MANAGEMENT TRAINING FOR SMALL AND MEDIUM INDUSTRIES A CASE STUDY APPROACH

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by

SATIRENJIT KAUR JOHL

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ABSTRAK

Pada masa kini, penekanan tnula diberikan oleh pihak kerajaan Malaysia untuk meningkatkan kemahiran pengurus dan pekerja bagi tnencapai tahap negara perindustrian pada tahun 2020. Tambahan pula, peranan penting yang dimainkan oleh industt-i kecil dan sederhana telah mewujudkan minat dalatn melatih pengurus dan membangunkan industri ini. Penyelidikan ini mengkaji keperluan latihan untuk pihak pet-gut-us dari segi isi kandunganya dan cara ipersembahkanannya. Objekif yang kedua adalah untuk mengunakan masalah penyelidikan penguntsan sebagai satu rangka di mana ia dapat digunakan untuk merangka suatu kaedah penyelidikan yang inovatif. Ini adalah untuk mengurangkan atau mengatasi masalah yang berkaitan dengan penyelidikan pengurusan.

Oleh yang demikian, bagi memenuhi kedua-dua objektif tersebut, dua kajian kes telah dijalankan berlandaskan kepada alat menemuduga yang telah diwujudkan dan dari rangka yang berbentuk analitik yang diwujudkan dari rangka-rangka yang diperolehi setelah melakukan ulasan karya yang berkaitan dengan industri kecit. Kajian kes ini adalah hasil penemuan peringkat pertama yang seterusnya akan digunakan sebagai suatu proses untuk tnetnperkukuhkannya lagi. Ini dapat dilakukan apabila pelatih dan usahawan bekerja bersama-sama untuk tnemehatni secara mendatatn dengan mengunakan hasil analisis tersebut sebagai asas untuk tnembolehkan usahawan tersebut mengidentifikasi, mengenali dan menerima tnasalah pengut-usan yan dihadapi dan mengemukakan latihan yang sesuai untuk mengatasi tnasalah yang telah dinyatakan.

Kes pertatna adalah sebuah industri kecil yang bat-u memulakan perniagaan. Tujuan kajian ini adalah untuk mengidentifikasi masalah, tindakan yang mungkin boleh diambil bagi mengatasi masalah tersebut dan tnenyatakan isu pengurusan latihan yang nyata. Kes kedua pula berkaitan dengan kejayaan sebuah syarikat yang menghadapi pet-tutnbuhan yang pesat. Objektif kes ini adalah untuk memahami tindakan pengurusan dan akitiviti-akitiviti yang, telah membawa kejayaaan kepada syarikat ini. Isu latihan pengurusan turut ditimbulkan untuk tnendapatkan faedah dari segi penguntsan perniagaan yang sedang dilakukan dengan jayanya. Masalah pernigaan turut dinyatakan bersama dengan latihan untuk pihak pengurus pada tnasa hadapan.Secara kesimpulanya, penyelitlikan ini tnenyatakan faedah menganalisis perniagaan kecil secara menyeluruh dan memikirkan hubungan "value chain" dan perhubungan di antara kotnponen "value chain" yang lain(cth pembekal, pengedar dan sebagainya). Penekanan turut diberikan ke atas latihan untuk pihak pengurus setelah menganalisa kekuatan dan kelemahan proses dan sub-proses tersebut. Dalam analisis terakhir ini, pemindahan pengetahuan yang sebenar melalui progratn latihan mungkin memberi itnplikasi yang terhad ke atas perniagan kecit. Sebaliknya mengenali kelemahan proses dan sub-proses dan tnemupuk langkah-langkah yang betul dan bersesuaian mungkin akan memberi kesan yang lebih ketara.

ABSTRACT

In recent years, great emphasis has been placed by the Malaysian government on developing the skills of the managers and employees in order to input into the reaching of industralised nation status by the year 2020. Also, there is considerable interest in management training and development in the small and medium size industries. This research, examines the management training needs of small medium enterprises in terms of training content and method of delivery of the the training. The secondary aim is to utilise insights into the shortcomings of management research as a frame within which to develop an innovative methodology to reduce and/ or circumvent the shortcomings associated with management research.

