

Gurumurthy Kasinathan Curriculum Vitae 2017

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EXPERIENCE SUMMARY

Gurumurthy Kasinathan is founder and director of IT for Change. He has 28 years of experience in the development and corporate sectors. Guru leads the organisation's work in research, demonstration projects, and policy advocacy in the area of education, and also works on systemic teacher education reform. His areas of expertise include open educational resources, ICT integration in education and school leadership. He has designed and conducted evaluation of ICT programs in school and teacher education, and implemented state-wide teacher education programs, adopting a 'professional learning community' approach.

KEY AREAS OF WORK

- Led the 'Subject Teacher Forum' programme, a capacity building program of Rashtriya Madhyamik Shiksha Abhiyan (National Mission for Secondary Education), Department of Education, Karnataka, to use digital tools and methods to create a network of teachers and officials for peer learning and digital resource creation. More than 14,000 Mathematics, Science, Social Science and English teachers have been trained to become members of the forums and have interacted with one another through over 62,000 emails in around four years, which is the largest virtual interactions of its kind in the country. (2010-2016)
- Leads the 'Subject Teacher Forum' programme for Assam, India and Andhra Pradesh, India. (2015 - 2016)
- Leads the Karnataka Open Educational Resources (KOER) action-research programme of IT for Change (2014-ongoing) with Department of State Educational Research and Training, Government of Karnataka that aims at building a context-appropriate, cutting-edge Open Educational Resource model for curricular resource design and development in the public education system. The resource portal developed under this programme using Wikipedia software has had more than 5,000,000 page views in 48 months. The KOER portal has been recognised by policy makers at state and national levels in India. The KOER research study is part of a global network of OER Projects, the 'Research on OER for Development' (ROER4D) which is supported by IDRC, to study and understand the development of high quality and cost effective OER for the developing world. The project covers countries in South America, Africa and Asia.
- Part of the Teachers Community of Learning (TCOL) programme, an intensive teacher-education programme in all government high schools in Bengaluru South 3 Block, Bangalore South district. The programme focusses on teacher-education, classroom processes and school leadership for institutional change. (2010-ongoing)
- Led the 'Chiguru' project, part of the 'Kalike' programme, supported by the Sir Ratan Tata Trust, in the socio-economically backward district of Yadgir, Karnataka. In this project, IT for Change worked with teachers and schools on ICT integration for teacher-education, classroom processes and school leadership. (2010)
- Led a project on '*Open Street GIS Mapping*' in Mysore, with support from UNESCO. (2012-13)
- Designed programs to help NGOs, academic institutions adopt public software (free and open source software) in their institutions. These include well known and large organizations in and outside Karnataka. (2008-ongoing)

- Part of a program with Indian Institute of Technology (IIT) Mumbai (www.SpokenTutorials.org) on creating CBTs a part of a MHRD program – National Mission on ICTs in Education (NMEICT) – www.Sakshat.Ac.in. In this project, we also worked with National Institute for Technical Teachers Training and Research, NITTR (MHRD) to revise syllabi of the Department of Technical Education's courses. (2010-2012)
- Supports networks of educationists across India (ict-education-india@googlegroups.com) and a founder of the FOSSCOMM (network of Indian FOSS communities). (2010-ongoing)
- Participates in the 'Internet Governance' (IG) program at ITfC, which covers research as well as advocacy on the global governance of the Internet.
- Member of various committees and groups setup by the IGC, the premier civil society body in this space.
- Member of the 'JustNet Coalition (JNC), a global coalition of civil society organisations for democratising IG. IT for Change is a founding member of JNC.

RESEARCH STUDIES

- Led the research study on [ICT@Schools](#) programmes in Kerala and Karnataka, 2009
- Led the research study on University School Resource Network programme, 2010 - 11
- Led the research study on ICT Programmes in Yadgir district, Karnataka 2010
- Led an action-research on use of videos for non-formal education of adolescent school drop outs with Mahila Samakhya in Mysore district, this was supported by UNICEF 2010-11
- Participated in an evaluation of the Mahila Samakhya program, Uttar Pradesh, for Government of India 2005
- Have written policy briefs, case studies, reports relating to learning systems and processes using ICTs (see www.ITforChange.net/education and www.ITforChange.net/governance)

OTHER WORK AREAS AT IT FOR CHANGE (2005-10)

- Participated in the programs of the 'Centre for Community Informatics and Development' of IT for Change, including the 'Mahiti Manthana' program which uses ICTs for supporting Mahila Samakhya, a womens empowerment program of GOI. The program was funded by UNDP/GOI
- Participated in the research on tele-centres done by ITfC, covering several states in India.
- Participated in the 'gender-is-citizenship' program of ITfC which aims to create a learning network of feminist organisations, engaging with ICTs, across South Asia.
- Participated in the capacity building of NGOs in using GIS (Geographical Information Systems) through OpenStreetMaps and Wiki for building information repositories and sharing
- Designed and conducted regional, national and international conferences on ICTs and education

PREVIOUS EXPERIENCE

- 11 years in the IT business sector in a global IT product and services company (i-flex solutions Ltd, now Oracle Financial Software Services) 1992 - 2004
- 6 years in the Government of Karnataka, Education department, in the Policy Planning Unit, Deputed by the Azim Premji Foundation as part of its collaboration with the Department of Education, Government of Karnataka. 2004 - 2010
- 7 years as visiting faculty at the Tata Institute of Social Sciences, a deemed university, teaching ICT and Education, and Education Leadership and Management courses in their MA in Education program (blended program), in Mumbai and Hyderabad campuses 2006 – 2011 Mumbai and 2014 – 2016 Hyderabad

