

## 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 EDUCATIONAL AND RESEARCH INSTITUTE (RKMVERI), Belur, Howrah-711202, India.
Date of establishment of Chair/Network: (mm, yyyy)	December 2012
Period of activity under report: (mm, yyyy - mm, yyyy)	May 2019 to April 2020
Report established by: (name, position)	Dr. Asis Goswami, Chairholder and Dean, Faculty of General and Adapted Physical Education & Yoga; Head of the Department of Sports Science.

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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:

**Major outcomes, results and impact of the Chair, including on national policies, in relation to its objectives as stated in Article 2 of the Chair Agreement (between the Institution and UNESCO) (Not exceeding 300 words)**

The reporting period covers two distinct periods of activity, progress before the pandemic of COVID 19 and the period of lockdown. We have made several achievements in academic sphere during the period that include starting of two Master level degree courses, M.Sc. in Sports Sciences and M.Sc./M.A. in Yoga and Integrated M.Phil- Ph.D. Course in Yoga. We have also taken a number of new initiatives like starting You tube Channel of the University, appointment of more faculty members due to retirement of superannuated faculty members, and the likes. Several programmes that were initiated a few years back has taken the shape of annual programmes with increasing popularity and participation. They are Unified Play Day, Yoga Day, International day of Yoga and the likes. Due to unprecedented situation many of the planned activities had to be postponed. However, the conduct of classes and student interactions are being maintained through online classes and other methods.

## 2) Activities:

**Overview of activities undertaken by the Chair during the reporting period**

### a) Education/Training/Research

**(key education programmes and training delivered and research undertaken by the Chair during the reporting period, target group and geographical coverage)**

i) Education (leading to certificate)

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



- i. Ph.D.
- ii. Master of Philosophy (M.Phil.)
- iii. Master of Physical Education (M.P.Ed.)
- iv. Bachelor of Physical Education (B.P.Ed.)
- v. Bachelor of Science in Physical Education (B.Sc.)
- vi. Diploma in Physical Education

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

- i. Ph.D. in Special Education [Visual Impairment (VI), Hearing Impairment (HI), Mental Retardation (MR)]
- M.Phil. in Special Education (VI, HI, MR)

**Other Courses running with the recognition/approval of the Statutory Body names 'Rehabilitation Council of India (RCI)'**

- ii. M.Ed. in Special Education (VI, HI, MR)
- iii. B.Ed. in Special Education (VI, HI, MR)

	<p>iv. D.Ed. in Special Education (VI, HI, MR) v. DSLI – Diploma in Sign Language Interpretation (VI-Visual Impairment, HI-Hearing Impairment, MR-Mental Retardation)</p> <p>In addition Diploma in Theatre Arts for Holistic Development and Certificate course in Assistive Technology were also conducted.</p> <p><b>Academic courses in Main Campus at Belur Math:</b></p> <p>The Department of Sports Science and Yoga is conducting the following programmes at present:</p> <ol style="list-style-type: none"> <li>1. Integrated M.Phil.-Ph.D. in Sports Science (New)</li> <li>2. Integrated M.Phil-Ph.D in Yoga (New)</li> <li>3. M.Sc. in Sports Science (New)</li> <li>4. M.A./M.Sc. in Yoga (New)</li> <li>5. Post Graduate Diploma in Yoga</li> <li>6. Certificate Course in Basic Ayurveda, Panchakarma and Naturopathy (CBAPN)</li> <li>7. Certificate Course in Yoga (CCY)</li> <li>8. Outreach programme in Yoga for Health and Wellbeing</li> </ol>
ii) Training (short term)	Planned programme was postponed.
iii) Research	<ol style="list-style-type: none"> <li>1. We have designed a new game for the Visually Impaired persons "Spatial Perception Audio Game for the Visually Challenged". The game is now registered as Intellectual Property (The Patent Office Journal No. 27/2019 Dated 05/07/2019 page 28999).</li> <li>2. We have started the second phase of this project and have developed a wireless system for playing the game. The new system is being tested in field situation.</li> </ol> <div style="display: flex; justify-content: space-around;">   </div>
<p>b) Conferences/Meetings (Key conferences and meetings organized by the UNESCO Chair or to which the Chairholder contributed)</p> <p>Prof. S. Nathan Jeganathan (Sultan Idris Education University of Malaysia) was invited to deliver a special lecture on “Sports and Games Training Methodology” on 27<sup>th</sup> May</p>	

