intelligence. The relationship between Inter and Intra are positively correlated (r=.854) and significant at p<.01. The r=.854 indicates magnitude of the correlation is high.
Table 4. Correlation within the dimension of emotional intelligence

| Emotional intelligence | Inter | Intra |
|------------------------|-------|-------|
| Pearson Correlation    | .854* |       |
| Sig. (2-tailed)        | .000  |       |
| N                      | 200   | 200   |

Table 5. Comparison of burnout mean scores of teacher educators

| Gender           | N  | Mean | SD  | t-value | p-value |
|------------------|----|------|-----|---------|---------|
| Male             | 130| 62.08| 17.14| 0.175   | 0.861   |
| Female           | 70 | 61.64| 16.84|         |         |
| Rural            | 84 | 64.78| 16.82| 2.038   | 0.043   |
| Urban            | 116| 59.86| 16.90|         |         |
| Less experienced | 156| 61.94| 18.72| 0.028   | 0.977   |
| More experienced | 44 | 61.89| 8.55 |         |         |

Table 6. Correlation within the dimension of burnout

| Burnout               | Depersonalization | Personal achievement |
|-----------------------|-------------------|----------------------|
| Pearson correlation   | .363*              |                      |
| Sig. (2-tailed)       |                   |                      |
| N                     | 200                | 200                  |
| Pearson correlation   | .035               |                      |
| Sig. (2-tailed)       | .074               |                      |
| N                     | 200                | 200                  |

3.4. Research question 2: To study the levels of burnout among Gaya district teacher educators based on their characteristics, such as sex, residential location and experience in teaching

Comparison between the burnout of different groups is shown in Table 5. Table 5 shows that p value was 0.861, which is higher (p>0.05) than the 0.05 degree of significance. It means that there is no significant difference in the Burnout mean scores of male (M=62.08, SD=17.14) and female (M=61.64, SD=16.84) teacher educators in the Gaya district at the .05 level of significance, t (198)=0.175, p=0.861. As a result, sex has no effect on teacher burnout in the Gaya district.

Table 5 indicates that p=0.043 was obtained, which is less than the significance threshold of 0.05. (p=0.05). It means that there is a significant difference in the Burnout mean scores of rural (M=64.78, SD=16.82) and urban (M=59.86, SD=16.90) teacher educators in the Gaya district at the .05 level of significance (t (198)=2.038, p=0.043). The mean score favor Gaya's teacher educators in rural areas. Thus, rural teacher educators in the Gaya region were found to be more burned out than urban teacher educators.

Table 5 shows that the obtained p=0.977, which is greater than the.05 level of significance (p>0.05). It means that at the 0.05 level of significance, there is no significant difference in the Burnout mean scores of less experienced (M=61.94, SD=18.72) and more experienced (M=61.89, SD=8.55) Gaya district’s teacher educators, t (198)=0.028, p=0.977. Thus, teaching experience has no impact on the burnout of Gaya district teacher educators. Dimension wise burnout correlation is showing in Table 6.

Table 6 indicates the dimension wise correlation between the dimensions of Burnout. The relationship between Depersonalization and Burnout are positively correlated (r=.363) and significant at p<.01. The r=.363 indicates magnitude of the correlation is moderate. The relationship between Personal Accomplishment and burnout are positively correlated (r=.127) and significant at p<.01. The r=.127 indicates magnitude of the correlation is small.
3.5. Research question 3: To study the relationship between emotional intelligence and burnout of teacher educators of Gaya district

This study discovered a negative relationship between emotional intelligence and teacher educator’s burnout as seen in Table 7. According to Table 7, the association between emotional intelligence and burnout among Gaya district teacher educators is $r=0.221$ and $p=.002$. At the .05 level of significance, there is a strong negative association between Emotional Intelligence and Burnout of Gaya District teacher educators, $r=221, N=200, p=.002$. The $r$ value of -0.221 suggests a negative relationship between Emotional Intelligence and Burnout among Gaya district teacher educators. Substantial correlation may be observed in following scatter plot as shown in Figure 1.

