

## BIO-DATA (Long-Format)

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**II.** Designation : Assistant Professor  
**III.** Department : Economics  
**IV.** Date of Birth : 03.09.1967  
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**VI** Areas of Specialization: Money & Banking, Applied  
Economics & Operations  
Research

### VII. Academic Qualifications:

Class	Year	School/ University	Division	Subjects
Matriculation	1983	P.S.E.B.	First	English, Punjabi, Hindi. Mathematics, Science, SST. Drawing
Prep (Arts)	1985	Punjabi University, Patiala	First	English, Mathematics, Economics, Punjabi
B.A. (Hons) School in Economics	1988	Punjabi University, Patiala	First	Economic Honours
M.A. Eco.	1990	Punjabi University, Patiala	First	Micro, Macro, Statistics, Econometrics, Indian Economy, Political Economy
MPhil. Eco.	1992	Punjabi University, Patiala	First	Regional Economics Quantitative Techniques, Mathematical Economics
Ph.D. Eco.	2005	Punjabi University, Patiala	Awarded	An analysis of Banking Sector Efficiency in India

### VIII. Medals/Awards/Honours & Scholarships/Received:

- 1990 - University Merit Certificate, Gold Medal for standing first in Economics III, Roll of Honour for standing first consecutively 3 years in Honours School in Economics at University level, Punjabi University, Patiala

- 1989 - U.G.C Scholarship during M.A. Economics
- 1988 - Merit Certificate and Merit Scholarship in Honours School In Economics III
- 1987 - Merit Certificate and Merit Scholarship in Honours School In Economics II
- 1986 - Merit Certificate and Merit Scholarship in Honours School In Economics I
- 1985- Merit Certificate for standing first in Prep (Arts), Government Mohindra College, Patiala

**IX. Membership of Professional Bodies/Organizations:**

- i) Life member of The Indian Economic Association (IEA)
- ii) Life member of the Indian Econometric Society (TIES)
- iii) Life member of Indian Political Economy Association

**X. Details of Experience:**

<b>S. No.</b>	<b>Name of the Inst./Employer</b>	<b>Position Held</b>	<b>Duration</b>	<b>Major Job Responsibilities and Nature of Experience</b>
1.	Yadvindra Public School, Patiala.	Teacher of Math. & Economics	May 1992 to March 1996	Teaching and Extra Activities
2.	M.M. Modi College, Patiala.	Lecturer in Economics	August 1996 to March 2003	Teaching and Research
3.	Punjabi University, Patiala.	Lecturer in Economics (Guest Faculty) in Economics Department	January 2005 to December 2005	Teaching and Research
4.	Punjabi University, Patiala.	Lecturer in Economics (Adhoc) in Economics Department	2 <sup>nd</sup> January 2006 to September 2009	Teaching and Research
5.	Punjabi University, Patiala	Assit.Professor in Economics (Regular)	11 <sup>th</sup> September 2009 to till date	Teaching and Research

**XI. Published Work (Please specify numbers only):**

1. Research Papers i) National = 15  
ii) International = 03
2. Conference/Seminar Presentation : 20
3. Books
1. Original : 01
2. Joint Author : 03

**XII. R & D Projects: District Human Development Report, Sangrur Funded by UNDP, January, 2010 submitted and published by Planning Commission of Punjab**

**XII. Ph.D. Students under guidance 07**

**XIII. M.Phil. Students Guided: 06**

**XIV. List of Papers/Courses taught at P.G. and U.G. Level**

S. No.	Paper	Class
1.	Public Economics/Math's.	B.Sc. II Honors in Economics
2.	Punjab Economy/Current Issues in Global Economy	B.Sc. III Honors in Economics
3.	Industrial Organization/Operations Research	M.B.E. Part-I
4.	Marketing Planning & Strategy	M.B.E. Part-II
5.	Money & Banking/Political Economy of Development/Theory of Statistics	M.A. Part-II
6.	Research Methodology and Techniques of Statistics	M.Com. Part-I
7.	Management Science/Operations Mgt.	MBA. Part-I

