

## PREM CHANDRA SAXENA

### MAILING ADDRESS

#### **PROF. PREM C. SAXENA**

*Former Professor, American University of Beirut*

603 Manjushree

Plot No. 21 ; Sector 7

Koperkhairne

**Navi Mumbai (New Bombay) – 400 709**

**INDIA**

Phone # : 0091-22-2754 6041    Mobile # : 0091-9821337600

E-mail: [premsaxena2004@yahoo.com](mailto:premsaxena2004@yahoo.com)

---

### PERSONAL INFORMATION

DATE & PLACE OF BIRTH	January 5, 1939 – New Delhi
NATIONALITY	Indian
SEX	Male
MARITAL STATUS	Married

### HIGHER EDUCATION

Ph.D. (Statistics/Demography)	(1970)	Banaras Hindu University, India
M.A. (Statistics)	(1964)	Banaras Hindu University, India
M.Sc. (Mathematics)	(1962)	Banaras Hindu University, India
B.Sc. (Phy., Math. & Statistics)	(1960)	Agra University, India

### ACADEMIC APPOINTMENTS

2000 – 2003	<b>Professor &amp; Coordinator</b> , MS. Program in Population Studies, Dept. of Epidemiology and Biostatistics, Faculty of Health Sciences, American University of Beirut, Beirut, Lebanon.
1995 – 2000	<b>Professor &amp; Chairman</b> , Dept. of Population Studies, Faculty of Health Sciences, American University of Beirut, Beirut, Lebanon.
1993 – 1995	<b>Visiting Professor &amp; Chairman</b> , Dept. of Population Studies, Faculty of Health Sciences, American University of Beirut, Lebanon.
1988 – 1995	<b>Professor &amp; Head</b> , Department of Mathematical Demography and Statistics, International Institute for Population Sciences, Deonar, Bombay, India.
1972 – 1988	<b>Reader in Demography</b> , International Institute for Population Sciences, Deonar, Bombay, India.
1969 – 1972	<b>Lecturer in Statistics</b> , Department of Mathematics and Statistics, Banaras Hindu University, Varanasi, India.

### Short-term Appointments

2002	<b>Visiting Professor</b> , Institute of Social Sciences, Lebanese University, Rabia Campus, Lebanon.
1998	<b>Consultant</b> , Ministry of Social Affairs, Government of Lebanon for UNFPA supported study <i>Current and Future Demographic Characteristics of the Lebanese Population</i> .
1991	<b>UN Consultant</b> , Programme Review and Strategy Development (PRSD) mission, Thimpu, Bhutan.
1988	<b>Visiting Professor</b> , Department of Demography and Population Studies, University of Kerala, Trivandrum.
1980	<b>Visiting Professor</b> , Department of Demography and Population Studies, University of Kerala, Trivandrum.

### Awards

- 1997 Recipient of PAA. Travel Award to participate in the 1997 **Annual Meeting of the Population Association of America** held in Washington, D.C., March 27-29, 1997.
- 1977 **Fulbright Fellowship of the East-West Population Institute**, East-West Center, Honolulu, Hawaii, U.S.A.
- 1969 **Senior Research Fellowship**, Demographic Research Centre (*Sponsored by the Population Council, New York, U.S.A.*), Department of Mathematics and Statistics. Banaras Hindu University, Varanasi, India.
- 1965 – 69 **Junior Research Fellowship**, Ministry of Education, Government of India, Department of Mathematics and Statistics, Banaras Hindu University, Varanasi, India

### AREAS OF RESEARCH

- i. Nuptiality and Fertility in the Arab Region.
- ii. Evaluation of Family Planning Programmes; Rapid Assessment of Family Planning Programme Impact.
- iii. Mathematical Demography; Population Mathematics; General Demographic Analysis; Measurement and Determinants of Fertility; Indirect Estimation Techniques; Migration and Urbanization; Evaluation and Adjustment of Demographic Data; Population Projections.
- iv. Multivariate Graphics and Applications.
- v. Stochastic Models and their Applications in Demographic (*Fertility, Mortality and Migration*) Analysis.
- vi. Women Studies (*Status of Women: Measurement and Determinants*).

### TEACHING AND RESEARCH EXPERIENCE: THIRTY FIVE YEARS

- A. **Doctoral Thesis:** *Human Fertility and Stochastic Models*
- B. **Publications:**  
a. Books ... .. **Three**  
b. Research Papers ... .. **Eighty** (*For details please see Annexure – I*)
- C. **Experience of Guiding Research at Ph.D. Level**  
Guided **Seven** research students for Ph.D. degree in Demography/Population Studies of the University of Bombay/IIPS.  
(*For details please see Annexure – II*)
- D. **Experience of Guiding Research at M.Phil/M.S. Level**  
Guided **Six** students for M.Phil. Thesis and **Twenty One** for M.S. Thesis in Population Studies of the International Institute for Population Sciences, Bombay/American University of Beirut.  
(*For details please see Annexure –III & IV*)
- E. **Experience of Guiding Post-Graduate Students for their Seminar/Research Papers**  
Number of Post-Graduate Students Guided: **Forty Two.**
- F. **Research Projects Completed During Last Fifteen Years**  
Number of Research Projects Completed: **Twenty**
- G. **Editorial Experience**  
Served as Technical Editor of **Demography India** (*Published by the Indian Association for the Study of Population*) from 1983-1985.

### EXPERIENCE IN LARGE SAMPLE SURVEYS

- i. Conducted a *Demographic Survey of Banaras Hindu University Employees* in September 1966.
- ii. Took active part in planning and execution of *Demographic Survey of Varanasi (Rural)* in 1969 conducted under the auspices of the Demographic Research Centre Banaras Hindu University
- iii. Developed the Schedule of *the Demographic Survey of Varanasi (Rural)* 1969.
- iv. Worked as one of the principal investigators of the study entitled *A Survey of Family Welfare Programme Inputs in Four Selected States of India* undertaken by the International Institute for Population Sciences, (IIPS) Bombay, with the financial assistance of the USAID (*Jointly with Dr. K. Srinivasan Dr. T.K. Roy and Dr. R.K. Verma*).

