

at NIEPA 1980 to 2019

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Forty Years of Arun C Mehta

at NIEPA 1980 to 2019

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An Analysis



Forty Years of Arun C Mehta

at NIEPA: 1980 to 2019

Arun C Mehta

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FOREWORD



Prof. Kuldeep Mathur
Formerly Director, NIEPA
&
Professor, Jawaharlal Nehru University, Delhi

With the discourse on role of education in development now receiving increasing attention, India faces a huge task in spreading education to all amid improving its quality. This book is a timely contribution to the public discussion and debate that is taking place particularly after the introduction of new policy in India. Prof. Arun C Mehta, trained as a statistician but carrying a wider perspective and understanding of issues in education, presents a valuable input.

National Institute of Education Planning and Administration (NIEPA) has been the premier institution providing research based advice to government since its inception. Prof. Mehta has used his professional skills to augment this research with empirical data. He was the Project Director of UNICEF-NIEPA project on developing District Information System for Education which was completed successfully. It has now eliminated data gaps as comprehensive information on school education is now available filling in the time delay that was occurring earlier.

This book emphasizes that data and facts are important in any discussion on reform of planning and management and I commend this book to all those interested in education reform.

Kuldeep Mathur

OBSERVATIONS



Late Prof. B. P. Khandelwal
Formerly Director, NIEPA
& Chairman, CBSE

I am happy that Prof Arun C Mehta has come out with a set of his papers in e-Book form. When I was the Director of NIEPA, I found him having a keen interest in indicators of educational development and data analysis. After the unfortunate death of Prof. Yash Aggarwal, Prof Mehta assumed the responsibility of DISE in 2002 to which he took to new heights. In particular, I was impressed with the set of publications brought out under his leadership through the District & State Report Cards as well as School Report Cards. Perhaps, for the first time data was made available to users in a hassle-free manner. His annual release of data in a large gathering at NIEPA has had helped a lot in creating awareness about the DISE data. I consider his contribution significant towards the strengthening of EMIS in India.

Data base is inevitably important for vision development to planning to programming. Also it is Important tool to operate, supervise, mentor, monitor and evaluate. Prof. Arun has contributed through his work for all these areas in national education. I hope his present book will further help to provide a pivotal platform for educational developments in the present transformational times.

B. P. Khandelwal



Prof. (Dr.) Pradeep Kumar Joshi
Chairman, UPSC & Formerly
Director, NIEPA

My stay at NIEPA was very brief. Being a part of an organisation responsible for education planning and administration, workload was extremely diverse and among other things it included critical data analysis, participation in crucial projects and working in close collaboration with international organisations. It required nothing but the best of the minds of this nation to work on such projects/programmes for effective policy development.

Dr. Arun C. Mehta has undoubtedly been one of the most adroit and hardworking professional. Apart from being a gentle and kind person, His positive attitude, willingness to take initiative and his determination have resulted in successful completion of many projects. His zealous demeanor towards work and his impressive contribution in improving educational data in the country has been outstanding which has resulted in the free availability of educational data.

Dr. Mehta not only been an ideal colleague but has also been an inspiring guide to his juniors, I wish him my best and I hope that his colleagues at NIEPA/NEUPA will follow suit.

Pradeep Kumar Joshi

OBSERVATIONS



Prof. Marmar Mukhopadhyay
Formerly Joint Director, NIEPA
&
Chairman, NIOS

This initiative of Dr Arun C Mehta is in a way unique. There are many omnibus and complete collections of a particular author in literature.

Dr Arun C Mehta's online publication of this volume is different. As a passionate researcher, he made a regular and significant contribution to the literature on this domain of education. He carefully selected a few of his writings for publication in this volume to represent his evidence-based academic stand on the subject. These are the kinds of research that help build well-informed educational plans. Dr Mehta's papers should inspire and inform the new generation of scholars in educational planning.

I see the uniqueness also as a case of self-accountability answering self-question, "what did I do during the last 40 years? Did I spend my years well for myself, for my institution, NIEPA and my country - India? Did I make a meaningful knowledge creation to enrich the field of my research?" I think that is unique. Having shared 22 years out of Dr Mehta's 40-year space in NIEPA together as a colleague, I must say a big 'Yes' to his self-accountability questions.

Good concept. I wish many others will follow Dr Mehta's footsteps with decadal self-review of academic contribution.

Marmar Mukhopadhyay



Professor Geeta Gandhi Kingdon
Education & International Development
UCL Institute of Education
University College London (UK)

While Professor Arun C Mehta has made distinguished contributions to many aspects of the field of education through his extensive research spanning nearly 40 years, to me his most enduring legacy is the colossal work he did to develop the DISE (District Information System for Education) database in India. His seminal contribution has been to pioneer and champion an open-handed approach to sharing data, which helped to spawn much research internationally. A believer in data transparency, Dr. Mehta made herculean efforts to compile, clean, code, validate and triangulate data on school education, helping states to see and sort discrepancies to achieve more reliable data, thus enabling more credible data and thus more evidence-based education policy. Apart from being architect of DISE data, he also made several education quality indices. Under his consistent stewardship, DISE became the high profile, flagship publication of NIEPA. He has been a prolific author of quantitative analyses of education, apart from supervising doctoral research in education. It will be a pleasure to read the current volume which compiles Prof. Mehta's most important research.