**XV. List of Books / Papers Published:**

**Book: 1. "Banking Sector Efficiency in a Globalised Economy", published by Deep & Deep Pvt. Ltd., New Delhi-2006.**

**2. Business Statistics for B.COM I**

**3. Business Mathematics for B.COM II**

**4. Quantitative Techniques for B.COM II (Professional)**

**Research Papers Published:**

1. "Spatial And Temporal Variations In Agricultural Development Of Punjab", published in Research Journal of the Indian Institute of Economic Research, VARTA, Vol. XV and XVI, Oct, 1994-95, No. 1,2,pp,1-6.
2. "Socio Economics Dynamics Of Crime In India", published in Journal of IEA and presented at 83<sup>rd</sup> Annual Conference of *IEA*, held at Jammu University, Jammu 2001,pp.63-73.
3. "Efficiency Analysis: The Case of Indian Banking Industry", published in the Indian Economic Journal Vol. 52, No. 3, 4 October 2004-March 2005, pp.133-139.
4. "Analysis of Input-Specific Efficiency in the Indian Banking Industry", in the book "Economic Reforms in India", edited by R.K. Uppel Published New Century Publications, 2005, pp. 136-148.
5. "Liberalization and Efficiency: The Case of Indian Banking", published in Indian Management Studies Journal, Vol. 10, No.1 April 2006, pp. 77-96.

6. "Intellectual Property Rights and Technology Development; The Case of Software Industry", published in the Journal of IMT, PARADIGM, Ghaziabad, Jan-June, 2005, Vol. IX, No.1, pp.71-77.
7. "Ecological Implications of Model of Agriculture Development", published in the Journal of Contemporary Asia and Europe, Vol.1, No.2 July-December, 2007, pp.167-181.
8. "Technical and Allocation Efficiency Analysis in Business: The Case of Indian Banking", published in International Conference Volume Business and Technology (ICBT-2008) held on 5-6 April 2008, Iqra University, Islamabad, Pakistan.
9. "Service Sector Dynamics in India: Leontief Approach", published in 89<sup>th</sup> Annual Conference Vol. of IEA 2006, pp.786-794.
10. "Impact of New Policy Regime on Employment: The Case of BPO Sector in India", published in the Journal of Contemporary Asia and Europe, Vol.3, No.1-2 Jan-December, 2009, pp.49-69.
11. "Spatial Patterns in National Intellectual Capital Index of Selected Countries" published in 92<sup>nd</sup> Annual Conference Vol. I, Part-I of IEA December (27-29), 2009, 771-781.

#### **XVI. Abstract Papers Published:**

1. "Social Postulates in Mahalanobis Model", published in 82<sup>nd</sup> Annual Conference Volume of Indian Economic Association, 2000, p. 533.
2. "Modeling Consumption Vector as an Instrument for Maximal Balanced Growth", published in 37<sup>th</sup> Annual Conference Volume of the Indian Econometric Society, 2001, p. 61.
3. "An Economic Evaluation of VRS in Relation to Banking Efficiency in India", published in 84<sup>th</sup> Annual Conference of Indian Economic Association 2002, pp. 644-45.
4. "River Interlinking: A Case Study of Punjab", published 87<sup>th</sup> Annual Conference Volume of Indian Economic Journal, 2004, pp. 607-08.
5. "Modeling Productivity Measurement for Decision Making", published in 86<sup>th</sup> Annual Conference Volume of Indian Economic Association, 2003, pp. 1150.
6. "Tertiarization of Production Structure: The Case of Indian Economy", published in Pre-Seminar Volume, March 2006 by the Department of Economics, Kurukshetra University, Kurukshetra, pp. 15.
7. "Copyrights and Dynamics of Piracy", published in Volume of National Seminar Copyrights: Emerging Issues in India, March 2006, pp. 20 by Thapar University, Patiala.
8. "Constraints of Institutional Credit", published in 90<sup>th</sup> Annual Conference Volume of Indian Economic Association 2007, pp. 676-677.

#### **XVII. Conference/Workshops and National Seminars Attended and Papers Presented:**

1. 36<sup>th</sup> Annual Conference at the Indian Econometric Society held at Gujarat University, Surat, (November 2001).
2. 37<sup>th</sup> Annual Conference at the Indian Econometric Society held at D.A. University, Indore, (2002).
3. 80<sup>th</sup> Annual Conference of Indian Economic Association held at Karnataka University, Bangalore (1998).
4. 81<sup>st</sup> Annual Conference of Indian Economic Association held at GNDU, Amritsar (Dec. 27-29, 1999).