### EXPERIENCE IN ORGANIZING CONFERENCES / WORKSHOPS / SHORT-TERM COURSES

- i. Chairman, organizing committee, **International Conference on Population, Health and Environment in the Arab Region** held at the Faculty of Health Sciences, American University of Beirut, from May 29-30, 1997.
- ii. Coordinator, **Workshop on Population Problems Policies and Programmes in India** for senior officials of the Indian Statistical Service organized at the IIPS, Bombay from May 22-26, 1989. The training programme was sponsored by the Central Statistical Organisation, Government of India, New Delhi.
- iii. Programme Coordinator, **Short-Term Training Programme on Population and Human Resources Planning** for senior officials of the Government of the Democratic Republic of Afghanistan, from May 4 to June 28, 1983. The training programme was sponsored by the International Labour Organization (ILO) Turin.
- iv. Coordinator, **Workshop on Recent Advances in the Techniques for Demographic Analysis** organized by the Indian Association for the Study of Population at Bombay from November 2-6, 1982.

### EXPERIENCE IN DEVELOPING CURRICULA FOR MASTER'S AND M.PHIL PROGRAMMES IN POPULATION STUDIES

- i. Worked as a member-Secretary of the Committee for developing curriculum for M.PHIL degree in Population Studies of the IIPS, Bombay, in April – May 1986.
- ii. Worked as a member of the committee for developing curriculum for Master in Population Studies (M.P.S.) degree of the International Institute for Population Sciences Bombay, in April – May 1988.
- iii. Developed the Course Outline for the Compulsory Paper on Advanced Techniques for Demographic Analysis, prescribed for M.PHIL students of Population Studies of the IIPS, Bombay, in May 1988.
- iv. Developed the M.S. Program in Population Studies of the newly established Department of Population Studies of the American University of Beirut, Beirut, Lebanon in 1993 and chaired the department till 2000.

### VISITS ABROAD AND INTERNATIONAL CONFERENCES / MEETINGS ATTENDED

- xxi. Attended the *XXV International Population Conference* of the IUSSP held in **TOURS**, France, July 18-23, 2005.
- xx. Attended the International Conference on *Demographic Window and Healthy Ageing: Socioeconomic Challenges and Opportunities* held in Peking University, **BEIJING, CHINA**, May 10-11, 2004..
- xix. Attended the 2003 Annual Meeting of the *Population Association of America (PAA)* held in **MINNEAPOLIS**, Minnesota, U.S.A. from May 1-3, 2003.
- xviii. Attended the 2002 Annual Meeting of the *Population Association of America (PAA)* held in **ATLANTA, GA**, U.S.A. from May 9 - 11, 2002

- xvii. Participated in a two-day conference on “*Life in the Middle East: Social Change and Family Structure*”, held at the University of North Carolina, **CHAPEL HILL**, N.C., U.S.A. April 5-6, 2002.
- xvi.. Attended the 2001 Annual Meeting of the *Population Association of America (PAA)* held in **WASHINGTON, D.C.**, U.S.A. from March 29-31, 2001.
- xv. Attended the 2000 Annual Meeting of the *Population Association of America (PAA)* held in **LOS ANGELES**, U.S.A. from March 23-25, 2000.
- xiv. Spent six weeks at the International Institute for Applied Systems Analysis (IIASA), **LAXENBURG**, Austria to work on a research project titled Population Projections of Arab Countries, June 21, 1999 – August 7, 1999.
- xiii. Participated as a member of the Nuptiality Working Group (NWG) of the *Workshop on New Demography of the Arab Region*, held at the Social Research Center, American University in **CAIRO**, Egypt, July 26-29, 1998.
- xii. Attended the *XXIII International Population Conference* of the IUSSP held in **BEIJING**, China, October 11-17, 1997.
- xi. Served as Chairman of the evaluation committee for the project reports of the participants of the 4<sup>th</sup> Global Training Programme in Population and Sustainable Development conducted at the Cairo Demographic Centre, **CAIRO**, Egypt, June 29, 1997 to July 3, 1997.
- x. Attended the 1997 Annual Meeting of the *Population Association of America (PAA)* held in **Washington D.C.** (U.S.A.) from March 27, to 29, 1997.
- ix. Attended the *Sixth International Interdisciplinary Congress on Women* held in **ADELAIDE**, South Australia from April 21-26, 1996.
- viii. Attended the *Thirteenth World Congress of Sociology held in BIELEFELD*, Germany from July 18-23, 1994.
- vii. Participated in the workshops on “Population Simulation Models and Leading Indicators of Fertility Change” Organized under the USAID programme at the Research Triangle Institute, Park and Carolina Population Centre, University of North Carolina, Chapel Hill, **NORTH CAROLINA** from June 9 to 19, 1992.
- vi. Served as a member of the United Nations Programme Review and Strategy Development mission for Bhutan, **THIMPU**, Bhutan from September 26, 1991 to October 2, 1991 (Short-term UN Consultant).
- v. Participated in the *Workshops on Population Simulation Models* organized under the USAID programme at the Research Triangle Institute, **NORTH CAROLINA** from October 19 to 28, 1987 and at the Futures Group, **WASHINGTON, D.C.** (U.S.A.) from October 29, 1987 to November 3, 1987.
- iv. Attended the *UN Expert Group Meeting on Measuring the Social Impact of Population Trends and Development*, convened by the United Nations ESCAP, Bangkok and the Population Centre Foundation (PCF) of the Philippines at **MANILA**, The Philippines from 3-9 October 1978.
- iii. Attended the *Summer Seminar in Population* (organized by the East-West Population Institute, Honolulu) at the Korean Institute for Family Planning **SEOUL**, South Korea in July 1977.
- ii. Attended the *Eight Summer Seminar in Population* at the East-West Population Institute, **HONOLULU**, Hawaii (U.S.A.) in June – July 1977 and was a Discussant in the Session on Population Projections for Planning and Policy.
- i. Delivered a lecture on “Techniques of Sub-National Population Projections” at the Institute of Developing Economies, **TOKYO**, Japan in June 1977.

