

## ***RESUME***



### **SATYA BHUSHAN**

#### **Associate Professor in Statistics**

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#### **EDUCATION:**

Ph.D (Statistics)

#### **Projects Completed**

2024	Representation of India in Social Science & Language textbooks of classes IX- XII of G20 Countries
2021	A Report on Rapid Survey of Digital/Online Education in COVID-19 Pandemic
2019	Assessing GCED Learning Outcomes: Mapping of Existing Assessment Methods in India (Sponsored by UNESCO, Bangkok)- Principal Investigator
2018	Assessment of Learning Levels students at Secondary stage (Cycle 2)". This is a national level large scale assessment program funded by MHRD Govt. of India. ( Coordinator)
2017	National Achievement Survey for classes III,V and VIII. This is a national level large scale assessment program funded by MHRD Govt. of India. ( Team Member)
2015	Assessment of Learning Levels of students at Secondary stage", a National Level project funded by Ministry of Human Resource Development, Govt. of India..( Co-coordinator)

### **Work in Education:**

1. “Module on NISHTHA: National Initiative for School Heads’ and Teachers’ Holistic Advancement (ISBN 978-93-5292-158-4)- Team Member  
NISHTHA is a capacity building programme for "Improving Quality of School Education through Integrated Teacher Training". It aims to build competencies among all the teachers and school principals at the elementary stage.
2. Coordinated four training of NISHTHA and took sessions as resource person in NISHTHA Programmes covering eight States in the country.
3. Customized “School Based Assessment” module of NISHTHA for online professional development of teachers on DIKSHA portal. DIKSHA (Digital Infrastructure for Knowledge Sharing) is a national platform for school education, an initiative of National Council for Education Research and Training (NCERT), Ministry of Education MoE. DIKSHA was developed based on the core principles of open architecture, open access, open licensing diversity, choice and autonomy as outlined in the Strategy and Approach Paper for the National Teacher Platform.
4. Prepared Hindi version of “School Based Assessment” module of NISHTHA for online professional development of teachers on DIKSHA portal.
5. Manual for Training Needs Analysis (TNA) for the conduct of In-service teacher training programmes. NCERT, New Delhi- Team member
6. Large Scale Learning Assessment: A Handbook for the Indian Context’, NCERT and RMSA TCA, New Delhi-( team member)
7. Learning Outcomes at Elementary Stage, NCERT , New Delhi ( Team Member)
8. Post National Achievement Survey 2017 intervention teachers training programmes at different State/ Union Territories. NCERT, New Delhi

## Publication

### Reports

1. India: Presenting the Impact Report (2024) of UNODC's RiseUp4Peace Initiative [unodc.org/documents/southasia/publications/RU4P\\_Impact\\_Report\\_Digital\\_Version.pdf](https://unodc.org/documents/southasia/publications/RU4P_Impact_Report_Digital_Version.pdf)
2. Member of Editorial Board of **UNESCO 2023 State of the Education Report: Education to address climate Change**, UNESCO Delhi Office, [Seeds of change: state of the education report for India 2023; education to address climate change; summary - UNESCO Digital Library](#)
3. National Report to Inform Policy, Practices and Teaching Learning: National Achievement Survey 2017 Classes 3, 5, and 8- under print ( team member), NCERT, New Delhi, 2020
4. Pre- Publication reviewed the report “[Understanding GCED in Asia-Pacific: A How-to Guide for ‘Taking It Local’ | UNESCO Bangkok](#) ( Refer page iv – acknowledgment)
5. Pre- publication reviewed the report “[GCED: A policymaking Awareness and Advocacy Handbook](#). ( refer page 2 – acknowledgment)
6. Pre- publication reviewed the report “[Global Citizenship Education: Advocacy, Practice and Awareness Handbook for Teachers | UNESCO Bangkok](#) ( refer page 2 – acknowledgment)

### Chapters in book

7. Media as a Catalyst: Fostering Peace Education in Indian Classrooms in Book “Implementing Peace Education to be published in the year 2025.
8. Early Childhood Care and Education in India: Some Concerns’, in the book “Indian School Education System: A Holistic View”, pg. 3-24, New Delhi (India), Kunal Publication (2011). ISBN-978-93-80752-95-4

### Articles

1. Ahmisa (Non-Violence), Gandhi and Global Citizenship Education (GCED)- **2020** <https://en.unesco.org/news/ahmisa-non-violence-gandhi-and-global-citizenship-education-gced>
2. Varada Mohan Nikalje and **Satya Bhushan** (2020) “ The Cultural Connect: Imprints of Vietnam in Indian Social Science School Textbooks” Vietnam Journal for Indian and Asian Studies , Vol. 2, No. 1 – 2020.