5. 86<sup>th</sup> Annual Conference of Indian Economic Association held at Shivaji University, Kolhapur (December 29-31, 2003).
6. 87<sup>th</sup> Annual Conference of Indian Economic Association held at BHU, Varanasi (December 21-23, 2004).
7. 88<sup>th</sup> Annual Conference of Indian Economic Association held at Andhra University, Vishakhapatnam (December 27-29, 2005).
8. 89<sup>th</sup> Annual Conference of Indian Economic Association held at Kurukshetra University, Kurukshetra (December 27-29, 2006).
9. Business Information Management Conference held at IMT, Ghaziabad (April 9-10, 2005).
10. National Seminar on Copyrights: Emerging Issues in India held at Thapar University, Patiala (March 25, 2006).
11. National Seminar on Growth, Trade and Environment held at Kurushetra University, Kurushetra (March 3-4, 2006).
12. National Workshop on IPRs and Development of Science and Technology organized by National Institute of Technology, Kurushetra (November 30, December 1, 2007).
13. Workshop on UNDP (Punjab) organized by Department of Economics (February 22-23, 2006).
14. Seminar on Cooperative Movement in Socio-Economic Development in South West Asia organized by Centre for South West Asia Study (Pakistan-Afghanistan) Punjabi University, Patiala (May 16, 2008).
15. 90<sup>th</sup> Annual Conference of IEA held at Kashmir University, Kashmir (Oct. 2007).
16. 91<sup>st</sup> Annual Conference of IEA held at Udaipur University, Rajasthan (Dec. 27-29, 2008).
17. 92<sup>nd</sup> Annual Conference of IEA held at Kits University, Bhubaneswar Orissa (Dec. 27-29, 2009).

**XVIII. Teaching Lessons Written for Distance Education Department, Punjabi University, Patiala**

- Class B.A. III : Subject: Economics of Development.
- Lesson No. 13 : Topic: Kaldor's Model of Economic Growth.  
Lesson No. 14 : Poverty and Development: Amartya Sen's View.
- Class M.A. I : Subject: Advanced Economic Theory-II
- Lesson No. 16 : Multiplier-Acceleration Interaction: Samuelson's Theory of Trade Cycles.  
Lesson No. 17 : Hicksian' Theory of Trade Cycles.
- Class M.Com. II: Subject: Quantitative Techniques for Business
- Lesson No. 5 : Assignment Problems  
Lesson No. 6 : Goal Programming  
Lesson No. 7 : Integer Programming  
Lesson No. 8 : Dynamic Programming and Non Linear Programming  
Lesson No. 9 : Waiting Line Model-I  
Lesson No. 10 : Waiting Line Model-II  
Lesson No. 11 : Inventory Control-I  
Lesson No. 12 : Inventory Control-II  
Lesson No. 13 : Game Theory-I

Lesson No. 14 : Game Theory-II  
Lesson No. 15 : Simulation: Monte Carlo Approach

Class B.Com. I: Subject: Business Mathematics and Statistics

Lesson No. 12 : Assignment Problems  
Lesson No. 13 : Time Series Analysis-I  
Lesson No. 14 : Time Series Analysis-II  
Lesson No. 15 : Forecasting Methods-I  
Lesson No. 16 : Forecasting Methods-II

Class M.Com. I: Managerial Economics

Lesson No. 8 : Demand Forecasting Techniques

Class M.Com. I: Research Methods and Statistical Techniques

Lesson No. 9 : Sampling Methods  
Lesson No. 10 : Probability Distribution-I  
Lesson No. 11 : Probability Distribution-II  
Lesson No. 12 : Statistical Hypothesis-I  
Lesson No. 13 : Statistical Hypothesis-II  
Lesson No. 14 : Statistical Hypothesis-III

**Class M.A.I Economics: Advanced Economic Theory-I**

Lesson No.21: Economics: Advanced Economic Theory – I (in Punjabi)

Lesson No. 17 : W.J. Baumol's Theory of Sales Revenue Maximization  
Lesson No. 24 : Kaldor's Theory of Distribution and Bain's Limit Pricing Theory  
Class B.B.A.-I : Business Economics  
Lesson No. 01: Nature and Scope of Economics

**XIX. Teaching Lessons Written for Punjab School of Management, Punjabi University, Patiala**

**12 Lessons of Management Science \$ Operations Management and 01 Lesson of Managerial Economics**