2019. This programme was attended by the students of the Calcutta university and RKMVERI.



i) Key conferences and workshops hosted by the Chair

Two conferences were planned to be held during March 2020 and both were postponed. One at Coimbatore campus entitled " One Week Short Term Training Programme cum National Level Workshop on Comprehensive Fitness Training For Excelling in Sports" was scheduled for 21-27 March, 2020. The other was planned as international conference with participation of persons from Malaysia and other countries was scheduled to be held at Belur campus during March 20-21, 2020, entitled "New Horizons In Sports Sciences: Achieving High Performance".

ii) Other conferences/organizational activities undertaken by the Chairholder

A) Two day National Conference on "Inclusive Education and Adapted Physical Education: Traditional and New Approaches in Developing 21st Century Skills for Students with Special Needs" was jointly organized by FDMSE and GAPEY, Ramakrishna Mission Vivekananda Educational and Research Institute, Coimbatore campus was held on 21-22 February 2020. Swami Nityadipanandaji Maharaj, Ramakrishna Math, Kavundampalayam, Coimbatore, delivered the Presidential address. Dr. K. Balabhaskar, Head, Adult Independent Living, NIEPMD, Chennai, delivered the Keynote address. Swami Garishthanandaji Maharaj, Administrative Head, RKMVERI, Coimbatore campus, inaugurated Innovative Assistive Technology Stalls displayed for the benefit of delegates. Dr. M.S.Nagarajan, Senior Manager Sports, Special Olympics, Chennai delivered the valedictory address and Dr. S. Parween, Asst. Professor, FDMSE proposed the vote of thanks. In total 205-delegates including special educators, para professionals from various parts of southern India, student trainees from FDMSE and GAPEY attended the conference. 30-papers were presented papers on various themes related to the conference in three parallel sessions on two days.



B) The Faculty of Disability Management and Special Education of the University, in collaboration with National Institute for Empowerment of Persons with Multiple Disabilities (Divyangjan), Chennai, had organized a 3 Day State Level Conference on “**Addressing Barriers in the Environment and Universal Design**” during 14<sup>th</sup> to 16<sup>th</sup> November, 2019. Universal Design, Universal Design for Learning, Universal Design of Assessment, Positive Learning Environment, Technology and Persons with Disabilities, Barriers to Effective Learning and Communication, and the likes were the topics of discussion during these three days. Feedbacks were collected from the participants and certificates were distributed in the function. In total 50 special educators attended the programme.



C) Educational tour for the Master of Physical Education, II year students was organized from 07<sup>th</sup> to 17<sup>th</sup> December 2019. In this, Swami Divyaprajnananda Maharaj, Asst. Administrative Head, Dr. R. Giridharan, Dr. A. Sathiya Moorthy and Sri S. Rajavarman accompanied the team. The team visited the following places:

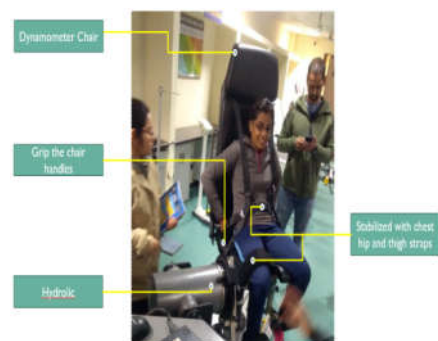
- Lakshmi Bai National Institute for Physical education (LNIPE), Gwalior
- Commonwealth Sports Village
- Jawaharlal Nehru Multipurpose athletic sports complex
- Sports assessment and performance laboratories, New Delhi

At LNIPE the Sports facilities, Sports Laboratories & Sports assessment facilities was witnessed by the students and staff.