![Figure 1. Scatter plot showing a strong positive relationship between emotional intelligence and burnout](image)

Table 7. Correlation between emotional intelligence and burnout of teacher educators

| Variable | Pearson correlation | Sig. (2-tailed) | N | Emotional intelligence | Burnout  |
|----------|---------------------|-----------------|---|------------------------|----------|
| Emotional intelligence | 1 | -0.221* | 200 | -0.002 | 200 |
| Burnout | -0.221* | 1 | 200 | -0.002 | 200 |

*. Correlation is significant at the 0.05 level (2-tailed)

3.6. Research question 4: To study whether emotional intelligence contributes burnout among teacher educators of Gaya district

The Correlation Coefficient ($r$) is -0.221 as shown in Table 8, indicating that this correlation is negative. Emotional intelligence explains 4.9% of the difference in burnout, according to $R^2=0.049$. As a result, there is a negative relationship between emotional intelligence and burnout among Gaya district teacher educators. Table 9 depicts the relationship between teacher educators' emotional maturity and burnout.

![Table 8. Model summary showing the correlation coefficient for emotional intelligence and burnout of teacher educators of Gaya district](image)

| Model | Sum of squares | df | Mean square | F | Sig.  |
|-------|----------------|----|-------------|---|-------|
| Regression | 2803.557 | 1 | 2803.557 | 10.150 | 0.002* |
| Residual | 54687.463 | 198 | 276.199 | | |
| Total | 57491.020 | 199 | | | |

*a. Predictors: (Constant), Emotional intelligence; b. Dependent variable: Burnout

Table 9. ANOVA summary showing significance of regression for teacher educators

![Table 9. ANOVA summary showing significance of regression for teacher educators](image)

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The obtained p value is ($p = 0.05$) less than the 0.05 degree of importance as seen in the ANOVA shown in Table 9. As a result, at the 0.05 stage of importance, the regression model is statistically important, $F(1, 198) = 10.150, p = 0.000$. This suggests that emotional intelligence accounts for a significant proportion of the difference in Burnout mean ratings. Table 10 lists the regression equations and regression analysis.

### Table 10. Coefficient of regression equation resulting from linear regression analysis for teacher educators

| Model                      | Un-standardized coefficients | Standardized coefficients | $t$ | $Sig.$ | 95% CI for B  |
|-----------------------------|-----------------------------|---------------------------|-----|--------|----------------|
| (Constant)                  | 51.913                      | 15.466                    | 0.000 | 45.293 | 58.532         |
| Emotional intelligence      | 0.087                       | -0.221                    | 3.186 | 0.002  | 0.033          | 0.141          |

*Dependent variable: Total burnout*

Both the intercept (constant) and slope (Emotional intelligence) are important at in the above linear regression coefficient table. 05 level of significance, $t = 3.186, p = 0.002$, $= -0.221$, with a slope estimation of 0.087 and an intercept estimate of 51.913. That is, emotional intelligence firmly supports a reduction in Burnout mean scores, and emotional intelligence predicts Burnout ($Y$) among Gaya district teacher educators. Thus, regression equation for predicting Burnout from Emotional intelligence will be:

$$ \text{Burnout}(Y) = 51.913 + 0.087 \times \text{Emotional intelligence} $$

The findings show that the slope of the real regression line is somewhere between 0.033 and 0.141, with a 95% confidence interval. In histogram, P-P map, and scatter plot, residual check of linear regression analysis is shown in Figure 2.

![Figure 2. Normal P-P plot with regression standardized residuals from emotional intelligence and burnout variables from linear regression analysis](image)

4. **DISCUSSION**

This study was conducted with a sample of 200 teacher educator of Gaya district of Bihar state, India. In overall sample 11.50% teacher educator were found high emotionally intelligent. 73.50% and 15.00% were found moderate and low on emotional intelligence respectively. In same way 17.50%, 74.00% and 8.50% were found high, moderate and low on the level of burnout.

A major variation in emotional intelligence was discovered between male and female teachers in this research. In comparison, male teachers were more emotionally intelligent. The findings of this study are consistent with those of other scholars [30]-[32]. This study found no significance difference in the scores of emotional intelligence of urban and rural teacher educators. This finding is also supported by earlier researches [33], [34]. There is a significant variation in emotional maturity based on the teaching experience’s aspect. It is also been discovered that the level of emotional intelligence rises in parallel with the number of years of experience. This study’s findings are consistent with those of another research [35], [36].

