Sriranjani Ranganathan

Foundation for Education, Ecology and Livelihood
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Current Position

• Director, Foundation for Education, Ecology and Livelihood

Experience Summary

Around 21 years experience across education and corporate sectors

➢ Leadership experience in different settings – community organizations, civil society organizations, corporate organizations and in education networks and teacher forums

➢ Over 17 years of experience working in education in different roles – teacher, teacher educator, volunteer – with different organizations

➢ Key areas of experience in the education sector include early childhood education, maths, science and language (English) teaching, curriculum design for integrating technology in teaching learning processes, teacher education, designing and conducting blended learning programs, development of digital content using multiple platforms and applications, research and writing about educational practices and innovations as well as designing ideas for overall school development

➢ Experienced working with students and teachers across in different contexts across age levels and designing learning materials and classroom experiences

➢ Experienced working with the public education system, developing communities of teacher for continuous professional development, with teachers for schools in Karnataka, Telangana, Andhra Pradesh and Assam

➢ Designing curriculum and lessons with students and teachers for technology integration in teaching learning for designing inclusive, democratic classrooms

➢ Experienced designing and managing large projects in the corporate sector as well as skilled in planning, financial budgeting and forecasting

Work Record

1. Foundation for Education, Ecology and Livelihood (FEEL)

July 2017 – present

FEEL was set up a group of like-minded individuals – educationists by background – to address the challenges of environmental degradation and that of sustainable rural development. The organization was set up in 2014 to formalize and take over the running of the Kaigal Education and Environment Program of the Krishnamurti Foundation India. The Kaigal Education and Environment Program, which began in 2002 has been working in tribal and rural communities adjoining the Kaundinya Wildlife Sanctuary in Chittoor District of Andhra Pradesh.

FEEL works in the areas of education – through tribal schools and education environment programs - conservation and community empowerment through sustainable livelihood options.

Position Held – Director

As the Director of the organization, I hold overall responsibility for the management of all the activities, alongwith the Trustees.

The scope of overall organizational leadership, includes the following:

- Leadership for the program activities and supporting the field leaders and co-ordinators to design and implement programs in the areas of education, conservation at the field centre and in surrounding communities
- Liasing with government and statutory bodies and building institutional linkages and networks
- Providing managerial and strategic support to the community enterprise for sustainable livelihoods
- Designing curriculum and teacher development programs for the tribal schools and developing technology integrated learning modules for the schools
- Conceptualizing and implementing the programs in the community education centres, including knowledge documentation with the local communities
- Leading the educational outreach programs of the organization, especially in the areas of inclusive education and environment education
- Supporting the field co-ordinators in the conduct of environment education programs
- Planning and implementing different conservation programs within the field centre and surrounding communities
- Providing oversight as well as contributing to the different reporting requirements as well as communication outputs of the organization

2. IT for Change, (ITfC) Bangalore 560041, India
From: 2011 April to June 2017 (full-time)
From July 2017 – Jan 2018 (part-time) and presently associated as a consultant

Position Held - Deputy Director
ITfC aims to promote the use of information communication technologies (ICT) for social change and development. As a Deputy Director, my responsibilities include overall management of the work, planning work areas as well as oversight for specific projects.

Teacher Education Programs and Research
- Leading the work on demonstrating ICT integration models in schools for teaching learning processes through a community of learning across a block of government schools
- Collead for the program with the school education department, on the 'Subject Teachers Forum' (STF) program which aims to build an online network of teachers and teacher educators for peer learning.
- Participant and co-researcher in the project for creating Open Educational Resources (OER) with a collaborative community of teachers; providing academic and resource support to the teachers for the creation of resources and co-ordinating the design and development of the web-based OER platform.
- Supporting the online forums and resource portal for the teacher education program in Karnataka
- Course faculty and mentor for the first Massively Open Online Course in India, offered by NCERT and Commonwealth of Learning
- Developing curricular materials and textbooks for technology integration in schools and in teacher education programs, areas of expertise include Maths, Science and Language