Geeta Gandhi Kingdon

OBSERVATIONS



Mr. Simon Ellis
Formerly Regional Director
UNESCO Institute for Statistics
Montreal (Canada)

Very many congratulations on the book, which will be a great testimony to your immense contribution to education statistics in India. We have known each other for some twenty of those years and I have valued your contribution to many UNESCO projects during that period. I am sure the book will be a great reference work and help many future Indian Education Statisticians follow your advice and continue the high standards you have set.

Simon Ellis



Prof. Najma Akhtar
Vice-Chancellor
Jamia Millia Islamia, Delhi &
Formerly Professor, NIEPA

I congratulate Prof. Arun C Mehta for conceptualizing the idea of sharing his research findings during his long stay at NIEPA. Prof. Mehta contributed significantly to the numerous capacity-building programmes including in one of the prestigious projects, namely the NIEPA-Nepal Project on District Primary Education Plans in five districts of Nepal. One of the significant limitations in the educational data was the lack of data on Muslim Minorities through the efforts of Prof. Mehta; a good amount of information through U-DISE is now available at all levels. His contribution to strengthening EMIS in India in reducing the time-lag and free availability of data to users is immense.

Najma Akhtar

OBSERVATIONS



Prof. R. Govinda
Formerly Vice-Chancellor
NIEPA, New Delhi & Distinguished Professor
Council for Social Development New Delhi

I am delighted to know that collected writings of Prof. Arun C Mehta will appear in a book form. His writings are not just academic pieces. The writings spread over four decades capture the evolving story of data architecture for school education in the country. He led the team at NIEPA on EMIS for nearly two decades during which the school education database metamorphosed itself from mere Project Management Information System for DPEP to a pan-Indian Education Management Information System. In this transformative process it also grew in scope from merely covering primary education to encompassing the whole of school education from primary to higher secondary stages as U-DISE. Through the papers in the volume Dr. Mehta presents first-hand narrative of this historical phenomenon concerning school education data systems in India. I am sure that the book will be a very valuable reference material for all students and researchers engaged in exploring Indian education.

R. Govinda

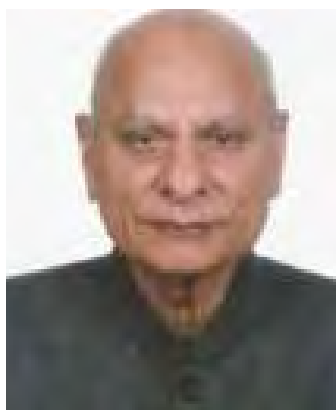


Dr. G. D. Sharma
Formerly Professor, NIEPA
&
Secretary, UGC

Happy to know that Prof Arun C Mehta has come out with a set of his research papers published during his long stay at NIEPA. I still remember when I was the Director of the Indian Institute of Education, Pune his research on Education for All in India: Myth & Reality was published in the institute's Journal of Education and Social Change which had received widespread accomplishment following which another two of his papers were published in the journal. All through his career, I found him focussed on the strengthening of EMIS in India and the use of indicators in educational planning which has helped a lot states to develop expertise in the area of data analysis. Because of his tireless efforts, U-DISE initiated by NIEPA had acquired the status of the Official Statistics in 2012-13. I hope this new way of sharing the contribution made by him will be a very useful resource for researcher and policy makers in the field of education.

G. D.Sharma

OBSERVATIONS



Shri Baldev Mahajan
Formerly Joint Director, NIEPA
Joint Secretary (Government of India)
& Commissioner K.V.S.

Prof. Arun C. Mehta has over the years done pioneering work in developing District Information System for Education (DISE), providing comprehensive information on all aspects of school education over a period of time at all disaggregated levels, namely, individual school, cluster, block and district level, finally merging into the state and national levels. Through concerted efforts of Prof. Mehta and his colleagues in the National Institute of Educational Planning and Administration, DISE was extended gradually from elementary education to cover secondary and senior secondary levels of education, that is, the entire school education in the country. Prof. Mehta has made exceptional contribution to the efforts for creating databases and information system for educational planning in India, particularly developing modules and guidelines for decentralized planning at the district level.

The new national policy on education (2020) has laid down ambitious targets to achieve 100% gross enrolment ratio from pre-school to secondary level by 2030, although we have still to achieve fully, more than 70 years after independence, the Constitutional goal of universal elementary education. Prof. Mehta's book provides valuable reference material for all those involved in educational planning and development of education at different levels, be it educational planners and administrators, researchers, or academicians.

