

UNESCO CHAIR/UNITWIN NETWORK PROGRESS REPORT FORM

Title of the Chair/Network:	UNESCO Chair in Inclusive Adapted Physical Education and Yoga (1004)
Host Institution:	Ramakrishna Mission Vivekananda University(RKMVU), Belur, Howrah-711202, India.
Date of establishment of Chair/Network: (mm, yyyy)	12, 2012.
Period of activity under report: (mm, yyyy - mm, yyyy)	06, 2013 – 05, 2014
Report established by: (name, position)	Dr. Asis Goswami, Chairholder and Dean, Faculty of General and Adapted Physical Education & Yoga

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Or by mail to UNESCO, Division for Teacher Development and Higher Education,

Section for Higher Education

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1. Executive Summary:

The UNESCO Chair was officially inaugurated on 26th December, 2013. The occasion was graced by the following renowned personalities from Ramakrishna Mission and eminent scholars like Rev. Swami Suhitanandaji Maharaj, General Secretary, Ramakrishna Math and Mission, and Chancellor, Ramakrishna Mission Vivekananda University; Rev. Swami Atmapriyananda, Vice Chancellor, Ramakrishna Mission Vivekananda University; Rev. Swami Abhramananda, Secretary, Ramakrishna Mission Vidyalaya, Coimbatore; Dr. Kaushik Basu, Senior Vice President and Chief Economist, World Bank and Prof. of Economics and C Marks Prof., Cornell University; Dr. Bikash Sanyal, Former Special Advisor to Director General of UNESCO.

Activities of the Chair encompassed two faculties, Faculty of General and Adapted Physical Education & Yoga (FGAPEY) and Faculty of Disability Management and Special Education (FDMSE), under the University, over and above the individual efforts of the Chair holder, Dr. Asis Goswami. Dr. Goswami has delivered 7 lectures at different places and one conference was held with his direct involvement. More than 8 lectures were delivered by the faculty members.

Twelve academic courses and programmes are being conducted regularly by the faculty, including the Doctoral course. Several meetings and refresher courses were also held. Four research projects have been submitted for funding support of Government of India. Inclusive play and skill display programme, Unified Play Day (an annual play festival with equal participation of Children with Disabilities and Normal children), was held.

Future plans include starting of different research activities, establishment of disabled sports facilities, assistive technology cell and a sensory park.

2) Activities:

Overview of activities undertaken by the Chair during the reporting period

a) Education/Training/Research

The Chair encompasses two Faculties of the University under the School of Rehabilitation Science and Physical Education: a) General and Adapted Physical Education and Yoga and b) Faculty of Disability Management and Special Education.

i) Education (leading to certificate)

The following courses are being conducted by the Faculty of General and Adapted Physical Education and Yoga (FGAPEY), RKMVU, on a regular basis.

Ph.D.
Master of Philosophy
Master of Physical Education
Bachelor of Physical Education
Bachelor of Science in Physical Education
Diploma in Physical Education

In addition, a short term (Six weeks) course is also being organized on Special Olympics (SO) in collaboration with Special Olympics Bharat, India. This course is being offered by the RKMVU- GAPEY every summer since 2007. The entire program is sponsored by Special Olympics Bharat and Special Olympics Asia Pacific. There is a tripod agreement between RKMVU-GAPEY, Special Olympics Bharat and Special Olympics Asia Pacific to this effect. Special Olympics Bharat deputed 30 trainees a year from different parts of India to undergo this course.

The following courses are being conducted by the Faculty of Disability Management and Special Education (FDMSE), RKMVU, Coimbatore, on regular basis

Ph.D in Special Education (VI/HI/MR)
M.Phil in Special Education (VI/HI/MR)

Courses Recognized by Rehabilitation Council of India (RCI)

M.Ed in Special Education (VI/HI/MR)
B.ED in Special Education (VI/HI/MR)
D.ED in Special Education (VI/HI/MR)

