

UNESCO CHAIR PROGRESS REPORT FORM

Title of the Chair/Network	UNESCO Chair in ‘Inclusive Adapted Physical Education and Yoga (1004)
Host Institution:	Ramakrishna Mission Vivekananda Educational & Research Institute (RKMVERI), Belur, Howrah-711202, India.
Date of establishment of Chair/Network: <i>(mm, yyyy)</i>	12, 2012 (December 2012)
Period of activity under report:	June, 2022 — May, 2023
Report established by: <i>(name, position, email)</i>	<p>Chairholder: Dr. R. Giridharan, Head, Department of General and Adapted Physical Education & Yoga, RKMVERI Coimbatore. email: giri.pd@gmail.com</p> <p>Co-Chair: Dr. Arkadeb Dutta, Head, Department of Sports Science & Yoga, RKMVERI Belur. Email: arkadeb@gm.rkmvu.ac.in, arkadeb@gm.rkmvu.ac.in</p>

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 Or by mail to UNESCO, Division for Policies and Lifelong Learning Systems
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1. Executive Summary:

During the period 2022-2023, the Chair has undertaken several educational, training and research activities in the areas of Disability Management, Special Education, Adapted Physical Activity, Sports Science and Yoga, spanning across the Coimbatore campus and Belur campus of the University, with an aim to disseminating and strengthening knowledge in these highly specialized areas and improve lives of people, especially the differently abled, through Inclusive Adapted Physical Education, Sports and Yoga. The major milestones achieved by the Chair during this period are as follows:

In **Training**, faculty development programs were conducted focusing on exercise physiology and statistical applications in sports. **Research** saw ongoing projects funded by MSJE, NCERT, and ICSSR, including studies on adapted science experiments for visually impaired students, science concepts for tribal children, and the effectiveness of adapted physical activities. A patent was awarded for a system to securely store athlete information. **Conferences and Meetings** included workshops on teaching-learning materials for persons with disabilities, research methodology, life skills development, and application of technology in education. National conferences and workshops were held on sports science, Kabaddi officiating, and comprehensive fitness training. Guest lectures covered topics like research methodology, sports organization, and drug abuse awareness. **Cooperation and Partnerships** were strengthened through MoUs with Lakshmibai National Institute of Physical Education and the University of Calcutta, focusing on academic collaboration and resource sharing. Collaborative outreach included partnerships with national institutions and sports federations to enhance opportunities for individuals with disabilities. In **Publications and Multimedia Materials**, faculty members contributed numerous research reports, journal articles, and book chapters. New book publications covered topics such as education for children with intellectual disabilities and curriculum assessment tools.

Significant progress was made in **Adapted Sports and Achievements**, highlighted by the establishment of the Vivekananda Inclusive Sports Complex (VISAD) with world-class facilities for disability sports. Various competitions were organized, including Unified Sports, District and State-level events for persons with disabilities, and specialized coaching camps for cricket, Kabaddi, sitting volleyball, wheelchair basketball, and football. The institution also hosted the Indian National Wheelchair Basketball Camp and actively participated in events like the International Day of Yoga and International Day for Persons with Disabilities. **Manpower** saw the recruitment of new teaching and non-teaching staff, strengthening the team. The UNESCO

Chair continued to align its initiatives with the 2023 UNESCO Recommendation, emphasizing inclusive education, curriculum development, and promotion of well-being. The period also saw several **Awards** recognizing staff and students for their contributions in sports and education.

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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)

<p>i) Education (leading to certificate)</p>	<ol style="list-style-type: none"> 1. The following courses are being conducted by the Faculty of General and Adapted Physical Education and Yoga (GAPEY) of the University on a regular basis: <ol style="list-style-type: none"> i. Ph.D in Physical Education ii. Master of Philosophy (M.Phil.) in Physical Education 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: <ol style="list-style-type: none"> 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) 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>In addition Diploma in Theatre Arts for Holistic Development and Certificate course in Assistive Technology were also conducted.</p> <p>Academic courses in Main Campus at Belur Math: The Department of Sports Science and Yoga is conducting the following programmes at present:</p> <ol style="list-style-type: none"> 1. Ph.D. in Sports Science 2. Ph.D. in Yoga 3. M.Sc. in Sports Science 4. M.A./M.Sc. in Yoga 5. Post Graduate Diploma in Yoga 6. Certificate Course in Basic Ayurveda, Panchakarma and Naturopathy (CBAPN) 7. Certificate Course in Yoga (CCY) 8. Outreach programme in Yoga for Health and Wellbeing
	<p><u>Development programme for teaching staff:</u></p> <p>❖ Faculty Development Programme on “Technical Aspects of Tests in Exercise</p>