The new Policy also makes a pointed reference to the "Learning Crisis" and puts maximum emphasis on the goal of improving quality of education at all levels. Here also this volume comprising 12 chapters provides deep insight on various aspects of education for evolving effective information and monitoring system and development of indicators for assessing quality and planning continuous improvement.

Baldev Mahajan

P R E F A C E

Forty Years of Arun C Mehta at NIEPA 1980 to 2019

When I joined NIEPA I was young at the age of 26 and on 31st August 2019, the day I superannuated I was 65 years of age. During this period I could serve NIEPA/NUEPA for about 14,191 days or 38 years, 10 months, and 8 days and never deserted NIEPA except for a brief period of about 8 months when I did avail myself the study leave. I was a bit disappointed to leave a temporary lectureship with the University of Rajasthan, Jaipur to join a lower position in NIEPA but thereafter I never looked back as NIEPA had given me all the opportunities to grow professionally. I have experienced the golden, the best, and not so good days of NIEPA and had worked with all the Directors, Vice-Chancellors, Executive and Joint Directors and Faculty for about 40 years. When I joined NIEPA, Late Prof. M. V. Mathur's term as the Director was about to be over following which Late Prof. Munis Raza took the charge of the Director who often used to ask me about the status of my Ph.D. Late Prof. Satya Bhushan was the next Director who introduced me to the field of EMIS and educational indicators and sent me to UNESCO Bangkok for an internship programme where Mr. S. K. Chu, Programme Specialist oriented me to the basic tools of educational data analysis. During the period of Late Prof. Satya Bhushan, perhaps in 1989, NIEPA got its first AT & XT Desktops that along with Shri Baldev Mahajan, the then Joint Director personally ensured that I must get access to PCs for work related to my Ph.D which I could complete in 1991. It took me 7 years to get the faculty position when in 1987 I was appointed as Associate Fellow that too on my suggestion the Selection Committee had put a condition on me to complete the Ph.D within the next three years. Thereafter, I never looked back and was appointed Associate Professor in 2007 and Professor in 2005. Prof. Kuldeep Mathur who was the next Director had given full academic freedom to publicise research findings even though there was a restriction from the Ministry. He has always been a source of inspiration during his period I was the most productive one and published a good number of articles in the reputed journals. Late Prof. B. P. Khandelwal was the next Director who used to appraise himself with the major findings of every research undertaken by the faculty. He had given me the responsibility of DISE in 2002 which continued up to 2017. During the brief tenure of Prof. Pradeep Kumar Joshi as the Director, I could develop a good repo with him. During the intervening period closely worked with Prof. Marmar Mukhopadhyay whom I found the most innovative one during his period, NIEPA initiated the digitization of internal notifications and started sharing reports of the training programmes through emails. Prof. Ved Prakash was the next Director/Vice-Chancellor who extended DISE to the Secondary level but as a separate entity. During his tenure, the ORSM Department was renamed as the Department of Educational Management Information System of which I was the founder Head of the Department and unfortunately the last Head of the Department also. During the tenure of Prof. R. Govinda, the flag-ship programme of NIEPA, the DISE could merge with the SEMIS and the U-DISE had acquired the status of the Official Statistics. For a brief period, I was also given the responsibility of the All India High-



er Education Survey at NIEPA. During all these years, DISE remained the face of the Institute, and the Department of EMIS had played an important role in strengthening EMIS in the Country but the momentum couldn't be maintained during the long intervening period during which NIEPA didn't have a regular Vice-Chancellor and I had personally faced the worst. Prof N. V. Varghese was the next Vice-Chancellor who along with Late Shri M. M. Kapoor, Prof. Brahm Prakash, and Prof. Shri Prakash was my Head of the Department (in the Sub-National Systems Unit) to whom I have learned a lot all through my carrier. I was the co-researcher with Prof Varghese in the World Bank-supported project on Upper Primary Education in India: An Analysis of School Facilities and Costs which was later become the basis of expanding DPEP to the entire elementary level of education through the Sarva Shiksha Abhiyan Programme. NIEPA has given me ample opportunity to move across the country and also in visiting several countries. Presentations at the Cambridge & Oxford Universities (UK) as well as participation at the Harvard University (USA) are worth mentioning. It has also allowed me to interact with a large number of officers from across the country through its various programmes amongst which the National and International Diploma Programmes in Educational Planning and Administration is worth mentioning with which I was associated from the beginning. During my stay at NIEPA, I could bring out five books and numerous project reports, and more than 100 published and mimeographed articles including a module on *Enrolment and Population Projections* edited by Prof. Varghese many of which were published in the prestigious JEPA and NIEPA Occasional Paper Series. Conceptualized and brought out a total of 131 publications based on DISE data during the period from 2002 to 2017. Was also instrumental in developing websites presenting U-DISE data which are the recipient of four national and regional awards. I have played my inning at NIEPA beautifully and feel satisfied at the end of the day! Achievements in the strengthening of EMIS through U-DISE give satisfaction. I am proud of been associated with NIEPA & its Faculty and Staff for almost forty years.

