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# The Role of Small and Medium-Size Enterprises in Socio-Economic Sustainability in Pakistan

By Jawed Ahmed Qureshi

*Indus University Karachi, Pakistan*

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THE ROLE OF SMALL AND MEDIUM-SIZE ENTERPRISES IN SOCIO-ECONOMIC SUSTAINABILITY IN PAKISTAN

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**Abstract** - The report is based on an exploratory research on an assessment of the problems and constraints faced by small and medium-sized enterprises (SMEs) in Pakistan with regard to access to financing. The purpose of this report is to identify the core constraints in financing of SMEs in Pakistan that impede their growth and even undermine their liquidity and financial position. The research methodology includes qualitative data and quantitative data. A survey was undertaken from a sample group of 500 respondents of SMEs in Karachi from whom various questions were asked through a structured questionnaire. In addition, one-on-one formal and informal interviews were taken from various businessmen and bankers. Samples were selected conveniently. A conceptual model/framework was devised to test and ascertain the statistical validity. It includes dependent variable SME financing and independent variables, financing constraints, functional/internal barriers, government support and incentives, and SMEs growth and development. The findings discovered that most SMEs feel reluctant to borrow from banks and financial institutes because of stringent collateral requirements, high mark up, lengthy and convoluted documentary process, and somehow hanky-panky or mal practices at banks and financial institutes. The preference of the lending institutions is to finance the large-scale corporate sector. The results of the data analysis confirmed profound relation of dependent and independent variables and accepted the hypotheses. The conclusion drawn was that a substantial portion of SMEs possess great potential of growth and there exists unending opportunities to tap. The banking and financial system in the country enjoys enough liquidity but SMEs are unable to enjoy financial leverage because of various financial constraints, lack of support by government institutions and policy makers, and somehow the internal weaknesses and flaws of SMEs in managing their businesses. Finally, recommendations were suggested for the consideration of economic managers and government.

**Keywords** : *SME Financing in Pakistan; Barriers to Growth for SMEs; Growth & Development of SMEs.*

## 1. INTRODUCTION

The development of small and medium-sized enterprises plays a pivotal role in the growth and prosperity of nation. Although large-scale corporations, particularly industrial concerns contribute sizably/largely in gross domestic products (GDP) and other economic variables of prosperity but the significance of SMEs is widely recognized around the

globe. SMEs make a substantial contribution toward GDP, revenue collection in the form of taxes, fostering entrepreneurship culture, employment opportunities, income generation, skills development of human resources, poverty alleviation, and improving the standard of living and quality of life (Qureshi 2010). Above all the prime economic benefits of SMEs development include encouraging perfect competition and fair distribution of wealth. If only large-scale corporations exist, there will be either a monopoly in an industry, with a single suppliers, or oligopoly with only few suppliers, or monopolistic competition with only some suppliers, while the major portion of national income and wealth will move around the hands of big capitalists. SME sector, however, begets fair competition and equitable distribution of wealth.

SMEs assist in regional and local development since SMEs accelerate rural industrialization by linking it with the more organized urban sector and help achieve fair and equitable distribution of wealth by regional dispersion of economic activities (SME Bank 2009). According to a report by State Bank of Pakistan (SBP 2004), the small and medium enterprises have played key role in development of economies like Japan. It has also been playing key role in providing impetus to the development of some of the world's best economies like Taiwan, Korea, Hong Kong and China. Countries in South America and India have also been concentrating their efforts in developing the SME sector. Pakistan is not an exception to this as both the Government of Pakistan and the State Bank has been trying to give impetus to their efforts aiming to develop SME sector in Pakistan. In this regard government has restructured the key support institutions such as SMEDA and SME Bank. However, the problems of small businesses differ than that of medium size businesses. As stated by West (2010) by quoting in the Economist newspaper, 'small business has a big problem that is access to finance.' Access to finance usually means access to bank finance, because small and medium size enterprises (SMEs) are usually too small to access bond and equity markets. Access to finance is one of the most significant challenges for the creation, survival, and growth of SMEs.

There appears a mushroom growth of SMEs throughout Karachi including the SMEs in leading industrial estates, cottage industrial areas, industrial parks, export process zones (EPZs), trade plazas, malls,

**Author** : PhD Scholar SZABIST, Karachi , Adjunct faculty member SZABIST, Iqra University, Indus University Karachi, Pakistan.  
E-mail : ramangi30@gmail.com

and small business units scattered in the city and its surrounding villages. Historically, many SMEs thrived in Pakistan because of appropriate entrepreneurial spirit and skills, managerial and labor skills, access to finance (as one the foremost salient success factor), access to technology, marketing skills, innovative products, dedicated customer services, and the drive and capability to meet the customer expectations and opportunities better than the competitors. But unfortunately, all the SMEs and micro enterprises in Pakistan are unable to enjoy access to finance and particularly the sufficient level of finance and not all of them possess appropriate level of managerial and technical skills to thrive and excel in the market place. Since the independence of Pakistan in 1947, the nation has witnessed the marvelous growth of thousands of micro, small, and medium enterprises in Karachi and all across the country.

#### a) *SME Defined*

Generally, SME means small and medium enterprises but one definition given by State Bank of Pakistan (SBP) refers SME sector as, the SME sector can itself be classified into micro, small, and medium enterprises (SBP 2010). As defined by State Bank of Pakistan - *SME (Small and Medium Enterprise)* means an entity, ideally not a public limited company, which does not employ more than 250 persons (if it is manufacturing concern) and 50 persons (if it is trading/service concern) and also fulfills the following criteria of either 'a' and 'c' or 'b' and 'c' as relevant:

- A trading/service concern with total assets at cost excluding land and buildings up to Rs50 million.
- A manufacturing concern with total assets at cost excluding land and building up to Rs100 million.
- Any concern (enterprise) with net sales not exceeding Rs300 million as per latest financial statements.

#### b) *Salience of SMEs*

SMEs are considered the engine of economic growth in both developed and developing countries, these generate more employment opportunities than large-scale firms with relatively small investment; provide low cost/investment employment since the unit cost of persons employed is lower for SMEs than for large-size units; and they are more labor intensive than large-scale enterprises, since labor uses either manual, or semi automatic, and seldom uses automatic processes of production.