ii) Trainin g (short term)	<p>Physiology” was conducted on 18th and 20th July, 2022 through online.</p> <p>❖ Faculty Development Programme (Session – I) for the Teaching Staff on “Statistical Package for Social Sciences – Updates 2019 & 21 – Research Application in Sports” was conducted on 18th August, 2022. Dr. Palanisamy, Professor (Retd.) Johnson School of Management, Karumathampatti was the Resource Person.</p>
iii) Researc h	<p>Ongoing Research Activities</p> <p>Ongoing Projects:</p> <ul style="list-style-type: none"> Regarding research, three key projects are currently underway. My colleagues are investigating various crucial areas to improve learning and development for diverse groups. Dr. J.B. Dheesha is leading a two-year project funded by MSJE, New Delhi, focused on developing adapted science experiments to enhance science learning skills for students who are visually impaired at the secondary level. Another two-year project, led by Dr. A. Sudha and funded by NCERT, New Delhi, is exploring a problem-based learning method to teach science concepts to tribal children. Additionally, Dr. S. Parween is the investigator for a project funded by the Indian Council of Social Science Research (ICSSR), New Delhi, examining the effectiveness of adapted physical activities on the executive functioning of students who are visually impaired. <p>Projects:</p> <ul style="list-style-type: none"> "Development of Adapted Science Experiments for Improving Skills in Learning Science of Students with Visual Impairment at Secondary Level" funded by MSJE, New Delhi “Problem based Learning Method to Teach Science Concepts among Tribal Children” funded by NCERT, New Delhi . “Effectiveness of Adapted Physical Activities on the Executive Functioning of Students with Visual Impairment” funded by the Indian Council of Social Science Research (ICSSR), New Delhi . <p>Research Activities:</p> <ul style="list-style-type: none"> Teacher trainees of III year Integrated B.Ed.-M.Ed.(ID) and II year M.Ed. Spl.Edn. presented the progression of their dissertation on March 29, 2023. Dr. K. Dhanalakshmi's project proposal was sanctioned by the Indian Knowledge Systems Division of the Ministry of Education. The project is titled "Effect of Heritage Games on the Academic and Social Skill Development of Students with Visual Impairment at Primary Level". Dr. S. Logesh Kumar submitted a research proposal titled 'Developing a Model Support System for Students with Intellectual Disability in Inclusive Setting' for the INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH (ICSSR). <p>New Initiatives:</p> <ul style="list-style-type: none"> Project – Design and development of a software tool on “Automatic Recognition and Generation of Indian Sign Language (ARGISL)” has been jointly undertaken by the Department of Computer Science, Belur Math and FDMSE.

During the tenure research proposals have been submitted to different funding agencies and are under process of review. The list is mentioned below :

ICSSR Proposal Submission

S. No	Name of the Staff	Agency	Date
1	Dr. R. Giridharan	Major Research Project – ICSSR	17 th October, 2022
2	Dr. D. Yuvaraj		
3	Dr. M. Ramajayam		
4	Dr. S. Sathish Kumar		
5	Dr. J. Viswanathan		

Patent Publication / Award:

Name of the Patenter	Patent Number	Title of the patent	Year of
Dr. N. Karthikeyan	202211042261 A	System and Method for Securely Storing Personal Information of Athletes	2022

b) Conferences/Meetings

(key conferences and meetings organized by the Chair or to which its Chairholder contributed)

i) Key conferences and workshops hosted by the Chair

Workshops and Training Programs:

- Five Day Audio-Visual Workshop: Mrs. V. Indirani delivered a lecture on "Orientation and Hands on training in Teaching Learning Materials (TLM) for Persons with Disabilities" at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on November 5th, 2022.
- Refresher Programme on “Research Methodology”: A Five-day Refresher Programme on “Research Methodology in the field of Special Education and Disability Rehabilitation” was held from 16th to 20th August 2022.
- Three Day Training Program on ‘Life Skills Development for Students with Intellectual Disability: A 3-Day Activity-based Training Program was organized from February 23rd to 25th, 2023.
- CRE Programme on “Application of Technology in Education and Training”: A three-day RCI approved CRE training programme was organized from March 2nd – 4th 2023.

NATIONAL CONFERENCE

- ❖ National Conference on “Sports Science: A Multi-Disciplinary Approach to Enhance Sports Performance” was organized on 27th & 28th February, 2023 at Vidyalaya GKD Auditorium.



WORKSHOP

- ❖ State level Workshop cum Officiating Examination on Kabaddi for General & Athletes with Hearing Impairment was conducted on 19th and 20th April, 2022.



- ❖ Faculty organized One Week Short Term Training Programme cum National Level Workshop on “Comprehensive Fitness Training for Excelling in General and Paralympic Sports” from 26th to 30th April, 2022



- ❖ Workshop on “16 Registers and Records of Physical Education” was organized by the Students Literary Association on 14th November, 2022 at the Multipurpose Hall.



