

Publications of Prof. Arun C Mehta

(Research & based on EMIS Data)

Publications: Books & Reports

Books

1. **Fundamentals of Econometrics**, Himalaya Publishing House, Bombay, 1987 (with Prof. B.C. Mehta).
2. **Education for All in India -Myth and Reality**, Kanishka Publishers, New Delhi, January 1995.
3. **Population Projections: Sub-national Dimensions**, Commonwealth Publishers, New Delhi, 1996.
4. **Education for All in India: Enrolment Projections**, Vikas Publishing & NIEPA, New Delhi, 1998.
5. **Investment Priorities & Cost Analysis: A Study of Upper Primary Education in India** (with Dr. N. V. Varghese), Vikas Publishing & NIEPA, New Delhi, 2001.
6. **Elementary Education in Un-recognised Schools in India**, NIEPA, New Delhi, 2005
7. Student Flow at Primary Level, NIEPA, New Delhi, 2007

Reports

National Reports: In the capacity of National EMIS/U-DISE Coordinator at NIEPA, a total of 131 reports based on EMIS/DISE Data were brought out during 2002 to 2017 in collaboration with UNICEF & Ministry of HRD, Government of India. Since 2012-13, school statistics related publications of the Ministry of HRD, Government of India are based on data generated through U-DISE as Official Statistics. The publications can be viewed at

<http://schoolreportcards.in/SRC-New/Links/DISEPublication.aspx>

NIEPA Occasional Paper Series

- **Educational Development in India with Focus on Elementary Education** (1997), NIEPA Occasional Paper 24, NIEPA, New Delhi.
- **Status of UEE in the Light of NCERT Sixth All India Educational Survey** (1999), NIEPA Occasional Paper 27, NIEPA, New Delhi.
- **EFA in India with Focus on Elementary Education: Present Status, Recent Initiatives and Future Prospects** (2002), NIEPA Occasional Paper 30, NIEPA, New Delhi. (Also presented in Voices for Change: Providing Education for All conducted by the Cambridge University at Cambridge, September 2000).

Modules on District Planning in Education

- **"Enrolment & Teachers Projection Techniques"**, District Level Educational Planning, December 1997 (Edited by N. V. Varghese), NIEPA, New Delhi.
- **"Information Requirements for Formulating District Elementary Education Plans"**, NIEPA, New Delhi, 2003.
- **"Indicators of Educational Development With Focus on Elementary Education: Concept & Definitions"**, NIEPA, New Delhi, 2003.
- **"Projection of Population, Enrolment and Teachers with Focus on Elementary Education"**, NIEPA, New Delhi, 2003.

EMIS Review Reports: Invited by Government and visited following Countries and prepared extensive reports on the Status of EMIS and suggestive framework:

- [Iraq, 2006](#)
- [Southern Sudan, 2008](#)
- [Cambodia, 2010](#)
- [Ghana, 2012](#)

Recent Research Activities: Worked on **Patterns of Decline in Enrolment & its Implications for Universal Secondary Education in India: An In-depth Analysis of U-DISE 2016-17 Data** (Mimeographed).

Published Articles

1. "A Time Series Analysis of the Production Performance of Principal Crops in Three Agro-Climatic Zones of Rajasthan", Vol. 17, No.4, 1978, Annals of Arid Zone, CAZRI, Jodhpur, India.
2. "Production Performance of Principal Crops in the Nagaur District of Rajasthan", Vol. 2, No. 2, 1978, Rajasthan Economic Journal, Jaipur, India.
3. "A Strategy to meet Energy Demands on Arid Areas of Western Rajasthan", February 18, 1978, URJA, New Delhi, India.
4. "An Analysis of Density of Population and its Correlates in Rajasthan", Vol.5, No.2 July 1981, Rajasthan Economic Journal, Jaipur, India.
5. "Population of Rajasthan in 2001 A.D.", Vol. X, No.1, January, 1986, Rajasthan Economic Journal, Jaipur.
6. "Educational Informational Requirements in the Context of NPE" (1986), Report of the Second Seminar on Social Statistics, 24th February 1988, C.S.O. (with Brahm Prakash).
7. "Relationship Between Education and Development Indicators: A Case Study of Asia and the Pacific Countries", Journal of Educational Planning and Administration, New Delhi, Silver Jubilee Special Issue on Planning, NIEPA, January 1989.
8. Hindi version of above article in Journal of Educational Planning and Administration, January 1989, NIEPA, New Delhi.
9. "Introduction to Computers and its Application in Education", Educational Technology, October 1991, New Delhi.
10. "Introduction to LOTUS 1-2-3", Educational Technology, November, 1991, New Delhi.
11. "District-wise Population Projections for Rajasthan and 1991 Census Count: A Note", Rajasthan Economic Journal, Vol. XV, No. 1, January 1991.
12. "A Note on Educational Statistics in India", Journal of Educational Planning and Administration, Vol. VII, No.1, January 1993, New Delhi.
13. "EFA in India - Myth and Reality", Journal of Education and Social Change, October-December 1992, Vol. VI, No.3, 1993, Pune.
14. Hindi version of above article in Pariperkshaya, No.2, Volume 1, January, 1994, NIEPA, New Delhi.
15. "A Survey of Estimates of Under-age and Over-age Children at the School Level", Journal of Education and Social Change, Number 2, Volume VII (July-September, 1993), 1994, Pune.
16. "Education For All : Enrolment Projections in India", Journal of Educational Planning and Administration, No.1, Vol. VIII, January 1994.
17. "A Chapter on Data Analysis for Rajasthan" in UNESCO Published Report on Use of Sample Survey Techniques in Educational Statistics, UNESCO, Paris, 1994.