D) To strengthen inter-university linkage the six students and one faculty member of Department of Sports Sciences and Yoga of the Belur Campus were also sent to the LNIPE, Gwalior on a five day learning cum interaction tour. The students had opportunity to observe and do experiments using many different sets of instruments in the field of biomechanics, psychology, exercise physiology. They had also exposure to participate in different sports such as shooting, tennis, cricket.



E) The Department of Sports Science & Yoga had organized a five-day Yoga Camp at Ramakrishna Mission Ashrama Narainpur, Chattisgarh during 14-18 December 2019. A total of 300 students of Vidyapeeth and ITI of Narainpur Ashrama had participated in the Camp and underwent a compact schedule of Yoga practice for five days. Yoga practice sessions were conducted in two sessions every day, once in the morning and once in the evening. Lecture classes were also delivered on different topics associated with yoga. The practical classes were conducted by students studying in M.A Yoga and PG Diploma in Yoga in the Department of Sports Science & Yoga. A special meditation session was conducted by monastic faculty and a special talk on effect of Yoga on brain development was delivered by faculty of the Department.



F) Dronacharya Award winner Kabaddi Coach Sri Prasad Rao was invited to the university for an interaction with the students to discuss the differences between professional type of Kabaddi and the Asian games style. The students of Sports Sciences were given opportunity to observed the professional environment of the Kabaddi match.



G) TEAM INDIA - WHEELCHAIR BASKETBALL CAMP

1. Faculty of General & Adapted Physical Education and Yoga along with

Wheelchair Basketball Federation of India Jointly organize Indian Wheelchair Basketball Team Training Camp at Ramakrishna Mission Vidyalaya Indoor Stadium, Coimbatore from 14.11.2019 to 26.11.2019. The inaugural function was held on 17.11.2019, Dr. R. Giridharan, Associate Professor and Head, Faculty of GAPEY, welcomed the gathering. Mrs. P. Madhavi, President, Wheelchair Basketball Federation of India and Captain N. Vinod Sankar, Commandant, Air Force Administration College, were introduced to the athletes who gave a motivational talk on “Elite Sports Participation and Performance by Persons with Disabilities”. Dr. R. Giridharan had assisted the Head Coach of the team, Mr. Sharad Nagane, and Mr. ThayumanaSubramaniam, Asst. Coach, in the conditioning and game specific skill training part throughout the camp.



H) One Doctoral student, working on the Visually impaired persons, took part in a Exhibition Football match as Goalkeeper. This competition was held to popularize the participation in sports by the visually impaired persons.



I) Dr. Tanuja Nesari, CEO, National Medicinal Plant Board and Director of All India Institute of Ayurveda, New Delhi, has been invited by Hon'ble VC Maharaj to visit our University on Saturday, 7th September 2019. She addressed a gathering of the faculty and students of SSY in the Prajna Bhavan seminar hall at 4.00 pm on Saturday, 7



September. It was followed by a group meeting / discussion with the honorable faculty members of SSY which will mainly focus on opportunities for research and funding.

j) Dr. Sourav Bhattacharjee from Washington University, St. Louis was invited to deliver a lecture at the Belur Campus. The students had an opportunity to learn about recent developments in immunological research.



K) European Commission ERASMUS + Tutorial Meeting

A tutorial meeting of the EU ERASMUS+ programme was held on 23-24 January 2020. The members of the visiting team were Claudio Colosio, Kenesh Dzhushupov, Gert van der Laan, Triin Veber, and Anja Wipper. They discuss various e-learning methods and held interactive sessions to introduce and clarify different issues in large scale data collection and knowledge dissemination. The project is being carried out by Prof. P.K. Nag. Dr. Asis Goswami took active part in this programme.



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

1. Four research papers were presented by the students of Sports Science in an International conference "International conference on Physical Education, Yoga and

Sports Science in 2020's era" organized by State Institute for Physical Education for women, Kolkata, India.

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

1. Swami Atmapriyanandaji, the Vice Chancellor of the University, has participated in National convention of the Italian Yoga Federation of Calambrone (PI) on the occasion of the forty-five year anniversary of the foundation on the theme "*Yoga, heritage of humanity*" - 4-6 October 2019.

2. Swami Atmapriyanandaji is also delivering lectures on Yoga for the students of Italian Yoga Federation through online mode.