SMEs assist in regional and local development since SMEs accelerate rural industrialization by linking it with the more organized urban sector; help achieve fair and equitable distribution of wealth by regional dispersion of economic activities; contribute significantly to export revenues because of the low-cost, labor intensive nature of its products; have a positive effect on

the trade balance since SMEs generally use indigenous raw materials; assist in fostering a self-help and entrepreneurial culture by bringing together skills and capital by linking various lending and skill enhancement schemes; impart the resilience to withstand economic upheavals and maintain a reasonable growth rate since being indigenous is the key to sustainability and self-sufficiency (SME Bank 2009).

The economic and social importance of the small and medium enterprise (SME) sector is well recognized in academic and policy literature (UN/ECE 2007). It is also recognized that these actors in the economy may be underserved, especially in terms of finance (OECD-APEC 2006). There have been numerous schemes and programs in different economies to build the SME sector. However, there are a number of distinctive recurring approaches to SME finance, as elaborated by Berger (2005).

- Collateral based lending offered by traditional banks and finance companies is usually made up of a combination of asset-based finance, contribution based finance, and factoring based finance, using reliable debtors or contracts. Information based lending usually incorporates financial statement lending, credit scoring, and relationship lending. Viability based financing is especially associated with venture capital.

#### c) *Problem Statement*

SMEs play the foremost important role in the development of an economy and these need funds and other support for growth, while as per the report of SBP (2009), the total financing to SMEs in Pakistan has been substantially declined by 20% from Rs437 billion to Rs348 billion from 2007 to 2009, due to slowing economy and loan defaults. The situation poses direct threats to the sustainable nourishment of the SMEs. That's why the research topic has been selected as a problem for a detailed study as: "*Role of Small and Medium-sized Enterprise (SME) Financing in the Socio-economic Sustainability in Karachi.*"

#### d) *Research Objectives*

The research objectives are delineated below:

1. To identify core constraints in access to finance by SMEs in Pakistan and other pertinent obstacles in the growth and development of SMEs.
2. To identify the role of government incentives and support for the growth and development of SMEs and understand their significance.

#### e) *The Benefit/Rationale of the Study*

The benefit/rationale to conduct this study is to ascertain the wide gap in demand and supply of finance to SMEs in Pakistan, in a bid to offer proposals to overcome their growing needs for finance.

#### f) *Scope of the Study*

The scope of the analytical research work of this Thesis is to explore the following key points:

- The study will be helpful in pointing out the gaps in SME financing. The actions required to tackle SME financing constraints. The factors which create functional/internal barriers to SME financing need to be addressed. The study intends to provide solutions to develop SME-friendly policies of the government for the growth and development of the SMEs.

#### g) *Research Limitations*

The key limitations of the research are portrayed hereunder:

- The time frame, financial resources, geographic scope, and sample size to undertake exploratory activities were limited. In conducting interviews, many bankers, the officials of lending institutions, the senior SME leaders, and other stakeholders showed reluctance to express their opinions and considered it as leakage of secrecy. Due to lack of higher educational background by many of the owners and top managers of various SMEs, it took a lot of difficulties and time to get them comprehend the questionnaire and get the answers during survey.

#### h) *Research Methodology*

The qualitative cum quantitative research techniques were utilized to discover innovated solutions for SME financing in Pakistan. The data collection methods used in this study included primary data collection techniques i.e. collecting data from unpublished and original sources including surveys. A survey was conducted and a structured questionnaire was framed, pretested, and filled by a sample of 500 respondents of SMEs in Karachi (males and females of varying ages and social classes, selected on the basis of convenience method) belonging to manufacturers, traders, importers, exporters, and service businesses. The measurement scale selected was 5-point Likert scale to know the amount of agreement or disagreement of respondents on a scale of five. Interviews from renowned high profile bankers were taken. One-on-one interviews were recorded on convenience basis from officials of State Bank of Pakistan (SBP), Small & Medium Enterprises Development Authority (SMEDA), National Bank of Pakistan (NBP), MCB, Habib Bank Limited (HBL), United Bank Limited (UBL), Allied Bank Limited (ABL), Standard Chartered Bank, Albarka Islamic Bank, micro credit banks, ORIX Leasing Pakistan Limited, and high ups of Federation of Pakistan Chambers of Commerce Industry (FPCCI, the apex body of trade and industry in Pakistan) were recorded to get acquainted with the latest developments and updates on SMEs. As a

businessman, the personal observations and relevant experiences of the researcher also helped in compiling data.

In the secondary data collection method, data was traced from journals, books, magazines, news papers, diaries, internet/online sources, etc. In particular, data was extracted from the publications of SBP, SMEDA, International Monetary Fund (IMF), World Bank (WB), Asian Development Bank (ADB), United Nations (UN agencies), World Trade Organization (WTO), European Union (EU), research papers, government websites, and other various authentic data sources. The data analysis was carried separately for a qualitative and quantitative assessment to know the relationships among variables and to test the hypotheses.

#### i) *Research Hypothesis*

Following hypotheses are developed to conduct a thorough study:

*H1*: High cost of financing proves detrimental for SMEs and overall socio-economic development.

*H2* : Low cost financing increases the demand for borrowing for SMEs and profitability of banks and creditors.