- ❖ RKMVERI, Faculty of GAPEY jointly with Tamil Nadu Youth Yogasana Sports Association organized a Two Day workshop on “Yogasana & Parayogasana Sports District Judges Training” on 26th & 27th November, 2022 at GKD Auditorium.



ii) Other conferences/organizational activities undertaken by the Chairholder

GUEST LECTURE

- ❖ Students Literary Association organized an Guest Lecture as mentioned below

S.No	Name of the Guest Lecture	Date	Resource Person
1	Research Process & Methodology	26 th August, 2022	Dr. D. Maniazhagu, Associate Professor, Department of Physical Education and Health, Alagappa University
2	“Track & Field Events – Organization & Practical Implication” for the BSc PHS students	17 th September, 2022	Sri M. Manoj Kumar, Alumni (2015 Batch)
3	Say NO to Drugs – Drug Abuse on Students	17 th September, 2022	Tamil Nadu Police “ Enforcement Bureau ”

4	Drug Abuse – SAY Yes to Life : No To Drugs	15 th November, 2022	Sri R. Jeyaprakash & Sri B. Vignesh, Sub Inspectors, Periyanaickenpalayam Police Station
5	A One Day Workshop on Mallakhamb	28 th November, 2022	Mr. G. Athithan, Joint Secretary, Aerial Sports Association of India & Secretary, Aerial Sports Association of Tamil Nadu

• **Workshops and Seminars:**

- **"Science of Yoga" Workshop (June 11-12, 2022):** A two-day workshop was organized to disseminate the scientific aspects of yogic science and train young students ¹.
- **APPICON 2022 Pre-Conference Workshop (December 12, 2022):** A workshop on "Assessing exercise-induced stress on cardio-respiratory & neuro-cognitive responses" was held. It covered practical skills in stress testing and neuro-cognitive responses, including EEG recording ¹.
- **Symposium and Workshop on "Advances in Brain & Cognition Research" (January 21-22, 2023):** This event focused on recent advances in brain and cognition research and introduced cutting-edge neuroscience technologies ¹.

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 checked="" type="checkbox"/>	1(PhD)+6 (M.Phil.)
	Journal Articles (refereed)	<input checked="" type="checkbox"/>	6
	Conference Proceedings	<input checked="" type="checkbox"/>	
	Occasional Papers	<input type="checkbox"/>	
	Teaching/Learning Materials	<input checked="" type="checkbox"/>	12
	Multimedia Materials (CD-ROM)	<input type="checkbox"/>	
	Multimedia Materials (Video)	<input checked="" type="checkbox"/>	14
	Multimedia Materials (Other)	<input checked="" type="checkbox"/>	Several online lectures conducted

Book Publications:

Education of Children with Intellectual and Developmental Disabilities: From Extermination to Right-based society by Dr. Saumya Chandra and Ms. P. Aruna, published in "Education of Socio-Economic Disadvantaged Groups" by Routledge, Taylor & Francis Group, New York . ISBN No. 978-1-032-31500-3 (hbk) .

Book Publications:

- Dr.Sudha. A and Dr.A.T.Thressiakutty published a book titled *Curriculum-Based Assessment Tool for Students with Intellectual Disabilities*.
- Dr. K. Dhanalakshmi published a book chapter titled "Role of Technology in Providing Equitable and Inclusive Education to Students with Visual Impairment" in *A Chronicle of Educational Research*.
- Dr. Saumya Chandra published a book chapter titled "Correlation between Skill Development and Persons with Intellectual Disabilities: A widespread gulf to be Bridged, Skill Development Practices in Teacher Education Institutions".
- Dr. K. Dhanalakshmi published *Information and Communication Technology and Creative Writing Skills for Students with Visual Impairment*.

Book and Chapter Publications:

- Multiple journal and chapter publications by faculty members on topics including inclusive education, accessibility challenges, and the role of AI.
- Dr.Sudha. A and Dr.A.T.Thressiakutty published a book titled *Curriculum-Based Assessment Tool for Students with Intellectual Disabilities* .

Paper Presentations:

- Dr. Nandita Chakrabarty presented a paper on "Efficacy of Home Based Remedial Teaching Programme for Children with Intellectual Disabilities in Inclusive Schools" at the National Conference on Inclusive Education, organized by the National Institute for the Empowerment of Intellectual Disabilities, Secunderabad on November 24th and 25th, 2022 .
- Ms. Kiruthiga.K and Dr. Sudha.A presented a paper on "Efficacy of Phonics Based Instructions to improve the reading skills of children with intellectual disability in inclusive setting" at the same conference .
- Dr. Saumya Chandra and Dr. Prabha Hariharan presented "Quality Considerations for Reforms in Higher Education - A Dialogue with Totto-Chan" at the International Conference on Innovation and Reforms in Higher Education, Alagappa University, Karaikudi on November 25th, 2022 .
- Mrs.Kiruthiga.K & Dr.Sudha.A presented a paper on "Universal Design of Learning in Implementation of Curriculum Transaction to create an effective inclusive classroom" at the International Conference on "Transformative solutions for Inclusive Development – Fueling an Accessible and Equitable World for Persons with Disability" on February 10th, 2023 .
- Maya.S, Teacher Trainee, presented a paper on "Implementation of competency based education to facilitate NEP 2020" in a Two days International Conference on Innovations

and Reforms in Higher Education organised by Alagappa University, Karaikudi on 25th & 26th November 2022

