

## **A Comparative Study of Emotional Intelligence Among Technician Worker And Non- Technician Worker.**

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### **Abstract**

Present research Aims to study emotional intelligence among technician worker and non- technician worker in Aurangabad City. The sample of the study was selected by Proportionate Stratified Random Sampling method which included 30 Technician worker and 30 Non Technician worker of Aurangabad city. Tool used for the research was Emotional Intelligence Inventory was developed by Dr. S. K. Mangal & Mrs. Shubhra Mangal). Mean, SD, and t-test statistical analysis were used to analyze the data. The research findings reveal that the level of emotional intelligence among technician worker is average (Mean- 58.200,SD-7.98015) and of non- technician students is low(Mean-61.8667, SD-4.08305) . It was also found that there is a no significant difference between the technician worker of non- technician.

**Key Words:** emotional intelligence, technician worker, non- technician worker

### **INTRODUCTION**

Emotional intelligence is concerned with the awareness, appraisal and utilization of emotions for individuals and for teams. Emotional intelligence can be altered through training that focuses on the role of emotions in our behavior. Emotions such as anxiety can be positive and negative. It is the combination of emotion, and the thoughts that are linked either these combinations that determines whether these emotions are motivational or de motivational. In a recent study we looked at emotional states associated with success and failure in sport competition and academic examinations The expansion of sport science as an academic study academic study means that growing numbers of students experience the dual stresses of taking examinations and participating the results of this study are depicted which shows that a. Emotions are strongly associated with success b. Emotional profiles linked with success are somewhat different between sports and an examination.

#### **Emotional intelligence**

The concept of emotional intelligence is relatively new and there is still confusion about its exact definition. Like the definition of the traditional intelligence (IQ) it has got several definitions. (e.g., bar-On, 1997, Goleman, 1995, 1998, Mayer and Salovey, 1997 Salovey and Mayer, 1990) **Salovey** and **Mayer** who first gave this formal concept of emotional intelligence in 1990 in their model of emotional intelligence but the foundation for this model was already laid down by Gardner's (1983) concept of interpersonal intelligence and interpersonal intelligence as well as **Sternber**" (1988) triarchic theory of intelligence.

#### **Emotional intelligence as conceptualized by**

**Salovey** and **Mayer** (1990) consisted of the reed different categories of adaptive abilities. Firstly, it is appraisal and expression in the self as well as others. In the self there are verbal and non-verbal components. In the others there are non-verbal perception and empathy. Secondly, there is a regulation of emotion in the self and others. Thirdly, it is utilization of emotion that includes flexible planning, creative thinking, redirected attention and motivation.

#### **1. What is a technical worker?**

Technical Employee means an employee having special or specific engineering, geological, geophysical, permitting and drafting or ether professional skills, but excluding administrative employees, and whose primary function is the handling of specific operating conditions and problems for the benefit of the JV.

## 2. What are examples of technical skills?

**Some specific examples of technical skills might include:** Programming languages, Common operating systems, Software proficiency, Technical writing, Project management, Data analysis.

### NON-TECHNICAL SKILLS

Non-technical skills refer to general skills (Zubaidah et, al, 2006), generic skills or life skills (Munce, 1981) that are outside the formal education syllabus. These skills are not specific to any particular job position or workplace environment (Zubaidah et, al, 2006) but can be used widely in all jobs and tasks assigned (Kruger, 2006). These skills cannot be obtained in a short time, but can be controlled with extensive use and experience (Mohd.Sahandri and Saifuddin Kumar, 2009).

Emotional Intelligence worker and technician is a direct response to these challenges. The model of emotional intelligence underpinning the provides a unified framework for examining the key psychological factors associated with the skills of elite athletes, and the itself provides a valid and reliable psychometric tool for measuring them. As such, the represents an exciting advance in our understanding of the building blocks that are scientifically linked to elite technician worker.

### OBJECTIVES

1. To study the level of emotional intelligence among technician worker.
2. To study the level of emotional intelligence among non technician worker.
3. To compare the level of emotional intelligence among technician worker and non technician

(worker).

### HYPOTHESIS

1. The emotional intelligence level among technician worker will be high
2. The emotional intelligence level among of non technician worker will be average.
3. There will be significant difference between emotional intelligence level among technician worker and non technician worker.

### POPULATION

A population refers to any collection of specified group of human being or non-human entities such as objects. educational. Institutions, time, units, geographical areas, “Bharti Airtel company of Aurangabad”. The population of the present research in all Technician Worker and Non Technician Worker.

### RESEARCH SAMPLE AND TOOLS

The sample of the study was selected by Proportionate Stratified Random Sampling method which included 30 Technician worker and 30 Non Technician worker of Aurangabad city. Tool used for the research was Emotional Intelligence Inventory was developed by Dr. S. K. Mangal & Mrs. Shubhra Mangal). Mean, SD, and t-test statistical analysis were used to analyze the data Obtained scores were further used for statistical analysis. Data analysis was done through SPSS.