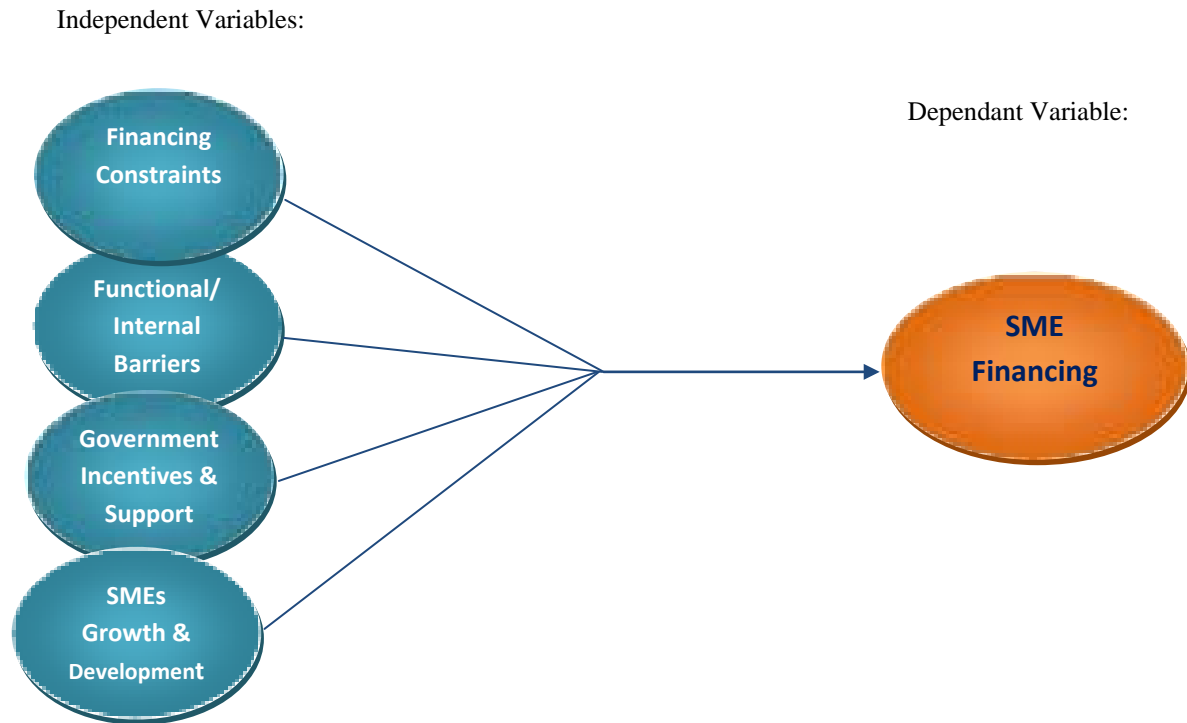
*H3* : SME financing heavily depends on removal of financing constraints (i.e. functional/internal barriers of SMEs themselves and of financing agents).

*H4* : The growth and development of SMEs is directly linked up with capacity building of SMEs and government incentives and support.

#### j) *Research Model*

On the basis of preliminary literature review, a conceptual framework is drawn. The figure 1.1 shows the relationship between various independent variables with dependant variables.

Figure 1.1 : Conceptual Framework on SME Financing



The figure 1.1 exhibits various kinds of constraints or issues that hamper the growth and development of SMEs in the country. The model exhibits SME financing as a dependant variable, while the independent variables include financing constraints, functional/internal barriers i.e. internal weaknesses, government incentives and support, and SMEs growth and development. The independent variables serve as obstructions to the growth and development of SME sector and eventually, if these constraints are removed, they will lead to the superb growth and development of the SMEs, which will ultimately lead to overall macro-economic development. Indeed the independent variables form constructs since they comprise of sub-variables as well, as portrayed below:

*Financing Constraints* contains various factors including Collateral based lending (making it difficult for SMEs to avail loans from financing institutes); Cumbersome and lengthy process of lending; Preference of financing (by banks and financial institutes) to large-scale enterprises; Lack of venture capital financing; and Lack of true Islamic financing (on the basis of profit and loss sharing among SME and financiers).

As per various studies, SMEs in Pakistan undergo various internal barriers (Bari et al. 2005; SBP 2008; SBP 2010).

*Functional/Internal Barriers* contains various factors including Dearth of skilled labor and human resources (to SMEs); Lack of management skills, marketing, accounting and finance, risk management technology and information technology, and poor work ethics; Lack of financial information (regarding financing options and facilities, especially to rural SMEs); and Lack of focus on innovation and value addition.

*Government Incentives and Support* are desperately required to remove a variety of constraints for SMEs in the country, which contains various factors including High cost of borrowing (on the directives of SBP to financial institutes); Ever-escalating cost of business (due to inflation); High rate of taxation; Poor infrastructure; Lack of good governance and transparency; Delayed judicial process (here, pertaining commercial cases only); and Undermined law and order situation (offering threats to SMEs as well).

*SMEs Growth and Development* contains various factors including Enhanced productivity (of SMEs); Increased employment (at SMEs); Improved income, prosperity, and quality of life; Reduced poverty (in society); Investment in family health and education (by SME employers and employees).



## II. LITERATURE REVIEW

### a) Emergence of SMEs in Pakistan

Since inception, Pakistan's market evidence mushroom growth of small and medium enterprises. Banks and other financial institutes played central role in financing those entities. The concept of SMEs emerged in Pakistan since 1972 (in the regime of former premier, Mr *Zulfiqar Ali Bhutto*). *Small Business Finance Corporation (SBFC)* was established by the Government of Pakistan through an Act of Parliament in 1972 with the broad objective to assist small entrepreneurs for self-employment and for setting up cottage industry. SBFC facilitated the masses of small entrepreneurs with disbursing funds on easy terms with reasonable mark up/ interest charges and without collateral. The pith of the financing schemes was focus on the self-employment schemes to generate maximum employment. The loan portfolio mostly comprised unsecured loans or with inadequate collateral (Tanveer 2001).

Unfortunately, SBFC could not accomplish its milestones because of lack of transparency, corruption, and malpractices by both SBFC employees and borrowers. Most of the borrowers obtained funds on the basis of political sources. Due to failures of SBFC, eventually, it was amalgamated into SME Bank Limited effective January 1, 2002 (SME Bank 2009).

In 1998, the government of Pakistan established *Small and Medium Enterprises Development Authority (SMEDA)* to support and promote small and medium scale companies. A snapshot of SMEDA's business development services offered to SMEs through a nation-wide network of help desks include (SMEDA 2009; Industrial Information Network 2010):

- Project Identification and Business Plan Development; Business Information (Library, Databases, Project Briefs, Pre-feasibility Studies); Sector Studies; Assistance in Raising Finance; Taxation – Sales Tax, Custom Duty, Excise Duty, etc.; Capacity Building (company incorporation, legal, technical, financial, accounting, marketing, export, etc.).

