FACTORS LEADING TO PREMATURE RETIREMENT AMONG THE OFFICERS SERVING IN THE INDIAN ARMY

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Abstract

The Indian Army (IA) along with the Indian Navy (IN) & the Indian Air Force (IAF) is the instrument of national power totally committed to safeguard the territorial integrity of the nation. It is having a rich & great saga of valour & fortitude and has relentlessly proven its worth both in peace & war. Officer's cadre is primarily responsible to ensure the operational preparedness of the organisation which involves imparting the highest standard of training to the soldiers & to ensure the highest standard of equipment maintenance. IA is currently battling the twin problem of attracting officers at the functional level and high attrition rate at experienced (middle) level. Hence this research paper aims to study the factors which influence the officers to opt for premature retirement, thereby contributing to the high attrition rate. Questionnaire has been prepared after going through various policies in vogue related to the officer's management and tried to deduce the factors which are largely responsible for the attrition of the experienced officers. Principal information for research was obtained both from the officers who have already taken pre-mature retirement and also from the officers who are having more than 18 years of service to make the research more realistic. The endeavour was made to obtain response from a wide section of the officers representing the cross-functional stream of combat arms & services having diverse educational background. Responses have been obtained through the survey conducted via e-questionnaire. Responses received have been analysed using descriptive understanding & Quantitative Analysis. Analysis was done using statistical software (SPSS). Factor analysis was undertaken to reduce the variables into factors.

Keywords: Indian Army, Premature Retirement, Officers, Operational Preparedness & Shortage.

Introduction

India army is one of the finest armies in the world and one of the custodians of the idea called India/ Bharat. It is one of the instruments of national power to achieve our national objectives. It is the pride of every Indian. It firmly owes its allegiance to the constitution of India. Indian Army has successfully defended the territorial integrity and sovereignty of the nation. It has actively strengthened the civil administration by relentlessly conducting Counter insurgency operations in various part of the country. It has also actively participated in providing aid to civil authority during various calamities. Numerous members of the Indian Army have given supreme sacrifice for the safety & honor of their motherland. It is pertinent to note that nature of warfare is evolving at much faster pace & the adversary is constantly applying almost all the spectrum of warfare to bleed & weaken our national resolve. Hence, the role of officers assumes greater importance in shaping the structure of the Indian Army. Currently army is battling the twin challenge of shortage of officers at functional level and a continuous higher rate of attrition of the experienced officers at middle level. Rate of attrition is more than one officer per day. Attrition of experienced officers will create a vacuum at middle level. Experience and expertise are the outcome of sustained effort both by the individual & the organization. A great amount of energy, efforts and resources are required to enhance the expertise of the individual. The separation of officers from the organization will deprive it of required expertise & experience. Therefore, the trend of premature retirement needs to be arrested to ensure the correct utilization of manpower and also the human resource management policy is required to be evolved continuously to meet the expectations of the environment. An innovative and judicious policy needs to be chalked out to increase the job satisfaction, motivation & other ancillary requirements.

Literature Review

Vigoda-Gadot, Eran & Baruch, Yehuda & SC, D & Grimland, Shmuel. (2010) wrote about the transition from the armed forces to the civilian career and the essential qualifications required for the successful transition to the second career. Findings of the paper indicate that groundwork for retirement and faster understanding of the contemporary corporate environment is essential for successful career transition.

Sherry E. Sullivan and Akram Al Ariss. (2019) summarised that there are five main academic viewpoints of career shifts. They wrote about the five perspectives on career transitions and defined evolving trends, explored existing gaps, and avenues for further research. Globalization, swift technical advancements, tectonic change in an individual's perception regarding their careers has vividly contributed towards career transition. Meister & Willyerd (2010) writes that frequency of career transitions is likely to continue to rise as the share of the millennial generation in workforce is likely to be around 50% by 2020.

Vnoučková, Lucie & Klupáková, Hana. (2013) writes about the outcome of motivation principles on the employees' retention. The result correlates the relation of job satisfaction and the employee's attrition from their current job positions. Volmer, Judith. (2011) writes regarding the importance of the job and its relationship with career progression & its impact on the individual. Writers further state that these relationships are quite important for many individuals. Job is not only the source to earn the livelihood, but its underlying value is much more than that. It can be both a cause of fulfilment and of dissatisfaction. A fruitful profession gives the sense of accomplishment; failure may result in loss of self-esteem and cause for unhappiness.