**MEMBERSHIP OF UNIVERSITY AND FACULTY COMMITTEES**

<b>A. <u>Faculty Committees</u></b>	<b><u>Period</u></b>	<b><u>Status</u></b>
Advisory Committee ... ..	(1994 – Present)	Member
Academic Committee ... ..	(1994 – Present)	Member
Group A Committees: Graduate Studies and Research ... ..	(1996 - 1998) (1999 – Present)	Chairman Member
Group B Committees: Student Affairs, Student Aid, Admissions, Library and Teaching Aids ... ..	(1995 – Present)	Member
Faculty of Health Sciences / Regional External Programs (REP) ... ..	(1997 – 98)	Coordinator

**MEMBERSHIP OF UNIVERSITY AND FACULTY COMMITTEES** (Cont'd)

<b>B. <u>University Committees</u></b>	<b><u>Period</u></b>	<b><u>Status</u></b>
University Research Board (URB) ... ..	(1996 – 1999)	Member
Board of Graduate Studies (BGS) ... ..	(1999 –2001)	Member – Secretary
University Senate ... ..	(1999 – 2002)	Member

**MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS**

- i. Member of the International Union for the Scientific Study of Population (IUSSP)
- ii. Member of the Population Association of America (PAA)
- iii. Life member of the Indian Association for the Study of Population (IASP)
- iv. Life member of the Indian Academy of Social Sciences (IASC)
- v. Life member of the Indian Society for Probability and Statistics (ISPS)
- vi. Life member of the Indian Science Congress (ISC) (Statistics Section)
- vii. Member of the Advisory Committee to Bombay Cancer Registry, Indian Cancer Society, Bombay
- viii. Member of the Board of Studies in Statistics of the Universities of Gorakhpur, Jammu and Cochin
- ix. Member of the Expert Committee of the University Grants Commission, India, for the award of the Junior Research Fellowships in Population Studies / Demography.

**REFERENCES**

**PROFESSOR M. J. HADDADIN**, Former Dean, Faculty of Health Sciences, American University of Beirut (AUB), Beirut, Lebanon. Now, Professor, Dept. of Chemistry, AUB, Beirut, Lebanon. E-mail: haddadin@aub.edu.lb

**PROFESSOR TIM DYSON**, Professor and Head Department of Social Policy and Administration, London School of Economics, Houghton Street, London WC 2A 2AE U.K. Fax #: 44 -171 955 6833.

**DR. ROBERT D. RETHERFORD**, Senior Fellow, Program in Population, The East-West Center, 1777 East-West Road, HONOLULU, Hawaii 96848 U.S.A. Fax #: 1-808-944-7490.

## ANNEXURE - I

### PUBLICATIONS

#### BOOKS PUBLISHED

- Ravi K. Verma, T.K. Roy and **P.C. Saxena** (1994) *Quality of Family Welfare Services and Care in Selected Indian States*, International Institute for Population Sciences, Bombay, 1994, 68 + xxii pp.
- P.C. Saxena** and P.P. Talwar (Eds.) (1987), *Recent Advances in the Techniques for Demographic Analysis*, Himalaya Publishing House, Bombay, 456 + xiv pp.
- K. Srinivasan, **P.C. Saxena** and Tara Kanitkar (Eds.) (1979), *Demographic and Socio-Economic Aspects of the Child in India*, Himalaya Publishing House, Bombay, 650 + xx pp.

#### PAPERS PUBLISHED

##### A. In United Nations Publications

- Saxena, P.C.** and B.H. Gogte (1993), "On Feeney's Method for Correcting Age Distributions for Heaping on Multiples of Five," Reproduced in Donald J. Bogue, Eduardo E. Arriaga and Douglas L. Anderson (Eds.), *Readings in Population Research Methodology*, Vol. I, Basic Tools, Published for the United Nations Population Fund by Social Development Center, Chicago, Illinois, USA, pp. 5.39 - 5.42.
- Saxena, P.C.** (1982) "Basic Composition of the Population", In *Population of India*, Country Monograph Series No. 10, United Nations, New York, Chapter IV, pp.66-90.
- Saxena, Prem C.** (2002) *Men and Women in the Arab Countries: Education*, United Nations Economic and Social Commission for Western Asia, Beirut. (Drafted its contents)

##### B. In Professional Journals (Refereed)

- Gaur Seema and **Prem C. Saxena** (2004) "Indian Migrant Workers in Lebanon and their Access to Health Care", *Asian and Pacific Migration Journal*, Vol. 13, No. 1, pp. 127-136.
- Saxena, Prem C.** Andrzej Kulczycki and Rozzet Jurdi (2004) "Nuptiality Transition and Marriage Squeeze in Lebanon- Consequences of Sixteen Years of Civil War, *Journal of Comparative Family Studies* (Special Issue on Turbulence in the Middle East), Vol. 35(2): 241-258.
- Jurdi, Rozzet and **Prem C. Saxena** (2003) "The Prevalence and Correlates of Consanguineous Marriages in Yemen: Similarities and Contrasts with other Arab Countries", *Journal of Biosocial Science*, Vol. 35(1): 1-13.
- Kulczycki, Andrzej and **Prem C. Saxena** (1999) "New Evidence on Fertility Transition Through Wartime in Lebanon", *GENUS*, 55 (3-4), pp. 131-152.
- Navaneetham, K. and **Prem C. Saxena** (1999) "Multivariate Graphical Methods for Characterizing Development: An Application of Chernoff-Type Faces", *Demography India*, Vol. 28(1): 111-122.
- Kulczycki, Andrzej and **Prem C. Saxena** (1998) "The Population, Environment, and Health Nexus: An Arab World Perspective", *Research in Human Capital Development*, Vol.12, pp.183-199.
- Saxena, Prem C.** and Dharendra Kumar (1997) "Mortality Risk and Differentials Among Pensioners After Retirement in the state of Maharashtra, India", *GENUS*, 53 (1-2), pp.113-128.
- Saxena, Prem C.** and Habbouba Y. Aoun (1997) "Women's Education, Economic Activity and Fertility: Relationship Re-examined", *Al-Abhath*, 45, pp.25-39.
- Srinivasan, K., **P. C. Saxena** and Arvind Pandey (1994) "Birth Order and Birth Interval Statistics: Use in Assessing Levels and Changes in Fertility", *The Journal of Family Welfare*, Vol. 40(1): 1-14.
- Saxena, P.C.** and K. Navaneetham (1993) "Comparison of Chernoff-type Faces and Non-graphical methods for Clustering Multivariate Observations", *Computational Statistics & Data Analysis*, (North-Holland-an Imprint of Elsevier Science Publishers BV) 15(1): 63-79.
- Pandey Arvind, S. Sreenivasan, **P.C. Saxena**, and C.M. Suchindran (1993), "Differentials in the Maternal Age at First and Last Births in Selected States of India", *Jansamkhya*, 11(2): 73-99.
- Srinivasan, K., **P. C. Saxena**, T.K. Roy, and R.K. Verma (1991) "Effect of Family Planning Program Inputs on Contraceptive Acceptance in India", *International Family Planning Perspectives*, 17(1): 14-24.