	<p>DSLI – Diploma in Sign Language Interpretation Diploma in Theatre Arts for Holistic Development (VI-Visual Impairment, HI-Hearing Impairment, MR-Mental Retardation)</p>
<p>ii) Training (short term)</p>	<p>a) A meeting on “Implementation Plan for Inclusive Education” was conducted on 6-7 May, 2013 at FDMSE, sponsored by Tamil Nadu School Education Department, Chennai.</p> <p>b) RCI sponsored workshop on “Strategies for Sensory Motor Development in Young Children with Special Needs” was conducted on 6-8 October 2013 at FDMSE, Coimbatore. This workshop was declared as Continuing Rehabilitation Education (CRE) programme by Rehabilitation Council of India (RCI), New Delhi.</p> <p>c) FDMSE, Coimbatore, NIVH, Regional center, Chennai and NIVH, Dehradun jointly organized the following three refresher programmes. All the three programmes were awarded with Continuing Rehabilitation Education (CRE points for Special Educators by RCI)</p> <ol style="list-style-type: none"> 1. Refresher course on “Teaching Mathematics to Children with Visual Impairment” was conducted on 24 -28 October, 2013 2. Refresher course on “Teaching Daily Living Skills” was conducted on 6– 10 December, 2013. 3. Refresher course on “Orientation to Braille – English and One Regional Language” was conducted on 21-25 February 2014. <p>d) National conference on “Challenges and Rehabilitation Practices for Persons with Disabilities” was organized on 4-6 February 2014 at FDMSE, Coimbatore. This conference was considered as Continuing Rehabilitation Education Programme (CRE) by RCI.</p>



Chief Commissioner for Persons with Disabilities, Govt. of India, addressing the audience.

iii) Research

Research projects submitted to Department of Science and Technology and Ministry of Environment and Forests, Govt. of India.

- a) “Investigation on indoor and outdoor mobility pattern of visually impaired persons and development of mobility support system” – Principal Investigator Dr. Asis Goswami, Chairholder and Co-Principal Investigator Dr. S. Ghosh, Dept. of Physics, St. Xaviers’ College, Kolkata.
- b) “Climate Change: Development of model of human susceptibility to extreme hot environment in the context of Eastern India” – Principal investigator – Dr. P.K. Nag, Prof. RKMVU and Co-Principal Investigators - Dr. Asis Goswami, Chairholder and Dr. S. Chakraborti, Asst. Prof. RKMVU.
- c) "Executive Functions in preschool-aged Indian children" a post doctoral fellowship project – Principle investigator Dr. M. Ramprasad, and Co- Principle Investigator is Dr. Srinivasan.
- d) “Climate Change: Population heat exposure risk profile” - Principal investigator – Dr. P.K. Nag, Prof. RKMVU and Co-Principal Investigators - Dr. Asis Goswami, Chairholder.

b) Conferences/Meetings

Official inauguration of The UNESCO Chair was held on 26th December 2013 in during the 8th Convocation of the Ramakrishna Mission Vivekananda University (RKMVU) Coimbatore campus. The occasion was graced by the following renowned personalities from Ramakrishna Mission and eminent scholars.

1. Rev. Swami Suhitanandaji Maharaj, General Secretary, Ramakrishna Math and Mission, and Chancellor, RKMVU;
2. Rev. Swami Atmapriyananda, Vice Chancellor, RKMVU;
3. Rev. Swami Abhiraananda, Secretary, Ramakrishna Mission Vidyalaya, Coimbatore;
4. Dr. Kaushik Basu, Senior Vice President and Chief Economist, World Bank and Prof. of Economics and C Marks Prof., Cornell University;
5. Dr. Bikash Sanyal, Former Special Advisor to Director General of UNESCO.

Dr. Bikash Sanyal had inaugurated the Chair and delivered the inauguration address. The Chairholder, Dr. Asis Goswami had delivered a special address on “Glimpses of Inclusive Adapted Physical Education and Yoga in India”.



UNESCO Chair inauguration programme

i) Key conferences and workshops hosted by the Chair

"Challenges and Rehabilitation Practices for the Differently Abled" held at Off-Campus Faculty Centre, Coimbatore, Tamil Nadu, during 04.02.2014 to 06.02.2014.