3. Satya Bhushan (2020), Early mathematics learning assessment: A mirror to Primary Mathematical School Readiness, *The Primary Teacher*, January 2018, NCERT ( in press).
4. Satya Bhushan (2018) 'Questioning in teaching of early mathematics: A review', *The Primary Teacher*, January 2018, NCERT .
5. Satya Bhushan and Santosh Sharma(2017): Mathematics Achievement of Class V students: A study of North Eastern States, *Journal of North East Studies*,7(1): 125-133.
6. Satya Bhushan, "Inclusion in Early Childhood Care and Education in India: Programs and Poses." ARNEC connections working together for Early Childhood, No. 8, 2014.
7. Satya Bhushan, 'Disability in North East India: Issues on Human Rights' Ability in Disability, No.1, Vol. 2, July 2007, New Delhi.
8. Satya Bhushan, "Mistakes and Measures in Marketing Research Surveys: A note". *The Journal of Indian Management and Strategy*, July- September 2002.
9. Satya Bhushan "Non-Markovian Queueing Model with parallel Service Channels." *International Journal of Information & Management Sciences* Vol.1, No.2; 1-10 June 1995.
- 10.Sharma, S.D. & Satya Bhushan, "Stochastic Model of K-Parallel service Channels with non-Markovian Departure". *Proceedings of National Conference on Mathematics for industrial Development*; 21-24 March 1994, Institute of basic sciences, Agra, India.
- 11.Sharma, S.D. & Satya Bhushan, "On a Stochastic Model of Multiple Parallel service Channels ". *Proceedings of First annual Conference of Indian Society of Industrial and Applied Mathematics*, University of Roorkee, Roorkee, Feb.4-7, 1993.
- 12.Sharma, S.D. & Satya Bhushan "On a stochastic Model of a non-Markovian time dependent queueing system with general Inter-transition time Distribution." *Microelec.and relia.* Vol.32 No. 12 (1992).

### **Workshop/ Conference/Seminar**

#### **International**

1. Attended online International expert meeting for UNESCO Korea Funds-in-Trust Project "Promoting Global Citizenship Education in the Asia-Pacific Region through a Whole-School Approach" Friday, 25 February,2022

2. Attended CLOSED-DOOR EXPERT meeting of Inaugural Missing Education Data Summit: Conceptualizing and Addressing Education Data Gaps for SDG 4 on 2 December 2021
3. Attend an online meeting Global Alliance to Monitor Learning (GAML) on Thursday 28 October 2021 at 13:00-18:00 (Paris time)
4. Attended an online 8<sup>th</sup> meeting of the TCG (TCG8) on 2 November 2021
5. Attended online Third Annual Meeting of GCED Global Actors' Platform held by APCEIU and UNESCO virtually on Friday, 29 October 2021
6. Attended Participated Asia-Pacific Regional Global Citizenship Education (GCED) Network: GCED “Taking It Local” Online Workshop for Master Trainers. Oct 15, 2021, UNESCO Asia-Pacific Regional Bureau for Education
7. Attended Online “20th Asia-Pacific Training Workshop on Education for International Understanding (APTW) from 5 to 16 July 2021 hosted by the Asia-Pacific Centre of Education for International Understanding (APCEIU) and sponsored by the Ministry of Education of the Republic of Korea.
8. Participated in UNESCO 2019 Forum on Education for Sustainable Development and Global Citizenship Organized by UNESCO, in cooperation with the Ministry of Education and Training of Viet Nam and the Viet Nam National Commission for UNESCO and the Asia-Pacific Centre of Education for International Understanding (APCEIU). 2 – 3 July 2019 ,Melia Hotel ,Ha Noi, Viet Nam.
9. Participated in 4th International Conference on Global Citizenship Education: Platform on Pedagogy and Practice – Reconciliation, Peace, and Global Citizenship Education (3-4 September 2019), held in Seoul, Republic of Korea.
10. Participated in the 2019 Asia-Pacific Regional Global Citizenship Education Network Meeting, held in Seoul, Republic of Korea, 5 September 2019.