In recent two decades, both government and private sector have done appreciate-able work in the SME sector. *SME bank* was launched in Pakistan in the

year 2001, as part of financial sector restructuring program of Government of Pakistan, Regional Development Finance Corporation (RDFC) and Small Business Finance Corporation (SBFC) were amalgamated into SME Bank Limited effective January 1, 2002. SME bank Limited was established to exclusively cater to the needs of the SME sector and to address the needs of this niche markets with tailor-made specialized financial products and services that will help stimulate SME development and pro poor growth in the country. In accordance with the report published by Economic Survey of Pakistan (ESP), (2008-09), up to 28th February 2009, SME Bank has financed 7,814 SMEs, disbursed loans amounting to Rs7,936 million to 54,698 beneficiaries in the country.

Recently, commercial banks have opened SME departments in their branches to support and promote SMEs. Similarly, micro finance banks have extended their facilities to enhance financial leverage of micro enterprises. Leasing companies and other financial institutes have also launched products to strengthen the SME sector. Islamic banking also contributes in hand-holding and support to SME sector by providing financial instruments like Mudarabah, Murabaha, Ijarah, etc.

### b) Contribution of Pakistani SMES in the Economic Development

It has been estimated that the SME sector in Pakistan contributes 30% in the GDP, along with agriculture sector provides 90% jobs, accounts for 35% value addition in the manufacturing industry and generates 25% exports earnings [up to US\$2.5 billion], (SBP 2009). A survey conducted by SMEDA (2008) revealed that 72% of all the SME enterprises were sole proprietors, 12% Partnership (registered), 9% Partnership (unregistered), 6% Private companies and 1% (others). According to the Economic Survey of Pakistan (2008-09), the SME sector has emerged as a lifeline of Pakistan's economy constituting nearly 99.06 percent of all economic establishments, out of which 53 percent of the establishments belong to Wholesale & Retail Trade and Restaurant & Hotel sectors, 20 percent are part of Manufacturing sector and 22 percent fall in the Community, Social, and Personnel Services sector.

*Table 2.1* : Contribution of SMEs in Pakistan in the Economy of Pakistan.

Total Numbers of Economic Establishments	3.2 million
Total Numbers of SMEs	99% of all enterprises
(Along with Agriculture) Contribution in Employment	90%

Total % of Non-Agricultural Workforce (emp. in SMEs)	78%
Average No. of Employees in 99% of SMEs	1-10 persons
Share in Export Earning	25%
Share in Gross Domestic Product (GDP)	30%
Share in Manufacturing Industry	35%

Source : Data tabulated from reports of SBP (09); Federal Bureau of Statistics (09); & Economic Survey of Pakistan 08-09

The figure 2.1 elaborates that it has been reckoned that the total count of economic enterprises in Pakistan stands 3.2 million, out of which 99% comprise of SMEs, providing 90% jobs in the economy including agriculture related SMEs and provide 78% jobs in the economy excluding agriculture related SMEs, having 1 to 10 employees as an average in 99% SMEs, and their share in export revenues, GDP, and manufacturing industry comprise 25%, 30%, and 35% respectively.

According to very latest statistics by State Bank of Pakistan (SBP 2010), 90% of the total SME loan portfolio is concentrated in Punjab and Sindh, 64.22% in Punjab and 25.93% in Sindh, while only 10% share is taken by Khyber Pakhtunkhwa, Balochistan, Gilgit Baltistan, and Azad Jammu and Kashmir. The SBP report uncovers that an overall decline in SME financing was observed, which fell 20% to Rs348 billion in 2009 from Rs437 billion in 2007, as a consequence of loan defaults and slowing economy. It was also reported that 89% of the loan disbursements by SMEs were for working capital requirements, which reflects banks' reluctance for providing long-term financing and venture capital needs. According to a recent article on the same issue, the three major cities in Pakistan, Karachi, Lahore, and Faisalabad account for more than 50% of total SME financing in the country and top 20 cities together make

up 85% of total SME financing (Dawn 2010). The share of SME financing in total lending portfolio in Pakistan is only 10% (Daily Times 2010). In 2009, 89% of the SME financing was received for meeting working capital needs, which shows banks' reluctance to finance long-run projects (SBP 2010). According to another publication by SBP in December 2008, at the end of fourth quarter of 2008, the total outstanding credit of SME sector stood Rs383 billion. About 48% of this amount has been availed by manufacturing SMEs, followed by 36.4% by trading SMEs, and the rest i.e. 15.6% by service SMEs. The share of short-term loans (up to 1 year) constitutes about 70.9%, long-term loans (exceeding 3 years) up to 19%, and the rest was the share of medium-term loans (1 to 3 years), i.e. 10.1%. As per SBP review on SMEs (2008), the total non-performing loans up to 31-12-2007 stood Rs41.3 billion, which constitutes 9.5% of the total financing to the SME sector in 2007.

The SME sector contributes 60% of GDP and over 70% of total employment in low-income countries; while they contribute over 95% of total employment and about 70% of GDP in middle-income countries (Berger et al. 2003). Surprisingly, more than 90% industrial units in the country are small SMEs. 84% of the SMEs have annual revenue of less than Rs0.5 million (SBP 2008).

Table 2.2 : Distribution of MSMEs by Sector, As % of GDP.

	Sector	Share in GDP
1.	Services	17%
2.	Manufacturing	30%
3.	Trade & Hotels	53%

Source : ILO/SMEDA (2002)

The table 2.2 explains that the services sector in Pakistan possesses 17% share in GDP, while

manufacturing and trade plus hotels contribute 30% and 53% respectively.