- Mrs. Uma Maheswari N. (Ph.D. Scholar) presented a paper titled “Integration of E-content in the curriculum as an empowering tool for educating Children with Intellectual Disability” in a two-day International Conference on Innovations and Reforms in Higher Education (Hybrid Mode) on 25th and 26th November 2022 organised by Alagappa University College of Education, Karaikudi .
- Mr. Baiju Thomas and Dr. S. Logesh Kumar presented a paper titled "Role of General Education Teachers in Promoting Inclusive Education for Students with Intellectual Disability in India" at the International Conference on Multidisciplinary Research and Development (ICMRD-2023)
- Dr. Sukumari.S participated and presented a paper in the 8th National conference conducted by Physiotherapy Professionals Confederation on the topic "Infantile Neuronal Ceroid Lipofuscinoses- An evidence-based case study" and received first prize.
- Dr.Sudha.A & students of integrated B.Ed.-M.Ed. ID & M.Ed. (ID) prepared 12 video lessons.
- Dr. M. Ramajayam, Assistant Professor published a book entitled “Research Process in Physical education and Sports Sciences” – NCTE New Syllabus – Master of Physical Education through Nipun Prakashan Publication, New Delhi with ISBN 978-93-92169-42-7.
- Dr. Dibakar Debnath & Dr. D. Yuvaraj, Assistant Professors Published a book titled “Teaching Methodology in Physical Education and Sports Science” through Mahi Publication, Ahmedabad with ISBN 978-93-94238-93-0

Give details of major publications and materials including full citations.

ii) Publications

Journal Articles:

❖ The staff members published research articles in various National and International journals

S. No	Name of the Author	Title	Name of the journal with ISSN NO	Issue and volume
1	Dr. S. Sakthivel	Analysis of Selected Motor Fitness Variables of Children with Hearing Impairment and Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82, No. 1, Jan to June – 2022
2	Dr. M. Ramajayam	Impact of High Altitude Aerobic Training on Physiological Variables of Post Pubescent Men Footballers	Madhya Bharti, ISSN: 0974-0066	Vol.82, No. 2, Jan to June – 2022
3	Dr. D. Yuvaraj	Comparative Analysis of Hand Grip Strength and Arm Length of Para Sitting Volleyball and Para Sitting Cricket Players	Journal of Education, Rabindra Bharti University, ISSN: 0972-7175	Vol.24, No. 1, 2022

4	Dr. Dibakar Debnath	Analysis of Body Composition Index and Selected Anthropometric Measurements of Students with Hearing Impairment and Intellectual Disability	Journal of Education, Rabindra Bharti University, ISSN: 0972-7175	Vol.24, No. 1, 2022
5	Dr. Dibakar Debnath	Effects of Specific Bowling Skills Training on Grip Strength and Bowling Accuracy for College Level Men Cricket Players	Journal of Education, Rabindra Bharti University, ISSN: 0972-7175	Vol.24, No. 1, 2022
6	Dr. Dibakar Debnath	Effect of Adapted Physical Activities on Leg Explosive Power of Children with Intellectual Disability	Kala Sarovar Quarterly Journal, ISSN: 0975-4520	Vol.24, No. 4, Part – 3 – 2022
7	Dr. M. Ramajayam	Assessment of Sports Injuries between Kabaddi and Kho-Kho Players	Proceedings of the International Conference on Sports Injury Prevention & Management ISSN 0975-6299	
8	Dr. M. Ramajayam	Impact of Varied Modalities with Skill Training on Weave and Slip Skills of Novice Boxers	Journal of Education, Rabindra Bharati University, ISSN: 0972-7175	Vol.24, No. 1(14), 2022
9	Dr. Dibakar Debnath	Effects of Adapted Yogic Practice on Balance and Vital Capacity among students with Hearing Impairment	Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162	Vol.9, Issue – 5, May, 2022
10	Dr. Dibakar Debnath	Effects of Indigenous Activities on Agility and Flexibility of Children with Intellectual Disability	Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162	Vol.9, Issue – 5, May, 2022
11	Dr. R. Giridharan	Relationship of Balance and Bilateral Coordination Between Age-Matched Male and Female Individuals with Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82 No – 11, June, 2022
12	Dr. R. Giridharan	Health Related Physical Fitness And Associated Factors Among Individuals With and Without Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82, No – 11, June, 2022
13	Dr. R. Giridharan	Relationship of Balance and Bilateral Coordination Between Age-Matched Male and Female Individuals with Hearing Impairment	Journal of Education, ISSN: 0972-7175	Vol.24, Issue – 1 (19) June, 2022