It is not possible to present all the papers, only a select 27 articles are presented which are grouped into five broad headings, such as (i) Educational Statistics & EMIS (ii) Indicators of Educational Development (iii) Demographic & Enrolment Projections (iv) Educational Data Analysis & (v) Education for All. Most of the issues raised in the articles concerning school education are still relevant today.

I take this opportunity and thank Prof. Kuldeep Mathur, Former Director, NIEPA for writing the Foreword. I am also grateful to Late Prof. B. P. Khandelwal, Prof. P. K. Joshi, Prof. R. Govinda, Shri Baldev Mahajan, Prof. Marmar Mukhopadhyay, Prof. G. D. Sharam, Prof. Najma Akhtar, Mr. Simon Ellis, and Prof. Geeta Gandhi Kingdon for their observations about my research.

I am also thankful to Mr. Arun Joshi for designing the layout and Ms. Sheeja Bijju for designing the cover page of the e-Book.

Arun C Mehta
October 2021

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Annexure I

Forty Years of Arun C Mehta at NIEPA, New Delhi 1980 to 2019

LIST OF CONTRIBUTIONS

Doctor of Philosophy

Sub-National Population Growth: A Case Study of India, 1991, Department of Statistics, University of Rajasthan, Jaipur.

Research Studies

- UNESCO (Bangkok) Sponsored Project on **Use of Sample Survey Techniques in Educational Statistics** (Co-researcher), 1994.
- UNESCO Sponsored Project on **Indicators of Quality of Education** (Co-researcher), 1995.
- World Bank Assisted Project on **Projections of Student Enrolment & Flows** under the DPEP Synthesis Study Research Programme, 1995.
- World Bank Assisted Project on **Universalization of Elementary Education: A Study of Upper Primary Education in India** (with N V. Varghese), NIEPA, New Delhi. Brought out the following documents as a Co-author:
 - *Universalization of Upper Primary Education in India: An Analysis of Present Status and Future Requirements*, February 1999.
 - *Universalization of Upper Primary Education in India: An Analysis of School Facilities and their Cost Implications*, February 1999.
- UNESCO Sponsored Project on **Developing Common UN Database for India**, 1999.
- Developed **EFA-18 Core Indicators** as a part of Education for All: The Year 2000 Assessment, 2000.
- UNESCO Sponsored Project on **Updating Common UN Database for India**, 2002.
- UNESCO-UIS Sponsored Project on **Indicators of NFE-MIS**, 2004.
- UNICEF & Government of India assisted **District Information System for Education (DISE/U-DISE)** Project (November 2002 to January 2017): Through the concerted efforts, MIS units were made operational both at the district and state levels across the country which is equipped with the necessary hardware and software. The U-DISE had eliminated data-gaps as comprehensive information on all aspects of school education was made available over a period of time at all the disaggregated levels, such as school, cluster, block, district, state and national levels. Both the district elementary and secondary education plans are being exclusively formulated based on the U-DISE data. What is more remarkable about U-DISE is that it had drastically reduced the time-lag in the availability of educational statistics, which is now down from 7-8 years to about a year at the national level, and only a few months at the district and state levels. Later, DISE was extended to the entire elementary level of

education in 2001 and secondary and higher secondary level of education from 2012-13; since then DISE is known as the Unified-DISE and has acquired the status of *Official Statistics*. Statistics generated through the U-DISE is being exclusively used to formulate school education plans at the district level. Liberalised free availability of unit-wide U-DISE data which was utilised by the thousands of researchers from across the World. Contributed significantly towards strengthening EMIS in India for over 16 years. A total of 131 publications based on the U-DISE data were brought out during this period.

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-recognized Schools in India, NIEPA, New Delhi, 2005.
7. Student Flow at Primary Level, NIEPA, New Delhi, 2007.

Published Articles

Journal of Educational Planning & Administration (JEPA)

1. Relationship between Education and Development Indicators: A Case Study of Asia and the Pacific Countries, Journal of Educational Planning and Administration, Special Issue on Educational Planning, Volume 2, No. 1 & 2, January & April 1988, *National Institute of Educational Planning and Administration*, New Delhi.
2. Education for A ll: Enrolment Projections, Journal of Educational Planning and Administration, Volume VIII, No. 1, January 1994, *National Institute of Educational Planning and Administration*, New Delhi.
3. A Note on Educational Statistics in India, Journal of Educational Planning and Administration, Volume VII, No. 1, January 1995, *National Institute of Educational Planning and Administration*, New Delhi.
4. Reliability of Educational Data in the Context of NCERT Survey, Volume X, No. 3, July 1996, Journal of Educational Planning and Administration, *National Institute of Educational Planning and Administration*, New Delhi.
5. Can there be Alternative Indicators of Enrolment? A Critical Review of the Frequently Used Indicators, Journal of Educational Planning and Administration, Volume XVI, No. 4, October 2002, *National Institute of Educational Planning and Administration*, New Delhi.