Ahmad, Umer. (2013) found the impact of training and employees' intention to stay in the organisation. The author concludes that a positive relationship exists between training and employee's retention and also an employee's decision to stay for a longer period of time can be influenced by training practices.

Narang, G. S. (2016) analysed the best practices existing in the human resource management prevalent in the corporate world and possibility of its integration within the armed forces with the purpose to refine the policies.

Sharma, S. (2015) The paper highlighted occupational stressor causing stress in the personnel of the Indian Army. Studies are confined to the professional aspect of the army. Recommendations include the inclusion of techniques of Sahaja Yoga meditation and implementing a commitment driven supervision style in the armed forces to reduce the adverse impact of stress and enhance the efficiency among the army personnel.

Research Gap

Many studies have been conducted by the various scholars around the globe on career transition & high attrition rate in corporate field. However, very limited studies are found globally on the career transition & attrition rate in the military domain and even fewer studies as far as the Indian Army is concerned. Terms and condition of the services in the armed forces is different across the various army. Socio- economic sate & cultural dimension also differs greatly from country to country. Hence it is difficult to correlate the policies of other armies in our context. Thus, it assumes greater importance to understand the requirement & expectation of officers opting for premature retirement to realign the existing Human Capital Management policy within organisational constraints. It is essential to understand the existing gap to formulate policies to reverse the trend of premature retirement.

Research Objective

The research objective is to find the Factors leading to Premature Retirement among the officers serving in the Indian Army.

Hypothesis

The focus of this research is to find the **Factors leading to Premature Retirement among the Officers serving in the Indian Army**. The officer's corps plays an important role in keeping the institution in ever ready state to respond decisively against any adversary. The Raksha Rajya Mantri stated in the Rajya Sabha that Army is deficient of more than seven thousand officers at functional/junior level and 353, 383 & 412 officers have been granted premature retirement in the year 2016, 2017 & 2018 respectively. The high attrition of officers is depriving the organization of its experienced hand. Attrition is not only confined to the officers who have missed out on the opportunity of further promotion, but it also includes the officers who are yet to be considered for further promotion in the hierarchy. Hence, there is an urgent requirement to identify the factors leading to premature retirement and to devise appropriate policies to arrest the trend. It will help to understand the reason for the same and motivate the officers to serve for longer duration. Koster, Ferry (2018) identified the three main innovative approach to human

resource management (HRM) and outlined its implication on the organisation's objectives and practical clue for the HRM professional for an innovative approach. The note closes with implications for research and practice. Hence, the hypothesis statement for the paper is as under:

H1: Review of Human Capital Management policy to arrest the trend of Premature Retirement among the officers serving in the Indian Army.

Research Methodology

The research work included data collected from various sources. The research methodology adopted is given in succeeding paragraphs.

Method of Data Collection

- ❖ <u>Primary</u>: Data was primarily collected through e-questionnaire asked from the officers who have taken pre-mature retirement from the Indian Army & the serving officers were having more than 18 years of the service.
- ❖ <u>Secondary</u>: Reference to books, articles & papers by various scholars have been included as a secondary mode of data collection.
- ❖ Questionnaire: Overview of the 2000 Military Exit Survey, A survey carried out by the Defense Manpower Data Center Survey & Program Evaluation Division, USA has been referred to help prepare the questionnaires.

Sample Size

An e-questionnaire was sent to 269 officers. Altogether 234 officers responded out of which 3 responses were rejected and 231 were considered for the tabulation of the results.

Sampling Method

Stratified random sampling technique was used to survey the target audience.

The population of the Study

It consisted of the officers who have taken premature retirement from the service after 20 years of active service & the serving officers having more than 18 years of service.

Initial Survey

An initial survey was conducted to validate the issues before the real survey, using a reduced sample size as compared to the planned sample size. The questionnaire was in the form of multiple-choice questions with the respondent having to choose the most likely answer. A total of 30 sets of questionnaires with 51 questions each were floated among the target audience. After the analysis of the responses received, the questionnaire was further refined and a final questionnaire with 35 multiple choice questions was floated on google forms for the target audience.

Questionnaire: To identify the factors the questionnaire was grouped into the following categories: -

- (a) Satisfaction & motivation.
- (b) Support to the family.
- (c) Pay & Allowances
- (d) Retirement age.
- (e) Non-empanelment.
- (f) Future Plans including spiritual & social need.