- 6 years in Education Technology, Education Leadership and Management and Educational Policy (in the Azim Premji Foundation, an NGO). 2004- 2010
- 4 years in Management Consulting (KPMG Management Consulting) 1989 - 1992

COUNTRIES OF WORK EXPERIENCE

Ghana, India, Malawi, Malaysia, Nigeria, Mozambique, South Africa, Sri Lanka, Tanzania, Thailand, Uganda, United Arab Emirates, USA, Zambia, and Zimbabwe.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS/ ORGANISATIONAL GOVERNANCE STRUCTURES

- Member of several committees set-up by Ministry of Human Resource Development, National Council of Educational Research and Training, Directorate of State Education Research and Training, Karnataka relating to ICTs and education, including distance learning, curriculum design and teacher education.
- Member of State Resource Group and ICT Curriculum Committee of Directorate of State Education Research and Training, Department of Education, Government of Karnataka
- Member, Comparative Education Research Group, India
- Member of Institute of Chartered Accountants of India

MEMBERSHIP OF COMMITTEES

- Member of several committees setup by Ministry of Human Resource Development, National Council of Educational Research and Training, National Council for Teacher Education (apex educational institutions in India) dealing with ICTs and education – policy, curriculum and text books
- Ministry of Human Resource Development on ICT and Education
- Governing Board member, Regional Institute of Education, Bhopal
- Ministry of Human Resource Development committee on teacher education (coordinator of a sub-committee on ICTs and teacher-education)
- National Council for Teacher Education committee for implementation of the Justice Verma Commission report on teacher-education
 - National Council for Teacher Education committee on distance education and ICTs for teacher-education
 - National Council of Educational Research and Training committee on quality education
- Member of a committee setup by Department of Personnel and Training, Government of India on using the digital opportunity for proactive disclosure in India's right to information law.
 - ICTs and education – policy, curriculum and text books
 - Revised curriculum for pre-service teacher training (ICT mediation in teaching-learning)
 - ICT@Schools program text book
 - Committee on ICT curriculum for the schools
- Member of committee on evaluating e-content for the Government of Gujarat

EDUCATIONAL QUALIFICATIONS

- Institute of Chartered Accountants of India - ACA (Associate Member of Institute). 1988
- University of Bombay - MCOM (post graduate / Masters in Commerce). 1990
- University of Bombay - BCOM (Bachelors in Commerce). 1988
- Foundations of Education course – Digantar Foundation. 2008
- Government Commercial Diploma, Government of Maharashtra, 1984

SELECT WRITINGS

- Subject Teacher Forum - an ICT integrated model of in-service teacher-education by Gurumurthy Kasinathan and Ranjani Ranganathan, paper presented at the [National Conference on ICT in Education, organized by the Regional Institute of Education, Mysuru February 2017](#).
- Exploring an ICT program through the TPACK lens - Case Study of IT@Schools, Telangana by Sriranjani Ranganathan and Gurumurthy Kasinathan, paper presented at the [National Conference on ICT in Education, organized by the Regional Institute of Education, Mysuru February 2017](#)
- Professional Learning Communities and collaborative OER in Karnataka, Research Report from IT for Change for the ROER4D global research network, January 2017
- [Upscaling participatory OER by a professional learning community of teachers to the national level, 2016](#)
- [Some Education Leadership and Management \(ELM\) reflections, April 2016](#)
- Domination and emancipation, a framework for assessing ICT and Education programs, 2015, paper presented at 6th Annual International Conference of the Comparative Education Society of India
- [“The means are the ends”: The alignment between OER and FOSS, 2015](#)
- ICT mediation in teaching learning - Karnataka DEd curriculum revision - DSERT, 2012
- Layered approach to Teacher Education and distance education – NCTE. 2012
- Policy Toolkit Teacher education with Public Software, 2012
- ICTs for Teacher Education for 12th five year Plan Guidelines - revitalization of DIETS. MHRD, 2012
- Brief note on Policy for Teacher Professional Development (TPD) in Karnataka, March 2011
- Teacher education policy brief for Karnataka Knowledge Commission, 2011
- Responding to the learning and developmental needs of out-of-school adolescents. 2011 (action-research)
- School leader – academician or administrator – Learning Curve. 2011
- Research study of ICT programs in schools in Yadgir, Karnataka. Ratan Tata Trust.2010.
- Assessment - A review of Five years of ICT capacity building programs in Karnataka. Government of Karnataka, 2010
- Impact Assessment of the University School Resource Network program, Delhi University, 2010
- A review on the “Shiksha Samarthan Karyakram” of Digantar, from an Education Leadership and Management Framework. 2009
- Policy Brief – Comparative study of the ICT in school programs of Kerala and Karnataka, 2009
- Axes of assessment reform, 2008
- Capability Maturity Model and School Institution building. 2008
- Enhancing Effectiveness of Education System – Herzberg two factor motivation model and education system, 2007
- IT Perspective Plan for the Education Department of Karnataka. 2007
- Monograph on the Leadership and Management Development program in Education, department, Karnataka, 2007

MEDIA

- Deccan Herald – Schools for Community, not CSR <http://www.deccanherald.com/content/546890/govt-schools-community-not-csr.html>
- Hindu - i-cage for the education system <http://www.thehindu.com/todays-paper/tp-national/tp-karnataka/article2841614.ece>
- Hindu - FOSS can greatly benefit digital SMEs <http://www.thehindu.com/todays-paper/tp-national/tp-karnataka/article2581632.ece>
- Deccan Herald – SSLC District Rankings, a game - <http://www.deccanherald.com/content/478971/sslc-district-rankings-game.html>