Therefore to fulfill both of these objectives, two case studies were conducted with understanding being built out of the development of an interview instrument and analytical framework based on derived out of li-ames of insight produced by review of relevant small business literature. The resultant case studies offer findings as a "first stage case study insight" to form the basis for on-going "firming up" process whereby a later further working together between the trainer and owner-manager can take place to strive toward depth of *processual* understanding, with the foundations of case insights being used as a basis from which to allow owner-manager and trainer(or researcher) to work together to subsequently enable the owner-manager himself to identify, recognise and accept area of management difficulty and appropriate training actions to reduce those difficulties.

The first case relates to small business start-up where the aim is to identify in terms of the company's problems, potential management action which it might undertake to counter these problems and raise apparent management training issues. The second case relates to a successful "post start up" high growth small business where the aim has been to derive understanding of management actions and activities which are driving this firm's success. Management training issues are thus raised in terms of what insight can be gained from what this business management appears to be doing right. Inherent problems are also highlighted and implications for future management training are considered.

In total this research underlines the potential benefits of examining the small business in its full context anct considering the firm value chain, linkages between components of the value chain and between other actors value chains(e.g suppliers, distributors etc) and the firms own emphasis is on the need to consider training through analysis of strengths and weaknesses of processes and sub processes and involving the owner manager in the actual analysis. In the final analysis transfer of "pure knowledge" by training programmes may have limited application in small firms rather owner manager identification of weaknesses in particular processes or sub-processes and nuturing of appropriate corrective actions may have more credence

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CHAPTER ONE

INTRODUCTION

This chapter presents the background of this study, research objectives, stating the problem and developing an innovative research method, value in terms of the possible outcome, developing the research methodology, highlighting the major pitfalls and short comings in management research, research approach, analysis and presentation of findings and finally notes on terminology and classification.

1.1 Background

Currently, there has been great emphasis in developing the skills of managers and employees in order to reduce the gap between the requirements of the organisation and the capabilities of the employees, the hope being that this would lead organisations toward the maintaining of sustainable growth. Training and development are useful tools in minimising this gap.

There have been problems where small firms in particular suffer from shortages of human capability in terms of management and skilled labour. Furthermore, there is growing importance of smaller firms in terms of employment and output in the economy. Therefore, it is important to focus

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REFERENCES

Archer.S (1988) "Qualitative" research and the epistemological problems of the management disciplines in Peltigrew A.M(1988) Competitiveness and the management process- Blackwell, New York.

Atherton A and Hannon P(1995), "the business Plan- a 2 1st century Dinosaur?", paper presented to conference: Intent95, Bunbury, Australia.

Bailey J.E, Royston S. M(1980) *Small Business Education and Training in Australia*, National Training Council, Australian Government Publishing Service, Canberra, Australian Capital Territory.

Barnes Lisa & Jones Stewart (1995), Small Business 'Training Programmes in Victoria: A survey of course content & effectiveness, *Journal of Enterprising Culture*.

Berryman J(1983), Small Business Failure & Brankruptcy: A survey of the literature, European Small Business Journal. Birley S and Gibb A (1984), Teaching small business management in the U.K, Part 1 *Journal of European Industrial Training*.

Bolton report(1971), Report of the committe of Inquiry on Small Firms, London.

Burns P & Dewhurst Jim (1989), *Small Business and Enterpreneurship*, MacMillian Education.

Capham. R(1983), "Training needs in small business sector", Malaysian Management Review.

Craig L. Robert (1987), *Training and Development Handbook*, Mc GrawHill Book Company, New York.

Curran.J(1988), Training & research strategies for small firm, Journal of General Management.

D.D Raiborn, D.M Guy & Marilyn Zulinski (1983), Solving audit problems in Small Business Environment, *Journal of Accountancy*, NewYork: American Institute of CPA's.

