

Dr. Amarendra P. Behera

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Obtained his Bachelor's of Arts (with Education Honours) from B.J.B. College, Bhubaneswar, Odisha affiliated to Utkal University, Odisha in the year 1989), Master's of Arts in Education (from Panjab University, Chandigarh in the year 1991- also stood First and won University Gold Medal for academic excellence) and got the degree Master's of Philosophy in Education (from Kurukshetra University, Haryana in 1992), and Doctor of Philosophy in Education (from Kurukshetra University, Haryana, in 1998). His doctoral work was on the theme“ Effect of Radio Intervention Programme on the Language and Cognitive Development of Preschool Children” He has been associated with the education system in India in various capacities. Began his career as a Lecturer in Education in Govt. Women's College, Jeypore, Koraput District, Odisha in 1995. Joined the NCERT (an autonomous body set up under the aegis of the Ministry of Education, Government of India) as Lecturer in Educational Technology (Training) in 1996, He became Reader in 2005, Associate Professor in 2008 and Professor of Educational Technology in 2011. Dr. Behera has worked as Head of Department of ICTs and Training of CIET, NCERT between 2012-2017. Dr. Behera is currently working as Joint Director at Central Institute of Educational Technology (CIET) a constituent of NCERT. He has diversified his involvement into educational technology, media-particularly radio, television, interactive contents, multimedia, new media, social media and Information and Communication Technologies (ICTs) in Education etc.

His major contributions include development and dissemination of audios-videos, interactive programmes, management of school broadcasts, telecast through All India Radio (AIR) stations, FM and Community Radio Stations, DD, SWAYAM Prabha, PMeVIDYA etc., development of media materials, design and organisation of Courses and Training in different aspects of Educational Technology (ET) - especially in Script writing and story boarding, production techniques, instructional design for multimedia programmes, Research Methodology for ICTs in Education, Use and integration of ICTs in Education and development of ICT curriculum for schools, development and launching of Online Courses i.e. MOOCs on SWAYAM, DIKSHA, NISHTHA, and design and telecast of Educational TV programmes on PMeVIDYA (one class one channel) Gyan Darshan, Gyan Vani, 24x7 DTH-TV Channel SWAYAM PRABHA etc.

He has been a Core team member and Faculty of Curriculum Group, NCERT. Provided academic support to 21 National Focus Groups (on Curricular Areas, National Concerns and Systemic Reforms) which provided inputs for formulation of the National Curriculum Framework (NCF) - 2005 in India. Dr. Behera provided support in translation and printing of NCF into Indian Languages (22 Languages) included in the VIII Schedule of Indian Constitution and disseminated those among teachers and teacher educators across the country in face to face and distance mode. As a member of the state level steering committees he was associated with the curriculum revision process of Bihar, Chandigarh,

Chhatisgarh, Haryana, Himachal Pradesh, Jharkhand, Kerala, Odisha, Mizoram, Rajasthan states/UTs etc. Worked as a national coordinator for the states/UTs process for revision of school curriculum in all the states and UTs in India. Disseminated the vision of NCF through teacher training and workshops in face-to-face (for Teachers of Rural schools, DAV, KVS, NVS and CTSA School teachers etc.) and distance mode (covering a large number of states/UTs through video conferencing using satellite network involving thousands of teachers and teacher educators (from Schools, DIETs, SCERTs/SIEs, CTEs, IASEs, Education Department Faculty of Universities etc.). Also provided resource support in training of teachers and teacher educators under SSA, RMSA and Samagra Shiksha structure through face to face mode and distance mode. Involved in dissemination of the vision of NCF among SAARC countries through planning and organisation of seminar on curriculum policies.

He has been associated with creation of e-groups, blogs, forums, competitions, events, and courses to help teachers and children in cooperative and collaborative learning and learn better. He is actively involved in planning, designing and executing methods and techniques in the appropriate use of ICTs for enhancement of teaching learning, cost-effective uses of ICTs for cooperative and collaborative learning situations, and Free and Open Source software. He has created about 100+ learning communities (e-groups, blogs) and continuously networking with teachers and teacher educators on use of new technology and pedagogy. He is also using mobile technology for dissemination of educational messages.

Provided resource support to national and international organisations/Ministry i.e. NIOS, KVS, NVS, CTSA, SCERTs/SIEs, EMPC - IGNOU, CEC-UGC, ISLRTC-MoSJ&E, HRDCs of Indian Universities, CEMCA-COL, UNESCO, USEFI, UNICEF, USAID, NIE-Srilanka, NIE and OUM Mauritius on designing SSP portal and app, educational technology, ICTs in education media, cyber safety and security, cyber bullying and curriculum development related issues. Collaborated with various agencies for tech led innovation - Google, Intel, HP, Microsoft etc.