Curriculum development

- Developed the National ICT curriculum and materials as a core committee member of the curriculum group set up by the National Council of Educational Research and Training (NCERT)
- Developed the ICT textbook for the Telangana Education Department for ICT in schools from classes 6-10
- Developed and implemented the ICT and Education course for the MA Education program at Tata Institute of Social Sciences, Hyderabad
- Member of the ICT curriculum convening committee of Directorate of State Education Research and Training (DSERT) for developing the ICT Mediation paper in for the Diploma in Elementary Education program (D.El.Ed)
- Designed and implemented the the technology integration course for the B.Ed program of Vijaya Teacher's College
- Participated in the DSERT committee for creation of an ICT textbook for inclusion and incorporation of public educational tools in the transaction of syllabus for Class 8
- Delivered the MA program in TISS in a blended mode (physical and online instruction) which was implemented using the Moodle platform

Technology design, module development and training experience
- Collaborating with the NCERT on design aspects of the National Repository of Open Educational Resources (NROER)
- Designed and co-developed the wiki-based repository for open educational resources in Karnataka
- Developed video resources on free software educational tools like STEP and Geogebra
- Leading a programme with Indian Institute of Technology (IIT) Mumbai on creating CBTs on use of free software tools as a part of a MHRD program – National Mission on ICTs in
- Education (NMEICT) – www.Sakshat.Ac.in.
- Leading the work for capacity building in higher education (polytechnic colleges) in the use of Free and Open Source software (public software) in the transaction of syllabus in the colleges. Planned, designed and implemented the training programme at MEI Polytechnic and MNTI Polytechnic Colleges
- Member of the team that designs programs to help NGOs, academic institutions adopt public software in their institutions. Responsibilities include planning capacity building programmes for individual organizations, follow up and co-ordination to ensure implementation support as well as conduct workshops for organizations
- Advocacy with the Directorate of Technical Education for the inclusion of Free and Open Source Software tools in the curriculum

2. The Valley School, Krishnamurti Foundation India, Bangalore
From: February 2008 to April 2011

Position Held – Teacher, Valley School
- High school teacher in Physics, Math and Environment Science
- Group teacher for the junior school vertical age group, besides developing materials for math and the sciences.
- Development of a core math curriculum for Class 8.
- Teaching remedial English for rural children around The Valley School as part of the school's outreach program.

- Resource person for the Kaigal Environment and Education Programme, an initiative for environment conservation and community empowerment in southern rural India, working with teachers and students. As the program evolved into livelihood generation, I supported the core group in initial ideation, processes and tools for accounts and tracking.

3. Raritan Valley Montessori School, Bridgewater, New Jersey
From: August 2006 – December 2007
Position Held – Intern, Teacher
Co-teacher in the Raritan Valley Montessori School teaching primary and elementary age children

4. Learning Network Initiative
From: August 2002 – February 2010

Position Held – Founder, volunteer
- One of the founder members of the learning network a volunteer driven network for bringing together people in the area of alternative education
- Been a part of the editorial team for the annual conference magazine
- Held administrative responsibilities during the annual conferences and to contribute to the growth of the learning network

5. Bristol Myers Squibb
From: August 2005 – June 2006

Position Held – Manager, Managed Care Operations
- Responsible for pricing and analytical support for the pharmaceutical business in the managed care market, including Medicare billing
- Negotiation and development of contracts.

From: June 2003 – July 2005
Position Held – Senior Business Analyst
- Pricing and financial analysis for bid submissions to major group purchasing organizations, hospitals and other healthcare facilities
- Assistance in preparation and submission of bid documents, contracts and contract support
- Developing contract management applications and tools and training the sales force
- Responsibility for managing the government contracting business of the company
- Assistance in designing new contract management systems for the Business Analysis group and business process design

6. Industrial Development Bank of India
From: June 1995 – December 1999

Position Held – Manager, Capital Markets
- Acted as Project Manager for public issue of debt by IDBI with responsibilities for instrument structuring, due diligence and marketing for issue
- Business development for the capital markets division
- Project appraisal for investment decisions for major oil and gas and power companies.