14	Dr. D. Yuvaraj	Effects of Badaga Dance on Selected Physical Health of Students with Intellectual Disability	Journal of Education ISSN: 0972-7175	Vol.24, Issue – 1 (19) June, 2022
15	Dr. D. Yuvaraj	Effects of Specific Football Drills on Selected Physical Fitness and Skill Performance Variables of Students with Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82, No – 11, June, 2022
16	Dr. D. Yuvaraj	Influence of Inclusive Games On Special Olympic Football Skills Of Student With Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82, No – 11, June, 2022
17	Dr. S. Sakthivel	Relationship between Body Composition and Health Related Physical Fitness Factors among Children with Intellectual Disability	Madhya Bharti, ISSN: 0974-0066	Vol.82, No – 11, June, 2022
18	Dr. S. Sakthivel	Analysis of Bowling Accuracy and Target Hitting with Varied Run Up Techniques among College and Club Level Pace Bowlers In Thrissur District	Journal of Education, ISSN: 0972-7175	Vol.24, Issue – 1 (19) June, 2022
19	Dr. R. Giridharan	A Systematic Review on How Individual Factors Affect Physical Activity Participation among School Children	Journal of Fundamental & Competitive Research (Shodhasamhita) ISSN: 2277-7067	Vol-8 No.- 01(XXXVI): 2022
20	Dr. J. Viswanathan	Contribution of anthropometric and biomechanical variables supporting the performance of medium pace bowlers in cricket	International Journal of Research and Analytical Reviews ISSN: E-ISSN: 2348-1269, P- ISSN: 2349-5138	Vol.10, Issue – 1, February, 2023
21	Dr. J. Viswanathan	Analysis of anthropometric and biomechanical factors influencing the performance of first division cricket bowlers	Proceedings of the Research Methodology in Multidisciplinary subjects ISBN - 978-93-94901-44-5	

f) Other*(any other activities to report)*

Adapted Sports and Achievements: State-level tournaments were organized, and coaching were provided to athletes with disabilities in wheelchair badminton and table tennis. Students from the Vivekananda Inclusive Sports Academy have participated and achieved success in competitions like the C.M. Trophy and Khelo India Para Games.

Unified Sports Competition

- ❖ “Unified Sports Competition – District Level Tournament in 5-a-side Football and Bocce” was conducted on 6th April, 2022. A total of 53 special athletes from six special schools in Coimbatore District participated.

**Inter-State South India Level**

- ❖ RKMVERI – GAPEY in collaboration with Rotary Club of Coimbatore Midtown organized Inter-State South India Level Para Sitting Volleyball for Men and Para Throwball for Women Tournaments at Vidyalaya Indoor Stadium on 11th September, 2022.



Coimbatore District Level Sports Competition for persons with disabilities

- ❖ Coimbatore District Level Sports Competition for persons with disabilities was conducted on 22nd April, 2022. Sri R. P. Ravichandran, District Sports Officer was the Special Guest, Sri G. Vasantha Kumar, District Differently Abled Welfare Officer (DDAWO) and Ms. Sharmila, President, Coimbatore Paralympic Committee were the Invited Guest. Swami Virahanandaji Maharaj, Dr. R. Giridharan Associate Professor & Head were present. A total of 231 persons with disabilities participated in the events. Four categories (Men/Women) – Intellectual Disability, Visually Impaired, Hearing Impaired and Orthopedically Handicapped was conducted. The winners were honored with medals and certificates.



State Level Tournaments in Adapted sports

- ❖ In Commemoration of 125th year of Ramakrishna Mission and 75th Anniversary of Independence Day “RKMV Trophy – State Level Tournaments in Adapted sports” was organized on 14th & 15th August, 2022 in five categories namely

- Para Sitting Volleyball
- Cricket for Visually Impaired
- Kabaddi for Hearing Impaired
- Volleyball for Visually Impaired
- Football for Intellectually Challenged

Dr. G. S. Sameeran, District Collector, Coimbatore was the Chief Guest and inaugurated the Tournaments. A total of 364 Persons with Disabilities participated from 37 districts. In the Valedictory Function Rtn. K. Palaniappan, Former President, Rotary Club of Coimbatore Metropolis was the Chief Guest, Swami Tadbhasanandaji Maharaj, Correspondent, SRMV, Polytechnic College presided over the function, Rtn. CA M. Bhaskar, Secretary, Rotary Club of Coimbatore Metropolis, Rtn. R. Tharun, Rotary Club of Coimbatore Metropolis were the Special Invitees who distributed the Trophies, Certificates, Medals and Cash Prize to the Winners.



State Level Yogasana Competition for Person with Disabilities

- ❖ State Level Yogasana Competition for Person with Disabilities (Boys & Girls) was organized on 11th February, 2023 at Multipurpose Hall. A total of 140 athletes with Intellectual Disability, Visual Impairment & Hearing Impairment participated in the event. In the Valedictory Function, Swami Virahanandaji Maharaj, distributed the certificates and medals to the winners.



State Level T20 Cricket Tournament” for Persons with Hearing Impairment

- ❖ RKMVERI – Faculty of GAPEY in collaboration with Coimbatore District Deaf Association organized “State Level T20 Cricket Tournament” for Persons with Hearing Impairment on 12th February, 2023. A total of 6 districts – Coimbatore, Chennai North, Chennai South, Dindugul, Thiruvallur & Tiruppur participated in the tournament. Swami Buddhidanandaji Maharaj, Dty. Controller of Examinations, RKMVERI, Coimbatore Campus was the Chief Guest who distributed the prizes, trophies & medals to the winners.