18. **"Efficiency and its Correlates: A Cross-State Analysis"**, Journal of Perspectives in Education, Vol.10, No.2, April 1994, Baroda.
19. **"Demographic Projections at the Micro-level"**, Journal of Man and Development, September, 1994, Chandigarh.
20. **"Enrolment Projections in the Context of DPEP Programme"**, Journal of Indian Educational Review, July-October, 1994 NCERT, Vol. XXIX, No. 3 & 4, New Delhi.
21. **"A Note on Educational and Demographic Scenario in India"**, Journal of Progressive Educational Herald, 1995, Hyderabad.
22. **"Reliability of Educational Data"**, National Herald (Sunday Herald), December 31, 1995, New Delhi.
23. **"Demographic-Economic Interaction Model for Sub-national Population Projections - A Case Study of Rajasthan"**, Rajasthan Economic Journal, Volume XVII, number 2, July 1994, 1996, Jaipur (with B. C. Mehta).
24. **"Education in Manifestos: Priorities and Commitments"**, National Herald, May 1, 1996.
25. **"Status of Education for All"**, Yojana, Volume 40, No. 6, June 1995, New Delhi.
26. **"Reliability of Educational Data in the Context of NCERT Survey"**, Journal of Educational Planning and Administration, NIEPA, July 1996, Volume X, No.3, New Delhi.
27. Hindi version of above article in Pariperkshaya, NIEPA, Volume 3, No.1, April 1996, New Delhi.
28. **"Development and Utilisation of Database for Non-Formal Literacy Programmes and Networking of Computers"**, Indian Journal of Adult Education, April-June, 1996, Delhi.
29. **"Education for All in India: Some Recent Insights in the Light of National Family Health Survey"**, Journal of Education and Social Change, IIE, July -September and October - December, Volume IX, No. 2 and 3, Pune.
30. Hindi version of above article in Pariperkshaya, NIEPA, Volume 2, No. 4, September 1996, New Delhi.
31. **"Education Information System in India its Limitations: Suggestions for Improvement"**, Journal of Indian Education, Volume XXIII, No. 2, August, 1997, NCERT, New Delhi.
32. **"Information Requirements for Educational Planning: Limitations and Gaps in the Existing System"**, Journal of Education & Social Change, January-March & April-June, 1998, Volume XI, No. 4 & Volume XII, No. 1, Pune
33. **"Data Requirements for Educational Planning: Limitations and Gaps in the Existing Inspection System"**, Man and Development, September 1998, Chandigarh.
34. **"Need of Developing Local-Level Information System (LIS) to Monitor Factors of School Effectiveness"**, Amsta-Mangal, March-September, 2000, Manipur
35. **"Educational Development in North-Eastern States of India"**, Amsta-Mangal, March-September, 2001, Manipur
36. **"Impact of Primary Education on Literacy; An Analysis of Census 2001 Preliminary Data"**, Indian Journal of Adult Education, Volume 63, No. 4, October-December 2002, Hindi version of above article published in Pariperkshaya, NIEPA, Volume 8, No. 1-2, April-august, 2001, New Delhi & Praadh Shiksha, July 2002, New Delhi
37. **"Status of Secondary Education in India"**, Amsta-Mangal, Volume X & XI, No. 9, March-September 2002, Manipur and in Hindi in Pariperkshaya, Number 3, Volume 9, December 2002 NIEPA, New Delhi.
38. **"Can There be Alternative Indicators of Enrolment: A Critical Review of Frequently Used Indicators"**, ESCAP [Statistical Newsletter, No.125, April 2002](#), Bangkok &

Journal of Educational Planning & Administration, July 2002, NIEPA, New Delhi. Also electronically published by the UNESCO, Bangkok (Thailand). Was accepted for presentation for the **OXFORD 2003 Conference**. Presented in the Regional Workshop on Education Statistics 2003 conducted by UIS, Montreal at NIEPA, New Delhi, 2003. Also published in Issues in Economic Development: Education and Human Capital, Edited by V. S. Sakalya, The ICFAI University, Hyderabad, 2004.