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Male and female teacher educators were not significantly differ on burnout scores. Higher mean value of male teacher educators indicates that they were feeling more burnout. Results of the studies of Copper and Davidson [37] also support the finding of this study [38]-[40]. The burnout of teacher educators differs significantly depending on whether they live in an urban or rural environment. In contrast to their urban counterparts, rural teacher educators had higher mean scores, indicating that they were more burnt out. There was no significant difference in burnout scores for teacher educators with less and more experience. Capel [41] also revealed same relationship, but study of Friedman [42] was contradictory to this finding.

In this study emotional intelligence and burnout found negatively correlated. This relationship was significant at 0.05 level of significance. It is realized that the burnout levels decrease as the emotional intelligence levels of teacher educators increases. Finding of this research is consonant with the findings of the earlier research [43]-[45]. It was also statistically revealed that emotional intelligence is significantly contributed in burnout of teacher educators. Results of this study were also supported by the study of Benson, Truskette and Findlay [46], [47].

Emotional intelligence, motivation, and mood swings have also been shown to predict burnout. Both aspects of emotional intelligence were linked to burnout causes. Burnout could be mitigated by the regular intervention and counseling programs of work professionals [20], [48]. Result of this study was also in line with the study of Akomolafe and Papoola [49] who found emotional intelligence when taken as a whole significantly predicts burnout. They carried out their study of 300 teachers of secondary schools.

In another research it was stated that emotionally intelligent teachers are fewer victims to the stress and might easily cope up with the awkward or hostile situations. Teachers who know how to tackle with emotions may easily create an adaptive environment and gets success [8].

5. CONCLUSION

This study explored the importance of emotional intelligence for teacher educators on controlling and mitigation the effect of burnout in their professional life. Being a teacher is not an easy task because the teacher who is responsible for making and shaping the future of his or her students. The role of teacher is continuously going to be crucial. On one hand he or she has to perform his or her duty up to the mark and expectation of the employer and on other hand has to maintain balance in his or her both lives i.e., professional and personal. This fast changing and high demanding era need more monitoring and mentoring of the teacher’s emotional health.

Both public and private authorities are highly recommended to diagnose the problems of teacher and their mitigation. More counselling and mentoring session should be organized for the teachers. Obviously if teachers are free of burnout and other psychological pressure, they can effectively convert their students in human capital which is the most precious asset for a country.

REFERENCES

[1] I. Przybylska, “Emotional aspects of school education, curricula and relationship context,” US-China Educational Review B, Vol. 4, no. 7, pp. 431-442, 2014.
[2] P. Salovey and J.D. Mayer, “Emotional Intelligence,” Imagination, Cognition and Personality, Vol. 9, no. 3, pp. 185-211, 1990, doi: 10.2190/DUGG-P24E-52WK-6CDG.
[3] D. Goleman, Working with Emotional Intelligence. New York: Bantam Books, 1998
[4] Aristotle and H. Rackham, Aristotle in 23 volumes. Vol 19, The Nicomachean ethics. Cambridge, MA, Harvard University Press, 1934.
[5] C. Darwin, “On the origin of species by means of natural selection, or the preservation of favoured races in the struggle for life,” in J. van Wyhe, ed., Origin of species, London: Murray: The Complete Work of Charles Darwin Online, 1859. [Online]. Available: http://darwin-online.org.uk.
[6] A. M. Colman, The dictionary of psychology. Cambridge: Cambridge University Press, 2001
[7] R. Bar-On, “How important is to educate the people to be emotionally and socially intelligent and can it be done?” Perspectives in Education, Vol. 21, no. 4, pp. 3-13, 2003.
[8] L. S. Greenberg, Emotion-focused therapy. Washington, DC: American Psychological Association, 2002.
[9] P.A. Jennings and M.T. Greenberg, “The pro-social classroom: Teacher social and emotional competence in relation to student and classroom outcomes,” Review of Educational Research, Vol. 79, pp. 491-525, 2008.
[10] R. Pishghadam and S. Sahebjam, “Personality and emotional intelligence in teacher burnout,” The Spanish Journal of Psychology, Vol. 15, pp. 27-236, 2012.
[11] C. Maslach and S.E. Jackson, “The measurement of experienced burnout,” Journal of Organizational Behavior, Vol. 2, pp. 99-113, 1981.
[12] C. Maslach, “Progress in understanding teacher burnout,” in R. Vandenbergha, A. Huberman, Eds., Understanding and preventing teacher burnout: A sourcebook of international research and practice. Cambridge, UK, 1999, pp. 211-222.