- Saxena, P. C.** and K. Navaneetham (1991) "The Effect of Cluster Size, Dimensionality and Number of Clusters on Recovery of True Cluster Structure through Chernoff-type Faces", *The Statistician*, (Now Series D of the *Journal of the Royal Statistical Society*), 40(4): 415-425.
- Saxena, P. C.** and D. Sahu (1991) "Population Trends, Migration Flows and Population Projections-Varanasi, Urban", *Journal of Scientific Research* Special Number (Platinum Jubilee of the Banaras Hindu University, 1991), pp. 133-148.
- Bhargava, P.K. and **P. C. Saxena** (1987) "Determinants of the Status of Women and Fertility in Greater Bombay", *The Indian Journal of Social Work*, 48(1): 71-81.
- Saxena, P. C.**, Verma, R.K. and A.K. Sharma (1986) "Errors in Age-Reporting in India: A Socio-Cultural and Psychological Explanation", *The Indian Journal of Social Work*, 47(2): 127-135.
- Saxena, P. C.** and B.H. Gogte (1985) "On Feeney's Method for Correcting Age Distribution for Heaping on Multiples of Five", *Asian and Pacific Census Forum*, East-West Population Institute, Honolulu, 11(3): 5-9.
- Pathak, K.B. and **P. C. Saxena** (1979) "On the Time Required for Attaining the Desired Size and Sex Composition of the Family", *Canadian Studies in Population*, 6:101-110.
- Saxena, P. C.** and K.B. Pathak (1977) "On a Distribution of Postpartum Amenorrhoea Period Following a Live Birth", *Demography-India*, 6(1&2): 174-181.
- Saxena, P. C.** (1977) "Breast-Feeding: Its Effects on Postpartum Amenorrhoea", *Social Biology*, 24(1): 45-51.
- Pathak, K.B., **P. C. Saxena** and C.V. Prasad (1976) "A Model for Studying Variation in Sex Proportion by Order of Births and Its Effects on Overall Sex Ratios", *Journal of Social and Economic Studies*, 4(2): 341-352.
- Saxena, P. C.** (1973) "On the Utilization of Stochastic a priori Information in Estimation", *Journal of the Indian Society of Agricultural Statistics*, 25(2): 77-80.
- Srivastava, S.C. and **P. C. Saxena** (1968) "The Relationship of Money Supply Output and Prices in Developing Economy - The Indian Case", *Indian Economic Journal*, 16(2): 249-255.
- Srivastava, S.C. and **P. C. Saxena** (1966) "Inter Sectoral Terms of Trade", *Eastern Economist*, 47: 713-714.
- Saxena, P. C.** (1966) "Some Observations Based on a Survey of Banaras Hindu University Students", *Prajna*, (B.H.U. Journal), 12(1): 91-102.
- C. Invited Papers / Chapters in Books (Refereed)**
- Faour, Muhammad, **Prem C. Saxena**, Hala Naufal and Abdul-Aziz Farah (2000), "Demographic Estimates and Projections", In *The Population of Lebanon*, Volume II of the Analytical Studies of Population and Housing Survey, Population and Development Strategies Programme, Ministry of Social Affairs, Government of the Republic of Lebanon, pp.6-39.
- Deeb, M., **Prem C. Saxena**, R. Khayat, and I. Nuwayhid (1997). "Demographic and Socio-economic Characteristics", In Mary Deeb (Ed.), *Beirut: A Health Profile 1984-1994*, American University of Beirut, Beirut, pp.41-87.
- Upadhyay, R.B. and **P. C. Saxena** (1997), "Relationship Between Migration and Development in Uttar Pradesh", In Kamla Gupta and Arvind Pandey (Eds.) *Population and Development in Uttar Pradesh*, B.R. Publishing Corporation, Delhi, pp. 449-464.
- Unisa, Sayeed, **P. C. Saxena**, and P.K. Bhargava (1997) "Differentials in Age at Marriage in Two Selected Villages of Eastern and Western Uttar Pradesh", In Kamla Gupta and Arvind Pandey (Eds.) *Population and Development in Uttar Pradesh*, B.R. Publishing Corporation, Delhi, pp.185-198.
- Saxena P. C.** (1990) "Catering to Swelling Numbers", Invited article for *Wake Up Bombay* Series III, *Indian Express*, Bombay, April 1, 1990, p.1 and p.3.
- Premi Mahendra K. and **Prem C. Saxena** (1990) "Population Dynamics of India", *National Source Book on Population Education*, National Council of Educational Research and Training (NCERT), New Delhi, pp.41-113.
- Saxena, P. C.**, Kumar, Dharendra and K. Navaneetham (1989) "Language as a Pull Factor for Migration to Major Cities in India", In K. Srinivasan and K.B. Pathak (Eds.) *Dynamics of Population and Family Welfare*, 1989, Himalaya Publishing House, Bombay, pp.174-187.
- Saxena P. C.** (1989) "The Role of Demographic Data in Monitoring Status of Women and Recent Fertility Transition", In Ashish Bose and P.B. Desai (Eds.) *Population Planning in India*, B.R. Publishing Corporation, Delhi, pp. 116-119.
- Saxena, P. C.** (1989) "Teaching and Research in Demography", In S. N. Singh, M. K. Premi, P. S. Bhatia and Ashish Bose (Eds.) *Population Transition in India*, B.R. Publishing Corporation, Delhi, Vol.2, pp. 25-35.