6. Universalisation of Secondary Education: Can it be achieved in the near future?: Journal of Educational Planning and Administration, Volume XVII, No. 4, October 2003, *National Institute of Educational Planning and Administration*, New Delhi.

NIEPA Occasional Papers

1. Educational Development in India with Focus on Elementary Education, NIEPA Occasional Paper 24, 1997, *National Institute of Educational Planning and Administration*, New Delhi.
2. Education for All in India with Focus on Elementary Education: Current Status, Recent Initiatives and Future Prospects, NIEPA Occasional Paper 30, 2002, *National Institute of Educational Planning and Administration*, New Delhi.
3. Status of UEE in the Light of NCERT Sixth All India Education Survey Data, NIEPA Occasional Paper 27, 1999, *National Institute of Educational Planning and Administration*, New Delhi.

Modules

1. Enrolment and Teacher Projections, Module 7, Modules on District Planning in Education, Editor: N V Varghese, January 1997, *National Institute of Educational Planning and Administration*, New Delhi.
2. Information Requirements for Formulating District Elementary Education Plans, *National Institute of Educational Planning and Administration*, New Delhi, 2003.
3. Indicators of Educational Development with Focus on Elementary Education: Concept & Definitions, *National Institute of Educational Planning and Administration*, New Delhi, 2003.
4. Projection of Population, Enrolment and Teachers with Focus on Elementary Education, *National Institute of Educational Planning and Administration*, New Delhi, 2003.

Other Published Articles

1. "A Chapter on Data Analysis for Rajasthan" in UNESCO Published Report on Use of Sample Survey Techniques in Educational Statistics, UNESCO, Paris, 1994.
2. "A Note on Educational and Demographic Scenario in India", Journal of Progressive Educational Herald, 1995, Hyderabad.
3. "A Strategy to meet Energy Demands on Arid Areas of Western Rajasthan", February 18, 1978, URJA, New Delhi, India.
4. "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.
5. "An Analysis of Density of Population and its Correlates in Rajasthan", Vol.5, No.2 July 1981, Rajasthan Economic Journal, Jaipur, India.
6. "Can There be Alternative Indicators of Enrolment: A Critical Review of Frequently Used Indicators", ESCAP Statistical Newsletter, No.125, April 2002, Bangkok.
7. "Data Requirements for Educational Planning: Limitations and Gaps in the Existing Information System", Man and Development, September 1998, Chandigarh.

8. "Demographic Projections at the Micro-level", Journal of Man and Development, September 1994, Chandigarh.
9. "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).
10. "Development and Utilisation of Database for Non-Formal Literacy Programmes and Networking of Computers", Indian Journal of Adult Education, April-June, 1996, Delhi.
11. "District-wise Population Projections for Rajasthan and 1991 Census Count: A Note", Rajasthan Economic Journal, Vol. XV, No. 1, January 1991.
12. "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.
13. "Education in Manifestos: Priorities and Commitments", National Herald, May 1, 1996.
14. "Education Information System in India & its Limitations: Suggestions for Improvement", Journal of Indian Education, Volume XXIII, No. 2, August 1997, NCERT, New Delhi.
15. "Educational Development in the North-Eastern States of India", Amsta-Mangal, March-September, 2001, Manipur
16. "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).
17. "EFA in India – Myth and Reality", Journal of Education and Social Change, October-December 1992, Vol. VI, No.3, 1993, Pune.
18. "Efficiency and its Correlates: A Cross-State Analysis", Journal of Perspectives in Education, Vol.10, No.2, April 1994, Baroda.
19. "Enrolment Projections in the Context of DPEP Programme", Journal of Indian Educational Review, July-October, 1994 NCERT, Vol. XXIX, No. 3 & 4, New Delhi.
20. "Evolution of District Information System for Education", Kurukshetra, September 2004, New Delhi.
21. "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 & *Praudh Shiksha*, July 2002, New Delhi
22. "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.
23. "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.
24. "Introduction to Computers and its Application in Education", Educational Technology, October 1991, New Delhi.
25. "Introduction to LOTUS 1-2-3", Educational Technology, November 1991, New Delhi.
26. "Need of Developing Local-Level Information System (LIS) to Monitor Factors of School Effectiveness", Amsta-Mangal, March-September, 2000, Manipur.
27. "Population of Rajasthan in 2001 A .D.", Vol. X, No.1, January, 1986, Rajasthan Economic Journal, Jaipur.