### c) *Problems Faced by SMEs in Pakistan*

SME sector in Pakistan has amazing potential of development but the key problems include various factors as depicted below:

Till late 90s, the focus of the government, banks, and financial institutes remained mainly on the corporate sector, particularly large-scale industries and manufacturing concerns. The greater concentration of facilitating and financing corporate sector resulted high rates of failures, owing to economic slumps, institutional malpractices, political motives, and damaging activities of labor unions in that sector left the formal lending institutes with huge infected portfolios (SME Bank 2009). A substantial portion of SME sector may not have the security required for collateral. Most of the SMEs appear deficient in accounting and financial information that hinders the effectiveness of financial statement-based lending and credit scoring. This leads to "SME finance gap" particularly in emerging economies (Newberry 2006). Another obstacle is lack of business plans/viability reports to assess the cash flows of business and expected return on investment. Since the viability based approach provides general business development assistance (Kamanyi 2003). Other major causes are lack of accounting and other information; and insufficiently high levels of profitability, gearing, liquidity, and other performance criteria on the part of funding applicants (ISRP 09). Some other constraints in the swift growth of SMEs in Pakistan include shortage of skills, scarcity of capital goods, poor management, lack of data on the sector, resistance to change and marketing (SBP 2009). Another report highlights that one of the problems being faced by this sector is that it does not have access to formal sources of financing (their formal credit usage is around 12%). Interestingly enough, compared to the high default rate of 65% among large concerns, SMEs default rate is only 15% (Tanveer 2001).

According to a report by World Bank Pakistan (WB Pakistan 2009), there is an enormous growth potential for financial services in Pakistan, especially in rural areas. Around one third of the population borrows, but only 3% use formal services to do so. The same report further adds that an incomplete legal and regulatory framework and non-SME-friendly products and procedures hamper increased SME lending. Indirect costs, legal fees, collateral registration, and documentation make bank lending expensive for small and medium enterprises (SMEs), (WB 2009). A similar report on SME sector in Canada highlights a situation, which seems common in Pakistan as well. A research report by International Monetary Fund (IMF) reveals that financing SMEs may be a challenge. Small loans do not always justify the overhead costs of financial institutions. Many SMEs are start-ups, with little or no credit history, and with few tangible assets to secure a loan. A large portion of SMEs offer untested ideas and innovative

products whose commercial success is uncertain (IMF 2007). A similar report on SME sector in China also highlights a situation, which seems a resembling to the Pakistani situation. A study by Asian Development Bank (ADB 2002) reveals that SME investments are difficult to evaluate, take time to mature, and difficult to liquidate. In China, major institutional investors (including pension funds and insurance companies) are not allowed to invest in private SMEs. The study makes insights on international best practices on SME financing and states that to encourage investment in SMEs, most countries have the programs that either increase potential return to investors, or reduce risk of loss (ADB 2002).

### d) *SME Policy*

*The SME Policy 2006* (which is the latest one available and also called as SME Policy 2007) is designed by the Government of Pakistan, which has taken input from various government departments and sources. This was the 1st ever policy on SMEs in Pakistan came into being with the aim to facilitate and promote SMEs across the country. Special attention was paid to build the overall capacity of SMEs including financial, technical, entrepreneurial, managerial, human resources, marketing, and exports capability. The SME Policy was developed as a result of the deliberations of the SME Task Force and its four Working Committees. The SME Policy formulation was a participatory process through executives from ministry of production, industries, and special incentives, ministry of commerce, SBP, SMEDA, and other public sector institutions were involved, while the private sector bodies included, chambers of commerce and industries, trade associations, public sector organizations, and more than 1000 SMEs were consulted across the country.

### e) *SMEs Promotion by Private Sector*

The concept of SMEs has been widely acknowledged and promoted by the private sector in Pakistan. On the front of the private sector in Pakistan, all the branches of chamber of commerce and industry and trade associations have formulated SME committees within their offices. The chairmen and members of such committees address, promote, and protect the interests of SMEs around the country. Union of Small and Medium Enterprises (UNISAME) is the specialized body of the private sector to deal with the issues of SMEs. On the academia side, business and commerce graduates are fully aware of the notion and significance of SMEs. FPCCI has also set an SME standing committee to deal with the affairs of SMEs. The Committee regularly reviews and proposes the Government the policy recommendations about SMEs in a bid to promote and safeguard the interests of the SMEs (FPCCI 2010). The Committee has added input in the SME policy as well.



### III. DATA ANALYSIS

The *quantitative data analysis* has been undertaken through the software, SPSS (Statistical Package for Social Sciences) by using descriptive

statistics, reliability test, and correlation techniques to test the model. The results are tabulated and elucidated hereunder:

*Table 3.1* : Reliability Test

Scale : ALL VARIABLES

Table 3.1.1: Case Processing Summary			
		N	%
Cases	Valid	500	100.0
	Excluded <sup>a</sup>	0	.0
	Total	500	100.0
a. List-wise deletion based on all variables in the procedure.			
Table 3.1.1 Reliability Statistics			
Cronbach's Alpha	N of Items		
.922	10		

The reliability test shows Cronbach's Alpha score of .922, while the benchmark of it is .7, which means the questionnaire and scale are highly reliable.

*Table 3.2* : Descriptive Statistics.

	N	Mean	Std. Deviation
SME Financing	500	3.7900	.68964
Financing Constraints	500	3.4988	.54813
Functional/Internal Barriers	500	3.5500	1.22903
Government Incentives & Support	500	4.0700	.82179
SMEs' Growth & Development	500	4.3250	1.25699
Valid N (list wise)	500		

According to respondent's opinions, as exhibited in table 3.2, the rating on independent variable SME Growth and Development was the highest with a mean of (4.32). The rating of Government Incentive and Support was second the highest with a mean of (4.07), the rating of SME Financing was the third highest with a mean of (3.79), the rating of Functional/ Internal Barriers was the fourth highest with a mean of (3.55) and the rating of Financing Constraints was the lowest with a mean of (3.49).

The standard deviation of respondents' opinions on "Financing Constraints" was the least (0.54), as compared to the other dimensions. This indicates that there is the highest participation in SME Financing dimension. The standard deviation of respondents' opinion on SME Growth and Development was the highest (1.25), as compared to other dimensions. This indicates that there is the least involvement in SME Financing dimension.

Table 3.3 : Correlations .