- Antony, T.V., Srinivasan, K. and **P. C. Saxena** (1989) "Case Studies of Population Policies and Programmes in India", In Gayl Ness & Ellen Sattar (Eds.) *Strategic Management of Population Programmes*, International Council on the Management of Population Programmes (ICOMP), Management Contributions to Population Programmes, Series Vol.VII, Kuala Lumpur, Malaysia, Chapter 15, pp.219-256.
- Bhargava, P.K. and **P. C. Saxena** (1987) "Closed and Open Birth Intervals and Estimation of Parity Progression Ratios for Working and Non-working Women in Greater Bombay", In K. Srinivasan and S. Mukerji (Eds.) *Dynamics of Population and Family Welfare*, 1987, Himalaya Publishing House, Bombay, pp. 517-529.
- Saxena P. C.** and B.H. Gogte (1987) "Hierarchical Clustering Schemes: Technical Details with Illustrations", In P.C. Saxena and P.P. Talwar (Eds.) *Recent Advances in the Techniques for Demographic Analysis*, Himalaya Publishing House, Bombay, 1987, pp. 388-425.
- Saxena P. C.** (1987) "Graphical Methods for Exploratory Data Analysis of Multivariate Observations", In P.C. Saxena and P.P. Talwar (Eds.) *Recent Advances in the Techniques for Demographic Analysis*, Himalaya Publishing House, Bombay, 1987, P P . 2 9 3 - 3 1 5 .
- Bhargava, P.K. and **P. C. Saxena** (1985) "Female Work Participation and Age at Marriage in an Urban Setting", In K. Srinivasan and S. Mukerji (Eds.) *Dynamics of Population and Family Welfare*, 1987, Himalaya Publishing House, Bombay, pp. 264-277.
- Saxena, P. C.** (1983) "Use of Faces as an Iconic Display for Multivariate Data in Regional Analysis", In K. Srinivasan and S. Mukerji (Eds.) *Dynamics of Population and Family Welfare*, 1983, Himalaya Publishing House, Bombay, pp. 3-28.
- Saxena, P. C.** (1983) "Mortality and Health Situation in India", Invited paper for the source book on *Population Education*, National Institute of Educational Planning and Administration, New Delhi.
- Pathak, K.B., **P. C. Saxena**, S. Vijayam, and R. Prasad (1979) "Projections of Orphan Children in India 1971-1991", In K. Srinivasan, P.C. Saxena and Tara Kanitkar (Eds.) *Demographic and Socio-Economic Aspects of the Child in India*, Himalaya Publishing House, Bombay, 1979, pp. 533-538 + pp. 654-662.
- Pathak, K.B., and **P. C. Saxena** (1979) "Size, Growth and Basic Composition of the Child Population in India", In K.Srinivasan, P.C. Saxena and Tara Kanitkar (Eds.) *Demographic and Socio-Economic Aspects of the Child in India*, Himalaya Publishing House, Bombay, 1979, pp. 29-50 + pp. 613-623.
- Srinivasan, K., **P. C. Saxena**, and T. Kanitkar (1979) "Overview" In K. Srinivasan, P.C. Saxena and Tara Kanitkar (Eds.) *Demographic and Socio-Economic Aspects of the Child in India*, Himalaya Publishing House, Bombay, 1979, pp.1-25.
- Saxena, P. C.** and A.K. Sharma (1979) "Some Comments and Modifications on Arriaga's New Approach to the Measurements of Urbanisation", In K. Srinivasan and S. Mukerji (Eds.) *Dynamics of Population and Family Welfare*, Himalaya Publishing House, Bombay, pp. 136-149.
- Saxena, P. C.** and A.K. Sharma (1976) "Population Projections for Cities of Maharashtra (1971-2001)", *News letter*, No.55, IIPS Bombay, November 1976, pp. 10-14.
- Saxena, P. C.** and A.K. Sharma (1976) "Projections of Rural and Urban Population of Districts of Maharashtra (1971-2001)", *News Letter*, No. 52, IIPS Bombay, January 1976, pp.3-7.
- Saxena, P. C.** (1974) "Population Projections" (A review of researches on the subject undertaken at IIPS). In Asha Bhende, Tara Kanitkar and G. Rama Rao (Eds.) *Teaching and Research in Population Studies: Seventeen Years of IIPS*, International Institute for Population Studies, Bombay, pp. 172-181.

C. **In Proceedings of the Conferences / Seminars** (Published as full-length papers or as abstracts)

- Gaur Seema and **Prem C. Saxena** (2005) "Networks Perpetuating Labour Migration from India to Lebanon: A Comparative Study, States of Punjab and Tamil Nadu", Paper Presented at the Formal Session No. 14: International Migration and Networks of the XXV International Population Conference of the IUSSP held at Tours, France, from July 18-23, 2005..
- Gaur Seema and **Prem C. Saxena** (2003) "Indian Migrant Laborers in Lebanon: A Struggle for Survival", Paper Presented at the *Workshop on Migration and Health in Asia* organized by the Asian MetaCentre for Population and Sustainable Development Analysis, Singapore at Bintan, Indonesia from September 22-24, 2003.
- Gaur Seema and **Prem C. Saxena** (2003) "Remittance Debate Revisited: New Evidence from Indian Migrant Laborers in Lebanon", Paper presented in the *3<sup>rd</sup> Conference of the International Convention of Asia Scholars (ICAS3)* jointly organized by the Faculty of Arts and Social Sciences and the Asia Research Institute of the National University of Singapore at Singapore from August 19-22, 2003.