Chief Ministers Trophy - District Level Athletic & Sports Meet for Person with Disabilities

- ❖ RKMVERI – GAPEY & State Development Authority of Tamil Nadu, Coimbatore conducted the Chief Ministers Trophy - District Level Athletic & Sports Meet for Person with Disabilities on 21st February, 2023. A total of 345 Athletes from Intellectual Disability, Hearing Impairment, Visual Impairment & Orthopedic Impairment participated. Ms. Sowmya Anand, IAS, Coimbatore District Assistant Collector, Training, Mr. Vasantha Rama Kumar. G, DDAWO, Mr. Ragu Kumar, DSO & Dr. R. Giridharan, Associate Professor & Head were the Guests.



Adapted Sports Coaching Camp:

Our faculty organized various adapted sports coaching camp are given below.

S. No	Camp	Date	Beneficiaries
1	Intensive Cricket Coaching Camp for Players with Visual Impaired	22.02.2023 to 02.03.2023	15
2	Intensive Kabaddi Sports Coaching Camp for Persons with Hearing Impairment	20.02.2023 to 03.03.2023	25
3	Intensive Para Sitting Volleyball Coaching Camp	10.02.2023 to 24.02.2023	15
4	Intensive Wheelchair Basketball Coaching Camp	18 th & 19 th February, 2023	08
5	Intensive Football Coaching Camp for players with Intellectual Disability	06.02.2023 to 17.03.2023	15

ADAPTED SPORTS COACHING FOR PERSONS WITH DISABILITY

- ❖ As a part of Internship, MPED students visited 12 Special schools in Coimbatore and trained the Adapted Sports and Games for CwDs from 6th to 23rd February, 2023.

Details of the events and beneficiaries of athletes and players with disabilities

S.No	Event	Dates	No. of Beneficiaries		
			Male	Female	Total
Weekdays / Weekend Coaching Programme					
1	Wheelchair Table Tennis	Wkdays / Wkend	01	02	03
2	Para Archery	Wkdays / Wkend	02	-	02
3	Wheelchair Para-Badminton	Weekdays	08	-	08
4	Athletics – All classifications	Wkdays / Wkend	04	04	08
5	Fitness Training – Autism	Weekdays	02	-	02
6	Athletics – Visual Impairment	Wkdays / Wkend	02	02	04
7	Football – Visual Impairment	Weekend	-	02	02
8	Football – Intellectual Disability	Weekdays	-	02	02
9	FDMSE Therapy Unit Children	Weekdays	15	07	22

Collaborative Outreach and Extension Activities: The Chair enhances opportunities for individuals with disabilities through collaborations with national institutions and sports federations, also provides consultancy services in partnership with NIEPMD, Special Olympics

Bharat & Paralympics (State Unit), and TNPESU. These collaborations extend to specialized training programs and inclusive events, and actively engages in community outreach, including organizing events like Unified Play Day (800+ CwSNs), International Day of Yoga, and the International Day for Persons with Disabilities.

- **Collaborations and Partnerships:**

- **Memorandum of Understanding (MoU) with Lakshmibai National Institute of Physical Education, Gwalior (April 15, 2022):** This MoU aims for long-term collaboration in academic affairs, including student exchange and faculty participation ¹.
- **MoU with University of Calcutta (February 14, 2022):** This collaboration focuses on academic programs in sports science, faculty exchange, student mobility, and mutual utilization of facilities ¹.
- **"Yoga Mahotsav" (May 23, 2022):** A one-day event sponsored by Morarji Desai National Institute of Yoga ¹.

Infrastructure Development: The Chair established the Vivekananda Inclusive Sports Complex with elite-standard facilities, on-site sports science laboratories, and sports clinic centers, providing an ideal environment for coaching, training, and preparation for competitive sports for all athletes. The chair recognized the need for creating accessible sporting environment for persons with disabilities. Innovative assistive devices and adaptive sports equipment are under development, with a patent application filed. The chair also equipped with several direct service units that provide comprehensive support to individuals with disabilities.

AUGMENTATION OF INFRASTRUCTURAL FACILITIES

A. Vivekananda Inclusive Sports Complex

Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) – Faculty of General & Adapted Physical Education and Yoga (GAPEY), and Rotary Club of Coimbatore Metropolis Trust, recognized the need for creating accessible sporting environment for persons with disabilities so as to enable them excel in sports with a view to boost participation of Persons with Disabilities in sports activities both at National level and International level. RKMVERI Faculty of GAPEY & Rotary Club of Coimbatore Metropolis Trust has established a standardized world class infrastructural facilities and equipment for both indoor and outdoor game which will serve as a training center for disability sports, entitled ‘Vivekananda Inclusive Sports Academy for Differently-abled (VISAD)’ at Coimbatore Campus, to compete and win Paralympics, Deaflympics, Special Olympics and other international events on an average of 150 persons with disabilities in a day. The teacher-trainees and research scholars of GAPEY are working closely with the special athletes to develop the fully accessible center with the ability to train and host more than 14 official sports. We are training and providing all possible means to enable our athletes with disabilities to reach their full potential and achieve sporting excellence in higher competitions.