Measurement Scale: Likert scale has been used for the respondents to lay down their level of agreement or disagreement for a series of statements. Strongly Agree has been given numerical value of 5 and strongly disagree 1. Thus, the range captures the intensity of their feelings for the given statement or question. The responses have been classified and the corresponding value is given to each response on a reducing scale namely: -

Results

Reliability Test

Nomenclature	Value
Cronbach's Alpha	.829
Cronbach's Alpha Based on Standardized Items	.822
N of Items	35

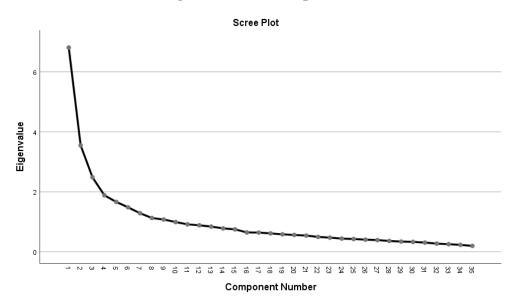
The Reliability test conducted on 35 questions yielded a Cronbach's Alpha score of 0.829. The score is well above the recommended mark of 0.70 and is suitable for subsequent analysis of the data as per George and Mallery (2003).

Factor Analysis

KMO & Bartlett's Test of Sphericity: The outcome of the analysis is placed below. The results of the test confirm that factor analysis is apt for analysing.

Bartlett's Test of Sphericity			
	Value		
Approx. Chi-Square	2859.175		
Df	595		
Sig.	0.000		
KMO Test of Sampling Adequacy	1		
Kaiser-Meyer-Olkin Measure of Sampling Adequacy.	0.806		

Eigen Value Vs Component



Variance Explained

	Initial Eigenvalues		
		% of	Cumulative
Component	Total	Variance	%
1	6.812	19.463	19.463
2	3.548	10.137	29.601
3	2.482	7.093	36.693
4	1.884	5.382	42.075
5	1.663	4.752	46.827
6	1.481	4.232	51.059
7	1.286	3.673	54.733
8	1.126	3.218	57.951
9	1.076	3.074	61.025
10	0.990	2.830	63.855
11	0.915	2.613	66.468
12	0.883	2.523	68.991
13	0.840	2.400	71.391
14	0.780	2.229	73.619

15	0.747	2.135	75.754
16	0.644	1.840	77.595
17	0.640	1.829	79.424
18	0.612	1.748	81.172
19	0.581	1.660	82.833
20	0.560	1.600	84.433
21	0.540	1.543	85.976
22	0.496	1.416	87.392
23	0.471	1.346	88.738
24	0.440	1.256	89.994
25	0.425	1.214	91.209
26	0.404	1.155	92.363
27	0.389	1.111	93.475
28	0.360	1.030	94.504
29	0.341	0.973	95.477
30	0.329	0.941	96.418
31	0.306	0.875	97.294
32	0.271	0.775	98.069
33	0.252	0.719	98.788
34	0.229	0.655	99.443
35	0.195	0.557	100.000

Factor analysis with the varimax rotation method was applied to 35 variables to derive the outcome. 35 Variables were reduced to 20, thereafter grouped under nine different factors. Factors with eigen value equal to or above 1 were retained. Communality above .50 were retained. Factor loadings above .60 were taken into consideration. The nine factors derived were Work Culture, Inadequate Stability- both in Personal & Family Life, Early Mandatory Retirement Age, Non-Empanelment at Early Stage, Desire to Serve the Society, Tough Service Conditions, Alternative Career Option & Skill Enhancement.

Independent Factors & Descriptive Statistics

	Mean	SD	Communality	FL
1. Work Culture	1	I	_ I	
Low Job Satisfaction	4.06	1.07	.62	.76
Incorrect Assignments	3.97	1.01	.57	.72
Lack of Motivation	3.56	1.24	.63	.75
Inadequate Professional	3.91	1.02	.66	.70
Development				
2. Inadequate Stability both	in Personal &	& Family Lit	fe	
Desire to Settle in Preferred	3.97	1.08	.60	.72
Location				
Disruption in Children	3.99	1.16	.62	.73
Education				
Frequent Relocation	3.97	1.25	.75	.78
Family Obligation	3.53	1.11	.59	.63
3. Early Retirement Age				
Early Mandatory	2.56	1.08	.56	.66
Retirement Age				
4. Non-Empanelment at Ear	ly Stage of C	areer	l .	
Inability to Serve under	3.39	1.26	.588	.70
Juniors				
Insufficient guidance to	3.73	1.19	.79	.84
handle Non-Empanelment				
Behavioural changes among	4.06	1.03	.75	.80
colleagues post non				
empanelment				