- Saxena, Prem C.**, Andrzej Kulczycki and Rozzet Jurdi (2003) “Nuptiality Transition and Marriage Squeeze in Lebanon -- Consequences of Sixteen Years of Civil War” Paper presented in Poster Session (P-2) of the **2003 Annual Meeting of the Population Association of America** held in Minneapolis, Minnesota, U.S.A., May 1-3, 2003.
- Basma, H. Shiraz, **Prem C. Saxena** and Amal Kodeih (2002) “Divorce Trends among Muslims in Lebanon – Consequences of 16 Years of Civil War”, Paper presented in Poster Session (P-2) of the **2002 Annual Meeting of the Population Association of America** held in Atlanta, GA, U.S.A., May 9-11, 2002.
- Aboumrad, J. Talal and **Prem C. Saxena** (2002) “Family Ethnicity and Patient Autonomy”, Paper presented in Poster Session (P-5) of the **2002 Annual Meeting of the Population Association of America** held in Atlanta, GA, May 9-11, 2002.
- Merhi, Mirvat and **Prem C. Saxena** (2002) “Type of Female Circumcision and Fertility Transition among Sudanese Women – A Study Based on Cohort and Period Parity Progression Ratios” Paper presented in Poster Session (P-1) of the **2001 Annual Meeting of the Population Association of America** held in Washington D.C., March 29-31, 2001.
- Navaneetham, Kannan and **Prem C. Saxena** (1997) “Iconic Displays for Exploratory Analysis of Multidimensional Population Data: Some Applications of Chernoff-type Faces”, Paper presented at the Formal Session No. 23: Advances in Methods for the Analysis of Demographic Data of the **XXIII International Population Conference of the IUSSP** held in **Beijing**, China, October 11-17, 1997.
- Deeb, Mary E., Rita G. Khayat and **Prem C. Saxena** (1997) “Some Problems in the Measurement of Change Through Longitudinal Studies: Examples from Beirut Surveys 1984 and 1994”, Paper presented at the Formal Session No.24: Longitudinal Studies in Demography of the **XIII International Population Conference of the IUSSP** held in **Beijing**, China, October 11-17, 1997.
- Saxena, Prem C.** and Imad Al El-Eter (1997) “A Comparative Study of Factors Affecting Contraceptive Use and Method Choice in Selected Arab Countries”, Proceedings of the “**International Conference on Population, Health and Environment in the Arab Region**”, American University of Beirut, Beirut, May 29-30, 1997.
- Navaneetham, Kannan and **Prem C. Saxena** (1977). “Levels, Trends and Differentials of Fertility and Mortality in Lebanon: Evidence from the 1996 Population and Housing Survey”. **Proceedings of the International Conference on Population Health and Environment in the Arab Region**, American University of Beirut, Beirut, May 29-30, 1997
- Saxena, Prem C.** Mary Deeb and Nadine Melhem (1997) “Fertility Transition During Wartime in Beirut: Analysis of Birth Interval Statistics Based on Two Household Surveys 1983 and 1992”, **Proceedings of the Population Association of America, 1997 Annual Meeting**, Washington, D.C. March 27-29, 1997, pp.156-157.
- Saxena, Prem C.** and Habbouba Y. Aoun (1996). “Maternal Role Incompatibility and Fertility: The Hypothesis Re-Examined” (A study based on Lebanese community). **Proceedings of the VI International Interdisciplinary Congress on Women**, University of Adelaide, Australia April 21-26, 1996. (ISBN No. 0863962912).
- Saxena, Prem C.** and Dharendra Kumar (1994). “Mortality Risk and Differentials Among Pensioners after Superannuation in Maharashtra, India” **Proceedings of the XIII World Congress of Sociology**, University of Bielefeld, Bielefeld, Germany, from July 18-23, 1994. (Abstract No. 94S29478).
- Saxena, P. C.** and A. Pandey (1990) “Status of Women - the Concept and a Measure Based on Gender Inequality”, **Proceedings of the All India Seminar on the Status of Women and Demographic Change in India**, International Institute for Population Sciences, Deonar, Bombay, October 11-13, 1990.
- Saxena, P. C.** (1989) “Assessment of the Impact of Programme Inputs on Contraceptive Acceptance at PHC Level in Maharashtra”. **Proceedings of the National Seminar on Factors Affecting PHC Performance** Organised by the Field Unit of IPP IV and Directorate of Health Services, Government of Karnataka at the University of Gulbarga, January 1990.
- Pandey, A. and **P. C. Saxena** (1989) “Internal Migration in Different States of India”, **Proceedings of the XXI International Population Conference** of the IUSSP, held at New Delhi from September, 20-27, 1989.
- Rao Chandrasekhar, D.V. and **P. C. Saxena** (1987) “Hazard Models and their Applications in Demography - A Review”, **Proceedings of the VIII Annual Conference of the Indian Society for Probability and Statistics**, Shivaji University, Kolhapur, November 10-13, 1986.

- Saxena, P. C.** and K. Navaneetham (1987) "Validation of Chernoff Faces as a Clustering Algorithm", Proceedings of the *VIII Annual Conference of the Indian Society for Probability and Statistics*, Shivaji University, Kolhapur, November 10-13, 1986, pp. 179-193.
- Saxena, P. C.** and K. Navaneetham (1986) "On Clustering with F & R Type Faces", *Proceedings of the International Conference on Advances in Multivariate Statistical Analysis*, Indian Statistical Institute, Calcutta, December 16-21, 1985.
- Saxena, P. C.** (1985) "Use of Asymmetrical Faces in Paired Comparison of Multivariate Observations", *Proceedings of the 72nd Session of the Indian Science Congress* held at Lucknow, January 3-8, 1985.
- Narain, V. and **P. C. Saxena** (1980) "Projections of Urban and Rural Population of Maharashtra by Sex and Age: 1971-1991", *Proceedings of the Seminar on Urbanisation in Maharashtra in 2001 A.D.* Panel on Futurology, Government of Maharashtra, January 15, 1980.
- Rele, J.R. and **P. C. Saxena** (1975) "Some Alternative Techniques of Sub-National Population Projections: An Evaluation and Some Suggestions", *Proceedings of the Expert Group Meeting on Population Projections*, Economic and Social Commission for Asia and the Pacific, Bangkok, 30 September - 6 October, 1975, Discussion Paper No. 14.
- Kalyanasundaram, K. and **P. C. Saxena** (1975) "On Classification of Metropolises of India (1961) Through Mahalanobis Distance Approach", *Proceedings of the Statistics Section of the 62nd Session of the Indian Science Congress*, January 3-7, 1975, New Delhi.
- Singh, S.N. and **P. C. Saxena**, and B.N. Bhattachary (1972) "Some Observations on Trends in Fecundability", *Proceedings of the Centenary Conference on Indian Census* held at New Delhi in 1972.
- Sinha, S.M. and **P. C. Saxena** (1971) "Operations Research in Population Planning", *Proceedings of the All-India Seminar in Statistics and Demography*. Banaras Hindu University, Varanasi, March 21-25, 1969.
- Saxena, P. C.** (1969) "Lactation and Postpartum Amenorrhoea", *Proceedings of the All-India Seminar on Models in Demographic Analysis*, February 17-19, 1969, Demographic Training and Research Centre, Chembur, Bombay.
- Saxena, P. C.** (1966) "Some Observations on Post Partum Amenorrhoea", *Seminar Volume in Statistics*, Banaras Hindu University, Varanasi, pp. 91-102.