- ➢ Worked with the government on disinvestment of Public Sector Units (PSU)
- ➢ Project monitoring for small and medium enterprises in the Southern regional office

Membership of Professional Associations / organisational governance structures
- ➢ Member of ICT curriculum development set up by the NCERT
- ➢ Member of syllabus development committee for certificate course in elementary science education set up by NCERT

Educational qualifications (Institute – Degree - Major subjects - Year Month)
- ➢ AMS Montessori Certificate - June 2007
- ➢ Drexel University, Philadelphia, Master of Business Administration, March 2002, Recipient of Dean's fellowship (March 2002) – **GPA – 4.0/4.0**
- ➢ Birla Institute of Technology and Science, Pilani, Master of Management Sciences (June 1995) - **CGPA 8.2/10**
- ➢ All India School Leaving Certificate, CBSE, 91.4%

Writings
1. Teacher development for creating inclusive learning environments, paper presentation at the Comparative Education Society of India conference, November 2019
2. Stories of Change, A Case Study of the Kaigal Program, November 2018
3. How to integrate ICTs in the Public Education System, Gurumurthy Kasinathan and Sriranjani Ranganathan, contributed to the Digital Inclusion issue brought out by the Centre for Communication and Development Studies (https://digitalequality.in/how-to-integrate-icts-in-the-public-education-system/)
4. A humane approach to curriculum development for tribal societies, November 2017, Sriranjani Ranganathan and Dr Sudha Premnath Presented at the Comparative Education Society Conference, November, 2017
5. Digital Story Telling – Co-constructing curriculum, Sriranjani Ranganathan and Gurumurthy Kasinathan, Voices of Teachers And Teacher Educators, April 2017
6. A Free and Open Source Software Toolkit for Creating Open Educational Resources, Education Team at IT for Change, March 2017 (published by the Commonwealth of Learning)
7. Authoring the textbook for technology integration in school education for Telangana
8. Learnings from using Geogebra to support mathematics teaching in government high schools, Radha Narve and Sriranjani Ranganathan, January 2017
9. Exploring teacher development in an ICT programme through the TPACK framework, Sriranjani Ranganathan and Gurumurthy Kasinathan, January 2017
10. Subject Teacher Forum - an ICT integrated model of in-service teacher-education, Gurumurthy Kasinathan and Sriranjani Ranganathan, January 2017
11. A research report on how teachers collaborate in a professional learning community to create resources (co-authored, forthcoming, study of the STF program, Karnataka)
12. Contributing author to the National ICT curriculum
13. Peer feedback and evaluation in Kaigal Sanctuary Schools, with Dr. Sudha Premnath www.learningnet-india.org/publications/revive/vol7/revive7.pdf
14. A reflective blog on the role of a science teacher
15. Development of content on the Karnataka Open Educational Resources repository
16. Part of the editorial team of Revive, Learning Network Annual Magazine

Personal Information

Countries of Work Experience: India, US
Date of Birth: 20 May 1974
Nationality: Indian
Languages (Read, Write, Speak)   English, Hindi, Tamil, Kannada (Speak and Read),
    Telugu (Speak)
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Use of ICT applications

- ➢ Proficient in working with different content authoring platforms like Mediawiki, WordPress, Moodle, eDX
- ➢ Comfortable with using a wide variety of software applications and resources including operating systems (Windows, Linux), office suites (LibreOffice, MS Office)
- ➢ Familiarity with multiple educational tools and applications for resource creation for concept mapping, video making, animations, posters, visual programming, mathematics and science subject software (including Geogebra, PhET, Stellarium)
- ➢ Proficient in developing and transacting courses using e-learning portals like Moodle, edX

Sriranjani Ranganathan
Bengaluru, May 2020