39. **“Can the Goal of Universal Secondary Education be achieved in the Near Future?”** Journal of Educational Planning, July 2003, NIEPA, New Delhi.
40. **“Indicators of Enrolment, Attendance, Completion and Graduation Rates: A Critical Review”**, Business Perspectives, January – June, 2003, Volume 5, Number 1, Birla Institute of Management Technology, New Delhi.
41. **“Primary Education and Literacy: An analysis of Census 2001 Data”**, Man and Development, March 2004, Volume XXVI, No. 1, Centre for Research in rural and Industrial Development, Chandigarh, India.
42. **“Evolution of District Information System For Education”**, Kurukshetra, September 2004, New Delhi
43. **Is it Possible to Achieve Universal Secondary Education in the Near Future: A Study of Present Status and Future Prospects”**, AMSTA-MANGAL, March-September, 2004, Imphal.

Mimeographed Articles

1. **“Projecting Regional Population in Relation to National Population: Ratio Methods”**, NIEPA, New Delhi.
2. **“Use of Single Equation Econometric Techniques in Population Projections at the Sub-national Level”**, NIEPA, New Delhi.
3. **“Regional Demographic Model”** in Proceedings of 28th Annual Conference of All India Econometric Association, October 29- 31, 1991, Darjeeling.
4. **“A Case Study of Computerized Personal Management Information System of Directorate of Education Himachal Pradesh”**, Shimla, August 1991.
5. **“Microcomputers in Education: An Application-Use of LOTUS 1-2-3”**, NIEPA, New Delhi, October 1992.
6. **“Student Flow Analysis as a Base to Enrolment Projections”**, in Training Programme on Educational Planning and Administration for Senior Educational Officers of the Republic of China, NIEPA, New Delhi, 1992.
7. **“Student Flow and Stock Indicators”**, NIEPA, New Delhi, 1992.
8. **“Demographic Projections at the Sub-national level”** in International Symposium in Population Growth in Developing Countries, Organized by International Geographical Union Commission on Population Growth, JNU, New Delhi, December 20-24, 1993.
9. **“Basic Educational Data: A Compilation”** Various Volumes, NIEPA, New Delhi.
10. **“Development and Utilisation of Database for Non-formal Literacy Programme”**, paper presented in ‘Workshop for Developing Literacy Resource Centre for Girls and Women in Bangladesh’ held at Dhaka, Bangladesh during August 21-30, 1995 and published in LRC Activity Report, 1999: 3-3, ACCU, Japan.
11. **“Full Literacy in Country by 2027”**, Report based on article ‘Education For All in India: Myth & Reality, Hindustan Times, April 2, 1993, New Delhi.
12. **“Projecting Population at the Sub-National Level by using Best Estimates & Best Combinations Techniques”**, NIEPA, New Delhi, 1994
13. **“Networking of Computers”**, paper presented in ‘Workshop for Developing Literacy Resource Centre for Girls and Women in Bangladesh’ held at Dhaka, Bangladesh during August 21-30, 1995.

14. **“Developing and Utilisation of MIS for Literacy Programmes in India’**, paper presented in `Workshop for Developing Literacy Resource Centre for Girls and Women in India, Jointly organized by RAEA, Jaipur and ACCU, Japan at Jaipur during September 26 to October 06, 1996.
15. **“Introduction to All India Educational Surveys on School Education, Educational Administration and Technical Manpower Information System”**, NIEPA, New Delhi, 1998.
16. **“Educational Data Collecting Agencies: An Introduction to Surveys Based on Household”**, NIEPA, New Delhi, 1998
17. **”Indicators of Educational Development”**, NIEPA, New Delhi, 1999
18. **“Role of Diagnosis with Focus on Upper Primary Education**, NIEPA, New Delhi, 2000.
19. **”Some Reflections on Sarva Shiksha Abhiyan”**, NIEPA, New Delhi, 2002
20. **“From Indicators of Enrolment to Attendance, Completion & Graduation Rates: A Critical Review of Frequently Used Indicators”** paper presented in Sub-regional Orientation-cum-Training Workshop on Planning and Monitoring of EFA in South Asia, NIEPA, New Delhi, October 22 to November 03, 2001.
21. **“Universalisation of Secondary Education: Present Status and Future Prospects with Focus on enrolment Projections in India”** paper presented in the seminar on secondary education at NIEPA, New Delhi 2002.
22. **“Need of Monitoring and Set of Indicators under SSA”**, NIEPA, New Delhi, 2003.
23. **“Status of Drop-out Rate Primary Level: A Note Base on DISE 2004 and 2004 Data”**, NIEPA, New Delhi, 2005.
24. **“Strengthening Educational Management Information System in India through U-DISE: A Story of its Evolution”**, paper presented in *Comparative & International Education Society Annual Conference (CIES) 2017* held at Atlanta (USA) during March 5 to 9, 2017, Atlanta, USA)
25. **“A Report on Patterns of Decline in Enrolment & its Implications for Universal Secondary Education in India”**: An In-depth Analysis of U-DISE 2016-17 Data, April 2019.

If required, copy of an article/report will be arranged many of which are available at www.educationforallinindia.com

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