#### **E. Project Reports and Working Papers**

- Srinivasan, K., **P.C. Saxena**, T.K.Roy, and R.K. Verma (1989) *Assessment of the Impact of Family Planning Program Inputs on Contraceptive Use in India - A Study Based on Data Collected from Primary Health Centres in Four States*, Project Report, IIPS, Bombay.
- Bhargava, P.K. and **P.C. Saxena** (1988) *A Quantitative Assessment of the Effect of Female Education and Labour Force Participation on Fertility - A Multivariate Statistical Analysis*, Project Report, IIPS, Bombay.
- Saxena, P.C.** and A. Bhende Asha (1987) *Mid-term Evaluation of the ILO/UNFPA Sponsored Family Welfare Education Project Implemented by the Maharashtra Labour Welfare Board*, Project Report, IIPS, Bombay.
- Bhargava, P.K. and **P.C. Saxena** (1986) "*Women Education, Economic Activity and Fertility: Analytical Framework and Conceptual Model*". International Institute for Population Sciences, Bombay, India.
- Bhargava, P.K., **P.C. Saxena** (1986) "*Female Work Participation: Its Effects on Fertility in Relation to Other Socio-Economic and Demographic Characteristics*". International Institute for Population Sciences, Bombay, India.
- Bhargava, P.K. and **P.C. Saxena** (1986) "*Women's Work Participation and Maternal Role Incompatibility*". International Institute for Population Sciences, Bombay, India.
- Saxena, P.C.** and K. Navaneetham (1986) "*On Recovering Hierarchical Cluster Structure Through Chernoff Faces*". International Institute for Population Sciences, Bombay, India.
- Saxena, P.C.** and K. Navaneetham (1985) "*On Characterizing Socio-Economic and Demographic Changes in 15 major States of India During 1971-81*". International Institute for Population Sciences, Bombay, India.

#### **F. Paper(s) Submitted for Publication (Under Review)**

- Saxena, Prem C.** and Rozzet Jurdi. "*Impact of Proximate Determinants on the Recent Fertility Transition in Yemen*"
- Khayat Rita, G. and **Prem C. Saxena** "*Consanguinity and Its Effect on Infant and Child Mortality and Fertility in Egypt*".

Naufal, Hala, Tania Faour and Prem C. Saxena “*Did Civil War in Lebanon Leave a Scar on Country’s Mortality Pattern*”

**G. Papers Under Preparation/ Revision**

Basma, Shiraz, Saxena, Prem C. and Amal Kodeih. “*Trend in Divorce Among Muslims in Lebanon, 1984-1994 – Consequences of Sixteen Years of Civil War*”

Goujon, Anne and Prem C. Saxena, “*Population Prospects for Lebanon: Integrating Education With Demographic Dimensions*”.

Seema Gaur and Prem C. Saxena. “*Remittance Debate Revisited: Fresh Evidence from Indian Migrant Labourers in Lebanon*”.

Seema Gaur and Prem C. Saxena. “*Determinants of Remittances :Evidence from Indian Migrant Laborers in Lebanon*”

**A N N E X U R E - I I**

**LIST OF STUDENTS GUIDED FOR Ph.D. DEGREE IN DEMOGRAPHY / POPULATION STUDIES**

<b>Name of the Student</b>	<b>University &amp; Date of Registration</b>	<b>Topic of Thesis</b>	<b>Date of Submission</b>	<b>Year of Award of Degree</b>
<b>Mr. Razaul Karim</b>	Universe of Bombay April 1983	<b>Levels and Differentials in Fertility Among Slum-Dwellers of Dhaka City</b>	December 1985	1986
<b>Mr. P.K. Bhargava</b>	University of Bombay October 1982	<b>Education, Economic Activity and Marital Fertility - A Study of Working and Non-Working Women in Greater Bombay</b>	December 1986	1987
<b>Ms. Sayeed Unisa</b>	IIPS, Bombay July 1987	<b>An Analytical Approach to Study Educational Progress in India</b>	September 1991	1992
<b>Mr. Dhirendra Kumar</b>	IIP, Bombay August 1988	<b>Mortality Risk and Differentials Among Pensioners After Superannuation: A Study Based on Pension Payment Orders</b>	December 1992	1993
<b>Mr.R.B. Upadhyay</b>	IIPS, Bombay July 1989	<b>Migration and Development: Relationship Re-examined (A Study of Eastern Uttar Pradesh)</b>	December 1993	1994
<b>Mr. K. Navaneetham</b>	University of Bombay August 1984	<b>Statistical Graphics for the Analysis of Data of Multivariate Observations: Some Theoretical Issues and Demographic Applications</b>	February 1994	1994

**Ph. D. Student at AUB**

<b>Name of the Student</b>	<b>University &amp; Date of Registration</b>	<b>Topic of Thesis</b>	<b>Date of Submission</b>	<b>Year of Award of the Degree</b>
<b>Ms. Seema Gaur</b> <i>Associate</i> Dept. of Population Studies American Univ. of Beirut 1997 - 1998	IIPS, Bombay July 1995	<b>Indian Migrant Labour in Lebanon: Factors Affecting Migration Decisions, Remittances and Expenditure Patterns</b> <i>(A comparative study of migrants from Punjab and Tamil Nadu)</i>	Defended & Submitted the Ph.D. Thesis on October 31, 2002	2003