Written and published papers in various national level journals, attended and presented papers, chaired technical sessions in several national and international seminars/webinars as well. Guided four doctoral thesis and evaluated more than 30 Ph.D. thesis from different universities.

Dr. Behera has been associated with implementation of ICT components in schools under Samagra Shiksha, Digital India vision, organisation of National ICT Award for school teachers, teacher educators in states/UTs, ICT Curriculum for School Teachers and Students, ePathshala web portal and mobile apps (epathshala.gov.in), DIKSHA portal and app and school MOOCs on SWAYAM, SWAYAM Prabha DTH TV Channels, NISHTHA - Integrated Teacher Training, MANODARPAN, PMeVIDYA, NDEAR etc.

Dr. Behera was associated with major research projects i.e. Impact Study of Educational Technology Scheme in India; Evaluation of Operation Black Board and ICDS Scheme; Feedback Study on Satellite network of Rehabilitation Council of India (RCI); piloting of General Educational Quality Analysis/Diagnosis Framework (GEQAF) tools developed by UNESCO in India; Quality Assurance in Multimedia Learning Materials (QAMLM) by

COL-CEMCA, Third Party Evaluation of ICT@Schools Scheme in Karnataka, UT-Chandigarh, Rajasthan and Evaluation of E-Classroom Project of Kendriya Vidyalaya Sangathan (KVS) and National Capital Territory of Delhi. Dr. Behera attended several international events including Global ICT Conference at Seoul, South Korea and also supported UNESCO in implementation of GEQAF in the Sultanate of Oman, Muscat and programme on Textbook Evaluation and collaboration with various institutions in the Republic of Korea, Seoul which was sponsored by the Korean Embassy, New Delhi/Academy of Korean Studies. Under Sakura Science Programme of Japan Science and Technology Agency (JST), Dr. Behera participated alongwith a 103 member delegation (90 students and 13 teachers from various parts of India) at Tokyo-Japan for science and technology exposure to various research institutes working for science and technology, training on media programme production and ICTs in Education for School Teachers and Media Experts from Sri Lanka. Also Dr. Behera participated and contributed in ICT4ED Expert Group Meeting-Role of Programming and Coding in Education at Seoul, Korea organised by KERIS-Govt. of Korea and UNESCO and presented ICT Initiatives in School and Teacher Education in India. Dr. Behera is involved in training of State Resource Group (SRG) members of States and UTs on ICTs in Education and National ICT Fair, Competition for eContents and involved in promoting the vision of Digital India Campaign at various levels, integrated teacher training through NISHTHA 1.0 elementary, 2.0 Secondary and 3.0 Foundational Literacy and Numeracy (FLN) school teachers and head teachers in India in face-to-face, blended and online mode. Dr. Behera has provided support to the Republic of Mauritius for designing and rollout of an Open Educational Repository (OER) portal and app for Student Support Services (SSP) and capacity building of Teachers and Teacher Educators from Mauritius on ICTs in Education and Learning. Also visited Curtin University Perth, Australia, National Central University Taiwan for experiencing the innovative work done.

Recently Dr. Behera is associated with Digitisation of Textbooks, development of QR Codes and energized textbooks, designing and running of MOOCs on SWAYAM (swayam.gov.in), NISHTHA (nishtha.ncert.gov.in), ICT Curriculum (ictcurriculum.gov.in) and DIKSHA - One Nation, One Digital platform (diksha.gov.in) platform, Telecast of Educational TV Programme on SWAYAM PRABHA (swayamprabha.gov.in) and 12 PMeVIDYA (one class, one channel) DTH-TV channels.

Currently Prof. Behera is involved in implementation of the vision of National Education Policy (NEP) - 2020 through development and management of NCF Tech Platform to obtain inputs for formulation of NCFs through a bottom up approach and paper less manner. Dr. Behera is also working as Member Secretary of the National Focus Group on Technology in Education to develop a position paper which will provide inputs for formulation of NCFs. He is also involved in implementation of Budget Announcement done by the Government of India for the year 2020-2021, 2021-2022 and 2022-2023. Also involved in development of quality digital contents including AR/VR, virtual labs, talking books, ISL videos, development of MOOCs for SWAYAM and DIKSHA and it's simultaneous dissemination through portals, apps, telecast, broadcast, podcast, IVRS etc. as a resilient and coherent solution even during COVID pandemic situation across the country.

Prof. Behera has received an award from the then Honourable President of India (Sh. Pranab Mukherji) for promoting ICTs in Education especially the online/on air learning.