

Qualification and Experience Summary

- **Post-Graduate in Mathematical Statistics** from Lucknow University (1968) and **MCA** with more than 40 years' experience in Information Technology, Socio-economic research and teaching/training.
- Associated with socio-economic research studies, large scale sample surveys, right from designing of questionnaire to analysis of data and report writing at National Council of Economic Research, New Delhi.(1968-73)
- As a Joint Director, at Rural Electrification Corporation, New Delhi, (<https://www.recindia.nic.in/>) undertook the responsibility of management of Information Technology Department, handling of software development projects and their implementation, software/hardware procurement, IT training. The important assignment for me have been to handle the Y2k event, computerization of line operation of the corporation and organizing computer literacy program for more than 1000 employees scattered over 17 office locations. (1973-2003).
- Apart from managing the IT Department, I was also involved in socio-techno-economic research studies (conducting studies, both in-house and through Consultants/reputed research Organization), responsibilities in Finance, Corporate Planning Monitoring Departments, field offices with work of project appraisal and monitoring of RE projects at Rural Electrification Corporation, New Delhi. (1973-2003).
- After retirement from the services of the Corporation on 30th Sept 03, I have been involved in academic activities for last 12 years, at Jamia Millia University, New Delhi (<https://www.jmi.ac.in/>) and MakhanLal Chaturvedi National University of Journalism and Mass Communication, NOIDA Campus.(<http://www.mcu.ac.in/main.aspx>) (2003-15)
 - *As examiner and paper setter for computer papers of postgraduate/graduate courses in Department of Economics, Department of Psychology and Diploma courses at Jamia Polytechnic.*
 - *As member of Curriculum drafting Committee of the university for Certificate Course in Information Technology, Advanced Diploma Course in Software Engineering & Advanced Diploma Course in Hardware and Networking. I have been also helping the Centre for Distance Learning, Jamia Millia in identifying the study centers and development of course material for these courses.*
 - *As a visiting faculty, I was teaching "Computer Fundamentals and programming with C and C++", "Business Data Processing and Data Structures", "MIS", "System Analysis & Design", "E-Commerce, ASP.NET with VB.NET/C#" and research/econometrics packages like SPSS, EViews and also coordinating and supervising the project work of students.*
 - *I have been associated with training to Faculty Members and Research Scholars in research methodologies in Environmental Studies being held at Department of Economics under UGC sponsored SAP program as Program coordinator and teacher for last 5 years.*
 - *I have been teaching Computer fundamentals, Web Technology, Photoshop, Page Layout packages- QuarkXPress, Page maker, to the post graduate students at MakhanLal Chaturvedi National University Of Journalism and Mass Communication, Noida Campus for last 5 years.*
 -

Research Papers / Studies

- *Paper titled "Semantic Web: An Emerging Web Technology" was presented at Indian Social Congress, held at Jamia Millia University, New Delhi, in the year 2008*
- *Paper titled "Digitization and Development: A Northeast Perspective" was presented at national Seminar at Guwahati on the theme-" Trade, Growth and Development: A Northeast Perspective with special reference to Assam", in the year 2018*

Research Studies:

- *Additional Rural Income with special reference to fertilizer use(NCEAR, 1969)*
- *Diesel vs. Electric Traction in Indian Railways(NCEAR, 1970)*
- *Demand of Paper: Long term Projections(NCEAR,1971)*
- *Manpower position, educational facilities and Social Image of Indian Nurses(Coordinating Agency for Health Planning,1972)*
- *Preparation of Agro-Power profiles for optimum utilization of ground water and cent percent electrification (Long term projections of Load Growth, specially pump sets) in Indo-gangetic region(Rural Electrification Corporation,1982)*
- *Cost-Benefit studies of rural electrification from time to time during my association with REC*

Miscellaneous Training Programs Attended

- *Fortran IV Programming at IIT, Delhi from 5th April 1972 to 20th April 1972*
- *Data Processing and COBOL at IIT, Delhi from 18th Oct 76 to 30th Nov 1976.*
- *System Analysis & Design from 3rd Oct, 77 to 28th Oct 1977, organized by Computer Society of India, Delhi Chapter*
- *In service training in Operating System, BASIC, 8 bit ASSEMBLER, conducted by ORG, Baroda*
- *Introduction to Unix and basic commands in Unix Shell Programming*
- *Unix System Administration by Wipro Information Technologies 8th Aug, 88 to 20th Aug, 88*
- *Auto CAD & Coral Draw, conducted from 21st March, 97 to 22nd March, 97, by Center for Software Export and Training*
- *Oracle Course titled "Introduction To Oracle (SQL, PL/SQL)", conducted from 27th Nov,97 to 20th Jan98, by SQL Star International Ltd*
- *JAVA Script, conducted from 7th Feb 2000 to 23rd Feb 2000*

- 8-day training program on SCO UNIXWARE from 21st June to 29th June, 2000, conducted by TGK (INDIA) Ltd
- ORACLE8: DATABASE ADMINISTRATION, BACKUP & RECOVERY, NETWORK ADMINISTRATION, PERFORMANCE TUNING by TGK (INDIA) Ltd.
- Short term intensive course in French of three months duration from Alliance Francaise, New Delhi

Exposure to Technologies (Software Development)

Languages: 8 & 16 bit Assemblers, COBOL, BASIC, FORTRAN, VB, C/C++, PL/SQL and JAVA, .NET Framework, ASP.net & VB.net/C#

OS: DOS, Windows, Windows NT, and UNIX

RDBMS: Oracle 10g (SQL Plus, SQL loader)

Office Productivity MS Office: Word, PowerPoint, Excel, Access

Research other Packages: SPSS, e-Views, Photoshop, QuarkXPress, Dreamweaver and Web Design & Development

Skill Set

- 1 Teaching and training in the area of Information Technology-
 - various topics/subjects of BCA/MCA course and Statistics
 - Research/Econometrics other packages like SPSS, EViews, Dreamweaver, Photoshop, QuarkXpress
- 2 Managing Software Development Projects.
- 3 Administrative and Logistics of an IT based setup
- 4 Applied Economic Research- Conducting Large Scale sample Surveys.

Social Activities

I have been associated with social activities along with my professional work in following capacities-

Past

- 1 General Secretary and Vice President of Officers Association, Rural Electrification Corporation
- 2 Secretary, Vice President of Resident Welfare Association, Sector 39, NOIDA, (Founder member)
- 3 Vice-Chairman, Vaishali Sehkari Group Housing Society, GautamBudh Nagar and Executive body Member of Retired Officers Association, Rural Electrification Corporation

Present

- 4 Chairman, Socio-Economic Empowerment Foundation of India (A Registered Public Charitable Trust) <http://www.sefiindia.org/>
- 5 Executive Member, Society for Sports and Cultural Advancement, NOIDA
- 6 Secretary, Association for Environment and Development Research <http://www.aedr.org/>