**ANNEXURE - III**

**LIST OF STUDENTS GUIDED FOR M.PHIL THESIS  
IN DEMOGRAPHY / POPULATION STUDIES OF THE INTERNATIONAL INSTITUTE  
FOR POPULATION SCIENCES, BOMBAY, INDIA**

<b>Name of the Student</b>	<b>Date of Registration (Month &amp; Year)</b>	<b>Topic of Thesis</b>	<b>Date of Submission</b>	<b>Year of Award of Degree</b>
<b>Ms. Sayeed Unisa</b>	July 1986	<b>Quality of Different Management Schools in Hyderabad District</b>	March 1987	April 1987
<b>Mr. N.K. Tyagi</b>	August 1987	<b>Maternal Determinants of Birth Weight - A Multivariate Statistical Analysis</b>	March 1988	April 1988
<b>Mr. Arul Raj</b>	August 1986	<b>Baptism, Marriages and Burials Among Roman Catholics of Suranam - A Study Based on Analysis of Ecclesiastical Records (1928-1987)</b>	March 1989	April 1989
<b>Mr. Dhirendra Kumar</b>	August 1988	<b>Estimation of Age-Specific Fecundability, Secondary Sterility and Parity Progression Ratios in Bharatpur District of Rajasthan - An Analysis of Birth Intervals</b>	April 1989	May 1989
<b>Mr. Samuel C-J. Otor</b>	July 1987	<b>Menarche, Marriage and First Conceptive Delays Among Sudanese Women - A Study Based on WFS Data</b>	September 1989	May 1990
<b>Ms. Sharifa Begum</b>	August 1989	<b>Status of Women &amp; Fertility in Rural Bangladesh</b>	April 1990	May 1990

ANNEXURE – IV

LIST OF STUDENTS SUPERVISED FOR MASTERS THESIS IN POPULATION STUDIES  
OF THE AMERICAN UNIVERSITY OF BEIRUT

Name of Student	Topic of Thesis	Year of Award
Ms. Habbouba Y. Aoun	Women's Economic Activity, Maternal Role Incompatibility and Fertility in a Lebanese Community	1995
Ms. Nadine John Baltaji	A Comparative Study of Socio-economic and Demographic Characteristics of Female-headed Households in Rural and Urban Sudan - A Study Based on Sudan DHS Data	1997
Ms. Alicia Obeyed	Determinants of Perinatal Mortality at the American University of Beirut Medical Center During 1995	1997
Ms. Nadine Ali Halawi	Contraceptive Use Dynamics in a Shiite Population, South Lebanon	1997
Ms. Randa Ussama El-Hoss	Trends, Differentials and Patterns in Age at First Marriage of Males and Females in Lebanon	1998
Ms. Rana Issa Srouji	Recent Fertility Transition in Egypt: Evidence Based on Birth Interval Statistics and Parity Progression Ratios	1999
Ms. Rana Hassan Ismail	Quality of Life of Epilepsy Patients After Surgery in Lebanon - A Study Based on Data Collected From the Epilepsy Program at the American University of Beirut – Medical Center (AUB-MC)	1999
Ms. Rola Chabaklo	Characteristics of the Lebanese Labor Force, 1972-2000 (With Special Reference to Employment)	2000
Mr. Talal Joseph Abumrad	Understanding the Attitudes of Beirut Adults Towards Patient Autonomy	2001
Ms. Tania Ali Faour	Women's Empowerment in Lebanon: Proxies, Settings and Challenges	2001
Ms. Amal Abu Rafah	Correlates of Bone Mineral Density in Lebanese Patients: A Study at a Tertiary Referral Center (AUBMC), 1999	2001
Ms. Rozzet Amin Jurdi	Female Age at First Marriage in Yemen : A Study of Trends, Patterns, Determinants and Preferences	2002
Mr. Kassem H. El-Saddik	Fertility Trends and Differentials in Yemen 1997	2002
Ms. Mirvat Merhi	Are Female Circumcision and its Different Types Associated with Fertility? A Study Based on the Analysis of Birth Intervals and Parity Progression Ratios	2002
Ms. Tina M. Baramakian	Contraceptive Prevalence and Determinants in South Lebanon	2002
Ms. Naela Haddad	Female Labour Force Participation in Selected Arab Countries: Patterns, Trends And Factors Influencing them – The Case of Egypt, Syria and Tunisia	2002
Ms. Neda Jafar	A Decade of Change in Contraceptive Behaviour in Egypt, 1988-1998	2002
Ms. Rana Abdul Malak	Fertility Preferences and Unmet Need in Rural South Lebanon	2002
Ms. Rania Tfaily	The Proximate Determinants of Fertility in Egypt and Morocco	2002
Ms. Aya El-Barq	Palestinian Refugees in Lebanon: Child Labor, Schooling and School Dropouts	2003
Mr. Ramzi Sarieddine	Factors Associated with Pregnancy and Delivery Complications: A Study of Caesarean Section Deliveries at AUBMC	2003



Prem Chandra Saxena is on Facebook. Join Facebook to connect with Prem Chandra Saxena and others you may know. Facebook gives people the power to share Semantic Scholar profile for Prem Chandra Saxena, with fewer than 50 highly influential citations.Â Pinaki Chakraborty, Prem Chandra Saxena, Chittaranjan Padmanabha Katti, Gauri Pahwa, Taneja Shweta. Comp. Applic. in Engineering Education. Prof. Lokesh Chandra (born 11 April 1927) is a prominent scholar of the Vedic period, Buddhism and the Indian arts. He was the president of Indian Council for Cultural Relations during 2014-2017. He is also the Director of the International Academy of Indian Culture. He has also served as a member of the Indian Rajya Sabha, Vice-President of the Indian Council for Cultural Relations, and Chairman of the Indian Council of Historical Research. In 2006 he was recognized with India's Padma Bhushan award.