28. "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.
29. "Production Performance of Principal Crops in the Nagaur District of Rajasthan", Vol. 2, No. 2, 1978, Rajasthan Economic Journal, Jaipur, India.
30. "Reliability of Educational Data", National Herald (Sunday Herald), December 31, 1995, New Delhi.
31. "The Status of Education for All", Yojana, Volume 40, No. 6, June 1995, New Delhi.
32. "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.
33. "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.
34. "Can there be Alternative Indicators of Enrolment: A Critical Review of the Frequently Used Indicators" Economic Development, Education and Human Capital, Book Edited by Venkata Sessaiah Sakalya, The ICFAI University, Hyderabad.
35. "Data Requirements for Educational Planning: Limitations and Gaps in Existing Information System", Man and Development, Volume XX, No. 3, September 1998, Centre for Research in Rural and Industrial Development, Chandigarh.
36. "Demographic Projections at the Micro Level, Man and Development", Volume XVI, No. 3, September 1994, Centre for Research in Rural and Industrial Development, Chandigarh.
37. "Education for All in India: Some Recent Insights in the Light of National Family Health Survey", Journal of Education and Social Change, Pune.
38. "Educational Information System and its Limitations: Suggestions for Improvement", Journal of Indian Education, Volume XXIII, Number 2, August 1997, National Council of Educational Research and Training, New Delhi.
39. "Evolverment of District Information System for Education", Kurukshetra, September 2004.
40. "Impact of Primary Education on Literacy: An Analysis of Census 1991 Preliminary Data", Indian Journal of Adult Education, Volume 63, No. 4, October – December 2002, Indian Adult Education Association, New Delhi.
41. "Indicators of Enrolment, Attendance, Completion and Graduation Rates", Business Perspectives, Volume 5, Number 1, January – June 2003, Birla Institute of Management Technology, New Delhi.
42. "Introduction to Computers and its Application in Education", Educational Technology, Volume 4, No. 5, 1991, All India Association of Educational Technology, 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.
44. "Lotus 1-2-3", Educational Technology, Volume 4, No.6, 1991, All India Association of Educational Technology, New Delhi.

45. "Population of Rajasthan in 2001 A D", Rajasthan Economic Journal, Volume 10, Number 1, January 1986, Rajasthan Economic Association, Jaipur.
46. "Production Performance of Principal Crops in Nagaur District of Rajasthan", Rajasthan Economic Journal, Volume 2, Number 2, July 1978, Rajasthan Economic Association, Jaipur.
47. "The Strategy to Meet Energy Demands in Arid Areas of Western Rajasthan" (co-author), URJA, Volume III, February 1978, New Delhi.
48. भारत में सभी के लिए शिक्षा: मिथक और यथार्थ, परिप्रेक्ष्य, वर्ष 1, अंक 2, अगस्त 1994, नीपा, नई दिल्ली !
49. शैक्षिक आंकड़ों की विश्वनीयता, परिप्रेक्ष्य, वर्ष 3, अंक 1, अप्रैल 1996, नीपा, नई दिल्ली !
50. शिक्षा तथा विकास के सूचकांकों के बीच संबंध में: एसिया-प्रशांत देशों का एक अध्ययन, परिप्रेक्ष्य, वर्ष 2, अंक 4, सितंबर, 1996, नीपा, नई दिल्ली !
51. शैक्षिक योजना के लिए सूचना संबंधित आवश्यकताएं और मौजूदा सूचना व्यवस्था की कमियाँ, परिप्रेक्ष्य, वर्ष 5, अंक 1-2, 3, अप्रैल-अगस्त 1998, नीपा, नई दिल्ली !
52. भारत में माध्यमिक शिक्षा की परिप्रेक्ष्य, वर्ष 9, अंक 3, 2002, नीपा, नई दिल्ली !
53. क्या प्रारंभिक शिक्षा में नामांकन के वैकल्पिक संकेतक हो सकते हैं? परिप्रेक्ष्य, वर्ष 11, अंक 3, दिसम्बर, 2004, नीपा, नई दिल्ली !