		<b>SME Financing</b>	<b>Financing Constraints</b>	<b>Functional/Internal Barriers</b>	<b>Government Incentives &amp; Support</b>	<b>SMEs' Growth &amp; Development</b>
<b>SME Financing</b>	Pearson Correlation	<b>1</b>	<b>.937(**)</b>	<b>.929(**)</b>	<b>.966(**)</b>	<b>.931(**)</b>
	Sig. (2-tailed)		<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>
	N	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Financing Constraints</b>	Pearson Correlation	<b>.937(**)</b>	<b>1</b>	<b>.875(**)</b>	<b>.921(**)</b>	<b>.903(**)</b>
	Sig. (2-tailed)	<b>.000</b>		<b>.000</b>	<b>.000</b>	<b>.000</b>
	N	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Functional/Internal Barriers</b>	Pearson Correlation	<b>.929(**)</b>	<b>.875(**)</b>	<b>1</b>	<b>.884(**)</b>	<b>.857(**)</b>
	Sig. (2-tailed)	<b>.000</b>	<b>.000</b>		<b>.000</b>	<b>.000</b>
	N	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Government Incentives &amp; Support</b>	Pearson Correlation	<b>.966(**)</b>	<b>.921(**)</b>	<b>.884(**)</b>	<b>1</b>	<b>.961(**)</b>
	Sig. (2-tailed)	<b>.000</b>	<b>.000</b>	<b>.000</b>		<b>.000</b>
	N	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>SMEs' Growth &amp; Development</b>	Pearson Correlation	<b>.931(**)</b>	<b>.903(**)</b>	<b>.857(**)</b>	<b>.961(**)</b>	<b>1</b>
	Sig. (2-tailed)	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	
	N	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>

\*\* Correlation is significant at the 0.01 level (2-tailed).

As exhibited in table 3.3, the correlation values show that there is a positive correlation among dependant and independent variables including SME Financing with Financing Constraints, Functional/Internal Barriers, Government Incentives and Support and SME Growth and Development. The dependent variable "SME Financing" has the strongest correlation with

Government Incentives and Support (0.966\*\*), then with Financing Constraints (0.937\*\*), with SMEs' Growth and Development (0.931\*\*) and with Functional/ Internal Barriers (0.929\*\*), while the significance level stands .00, which means all the alternative hypotheses are accepted.

*Table 3.4 : Regression.*

*Variables Entered/Removed (b)*

a. All requested variables entered.

b. Dependent Variable: SME Financing

Model Summary									
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.882 <sup>a</sup>	.821	.821	.20798	.821	41.781	4	495	.0

The table 3.4 and its summary exhibit the following statistics:

O The R value shows Coefficient of Correlation that is the numerical measure of strength of the linear relationship between two variables. The R value (.882) shows that there is a positive correlation among all

variables, the dependant and independent variables, while the R Square and Adjusted R Square show Coefficient of Determination that provide a value of (.821), which means the results are 82% reliable to be used for estimation of population.

*Table 3.5 : ANOVA (b)*

ANOVA <sup>b</sup>						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	27.817	4	6.954	41.781	.000 <sup>a</sup>
	Residual	82.391	495	.166		
	Total	110.208	499			

The table 3.5 exhibits the following statistics:

O The Sum of Square shows the total variability around the mean, the Sum of Square of Residual Mean, the Sum of Squared Errors in Prediction, and Sum of Square Regression, which means the improvement in Prediction by using the predicted value of (Y) Dependent Variable over just using the mean of (X) Independent Variable.

O The degree of freedom means number of sample minus one.

O The F Test value (358) shows the combination of all variables and overall significances of the Model, it means there is a clear dependence of all the variables on each other, and the results appear significant.

Table 3.6 : Coefficients (a).

Coefficients <sup>a</sup>						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	6.912	.356		46.589	.000
	Financing Constraints	.851	.056	.871	52.269	.000
	Functional/Internal Barriers	.74	.061	.647	54.912	.001
	Government Incentives & Support	.86	.045	.536	81.752	.000
	SME Growth & Development	.72	.044	.625	51.851	.002

The table 3.6 exhibits the following statistics:

The t values of independent variables, Financing Constraints, Functional/Internal Barriers, Government Incentives & Support, and SME Growth & Development respectively stand (52.269), (54.912), (81.752), and (51.85). According to the rules if t value is greater than 2 ( $t > 2.5$ ), then null hypothesis will be rejected and alternate hypothesis will be accepted. That means the results accepted *the hypothesis* framed for the study and met its objectives, as delineated below:

*H1* : High cost of financing proves detrimental for SMEs and overall socio-economic development. ACCEPTED

*H2* : Low cost financing increases the demand for borrowing for SMEs and profitability of banks and creditors. ACCEPTED

*H3* : SME financing heavily depends on removal of financing constraints (i.e. functional/internal barriers of SMEs themselves and of financing agents). ACCEPTED

*H4* : The growth and development of SMEs is directly linked up with capacity building of SMEs and government incentives and support. ACCEPTED

*The research objectives* were also fulfilled with quantitative results, as delineated below:

1. To identify core constraints in access to finance by SMEs in Pakistan and other pertinent obstacles in the growth and development of SMEs. Objective FULFILLED.
2. To identify the role of government incentives and support for the growth and development of SMEs

and understand their significance. Objective FULFILLED.

*The findings of qualitative research* suggest that most people/SMEs borrow but they use informal channels. They invest from their savings and retained earnings or borrow from friends and family members. Most of them feel reluctant to borrow from banks and financial institutes because of stringent collateral requirements, lengthy and convoluted documentary process, heavy mark up, and somehow hanky-panky / mal practices at banks and financial institutes. Most of the SMEs borrow for purchasing inventory and to meet working capital needs because the lending institutes evade sanctioning loans for venture capital or project financing for start-up businesses. The preference of the lending institutes is the corporate or large-scale sector, as they swiftly grant credit to them at discounted mark up and indirectly, they have been using credit rationing. The contribution of SME financing to total loan portfolio in 2009 stood only 10%, which decreased about 6 plus percent from last year.