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[13] C. Brotheridge and A.A. Grandey, “Emotional Labor and Burnout: Comparing Two Perspectives of "People Work"," Journal of Vocational Behavior, vol. 60, pp. 17–39, 2002. [Online]. Available: http://www.idealibrary.com.

[14] M. Wrobel, “Emotional labour and teachers’ burnout: emotional intelligence moderation,” Psychologia Społeczna, Vol. 81, no. 24, pp. 53-66, 2013.

[15] J. Fengler, Pomaganie męczy. (Helping exhaust). Gdańska, GWP, 2000.

[16] S. Koczóń-Zurek, “Factors protecting teachers from burnout,” in St. Popek, A. Winiarz, ed., Profession-Vocation-Passion, Lublin, UMCS, 2009, pp. 310–320.

[17] H. Sęk, Burn out. Etiology, mechanisms, prophylaxis. Warszawa, Wydawnictwo Naukowe PWN, 2000

[18] I. Przybyńska, “Emotional Intelligence and burnout in teaching profession,” The New Educational Review, vol. 43, No. 1, pp. 41-51, 2016, doi: 10.15804/tner.2016.43.1.03.

[19] A. M. Jude and A. Adekunle, “Emotional Intelligence and Locus of Control as Predictors of Burnout among Secondary School Teachers,” European Journal of Social Sciences, Vol. 20, no. 3, pp. 106-112, 2011.

[20] E.K. Kondylis, S. Pandelis, M.E. Sfakianakis, and D. Prokopiou, Burnout and emotional intelligence in Greek employees, Transactions of the Wesex Institute, 2010.

[21] D. Chan, “Emotional intelligence and components of burnout among Chinese secondary school teachers in Hong Kong,” Teaching and Teacher Education, Vol. 22, no. 8, pp. 1042 1054, 2006.

[22] N. De Vito, “The relationship between teacher burnout and emotional intelligence: A pilot study,” Fairleigh Dickinson University, 2009.

[23] S.E. Jackson, R.L. Schwab, and R.S. Schuler. “Toward and Understanding of the Burnout Phenomenon,” Journal of Applied Psychology, Vol. 71, pp. 630-640, 1986.

[24] H. Sari, “An analysis of burnout and job satisfaction among Turkish special school headmasters and teachers, and the factors affecting their burnout and job satisfaction,” Educational Studies, Vol. 30, no. 3, pp. 291-306, 2004.

[25] E. Dette, “The relationship between emotional intelligence and burnout of police constable officers of the SAPS in the Western Cape,” Unpublished Master’s Thesis, University of the Western Cape, Bellville, South Africa, 2008.

[26] R. Akbari and K. Tavassoli, “Teacher efficacy, burnout, teaching style, and emotional intelligence: Possible relationships and differences,” Iranian Journal of Applied Linguistics, Vol. 14, no. 2, pp. 31-61, 2011.

[27] T. Morrison, “Emotional intelligence, emotion and social work: Context, characteristics, complications and contribution,” British Journal of Social Work, Vol. 37, pp. 245-263, 2007.

[28] E. J. Mende, “The relationship between emotional intelligence and occupational burnout in secondary school teachers,” Dissertation, University of Walden, 2003.

[29] S. J. Palser, “The relationship between occupational burnout and emotional intelligence among clergy or public ministry workers,” Dissertations, Regent University, 2005. [Online]. Available: https://www.proquest.com/openview/doi5d54938e62ee20e42cd4be55894cb7c1?pq-origsite=gscholar&cbl=18750&disss=y.

[30] D. Arli, E. Altunay, and M. Yalcınkaya, “The relationship of emotional intelligence, problem solving and academic success of pre-service teachers,” Academic Approach Journal, Social Sciences E-Journal with International Arbitration, Vol. 25, pp. 1-23, 2011.