Mr. D.R. Voerman, Netherlands, demonstrating Adapted Basketball to the participants.

ii) Other conferences/organizational activities undertaken by the Chairholder

Given below.

iii) A selection of conference presentations by the Chairholder and other colleagues

Lectures delivered by the Chairholder:

- a) Delivered an invited lecture at HWWE 2013 "Using heart rate as a measure of work load / work stress – merits and demerits in view of the present day knowledge" held at Vidyasagar University, Midnapore during December ,2013.
- b) Delivered two lectures at one Day conference on "Injury Free Sportsmen" organized by Rotary Club Ahmedabad Metro at Ahmedabad on 1st February, 2014.

Titles of the lectures were

"How much fluid and what diet? When and When not!"
and "WADA rules and its impact on Sportsmen's life".

- c) Two lectures were delivered by Dr. Asis Goswami during the conference on "Challenges and Rehabilitation Practices for the Differently Abled" held at Off-Campus Faculty Centre, Coimbatore. Title of lectures:
 - "Origin of research ethics and present ethical guideline"
 - "Principles of best practice in research publication"

- d) A Lecture on “Disability and Rehabilitation - Social and Legal Issues (*Role of Educational Institutions*)” was delivered on 26th March, 2014 in the seminar in the occasion of 1st Anniversary Celebration of High Court of Manipur at Imphal.



Lectures by colleagues: Fourteen research papers were presented by the faculty member and students. Some of them are listed below:

1. “Design and development of recreative adapted gadgets to develop psychomotor abilities of intellectually challenged children” - Dr. S. Alagesan
2. “Relevance of Unified programme as innovative service delivery system for children with various disabilities” - R. Giridharan et al.
3. “Role of Physical education professional in developing adapted physical education programme for differently abled persons” - Dr. M. Srinivasan
4. “Exercises for physically disabled people” - Dr. A. Palanisamy
5. “Opinion of teachers on ABL method for students with visual impairment” - J.B. Dheesha. & S Parween
6. “Opinion of teachers on ABL method for students with visual impairment” - S Parween & J.B. Dheesha.
7. “Universal Design for Learning (UDL) for learning in content areas in inclusive classrooms”- Prabha Hariharan & Poongothati
8. “Brain Behaviour Relationship and Intellectual Disability: Correlation of Expressive Therapy with a Sense of Wellness” - Saumya Chandra

c) Interuniversity Exchanges/Partnerships

(principal exchanges/partnerships between the Chair and other institutions including UNESCO Chairs/UNITWIN Networks)

NA

d) Publications/Multimedia Materials

(major publications and teaching/learning materials)

Please tick relevant fields of output and indicate volume of output:		[tick]	[no.]
	Books	<input type="checkbox"/>	
	Books (edited)	<input type="checkbox"/>	
	Books (chapters)	<input type="checkbox"/>	
	Monographs	<input type="checkbox"/>	
	Research Reports	<input type="checkbox"/>	
	Journal Articles (refereed)	<input type="checkbox"/>	
	Conference Proceedings	<input type="checkbox"/>	One
	Occasional Papers	<input type="checkbox"/>	
	Teaching/Learning Materials	<input type="checkbox"/>	
	Multimedia Materials (CD-Rom)	<input type="checkbox"/>	
	Multimedia Materials (Video)	<input type="checkbox"/>	
	Multimedia Materials (Other)	<input type="checkbox"/>	

Details of major publications and materials.

Journal of Adapted Physical Education and Yoya:

Since 2011 GAPEY is running a bi-annual journal "The Journal of Adapted Physical Education and Yoga". Peer reviewed articles on Physical Education, Adapted Physical Education and Yoga are published in this journal. Research scholars, staff-members and students working in the area contribute to this journal.

Text Book Translation: Handicapped Children in Developing Countries - Dr. David Baine

The book by Dr. David Baine was translated into HINDI and TAMIL languages. This book covers all the major disabilities, population of disabilities in developing countries, practical problems and solutions and aspects of curriculum for children with disabilities. It is a recommended reference book by RCI.