#### IV. CONCLUSION AND RECOMMENDATIONS

##### a) Conclusion

Formal financing is the biggest problem of SMEs because a substantial portion of SMEs does not have the security required for collateral. The loan processing time is very lengthy and cumbersome and the loan terms are not succinct and thoroughly understood by the borrower. The share of SME financing



in total lending portfolio in Pakistan is only 10% (Daily Times 2010). In 2009, 89% of the SME financing was received for meeting working capital needs, which shows banks' reluctance to finance long-run projects (Dawn 2010). Due to insufficient funds and relatively small size of business, most SMEs even don't envisage of becoming the members of a stock exchange and issue shares of stock and bonds. There is an enormous growth potential for financial services in Pakistan, especially in rural areas. Around one third of the population borrows, but only 3% use formal services to do so. In addition, an incomplete legal and regulatory framework and non-SME-friendly products and procedures hamper increased SME lending. Indirect costs, legal fees, collateral registration, and documentation make bank lending expensive for small and medium enterprises (WB 2009). The unofficial sources report that the relations managers of various banks charge hanky-panky amount, generally 3 to 5% of the loan amount against sanction of a loan, but it all depends on case to case basis. The mark up rate on financing at 12.5 % appears very high in the whole region. In addition, the banks also add a mark up spread from 2 or 3 to 6% on loans, which discourages the investment climate and the cost of doing business apparently becomes too high (SBP 2010). Islamic banking and stand-alone Islamic branches of conventional banks can make remarkable and stupendous growth provided their products offer interest free and profit and loss sharing financial solutions to enhance leverage to the SMEs.

Most of the SMEs appear deficient in accounting and financial information that hinders the effectiveness of financial statement-based lending and credit scoring. Another obstacle is lack of business plans/viability reports that is to assess the cash flows of business and expected return on investment. Other major causes are lack of accounting and other information; and insufficiently high levels of profitability, gearing, liquidity, and other performance criteria on the part of funding applicants. Some other constraints in the swift growth of SMEs in Pakistan include shortage of skills, scarcity of capital goods, poor management, lack of technology and data on the sector, resistance to change, and marketing.

#### b) Recommendations

*Profit and loss sharing/ Islamic financing:* It presents the best solution for promotion of SMEs in Pakistan because the owner does not bear the complete risks of loss and work freely to enhance the business with the financial support of a friendly bank. *Collateral free lending:* It should be offered for running finance (to meet working capital needs) and project finance/venture capital in a similar way. The prudential requirements of the State Bank of Pakistan also allow collateral free lending up to Rs3 million based on cash flows lending

(SBP 2010). It should be offered to established businesses and a reasonable share of such loans should be passed for newly emerging businesses. *Using cash flows & market credibility against financing:* Using positive cash flows and company credibility or goodwill in the market need to be considered as tantamount to traditional requirement of collateral/mortgaged property. This will be especially suitable for SMEs with track record of success. *Collateral free Sale-Purchase Agreement for inventory:* As vast majority of SMEs borrow to buy inventory/stock, so such schemes should be launched on priority basis. The insurance cover for the lenders will be to get the stock of borrower insured and with consent of the borrower, some sensible person(s) can be hired on contractual terms to assist the warehouse in charge of the borrower and monitor and report the bank on the continuous progress of sale and balance status of inventory. Such products might attract very high demand. *Collateral free lending against Trust warehouse receipt of tradable commodities:* This practice is common in India and various parts of the world; it should also be adopted in Pakistan. The risk of the lender is minimized through receiving fresh stock of easily tradable commodities like, rice, wheat, sugar, cotton, and the like. The private warehouses under an agreement with the lender can provide such facilities. Moreover, the commodities can be covered from the risk of theft, fire, burglary, etc through an agreement with an insurance company. *Collateral free leasing:* There should be no collateral requirement on leased products especially for financing machinery and equipments. The risk of the leasing companies can be covered through insurance of the leased products. Moreover, the leasing company can utilize other risk minimizing instruments to safeguard its interests. *Establishing credit guarantee/insurance agencies:* The Pakistan Export Finance Guarantee Scheme (PEFGA) was established to facilitate the availability of finance for export trade to exporters and indirect exporters (SBP-PEFGA 2010). But unfortunately, it is known that PEFGA is about to close its operations and is undergoing the process of loans recovery, only because of lack of interest by the present regime. Like Pakistan Export Credit Guarantee Agency (PEFGA), other such agencies also need to be established, which can share the credit risk with the banks for financing SMEs. *Financing ready-made businesses:* Schemes like 'President Rozgar Scheme' and 'Mera Apna Karobar- NBP Karobar' offered by National Bank of Pakistan (NBP) in 2007, offer tailor-made solutions for generating self-employment. The products included utility store, mobile utility store, general store, rickshaws, public call offices (PCOs), and telecaster (tele-call centre) having great demand in the country. The mark up/ interest on loans is subsidized by Government of Pakistan, as the borrower only pays 6% mark up and the rest is borne by the Government (NBP

2010). NBP attracted huge customers and involved them in income-generating projects to earn their livelihood and enjoy the spirit of self-employment. Such schemes appear need of the hour and must be initiated by numerous banks and financial institutes at concessionary mark up/interest rates. *Low/subsidized mark up loans for targeted rural SMEs*: The new SMEs, SMEs of exporters, women, and in particular of unfortunate and marginalized communities located in rural areas should be given subsidized mark up rates by State Bank of Pakistan and National Bank of Pakistan (NBP). In a similar manner, NBP's scheme, Apna Karobar is subsidized (NBP 2010). *Establishing institutes for entrepreneurship training, capacity building, and loaning to SMEs*: In collaboration with SMEDA, banks and lending institutes, specialized institutions need to be opened to train and develop entrepreneurs and SMEs. The potential entrepreneurs and SMEs should be groomed to develop business management skills, engage in business and self-employment opportunities, enabling them to identify potential projects, design new products, conduct brief viability studies (or cost/benefit analysis), and eventually, they should be offered loans to resume their own businesses. It all requires commitment, mutual trust, capacity building, and continuous coordination among all stakeholders inclusive of entrepreneurs, SMEs, SMEDA, banks and lending institutes, and *institutes for entrepreneurship training, capacity building, and loaning*.

