

**Keywords:** Innovative capacity; Individual capacity; Potential innovative employee; Top Innovator; Innovator DNA; Top Talent

## Introduction

The word “innovation” is widely used in the field recently; however, innovation is a complex phenomenon that involves the creation and implementation of new ideas, products, or services. This process is often driven by a combination of factors, including individual capabilities, organizational culture, and external market conditions. Understanding the factors that influence innovation is crucial for organizations seeking to maintain a competitive edge in a rapidly changing market.



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managers are always targeted since they usually are mainly involved in the innovation process from the start and they also involved in various business activities from R&D, marketing, to customer support. Moreover, large-scale firms are mostly in matured stage, they are facing change that cannot be addressed with traditional method.

The study started collecting the survey from Mid-August 2011 after standardized variables with innovators and verifying the questionnaire.

## Results and Discussion

Data analysis involves constructing a frequency distribution, recording of the number of scores that fall within each response level of Likert scale done in SPSS. Correlation analysis was also applied to determine the relationships between the observed variables. Factor analysis was used to describe variability among the observed determinants to identify the potentially lower number of the unobserved determinants.

### Descriptive and EFA analysis evidence

From 452 surveyed received, the study undertook frequency analysis to see the mean value from the survey as well as standard error of the mean as shown in table 4.

Table 4 demonstrate means, standard deviations and pair-wise correlations. The mean value from frequency test shows that from 452 returned surveys, the variables highly affected to innovative capacity are the Positive thinking (4.31) and with standard deviation of 0.805 and Creativity (4.29) with standard deviation of 0.846, follows by Adaptable, Excite seeking, Achievement striving, Lateral thinking, the intellectual behaviour (Buddhi carita), Good mental Health, Self Discipline and Motivating emotion respectively.

For correlation analysis, some variables had high positive relationships (Pearson Correlation > 0.5) as showing in table 5.

The coefficient of multiplication between factors are for example Positive thinking and Adaptable with the value 0.617, Excite Seeking and Adaptable with the value 0.560, Lateral thinking and Excite Seeking with the value 0.604, Good physical health and Good mental

\*Observed Independent variable      Dependent variable      Relation

Factors

Hypothesis	Observed Independent variable	Dependent variable	Relation
1			
2			
3			
4			
5			
6			
7			

Regulation of Emotion in the Self (4.00), Regulation of Emotion in others (3.96), Positive emotion (3.83) and Leadership (3.82).

- Factor 2 should consist of Positive thinking (4.31), Creativity (4.29), Adaptable, Excite Seeking (4.26), Lateral thinking (4.23) and Buddhi Carita (4.13).
- Factor 3 should consist of Achievement striving (4.26), self discipline (4.06) and Deliberation (4.02).
- Factor 4 should consist of Experience (3.87), Knowledge (3.70), Entrepreneurship (3.63) and Fantasy (3.63).

Based on these findings, this study found that variables in group 2 are of highest value from accumulation of mean counted and some variable such as creativity is clearly perceived as one of the very important characteristics of innovator at the beginning of the innovation process (Figure 2).

The variables in Factor 1 are mostly from of EI's variables and a big characteristic that is Leaderships. Factor 2's variables are mixing from FFM; Openness to experience (Positive thinking, Lateral thinking, Adaptable) Extraversion; Excite Seeking and a big characteristic that are the Intellectual Behaviour: (Buddhi Carita) and creative. Factor 3's variables are FFM- Conscientiousness. Factor 4 is mixing from big character of Entrepreneurship, Openness to experience (Fantasy), Knowledge and experience.

For the development of effective behaviours, it is necessary to understand the innovation process. Consequently, we can set appropriated characteristics required for each stage, for example, idea generation stage requires high creativity. Conversion stage requires leadership whilst at the diffusion stage it requires entrepreneurship.

We can interpret from this empirical data that factor 1's variables

lead-6(i)-3(a)8695g (319(t)-612(p)in)19(t)6g (-t0 >8695m1(p)12(ry >8695[(a)

>10 years      Vocational      Government  
 ) H P D O H      Bachelor      V H F W R U  
 Entrepreneur

health with the value 0.752 and Leadership and Regulation of Emotion in the Self with the value 0.543 as shown in Table 5.

Table 2: Demography of empirical data (N =434)

It shown that the observed variables have highly correlated with each other. As the result, factor analysis need to be done to categorize factors for later analysis. The data set were also confirmed by KMO and Bartlett's Test that Kaiser-Meyer-Olkin Measure of Sampling Adequacy is 0.912 that means factor analysis is required to be done in this research.

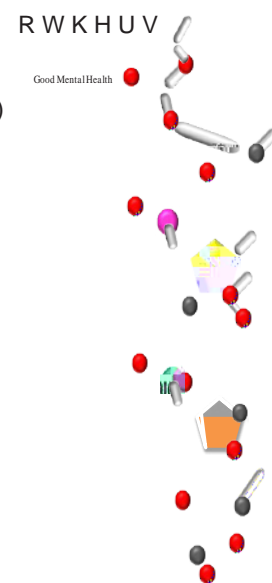
Eigen value that greater than 1 determines that only 4 factors should be used to explain variance (Table 6).

Extraction Method: Principal Component Analysis. Rotation Method: Equamax with Kaiser Normalization.

a. Rotation converged in 9 iterations.

From table 7, after several testing by statistic, the findings of research emphasize four groups of variable predictors:

- Factor 1 should consist of Good Mental Health (4.10), Motivating emotion (4.02), Good Physical Health (4.02),







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