## **National**

1. Presented a Paper “Disability Data in India: Issues and Challenges for policy and Planning on Inclusive Education” in the National Conference on Policy and Planning

of Inclusive Education with Focus on CWSN organised by NUEPA during 9-10, November 2017, New Delhi.

2. Paper presented a paper “Challenges in Early Child Education and Sustainability in India: Some Evidence” in National Consultation Meet on Sustainability in Context of early Childhood Education organised by the DEE, NCERT, New Delhi from 21-22 November, 2017.
3. 2<sup>nd</sup> National conference on Statistics for Humanities and Social Sciences (NCSHS-2018) under the theme of STATISTICS FOR A BETTER FUTURE is taking place at Department of Lifelong Learning, University of Rajasthan, Jaipur, Rajasthan during September 04-05, 2018.
4. Presented a paper “ Assessment in changing and challenging world “ in National workshop on Assessment and Evaluation on March 19-20<sup>th</sup> 2018 at Institute of Advanced Studies in Education, Govt. college of Education ,Srinagar.
5. Presented a paper “ **Violence in schools: Concerns and consequences**” in the 9<sup>th</sup> Annual International Conference of the comparative Education Society of India on the theme “ Modernity, Transformative Social Identities and Education in comparative context” held during 14-16 December , 2018 at Department of Sociology, Faculty of Arts, M.S. University of Baroda, Vadodara, Gujarat, India.
6. Presented a paper” Data Use by School Leaders in School Improvement: Evidence based Pathways” in the National Conference on Leadership Pathways for School Improvement organised by National Centre for School leadership , NEIPA during 22-24, 2019.
7. Presented a paper in “ Integrating Global Citizenship Education in school education: opportunities and Challenges” in national conference on “Education for the Knowledge Society: Opportunities and Challenges dated 7-9 March, 2019 at Central Institute of Higher Tibetan Studies, Sarnath, Varansi.
8. Attended Five Day workshop on “Enhancing of Teaching and Learning skills in Statistics” held on March 12-16<sup>th</sup>, 2019 organised by Central university of Rajasthan, Ajmer Rajasthan.

### **Member of Professional Organizations / Associations**

1. Network for International Policies and Cooperation in Education and Training (NORRAG)
2. Comparative Education Society of India (CESI).

2. International Indian Statistical Society (IISA)
3. Inter-Agency Network of Education in Emergencies (INEE)
4. Asia Pacific Regional Network for Early Childhood (ARNEC)
5. Global Citizenship Education Network, UNESCO Bangkok
6. Rajasthan Statistical Association, Jaipur, Rajasthan

**Reports :**

1. What Students Know and Can Do: A Summary of National Achievement Survey Class X, 2015: NCERT, New Delhi.
2. '8<sup>th</sup> All India School Education Survey: A Concise Report', New Delhi: NCERT [ISBN: 978-93-5007-764-1].
3. 'Schooling Facilities in Rural Areas: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-800-6]
4. 'Schools, Physical and Ancillary Facilities: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-807-5]
5. 'Media Of Instruction And Languages Taught: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-799-3]
6. Teachers and Their Qualifications: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-798-6]
7. 'Some Important Educational Indicators: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-802-0]
8. 'Schooling Facilities for Children with Disabilities: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-797-9]
9. 'Pre-Primary Education and Alternative Schooling: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-801-3]
10. 'Enrolment in Schools: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-808-2]

11. 'Incentive Schemes: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-809-9]
12. 'Specific Facilities In Secondary and Higher Secondary Schools: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 98-93-5007-810-5]
13. 'Vocational Education in Schools: 8<sup>th</sup> All India School Education Survey', New Delhi: NCERT, [ISBN: 978-93-5007-811-2]