Mimeographed Articles

1. "Projecting Regional Population in Relation to National Population: Ratio Methods", NIEPA, New Delhi.
2. Work-Book on Quantitative Aspects of Educational Planning, 1987, prepared for Diploma in Educational Planning and Administration, NIEPA, New Delhi
3. "Use of Single Equation Econometric Techniques in Population Projections at the Sub-national Level", NIEPA, New Delhi.
4. "Regional Demographic Model" in Proceedings of 28th Annual Conference of All India Econometric Association, October 29- 31, 1991, Darjeeling.
5. "A Case Study of Computerized Personal Management Information System of Directorate of Education Himachal Pradesh", Shimla, August 1991.
6. "Microcomputers in Education: An Application - Use of LOTUS 1-2-3", NIEPA, New Delhi, October 1992.
7. "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.
8. "Student Flow and Stock Indicators", NIEPA, New Delhi, 1992.
9. "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.
10. "Basic Educational Data: A Compilation" Various Volumes, NIEPA, New Delhi.
11. "Development and Utilization 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.
12. "Full Literacy in Country by 2027", Report based on the article 'Education For All in India: Myth & Reality, Hindustan Times, April 2, 1993, New Delhi.
 13. "Projecting Population at the Sub-National Level by using Best Estimates & Best Combinations Techniques", NIEPA, New Delhi, 1994.
 14. "Networking of Computers", A paper presented in 'Workshop for Developing Literacy Resource Centre for Girls and Women in Bangladesh' held in Dhaka, Bangladesh during August 21-30, 1995.
 15. "Developing and Utilization 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.
 16. "Introduction to All India Educational Surveys on School Education, Educational Administration and Technical Manpower Information System", NIEPA, New Delhi, 1998.
 17. "Educational Data Collecting Agencies: An Introduction to Surveys Based on Household", NIEPA, New Delhi, 1998.
 18. Indicators of Educational Development", NIEPA, New Delhi, 1999.
 19. "Role of Diagnosis with Focus on Upper Primary Education, NIEPA, New Delhi, 2000.
 20. "Some Reflections on Sarva Shiksha Abhiyan", NIEPA, New Delhi, 2002.
 21. "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.
 22. "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.
 23. "Need of Monitoring and Set of Indicators under SSA", NIEPA, New Delhi, 2003.
 24. "Status of Drop-out Rate at Primary Level: A Note Based on DISE 2004 and 2005 Data", NIEPA, New Delhi, 2005.
 25. "Strengthening Educational Management Information System in India through U-DISE: A Story of its Evolution", paper presented in Comparative & International Education Society Annual Conference 2017, March 5 to 9, 2017, Atlanta, USA.
 26. "School Educational Quality Index: A Few Observations", 2019.
 27. "Meaning of Universalisation in the Light of Draft National Education Policy", 2019.
 28. "Technical Review of Educational Management Information System in Cambodia, Ghana, Sudan, Cambodia and Iraq".
 29. "Rise and Fall of U-DISE: The Untold Story", 2020.
 30. "Patterns of Decline in Enrolment & its Implications for Universal Secondary Education in India, An In-depth Analysis of U-DISE 2016-17 Data", 2019, Department of EMIS, National Institute of Educational Planning and Administration, New Delhi.

Other Contribution

1. Conceptualized *School Report Cards* which is the recipient of four National and Regional Awards. Got developed & maintained the following websites:
 - www.dise.in
 - www.schoolreportcards.in
 - <https://student.udise.in>
 - www.educationforallinindia.com
 - U-DISE Reporter Module
2. CDs containing DISE data (Various Years), NIEPA, New Delhi

Ph.D & M.Phil Guidance

Ph.D (Awarded)

1. Socio-Economic Status of Households and School Participation: A Study of Select Villages in Faridabad District of Haryana by Anshul Saluja, November 2020.
2. A Study on Policies and Practices Related to Teacher Management in Orissa by Sudhansu Sekhar Patra, October 2014.

M.Phil (Awarded)

1. A Study of Access and Participation at Secondary Education Level in District Baramulla of Jammu and Kashmir by Amira Wali, March 2012.
2. A Study of EWS Students Admitted in the Private Unaided Schools of Delhi under RTE Act 2009 by Versha Negi, 2016.

International Exposure

1. Thailand (12 Weeks) 'Three Months Internship Training Programme in Educational Statistics and EMIS', UNESCO-PROUAP, Bangkok, June 1st to August 30, 1987.
2. Bangladesh (1 Week) Invited by Asia-Pacific Cultural Centre for UNESCO, Japan to act as a Resource Person in 'Workshop for Developing Literacy Resource Centre for Girls and Women in Bangladesh' held at *Dhaka Ahsania Mission*, Dhaka during August 21-30, 1995.
3. Sri Lanka (3 Weeks) Participated in the 'Workshop on Quality of Education with Focus on Indicators of School Effectiveness' held at NIE, Colombo during September 6-20, 1995.
4. U.S.A (5 Weeks) Participated in 'Educational Policy and Planning Workshop' held at Harvard Institute for International Development, Harvard University, Cambridge, Massachusetts, June 16-July 19, 1996.
5. United Kingdom (1 Week) Participated in 'International Conference on Voices for Change: Providing Education for All', Cambridge Education Resource, University of