## REFERENCES RÉFÉRENCES REFERENCIAS

1. ADB. (2002). SME Financing: International Best Practices. Appendix Y, May 2002 Forum. *Asian Development Bank*. <http://www.adb.org>
2. Bari, Faisal, Cheema, Ali, & Ehsan-ul-Haq. (2005). SME Development in Pakistan, Analyzing Constraints to Growth. Asian Development Bank (ADB). Working Paper 3.
3. Berger, A. and G. Udell. (2005). A More Complete Conceptual Framework for SME Finance. <http://ideas.repec.org/p/wbk/wbrwps/3795.html>
4. Daily Pakistan. (2010). <http://www.daily.pk/undp-reports-pakistan-poverty-declined-to-17-under-musharraf-10324/>
5. Daily Times. (2010). News on SMEs. *Daily Times*, May 6, 2010. [www.dailytimes.com.pk](http://www.dailytimes.com.pk)
6. Dawn. (2010). News on SMEs. *Dawn*, Monday, May 17, 2010. [www.dawn.com](http://www.dawn.com)
7. Federal Bureau of Statistics. (2010). [www.statpak.gov.pk/depts/index.html](http://www.statpak.gov.pk/depts/index.html)
8. Federation of Pakistan Chambers of Commerce and Industry (FPCCI). (2010). [www.fpcci.com.pk](http://www.fpcci.com.pk)
9. Economic Survey of Pakistan. (2008-09). *Finance & Statistics Division*. Government of Pakistan.
10. ISRP. (2008). *The Business Finance Market: A Survey*. Manchester UK, 3rd. Revised Edition 2008. *Industrial Systems Research Publications* [1](<http://books.google.com/books?id=YGFzFMMc-d-0C&printsec>).
11. ILO/SMEDA. (2002). Creating a Conducive Policy Environment for Micro, Small & Medium-Sized Enterprises in Pakistan. SEED Working Paper No. 29. Geneva.
12. IMF. (2007). *SME Financing, SME Sector in Canada*. International Monetary Organization. <http://www.imf.org>
13. Industrial Information Network. 2010. [www.iin.com.pk](http://www.iin.com.pk)
14. Kamanyi, Judy. (2003). Poverty Reduction Strategy Paper, Development Assistance, Gender and Enterprise Development Impact Assessment: The Case of Uganda. <http://www.enterprise-impact.org.uk/pdf/kamanyi.pdf>. Retrieved 2007-06-28.
15. Ministry of Industries & Production. (2010). *Export Financing Schemes*. Engineering Development Board, Government of Pakistan. [www.engineeringpakistan.com](http://www.engineeringpakistan.com)
16. National Bank of Pakistan. 2010. *Karo Karobar*. [www.nbp.com.pk](http://www.nbp.com.pk)
17. Newberry, Derek. (2006). The Role of Small & Medium-Sized Enterprises in the Futures of Emerging Economies. [http://earthtrends.wri.org/features/view\\_feature.php?theme=5&fid=69](http://earthtrends.wri.org/features/view_feature.php?theme=5&fid=69). Retrieved 2008-05-19.
18. OECD. November: (2006). Financing SMEs and Entrepreneurs. Policy Brief. <http://www.oecd.org/dataoecd/53/27/37704120.pdf>
19. Qureshi, Jawed Ahmed. (2010). Role of Small and Medium-sized Enterprises (SMEs) in the Socio-economic Sustainability in Karachi. M. Phil. Thesis. Indus Institute of Higher Education, Karachi, Pakistan.
20. Reserve Bank of India. (2010). [www.rbi.org.in](http://www.rbi.org.in)
21. SBP. (2008). Review on SMEs-2008. [www.sbp.org.pk](http://www.sbp.org.pk)
22. SBP. (2008). Development Finance Review. [www.sbp.org.pk](http://www.sbp.org.pk)
23. SBP. (2010). Credit Guarantee Scheme. [www.sbp.org.pk/sme/circular/2010](http://www.sbp.org.pk/sme/circular/2010)
24. SBP. (2010). Pakistan Export Finance Guarantee Agency (PEFGA). <http://www.sbp.org.pk/incentives/pefg/pefg-features.htm>
25. SBP. (2009). Compendium of Gender, 2009. p 73.
26. SBP. (2010). [www.sbp.org.pk](http://www.sbp.org.pk)
27. SME BP. (2009). *SME Sector*. SME Bank Pakistan. <http://www.smebank.org>
28. SME Business Support Fund. (2010). [www.bsf.org.pk](http://www.bsf.org.pk)
29. SMEDA. (2010). *Services & Functions of SMEDA*. <http://www.smeda.org.pk>

30. SMEDA-World Bank. (2003). *Investment Climate Survey 2003*.
31. SMEDA. (2009). *SME Policy 2006-07*. <http://www.smeda.org.pk>
32. Statistics Division. (2010). Government of Pakistan. [www.statpak.gov.pk](http://www.statpak.gov.pk)
33. Tanveer, Haider. (2001). Small Business Finance Corporation – the SME Vision. *Pakistan Economist*. Issue 2001. Jan 29 to Feb 4, 2001. [www.pakistaneconomist.com](http://www.pakistaneconomist.com)
34. The News. (2010). <http://www.thenews.com.pk/print1.asp?id=100155>
35. United Nations Conference on Trade And Development (UNCTAD). (2010). [www.unctad.org](http://www.unctad.org)  
UN/ECE Secretariat. (2007). SMEs - Their role in foreign trade. [www.unece.org](http://www.unece.org/contact/UNECE404.htm) <http://www.unece.org/contact/UNECE404.htm>. Retrieved 2007-06-28.
36. Union of Small And Medium Enterprises - UNISAME. 2010. <http://www.unisame.org/blog/sme-policies/>
37. West, John. (2010). SME Financing & the Crises, Asian Development Bank Institute (ADBI). [www.adbi.org](http://www.adbi.org)
38. WB. (2009). *World Bank Report Calls for Easier Access to Finance for Pakistan's Poor*. World Bank Islamabad chapter's publication. <http://www.worldbank.org.pk>. Accessed on 009-11-12.