### STATISTICAL ANALYSIS, RESULTS AND DISCUSSION.

**Hypothesis 1:** The emotional intelligence level among Technician Worker will be high.

**Table no 4.1:** Table showing mean, S.D and emotional intelligence level among Technician Worker

Technician worker	N	Mean	S.D	Interpretation
	30	58.200	7.98015	Average

**Interpretation:** Table no 4.1 reveals that the mean score and S.D for emotional intelligence among Technician Worker is M= 58.200 & S.D = 7.98015. The obtained mean value indicates average level of emotional intelligence among Technician Worker. **Hence on the basis of result hypothesis is rejected.**

**Hypothesis 2:** The emotional intelligence level among Non Technician Worker will be average.

**Table no 4.1:** Table showing mean, S.D and emotional intelligence level among Non Technician Worker.

Non Technician worker	N	Mean	S.D	Interpretation
	30	61.8667	4.08305	Good

**Interpretation:** Table no 4.2 reveals that the mean score and S.D emotional intelligence among Non Technician Worker is M= 61.8667 & S.D = 4.08305. The obtained mean value indicates average level of emotional intelligence among Non Technician Worker. **Hence on the basis of result hypothesis is rejected.**

**Hypothesis 3:** There will be significant difference between emotional intelligence level among Technician

Worker and Non Technician Worker.

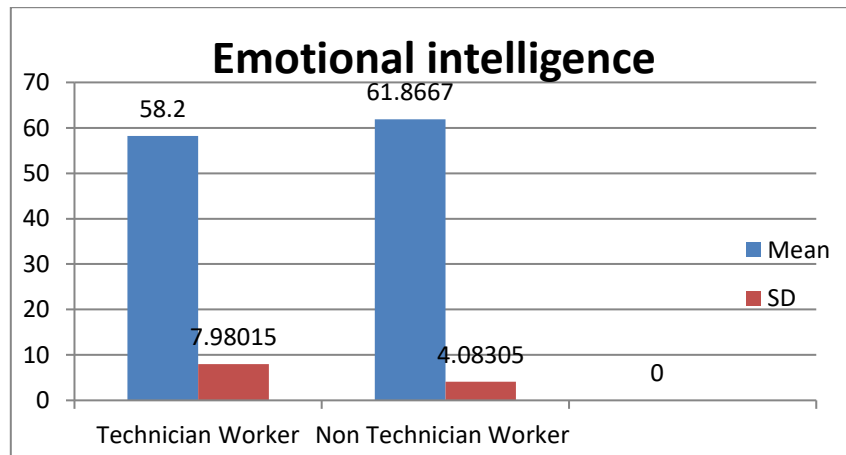
**Table No: 4.3.:** Table showing significant difference between Emotional intelligence level among Technician Worker and Non Technician Worker.

	N	Mean	S.D	df	t-value	Significant difference
Technician worker	30	58.2000	7.98015	58	2.240	0.29
Non Technician worker	30	61.8667	4.08305			

**Interpretation:**

Table no 4.3 reveals that the mean score and S.D for emotional intelligence among Technician Worker is M= 58.2000 & S.D = 7.98015. Whereas that the mean score and S.D for emotional intelligence among Non Technician Worker is M= 61.8667 & S.D = 4.08305 respectively. The obtained t value 2.240 is greater than table value 1.98 at 0.05 level of insignificance; therefore there is no significance difference between Emotional intelligence level among Technician Worker and Non Technician Worker. **Hence on the basis of result hypothesis is rejected.** This shows that the level of emotional intelligence among Non Technician Worker is better as compared to Technician Worker.

**Graph:** showing in insignificant difference between Emotional intelligence level among Technician Worker and non Technician Worker.



**RESULTS OF THE STUDY**

1. The mean score and S.D for emotional intelligence among Technician Worker is M= 58.200 & S.D = 7.98015. The obtained mean value indicates average level of emotional intelligence among Technician Worker.
2. The mean score and S.D for emotional intelligence among Non Technician Worker is M= 61.8667 & S.D = 4.08305. The obtained mean value indicates average level of emotional intelligence among Non Technician Worker.
3. The mean score and S.D for emotional intelligence among Technician Worker is M= 58.200 & S.D = 7.98015. Whereas that the score and S.D for emotional intelligence among mean Non Technician Worker is M= 61.8667 & S.D = 4.08305 respectively. The obtained t value 2.240 is greater than table value 1.98 at 0.05 level of insignificance therefore there

**CONCLUSION**

1. The emotional intelligence level among Technician Worker is average
2. The emotional intelligence level among Non Technician Worker is good.
3. There is insignificant difference between emotional intelligence level among Technician Worker and Non Technician Worker.