3. Dr. Asis Goswami has been actively involved in the development of new courses on Sports Sciences in University of Calcutta under the sponsorship by Ministry of Youth Affairs and Sports, Govt. of India. He is also cooperating in the similar development at Central University of Rajasthan, Ajmer, and is a member of the Boards of Studies of Department of Yoga.

4. The University has signed Memorandum of Understanding with the Department of Youth Services and Sports, Government of West Bengal for executing mutually agreed projects and research studies.

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"/>	One Doctoral thesis
	Journal Articles (refereed)	<input type="checkbox"/>	one
	Conference Proceedings	<input type="checkbox"/>	
	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"/>	Several online lectures conducted

Give details of major publications and materials including full citations.

i) Theses

" On Mobility Patterns of Visually Impaired in Sporting Activities" submitted by Triloki Prasad.

ii) Publications

1. Prasad,T., Ghosh,S., Goswami, A.(2018). Static Balance Ability of Visually Impaired and Partially Sighted Persons on Firm and Foam Surfaces, European Journal of Adapted Physical Activity. (In press).

e) Cooperation with UNESCO Headquarters, Field Offices

1. Dr. Goswami has attended the Second Consultation of UNESCO Chairs in India, 9-10 December 2019 at MIT, Pune, and presented a report on the activities of the Chair. In the meeting the Chair holders had fruitful interaction that helped in becoming a team of Chair Holders to work for upholding the spirit of unity and work to promote value based education system keeping the pursuit of the goals of individual Chairs on track.



2. Dr. Goswami took part in the UNITWIN SURVEY on " UNESCO HED Section Survey of UNITWIN/UNESCO Chair host Institutional responses to COVID 19" as requested by Peter J. Wells, Chief, Higher Education, ED/ESC/HED, UNESCO, Paris.

3. Submitted a project proposal " Man-making - the way forward of education development and delivery in the coming decades" for the UNESCO programme 'Futures of Education: Learning to become". The proposal is a joint effort of Dr. Asis Goswami and Dr. P.K. Nag.

Projects submitted to different organization for financial support:

1. Improvement of general health, cardiovascular and metabolic risk factors in visually-impaired teenagers through yoga, meditation and orientation ability training- To LV Prasad Eye foundation-Hyderabad- By Kunal Sikder and Asis Goswami in June 2019.

2. Hepato-Ayurgenomics: combining Genetics and Ayurveda for personalized diagnosis and therapy against chronic liver diseases- To AYUSH- By Kunal Sikder and Dr. Kalipada Pal in July 2019.

3. "Management of Pain in Knee Osteoarthritis by Yoga" by PI Arkadeb Dutta and Co-PI's Prof. Uday Shankar Ray, Dr. Santi Ranjan Dasgupta and Md. K. Islam in Extra-Mural Research Scheme to Centre for Council of Research in Yoga & Naturopathy, AYUSH, Government of India August 2019.

4. "Exploring Spatial Learning Abilities with Non-Visual Cues for the Visually Impaired Persons" by PI Arkadeb Dutta and Co-PI's Prof. Asis Goswami and Subhankar Ghosh in West Bengal Department of Science & Technology Scheme in October 2019.

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)

Majority of the future plans were realized during the present year. The following activities is planned to be executed in the next one year:

1. Increase collaborative research activities with other universities and institutes.
2. Intensified research activity in Sports Science and Yoga with emphasis on inclusion.

Appendix:

1) Human Resources

a) Seven fulltime faculty, two Monastic faculty and two adjunct faculty in Department of Sports Science and Yoga, Belur Campus.

b) Nine fulltime faculty / staff in Faculty of Disability Management, Coimbatore campus

c) Ten fulltime faculty / staff in Faculty of General and Adapted Physical Education, Coimbatore campus.

2) Financial Resources

Please tick sources of financial contribution and specify the amount in U.S. dollars	[tick]	Amount (Rs.) (approximate)
Host Institution	<input type="checkbox"/>	50,00,000.00
Partner Institution	<input type="checkbox"/>	
Government Body	<input type="checkbox"/>	50,00,000.00
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"/>	nil

End of the Form