B. Books & Journals Purchased

S. No	Books / Journals	Quantity	Amount
1	Books	589	Rs. 2,95,954 /-
2	Journals	02	Rs. 2,09,848 /-

Programmes, Competitions, and Community Engagement: GAPEY organizes various programs, including the International Day of Yoga for PwDs, leadership training camps, and the Inclusive Project Track & Field Meet. Key initiatives include the "Fit India Movement" and specialized yoga coaching for children with special needs.

- Refresher Programme on "Research Methodology": A five-day refresher program on "Research Methodology in the field of Special Education and Disability Rehabilitation" was held from August 16th to 20th, 2022.
- CRE Programme on 'Learning Disability and its Differential Diagnosis': A three-day RCI approved CRE training program on 'Learning Disability and its Differential Diagnosis' was organized from October 19th – 21st, 2022.
- Sports Meet for Individuals with Disabilities: A sports meet for individuals with disabilities was organized on November 11th, 2022.
- Orientation Programme for Parents of Children with Intellectual Disability: A one-day orientation program for parents of children with intellectual disability about "Future Prospects" was organized on November 29th, 2022.
- Training Programme on Orientation and Mobility: A three-day training program on Orientation and Mobility was conducted from January 30th to February 1st, 2023.
- Swavridhhi - A Self Development Programme for Children with Intellectual Disability: A one-day training program for children with intellectual disabilities – SWAVRIDDHI was organized on February 7th, 2023.
- Training Programme on Enabling Mobile Apps for Persons with Visual Impairment: A two-day training program on Enabling Mobile Apps for Persons with Visual Impairment was organized on February 9th and 10th, 2023.
- Training Program on 'Life Skills Development for Students with Intellectual Disability: A 3-Day Activity-based Training Program on 'Life Skills Development for Students with Intellectual Disability' was organized from February 23rd to 25th, 2023.
- CRE Programme - "Application of Technology in Education and Training": A three-day RCI approved CRE training programme on "Application of Technology in Education and Training" was organized from March 2nd – 4th 2023.
- Training Programme - Care and Usage of Amplification Devices: A one-day training program for parents on 'Care and Usage of Amplification Devices in Developing Communication skills for Children with Hearing Impairment' was organized on March 3rd, 2023.
- Community Participation Program (CPP): A one-day community participatory program

(CPP) for parents of children with intellectual disability was organized on March 9th, 2023.

- Orientation Programme on Creating Accessible and Inclusive Classrooms: A one-day orientation program on Creating Accessible and Inclusive Classrooms for Children with Special Needs was organized on March 16th, 2023.
- Sensitization Programme: A one-day sensitization program on Physical and mental well-being for Parents of Children with Cerebral Palsy was organized on March 25th, 2023.

NEW INITIATIVES

Fit Vidyalaya Programme

- ❖ Adopting the idea of Fit India Movement initiated by the Government of India, our faculty as implemented the Fit Vidyalaya Programme to the Swami Shivananda Hr. Sec. School children of Grades 6 & 7 from July 2022 to February 2023 on all working Thursdays. A total of 360 students were benefited by this programme.

Value Added Programme (Multidisciplinary Courses)

- ❖ To encourage the Inter-disciplinary participation of the students to gain knowledge on various disciplines our institution has initiated value added programmes in association with various Vidyalaya institutions. A 48 hours programme has been designed and implemented to our students as mentioned below, and also our department offers the same parallel courses to the Vidyalaya institutions.

Multi-Disciplinary Courses Offered by Other Institution for GAPEY Students

S.No	Course	Offering Institute	Number of Students Enrolled
1	Basic Two Wheeler Mechanics	SRMV ITI	54
2	Basic Electronics		59
3	Introduction To MS Word	SRMV Polytechnic	53
4	Food Processing and Post-Harvest Management	RKMVERI - ARTD	45
5	Rural Bio Technology		82

Multi-Disciplinary Course Offered by GAPEY

S.No	Course	Participating Institute	Number of Students Enrolled
1	Exercises and Fitness	SRMV Polytechnic	194
2	Management	SRMV CAS (SF)	147

PROGRAMMES AND COMPETITIONS ORGANIZED

International Day of Yoga

- ❖ International Day of Yoga was celebrated on 21st June 2022. Dr. R. Giridharan, Associate Professor & Head delivered the welcome address, Swami Garishthanandaji Maharaj, Administrative Head presided over the function. A total of 688 students from various Vidyalaya Institutions performed the yoga protocol in the function.



National Constitution Day

- ❖ National Constitution Day was observed on 26th November 2022. A total of 356 students participated and took the pledge.



National Youth Day



- ❖ GAPEY celebrated the “National Youth Day” on 12th January, 2023. Student Literary Association organized a special lecture in the topic “Youth & Nation Building” delivered by Swami Narayananandaji Maharaj, Secretary, SRKV, Institute of Agriculture and Rural Development and also the staff members participated in the programmes organized by Ramakrishna Mission Vidyalaya at Vivekananda Park.