5. Inadequate Station	3.35	1.25	.63	.63
facility				
6. Desire to Serve the	2.61	1.07	.70	.81
Society				
7. Tough Service conditions	3.07	1.29	.65	.67
8. Alternative Career option				
Low Pay & Allowances	3.25	1.05	.51	.65
Explore Opportunities in	3.72	1.00	.66	.77
Corporate Sector				
Skill Enhancement				1
Desire for Higher Education	3.36	1.13	.65	.71
Lack of Contemporary Skills	3.32	1.10	.63	.61

SD: Standard Deviation, FL: Factor Loading

Discussion

Work Culture

The four variables grouped under the factor "Work Culture" were Low Job Satisfaction, Incorrect Assignments, Lack of Motivation & Inadequate Professional Development. These variables scored factor loadings (FL) of .76, .72, .75 & .70 (Table 4) & mean score of 4.06, 3.97, 3.56 & 3.91 (Table 4) respectively.

• Low Job Satisfaction

Low Job Satisfaction scored the highest factor loading of .76 & mean score of 4.06 among all the variables under this factor. It signifies its importance among all the variable & emphasizes the need to enhance the job satisfaction among the officer's fraternity to enhance their longevity in the army. Supporting the findings Jaiswal, Rakesh & Dash, Satya & Sharma, J. & Mishra, Abhishek & Kar, Suryatapa (2015) concluded that job

satisfaction is one of the most important constituents which determines the tenure of an employee in the Organisation. Satisfaction is directly proportional to the stint of the employee in the Organisation.

- Incorrect Assignments scored a significantly high factor loading of .72 & mean score of 3.97. It is essential to assign the job as per aptitude, capabilities & qualification of an individual to ensure higher productivity from the employee. It is also important to divide the work equitably and judiciously. Kandemir, Cansu & Handley, Holly (2014) stated the importance of articulating job assignments which meets the expectation of employees. Correct articulation results in the best organizational performance. The penalties of unsatisfactory job design are detrimental to the establishment health which often results in task failure, reduced efficiency, and inability to meet schedule.
- Lack of motivation scored higher factor loading of .75 & mean score of 3.56. Higher motivation results in the better performance which enables the establishment to meet its stated goal. It also facilitates the longevity of the employee in the establishment. Mihaela, C., & Marian, L. (2016) The study was conducted on the officers in the Romanian Army. Several issues related to work motivation of army officers were analyzed. It was concluded that men behind the machine is the most important link for the successful completion of the task. Thus, it is important to comprehend the factors that motivate the contemporary generation and classify the issues that affect or help combat motivation.
- Inadequate Professional Development scored factor loading of .70 & mean score of 3.91. It signifies the relative importance of the variable & emphasizes the need to focus on adequate professional development to increase the job satisfaction among the army personnel. Volmer, Judith. (2011) writes regarding the importance of the job and its relationship with career progression & its impact on the individual. Writers further state that these relationships are the most important for many individuals. Job is not only the source to earn the livelihood, but its underlying value is much more than that. It can be both a cause of happiness and of dissatisfaction. A fruitful profession gives a person

sense of accomplishment whereas failure may result in loss of self-esteem. **Inadequate**Stability both in Personal & Family Life

Four variables grouped under the factor "Inadequate Stability both in Personal & Family Life" was Desire to Settle in Preferred Location, Disruption in Children's Education, Frequent Relocation & Family Obligation". These variables scored factor loadings (FL) of .72, .73, .78 & .63 & mean score of 3.97, 3.99, 3.97 & 3.53respectively.