Conference Proceedings

National conference on “Challenges and Rehabilitation Practices for Persons with Disabilities” was organized on 4-6 February 2014 at FDMSE Off campus faculty, Coimbatore. This conference was as considered as Continuing Rehabilitation Education Programme (CRE) by RCI. The conference proceedings with ISBN 978-93-5156-565-9 have been released.

Theses

Ph.D. degree was awarded to eleven doctoral students during this reporting period, under the guidance of Faculty members.

e) Cooperation with UNESCO Headquarters, Field Offices

Received invitation from The University of Management “TISBI” to attend the conference “Inclusive education for people with disabilities: To Learn and Live Together”. This conference could not be attended due to financial constraints.

f) Other(any other activities to report)

A programme for inclusive play, UNIFIED PLAY DAY, was organized by the FGPEY on 14th March 2014. This is an annual programme held every year. Disabled children are trained with normal children in different schools by the students of the faculty and they display their skills on the UNIFIED PLAY DAY.

3. Future Plans and Development Prospects:

Outline of action plan for the next biennium and short/medium and long-term development prospects.

Please do not hesitate to refer to difficulties that the Chair has experienced
(Not exceeding 300 words)

Future Plans and Development Prospects

- 1. Sensory Park:** Deficit in one or more human senses like sight, hearing, touch, smell and taste are affected by disability. Sometimes movement and communication ability is also affected. Multisensory teaching techniques enable the children to use all their senses (vision, hearing, touch, smell and taste) in learning. Sensory Park can influence improvement in skills like fine & gross motor functions, communication ability, sensory awareness, creativity and responsibility among children with disabilities. To assist children with disabilities FDMSE has decided to set up a sensory park with play areas, pond, tactile floor, sand pit, sound instruments, including drums and bells, mini bridge, variety of plants with smells, taste and textures.
- 2. Assistive Technology Cell:** Assistive technology enables the persons with disabilities to accomplish the different tasks independently. Accessible assistive technology improves functional capabilities of individual with disabilities. FDMSE would set up well equipped assistive technology cell that would work on development of screen reading hardware and software, speech recognition, hearing aids, cognitive assistance devices, mobility aids, pencil grips, light weight high performance wheelchair for sports, automatic door openers, alternative and augmentative communication.
- 3. Play Area for Disabled Children:** Co-curricular activities enhance physical and mental growth of children with disabilities. Irrespective of their disabilities all children have right to participate to physical activity. Physical activity improves muscle strength, coordination, and balance in motor skills, body awareness, cardiovascular efficiency, self-confidence, attention span and academic achievement. To promote physical, mental and social benefits, FDMSE has embarked on setting up of play grounds like adapted volley ball, cricket, hockey, base ball, Bocce, basket ball and table tennis for children with disabilities.

Difficulties encountered:

Absence of financial support from external sources and/or from UNESCO is the major deterrent in initiating research programmes and other developmental activities.

Appendix:

1) Human Resources

Faculty members : 14

2) Financial Resources

Please tick sources of financial contribution and specify the amount in U.S. dollars		[tick] Amount (\$) (approx)
	Host Institution	<input type="checkbox"/> 700000.0
	Partner Institution	<input type="checkbox"/> nil
	Government Body	<input type="checkbox"/> 300.0
	Other Public Institution/Body (incl. Research Councils)	<input type="checkbox"/> nil
	UNESCO	<input type="checkbox"/> nil
	Other UN Agency	<input type="checkbox"/> nil
	IGO	<input type="checkbox"/> nil
	NGO	<input type="checkbox"/> nil
	Industry	<input type="checkbox"/> nil
	Other Private	<input type="checkbox"/> 290.0

The University has provided office space for the UNESCO Chair at two off-campus centre(s) located at Coimbatore, Tamil Nadu and Narendrapur, West Bengal. The amount spent by the university includes salary of UNESCO Chair, staff of the faculty (GAPEY and FDMSE), travelling expenditure and some infrastructure development. High Court of Manipur, Imphal has borne the cost of travelling and accommodation for the Chairholder for their lecture session.