[31] A. G. Börecki, “Instance on implementation of emotional intelligence in working places,” Unpublished Master’s Thesis, Istanbul University, Istanbul, 2002.

[32] J. Carrochi, A. Y. C. Chan, and J. Baigir, “Measuring emotional intelligence in adolescents,” Personality and Individual Differences, Vol. 31, pp. 1105–1119, 2001.

[33] S. Singaravelu, “A study of emotional intelligence of student teachers (Pre-service) at primary level in Pondicherry Region,” Unpublished Master Dissertation, Pondicherry University, India, 2012.

[34] S. Edannur, “Emotional intelligence level of teacher educators,” International Journal of Education Science, vol. 2, no. 2, pp. 115-121, 2010.

[35] I. Adilogullari, H. Ulucan, and E. Senel, “Analysis of the relationship between the emotional intelligence and professional burnout levels of teachers,” Educational Research and Reviews, Vol. 9, no. 1, pp. 1-8, 2014, doi: 10.5897/ERR2013.1670.

[36] AB. Dolunay and B. Piyal, “Various professional skills of teachers and burnout,” Crisis J., Vol. 11, pp. 35-48, 2003.

[37] M. G. Aamodt, Applied Industrial/Organizational Psychology, 5th ed. USA: Brooks/Cole Publishing Company, 2007.

[38] F. Takeda, N. Ibaraki, E. Yokoyama, E. Miyake, and T. Ohida, “The relationship of job type to burnout in social workers at social welfare offices,” Journal of Occupational Health, Vol. 47, pp. 119-125, 2005.

[39] M. Clayford, “A comparative study of burnout amongst educators in a youth juvenile rehabilitation centre, an ex-model C school and public schools,” Unpublished Master’s Thesis, University of the Western Cape, South Africa, 2010.

[40] M. Y. Kim, J. Y. Lee, and J. Kim, “Relationship among burnout, social support, and negative mood regulation experience of elementary school teachers in Korea,” Asian Pacific Education Review, vol. 10, no. 4, pp. 475-482, 2009, doi: 10.1007/s12564-009-9045-9.

[41] S. A. Capel, “The incidence of and influence on stress and burnout in secondary school teachers,” British Journal of Educational Psychology, Vol. 57, pp. 279-288, 1987.

[42] I. A. Friedman, “High- and low-burnout schools: School culture aspects of teacher burnout,” Journal of Educational Research, Vol. 84, no. 6, pp. 325-333, 1991.
[43] A.C. Güllüce, “Relations between Professional Burnout and Emotional Intelligence: Implementation for Managers,” Unpublished Master’s Thesis, Atatürk University Social Sciences Institute, Erzurum, 2006.
[44] S. Aslan and M. Özata, “Analysis of relations between emotional intelligence and burnout: instance of medical employees,” Faculty of Economics and Administrative Sciences of Erciyes University, 2008.
[45] A. Saiiari, M. Moslehi, and R. Valizadeh, “Relationship between emotional intelligence and burnout syndrome in sport teachers of secondary schools,” Pro Social and Behavioral Sciences, Vol. 15, pp. 1786–1791, 2011.
[46] S. Benson, P. G. Truskett, and B. Findlay, “SE12 the relationship between burnout and emotional intelligence in Australian surgeons and surgical trainees,” ANZ Journal, Vol. 77, no. 1, pp. 77-81, 2007.
[47] D. Zapf, C. Seifert, B. Schmutte, H. Mertini, and M. Holz, “Emotion work and job stressors and their effects on burnout,” Psychology and Health, Vol. 16, pp. 527-545, 2001.
[48] M. Platsidou and I. Agaliotis, “Burnout, Job Satisfaction and Instructional Assignment-related sources of stress in Greek Special Education Teachers,” International Journal of Disability, Development and Education, vol. 55, no. 1, pp. 61-76, 2009, doi: 10.1080/10349120701654613.
[49] M. J. Akomolafe and O. G. Popoola, “Emotional intelligence and locus of control as predictor of burnout among secondary school teachers in Ondo State, Nigeria,” European Journal of Social Sciences, Vol. 20, no. 3, pp. 369-378, 2011.