- Desire to Settle in Preferred Location scored factor loading of .72 & mean score of 3.97. It is a very natural desire of any individual to stay at one location for stability in life, however army officers have to move after every two years to a new location which throws multiple challenges and causes turbulence to the officers & their family members. Rahman, Khadiza (2015) concluded that every individual has their personal comfort zone which makes it difficult to adjust to the changing environment. Relocation can cause attrition among many employees which has been confirmed in his studies.
- **Disruption in children Education** scored factor loading of .73 & mean score of 3.99. It signifies the importance of the variable & emphasizes the need to minimize the adverse impact on education of the children. Supporting the findings **S. Beth Ru, Michael A. Keim (2014)** finds the adverse impact of several school transitions to multiple variables like pressure at variances in curricula between schools, acclimatizing to new school atmospheres and making friends, and a lack of understanding by school teachers and staff of military culture. It is also pertinent to note that multiple literature found a decline in academic achievement and rise in social/emotional problems.
- Frequent Relocation scored factor loading of .78 & mean score of 3.99 which signifies the importance of the variable. An army officer including their family members are required to handle multiple set of problems caused by frequent relocation. These problems may act as a catalyst for the attrition of the officers from services. Wan, W.H., Haverly, S.N. and Hammer, L.B. (2018) talks about the impact of intermittent relocation and deployment and their impacts among military professional, which requires sensitive handling to ensure positive outcome.

- Family Obligation scored factor loading of .63 & mean score of 3.53. The social/demographic structure of modern India requires to be studied in greater detail to understand its implication. Joint family structures are being replaced by the nuclear family system which has increased the obligation of serving officers to fulfill their respective family obligation in terms of looking after their old age parents, looking after their ancestral property & other associated issues. These factors may lead to attrition of the officers from the services.
- Early Retirement Age scored factor loading of .66 & mean score of 2.56. It highlights the consequences of an early mandatory retirement age on the officer's decision to opt for premature retirement. A bulk of the army officer retires at the age of 54 in the rank of colonel/ Lt Col since the retirement age is closely linked to the rank structure. Narang (2015) wrote that Army has a very steep hierarchical structure where only around 3.1% of vacancy exists in the rank of Brigadier and above unlike civil services where most of the officers retire as Secretaries/ Additional Secretaries and most of the directly selected police officers retires as ADGP/DGP. Early Retirement has various ramifications like financial insecurity, unfulfilled family obligations like education & marriage of their children. These uncertainties and difficult preposition of not getting a suitable job at the ripe age of 54 years may be motivating many officers to take early plunge to ensure a steady source of income to support their family.

Non-Empanelment at Early Stage of Career

Three variables emerged under this factor were **Inability to Serve under juniors, Insufficient guidance to handle Non-Empanelment**, **Behavioural changes among colleagues post non empanelment**. These variables scored FL of .70, .84 & .80 & mean score of 3.39, 3.73, & 4.06 (Table 4) respectively.

Inability to Serve under Junior scored the highest factor loading of .70 & mean score of 3.39. It signifies the importance of the variable & emphasizes the need to enhance the job satisfaction among the army personnel. Insufficient guidance to handle Non-Empanelment scored the highest factor loading of .84 & mean score of 3.73. It signifies

the importance of the variable & emphasizes the need to enhance the job satisfaction among the army personnel. Behavioral changes among colleagues post non **empanelment early** scored the highest factor loading of .80 & mean score of 4.06. It signifies the importance of the variable & emphasizes the need to enhance the job satisfaction among the army personnel. All three variables under the factor plays a significant role in an officer's decision to opt out of the service after reaching a pensionable service age of twenty years. Non empanelment of the officers in the service bracket of 15-17 years due to limited vacancy to the upper hierarchy owing to the peculiar command & control structure leaves many officers disheartened. More than 65 % of officers miss their promotion in the first selection board itself. Colonel Sanjay Malik (2015) writes that an army career in India like all the militaries, has a steep pyramidal structure and only around 0.02 per cent officers can aspire to reach the rank of Lt Gen/General and approximately 97 % of the officers remains in the rank of colonel and below. He further writes that after initial few years of service, compensation assumes lesser importance than the psychological and social needs of an office. Aspects like professional standing, job satisfaction and social recognition within the organization acquires greater importance. The most prominent side effect of the non-empanelment is the loss of self-confidence due to the sense of disappointment which he feels at such an early stage in service. Peer and family pressures add to his woes. These factors lead to many officers losing interest in their work, but continue to serve due to financial insecurities and also to secure their pension.