Dr Samual Ako(1981), *Small Business & Education*, Ottawa, Canada: Proceedings of the 8th international Symposium on Small Business.

Fong Chan Onn(1990), Industrialisation in Malaysia: Role **of** Small and Medium scale Enterprise, The Malaysian Economy in Transition, Institute of Public Administration, Kuala Lumpur.

Gibb A. Allan (1983), The Small Business challenges to management education, MCB University Press Limited.

Greaves.M..J, Sim A.B and Manickarasagam J(1980), Management skills and training in Malaysia, *Malaysian management review*.

Hankinson(1985), Pricing behaviour, A study of pricing behaviour of Dorset-Hampshire Small Engineering Firms, ICMA and Dorset Institute of Higher Education.

Hankinson. A(1991), Small firms: The training problem, *Industrial and Commercial Training Journal*.

Hribar Z(1978), Training needs and attitudes of small businessmen: A study of owner/manager with reference to small business management courses, Riverina College of advanced education, Australia

Jain.S.K(1 984), "Managerial Education to the end of this century: The Asian scence, *Malaysian Management Review*.

John F Bullock and Dr Lea Hertz (I 982), An internationally Acceptable small business definition, Malaya Spain: Proceedings International Conference on Small Business.

Johnson G, Scholes & Kevan (1988), Exploring Corporate Strategy, Prentice Hall, New York.

Junaidah(1979), Executive Training in Malaysia Personnel Management Workshop held at USM, Penang, 2nd October.

K. Barham C Rassam (unknown), From shaping the corporate future, Ashridge Management research group.

Kenneth J. Albert (198 I), Why small business firms failor succeed Nations business, Washington D.C: U.S Chamber of Commerce.

Kim Seng Jin & Suh Jang Won (1 992), Cooperation in Small and Medium scale industries in ASEAN, Asia Pacific Development Centre.

Kirby A.D(1990), Management Education & Small business development: An exploratory study of small firms in th U.K, *Journal of Small Business Management*.

Larson C and Clute R(1979), "The failure syndrome", American Journal of Small Business.

Milkovich T.G & Boudreau W.J (1991), *Human Resource Management*, Richard D. Irwin Inc.

Miller, Paul(1991), "A strategic look at management development".

Nawawi Hj Mohd Jan et.al (1990), International Conference on SME UUM, Strategies towards impoving SMI's in Malaysia with particular reference to the manufacturing sector

Noor Ismail (1983), Development1 concerns: "Needs and expectitions of small entreprenuers", *Malaysian Management Review*.

Peterson, R.A, Kozmctsky, G and Ridgeway N.M (1983), Perceived courses of small business failures, *American Journal of Small Business*.

Reddin. W.J(1971), The flexible manager, Malaysian Management Review.

Richard H.U (1973), "Desirable attributes of a manager", Malaysian Management Review.

S B A Facts (1976), Washington DC: US Small Business Administration, Government Printing Office

Solomon & George T(1982), The relationship of selected characterisitcs of small business owner-managerto their business probability of success, Washington D>C Dissertation, George Washington University.

Stokes D.R(1992), Small Business Management • An active learning approach, D P Publications Ltd..

Syawe Iris S.L et .al(1990), Manpower and Training, Study of small and medium industries in Sarawak.

Wan Abdul Rahman Wan Ali(1984), 'Building block of the Malaysian economy", in FAMD, Management development of small & medium enterprises in Asian Proceedings of the Tokyo Conference, The foundation for Asian Mnagement Development Tokyo.

William A.J (1984), Small Business Management Training, Research & Counselling: Proposals for action, National Training Council, Australian Government Publishing Service Canberra, Austrialian Capital Territory.

Wyer. P(1993), Small Business Management course training material

Yacob Ibrahim et.al(1986), *Identification of management training needs for small scale* enterprise among AAMO countries, Malaysian Institute of Management, Kuala Lumpur.

Zulpilip Talib et.al(1990), *Small scale industry in Sarawak*, International Conference on SME.