- Cambridge, September 15-17, 2000 and presented a paper on 'EFA in India with Focus on Elementary Education: Current Status, Recent Initiatives and Future Prospects.
6. Thailand (1 Week) Participated in 'Education Equity for the Asia and Pacific Region' conducted by the UNESCO Institute for Statistics, Montreal at Bangkok during December 13-16, 2004.
 7. France (1 week) Participated in 'Technical Workshop on Sector-wide Education Resource Projections' organized by UNESCO HQ, Paris during June 6-10, 2005.
 8. United Kingdom (1 Week) Participated and presented a paper in UKFIET OXFORD Conference on Education and Development at OXFORD, the United Kingdom during September 13-15, 2005.
 9. Thailand (1 Week) Participated in 'Intensive Workshop on EFA Plan Implementation' conducted by the UNESCO Regional Office, Bangkok and UNESCO Delhi Office from October 09 to 19, 2005.
 10. NEPAL (Nine Times) concerning 'NIEPA-NEPAL Project on Decentralization for developing District Primary Education Plan in Five Pilot Districts of NEPAL' between 2003 and 2004.
 11. Jordan (2 weeks) Participated as Chief Resource Person in the UNESCO-UNICEF sponsored Workshop on EMIS and Educational Statistics for the Officers of the Republic of Iraq conducted at the Dead Sea, Jordan from April 03 to 15, 2006.
 12. Jordan (2 weeks) Participated as Chief Resource Person in the Second UNESCO-UNICEF sponsored Workshop on EMIS and Educational Statistics for the Officers of the Republic of Iraq conducted at Aqaba, Jordan from July 23 to August 04, 2006.
 13. Bahrain (5 days), pleasure trip (April 15 to 20, 2006).
 14. Kuwait (5 days), pleasure trip (August 04 to 08, 2006).
 15. Cambodia (9 d ays) Invited by the Ministry of Education, Youth and Sport, Royal Government of Cambodia, Phnom Penh and Japan International Cooperation Agency (JICA) Cambodia to review EMIS and Data Analysis from December 17 to 25, 2007. Subsequently, a Training Workshop on EMIS Software and Data Analysis was conducted for the Planning Officers from the Royal Cambodian Government at NUEPA, New Delhi from June 23 to 27, 2008.
 16. Thailand (4 days) Participated as Resource Person in UNESCO-UIS Regional Workshop on Education Statistics, Bangkok, November 09 to 12, 2008.
 17. Thailand (3 da ys) Participated in the Regional Consultation and Strategic Planning meeting on the development of training modules to strengthen national statistical capacity in the monitoring of EFA, Bangkok, July 29 to 31 July 2009.
 18. Thailand (5 d ays) Participated in the Technical Workshop on Training Modules for Effective Monitoring of EFA Regional Consultation & Strategic Planning Meeting on the development of training modules to strengthen national statistical capacity in the monitoring of EFA, UNESCO, Bangkok, March 1 to 5, 2010.

19. Sudan (20 days) Technical Assistance to Southern Sudan for the Development of Sub-National NEF MIS as UNESCO Expert, Khartoum and Juba, Sudan from March 22 to April 09, 2010.
20. Thailand (3 days) Second Expert Group Meeting on Development of Training Modules to Strengthen National Statistical Capacity in EFA Monitoring, Pattaya, Chonburi, Thailand, 5-7 May 2010.
21. Malaysia & Singapore, pleasure trip: September 25 to October 3rd, 2010.
22. Singapore (2 days) Participated in Workshop on Demographic Bonus, Educational Opportunity and Equity, Human Capital Development, Labour Markets, and Ageing Issues: China, India and Indonesia, National University of Singapore (NUS), 5-6 July 2012.
23. Ghana (11 days) Technical Assistance to Ghana to review MIS and suggest modalities for its Improvement as JICA Expert, Accra, Ghana from August 26 to September 5, 2012.
24. United States of America, pleasure trip: May 17th to July 9th 2013.
25. United Kingdom (1 Week), participated in UKFIET OXFORD Conference on Education and Development at OXFORD, the United Kingdom during September 15-17, 2015.
26. Thailand (5 days), UIS Regional Workshop on Education Finance Data: 20-24 June 2016, UNESCO Bangkok.
27. United States of America (5 days) Comparative and International Education Society Annual Conference (2017) at Atlanta, March 4 to 9, 2017 participated and present a paper on Strengthening Educational Management Information System in India through the U-DISE United States of America (One Month).
28. Pleasure Trip: October 27th to November 26th 2017 United States of America (One Month)
29. Participate in Google Organized Local Guides Connect 2018 held at San Francisco (California), USA, and awarded for having to be the highest points on GoogleMaps throughout the World, October 16 to 19, 2018.
30. Pleasure Trip to North Carolina, USA, February 12 to April 4 2021.

Publications brought out based on the DISE Data




























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






















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FORTY YEARS OF ARUN C MEHTA at NIEPA, New Delhi

ABOUT THE AUTHOR

Arun C. Mehta
Formerly Professor & Head
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Ph.D. (Demographic Projections) from the University of Rajasthan, Jaipur; specialist in EMIS, Quantitative Techniques and Projections and Forecasting of Educational Data; authored books on Education for All in India, Enrolment Projections, Population Projections, and Upper Primary Education and contributed several research articles in journals and NIEPA Occasional Paper Series; published several reports annually based on DISE data; presented papers both at the Oxford and Cambridge Universities, Consulted by World Bank, UNICEF, UNESCO and ACCU (Japan), Trained at UNESCO Regional Office at Bangkok and Harvard Institute of International Development, USA. Was actively engaged in strengthening Educational Management Information System in India during 2001 to 2017 (January) at the national level and managed one of the World's largest information systems i.e. District Information System for Education (DISE/U-DISE).

Developed <http://schoolreportcards.in> & www.udise.in under the guidance of Prof. Mehta is the recipient of e-Governance 2010 & eINDIA 2010 National Awards & Manthan Award South Asia 2010 & EMPI Indian Express Indian Innovation Award 2012.

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