Inadequate Station Facility

Inadequate Station facility scored factor loading of .66 & mean score of 2.56. Most of the army cantonments are in tier 2/tier 3 towns. Even though these army stations are self-sufficient as far as the basic human needs are concerned, however, these stations lack the infrastructure when it comes to support the need of working spouse or an educational need of children for higher studies or for the preparation for higher professional courses. The cumulative effect of issues may lead to the decision of leaving the organisation to secure these needs.

Desire to Serve the Society

Desire to Serve the Society obtained factor loading of .81 & mean score of 2.61. It is seen that many officers are motivated to indulge in social services to contribute to the society. Many army officers are successfully running various NGOs catering to the diverse requirements of the society. It may not be feasible for the serving officers to balance out the requirement of running the NGOs & meeting service requirements.

Tough Service Conditions

Tough Service Conditions obtained factor loading of .67 & mean score of 3.07. It is a well-known fact; the life in the army is unique and differs greatly from their counterpart working in any civil organisation. It is regulated by its own set of rules & regulations to meet its organisational objectives. In the army you are required to be available all the time to meet any emergent requirement. Life style, conduct & other activities are governed by the Army Act which is quite stringent & specific. Even certain fundamental rights are restricted. These measures are implemented to ensure the highest standard of discipline which forms the bedrock of army life. Defence Institute of Psychological Research (2020) opines that the Army officers are having higher stress level, but are having correspondingly the inferior quality of life as compared to the other ranks. They also stated that the reasons for the findings could be attributed to the fact that an officer holds a position of authority hence are responsible for making decisions related due to various facets of military activities which results in higher work responsibility as compared their junior subordinates.

Alternative Career Option

The two variables grouped under the factor "Work Culture" were Low Pay & Allowances, & Explore Opportunities in Corporate Sector. These variables scored factor loadings (FL) of .65 & .77 (Table 4) & mean score of 3.25 & 3.72(Table 4) respectively.

• Low Pay & Allowances scored a factor loading of .65 & mean score of 3.25. It signifies the importance of adequate pay & allowance on the intention of the officers to quit the services at a middle stage of their career to pursue alternate career. Diaz-Serrano, Luis

- & Cabral Vieira, José. (2005) examined the impact of pay and job satisfaction & concludes that lower pay leads to a lower level of job satisfaction.
- Explore Opportunities in Corporate Sector scored a factor loading of .77 & mean score of 3.72. Numerous army officers have left the services and are doing exceedingly well in the corporate sector. Their success has motivated many army officers to take a plunge in the corporate life. Many serving officers are also wanting to explore the various opportunity available in corporate career. As per Raghu Raman, a former army officer that the various qualities & attributes which army officers develop while serving & their expertise in different domains of corporate sector, i.e. administration, HR and man management, operations, logistics, security & risk management, technical domain is well respected & appreciated in the corporate world.

Skill Enhancement

The two variables grouped under the factor "Skill Enhancement" were **Desire to Pursue Higher Education, & Lack of Contemporary Skills.** These variables scored factor loadings of .71 & .61 & mean score of 3.36 & 3.32 respectively.

- Desire to Pursue Higher Education scored a factor loading of .71 & mean score of 3.36. This variable brings out the quest for higher education among service personnel. Most of the officer joins the army after their graduation and their academic qualification remains the same for the majority of them till their retirement. This may lead to many officers to quit their respective job and pursue their academic interest. As per Greg Lindberg, a degree can help the individual to learn new skills and knowledge which will help the individual to be more proficient in within the military. It will also assist the employee in smooth transition to civilian life and finding a new career.
- Lack of Contemporary Skills scored factor loading of .61 & mean score of 3.22. Variable stressed the need for acquiring & developing new skill sets in employees, especially in the middle service bracket which would empower the employee to do their job effectively, which in turn will significantly enhance their professional satisfaction. These small little steps may

assist in arresting the trend of premature retirement. Concurring with findings, an article published in SHRM also emphasizes the need of maintaining employee development programs to enhance the retention of the employee. These programs streamline the potential of contemporary employees and shape their capabilities to attain the employer's goals.

Conclusion

Effective Officers management in the army is key to ensure robust structure IA & policy makers must initiate suitable changes to arrest the trend of premature retirement. It is therefore of utmost importance that correct and adequate measures be taken to ensure that the aspiration of the officers who are tasked to lead the soldier in the combat zone be maintained at the highest level. These officers are the future IA and they are most affected by the socio-economic factors and the rapid transformation of technology. Hence, there is a requirement to continuously study the environment to commission an appropriate study for correctly identifying factors to ensure the optimal performance & retention of the officers at a regular interval. It will also help in attracting and retaining the best talent in the Indian Army.

Strength of the Study

The strengths of the research were: -

- (a) This research is focused to understand the causes of the premature retirement of the officers from the Indian Army. Findings of the research will help in formulating suitable policy to reverse the trend of premature retirement.
- (b) The response obtained for research was from a cross functional stream that included the officers from various fighting arms, support arms & services which lends credibility to the findings.

Limitations of the Study

The limitations of the paper were: -

- (b) The chief constraint of the paper was an unwillingness of army personnel to participate in the survey. Hence to overcome the problem, most of the questions related to demographic profile were not collected.
- (c) Larger sample sizes may result in more reliable results.
- (c) A paucity of a time frame to conduct research.

Future Research

This paper attempted to find the causes for the premature retirement among the officers' fraternity of the Indian Army. Findings of the paper can be taken up for the future research with larger sample size. Further research may be taken to include Indian Air Force & Indian Navy to arrive at the clear picture.

Implication

The findings of the paper i.e. twenty variables grouped into nine factors can be further taken up by IA for the consideration to understand the causes of the premature retirement & devise suitable policy to arrest trend of premature retirement. Detailed analysis of the findings may help the Army to realign the policies within the organisational framework to enhance the satisfaction.

Recommendations

The dynamic pace of human evolution and rapidly changing socio-economic factors & technological landscape has necessitated the need to continuously identify & analyze human needs at work place. Timely identification and the corresponding change in existing policies can reverse the trend of premature retirement which would be mutually beneficial both for the individual & organization.

Certain recommendations are as under: -

(a) Analysis of the cause of Premature Retirement

It is recommended to analyze the various factors associated with early retirements on a regular basis. Such studies must involve subject matter experts to draw the correct conclusion which will enable in devising correct policy to arrest the trend of early retirements.

(b) Formal Conduct of the exit interview

It is recommended to formalize conduct of the exit interview for the officers exiting the Organization at senior level to understand the causes of attrition.

(c) Appointment of Professional Counselor.

It is recommended to appoint professional counselors to assist the officers to meet their psychological need such as non-empanelment, missing nomination for the senior professional course and any other such important issues.

(d) **Help in Career Transition**.

It is recommended to initiate a suitable mechanism to address the need of the officers making a transition to the civil society. Measures such as internship & tie up with the leading corporate house to help in finding the jobs or initiatives such as mentorship in helping the officers with entrepreneurial ambition or imparting technical training in areas such as agriculture, fishery etc.

(e) Lateral Absorption

Bulk of the army officers retire at the age of 54, which is much lower age than their counterpart in other civil government organization. Hence a suitable lateral absorption policy may be formulated for the army officers in other government organizations & PSUs to instill confidence among the middle rank army officers.

References

Ahmad, Umer. (2013). Impact of Training on Employee Retention.

Colonel Sanjay Malik.(2015) COAS Gold Medal Essay Competition – 2015, Group 2: Aspirations and Career Management of Non-empanelled Officers

Dandona, Anu. (2013). Spirituality at Workplace and Job Satisfaction. International Journal of Bio-Sciences, Alternative and Holistic Medicine. 4. 976-1802.

Díaz-Serrano, Luís and Cabral Vieira, José António, Low Pay, Higher Pay and Job Satisfaction within the European Union: Empirical Evidence from Fourteen Countries (April 2005). Available at SSRN: https://ssrn.com/abstract=702889

https://www.files.ethz.ch/isn/155725/IB_OfficersPromotionPolicyintheArmy_DahiyaChadha301 112.pdf

Jaiswal, Rakesh & Dash, Satya & Sharma, J. & Mishra, Abhishek & Kar, Suryatapa. (2015). Antecedents of Turnover Intentions of Officers in the Indian Military: A Conceptual Framework. Vikalpa. 40. 145-164. 10.1177/0256090915590335.

Kanwal, G. (2010). Salient Issues Affecting Defence Manpower in India. Journal of Defence Studies.

Kanwal, G.(2013) Needed: A Better Appraisal System for Better Leaders available on https://idsa.in/system/files/jds_7_2_gurmeetkanwal.pdf

Kandemir, Cansu & Handley, Holly. (2014). Employee Task Assignments for Organization Modeling: A Review of Models and Applications.

Koster, Ferry. (2018). Innovative HRM 1 Innovative HRM. A review of the literature. 10.13140/RG.2.2.14237.77285

Marcía L. Brown. (20124) Understanding The Pursuit Of Higher Education Among Active-Duty Military Personnel In The Face Of Deployment, Using The Lens Of Schlossberg's Transition Theory.

Macovei, Crenguța & Argintaru, Lucian. (2016). Factors Affecting the Work Motivation of Officers in the Romanian Army. Scientific Bulletin. 21. 10.1515/bsaft-2016-0043.

Narang, Maj Gen Gurdeep & Goswami, Pinky. (2015). SHORTAGES IN OFFICER'S CADRE IN INDIAN ARMED FORCES: A CRITICAL ANALYSIS. International Journal of Physical and Social Sciences. 5. 28-37.

Narang, G. S. (2016). Relevance of Best Human Resource Practices for the Armed Forces. Arabian Journal of Business and ar A.

Özkeser, Banu. (2019). Impact of training on employee motivation in human resources management. Procedia Computer Science. 158. 802-810. 10.1016/j.procs.2019.09.117.

Pathak, Abhishek & Dubey, Pushkar & Singh, Deepak. (2019). Work Life Balance & Job Satisfaction: A Literature Review. INTERNATIONAL JOURNAL OF COMPUTER SCIENCES AND ENGINEERING. 7. 182-187. 10.6084/m9.figshare.12016704.

Sherry E. Sullivan and Akram Al Ariss, Human Resource Management Review, https://doi.org/10.1016/j.hrmr.2019.100727

Sharma, S. (2015). Occupational stress in the armed forces: An Indian Army perspective. IIMB Management Review.

Sabharwal, Lt General Mukesh, Army: Management of Human Capital, Vol. 26.4 Indian Defence Review 22 Dec 2011, available online at:

https://indiandefencereview.com/spotlights/army-management-of-human-capital-i/0/ (accessed on 10 September 2018) Pp 5

S. Beth Ru, Michael A. Keim. (2014).Revolving Doors: The Impact of Multiple School Transitions on Military Children

Thompson, Mark, 'Evaluating Army Officers, Top to Bottom', Time, 22 September 2011, available at http://nation.time.com/2011/09/22/ evaluating-army-officers-top-to-bottom/ Vasudevan, Dr. Senthilvel. (2015). Re: What is the acceptable range for factor loading in SEM?. Retrieved from:

https://www.researchgate.net/post/What_is_the_acceptable_range_for_factor_loading_in_SEM/5 520e18aef9713db7e8b458c/citation/download.

Vigoda-Gadot, Eran & Baruch, Yehuda & Sc, D & Grimland, Shmuel. (2010). Career Transitions: An Empirical Examination of Second Career of Military Retirees. Public Personnel Management. 39. 10.1177/009102601003900405

Vnoučková, Lucie & Klupáková, Hana. (2013). Impact of motivation principles on employee turnover. Ekonomická revue - Central European Review of Economic Issues. 16. 79-92. 10.7327/cerei.2013.06.03

Volmer, Judith. (2011). Career Stagnation: Underlying Dilemmas and Solutions in Contemporary Work Environments. 10.1007/978-94-007-4059-4_7

Wan, W.H., Haverly, S.N. and Hammer, L.B. (2018), "Work, Stress, and Health of Military Couples Across Transitions", Harms, P.D. and Perrewé, P.L. (Ed.) Occupational Stress and Well-Being in Military Contexts (Research in Occupational Stress and Well Being, Vol. 16), Emerald Publishing Limited, pp. 69-90.

Websites

 $https://www.esd.whs.mil/Portals/54/Documents/FOID/Reading\%20Room/Personnel_Related/20\\00_MES.pdf$

https://pib.gov.in/PressReleseDetail.aspx?PRID=1576432

https://www.livemint.com/Opinion/3U71o8xR7e63OMUYsNPZbN/Corporate-world-needs-people-from-armed-forces.html

https://www.defenceaviationpost.com/2020/07/army-officers-have-higher-stress-but-lower-quality-of-life-than-other-ranks-drdo-study/

https://www.saintleo.edu/blog/military-and-college-reasons-active-duty-members-need-degree

https://www.shrm.org/resourcesandtools/tools-and-samples/toolkits/pages/developingemployees.aspx