Indian National Wheelchair Basketball Camp

- ❖ RKMVERI – Faculty of GAPEY in Association with Wheelchair Basketball Federation of India conducted the training camp to select the Indian National Wheelchair Basketball Team from 4th October to 3rd November, 2022. The Valedictory function of the camp was conducted on 4th November, 2022 at Indoor Stadium. Swami Buddhidanandaji Maharaj, Dy. Controller of Examination, RKMVERI, was the Guest who delivered the Benedictory Address and presented the mementos to the players and the coaches. Dr. R. Giridharan, Head of the Department, Sri Sharath Nagkne, Head Coach, Sri Thayumanava, Asst. Coach were the dignitaries on the dais. Dr. J. Viswanathan, Assistant Professor coordinated the training camp.



International Day for Persons with Disabilities (IDPD-2022)

- ❖ International Day for Persons with Disabilities (IDPD-2022) was observed on 3rd December, 2022. In this connection RKMVERI – Faculty of GAPEY in collaboration with Tamil Nadu Paralympic Sports Association & Coimbatore District Paralympic Sports Association organized Regional Para Athletic Meet – 2022 at Vivekananda Inclusive Sports Complex. A total of 94 athletes participated in 100m, 200m, Shot put, Discus & Javelin events. Swami

Buddhidanandaji Maharaj, Dy. Controller of Examination, RKMVERI – Coimbatore Campus was the Chief Guest in the inaugural function and flagged off the Track & Field events. The winners were awarded with medals & certificates.



Young Athlete Training Programme for Community Capacity Building

- ❖ Young Athlete Training Programme for Community Capacity Building was organized at Jeyam Special School & Autism Center, Coimbatore on 22nd February, 2023. 29 Special Children, 34 Parents, 6 Special Educators, 4 Therapists and 3 Caretakers participated. Series of MATP games and activities were conducted. Dr. A. Sathiya Moorthy & Sri S. Rajavarman, Coordinated the programme.



Unified Play Day & Sports Competition – 2023

- ❖ A total of 470 Students (370 ID Children & 100 Normal Children) participated in the programme. Swami Garishthanandaji Maharaj, Secretary, Ramakrishna Mission Vidyalaya & Administrative Head, RKMVERI, Coimbatore Campus was the Chief Guest. Monks, Heads of Vidyalaya Institutions, Special Invitees, Parents, Special Educators, Physiotherapist, witnessed the programme.

Demonstration Activities:

Yoga, Free Hand Exercises, Social Group Behavior, Handkerchief Exercises, Hoops, Flag Drills & Kolam.

Stall Inauguration:

Physiotherapy Stall : Dr. R. Thangavel, Principal, SRMV, CAS
 Play Therapy Stall : Dr. Ch VST Sai Kumar, Principal, SRMV, MCPE
 Various Therapy Stalls : Dr. N. Muthaiah, Dean, RKMVERI – FDMSE

Sports Competition Inauguration:

Football & Bocce : Dr. S. Alagesan, Director, SVCHC
 : Dr. G. Subramonian, Principal, SRMV, COE



Young Athlete Training & Community Capacity Building Programme

- ❖ Young Athlete Training & Community Capacity Building Programme was organized for the RKMVERI – FDMSE Special Children and Parents on 11th & 18th March, 2023. Thirty-Eight Special Children, 15 Parents & 3 Special Educators participated. Series of Motor Activity Training Games and Activities were conducted. Sri S. Rajavarman, Coordinated the programme along with 30 teacher trainee volunteers.



Special Teachers Convention Programme and Special Olympics – Young Athlete Training & Capacity Building Programme

- ❖ Faculty organized “Special Teachers Convention Programme and Special Olympics – Young Athlete Training & Capacity Building Programme” on 27th March, 2023. Twelve playing stations for CwDs was arranged with the help of 40 teacher trainees, in which 165 CwDs and 45 Parents participated and exhibited their talents. Seventy-three special education teachers along with the parents and caregivers attended the convention programme and got exposed & handling the CwDs through various Motor Activity Training and Adapted Activities. The CwDs were appreciated with certificates & medals, while Teachers & Parents with certificates.



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)

The Chair's future plans and development prospects are rooted in reinforcing its core activities of training, research, and community engagement, while continuously enhancing its infrastructure and human resources.

In Training, the focus includes ongoing faculty development programs to integrate ICT tools and multimedia content production, ensuring staff are equipped with modern teaching techniques.

Research will continue to expand through the submission of new project proposals to various funding agencies like IKS, ICSSR, and DST, aiming for sustained growth in research output. The organization of research colloquia, such as the recent one on AI in research, indicates a commitment to exploring contemporary and interdisciplinary research avenues. Doctoral committee meetings and viva voce examinations will continue as scheduled, supporting advanced research degrees.

Conferences and Meetings will remain a key platform for knowledge dissemination and exchange. The recent National Conference on "Breaking Boundaries in Sports Sciences" and upcoming workshops on indigenous sports, adapted sports capacity building, and advanced

research methodologies demonstrate a clear intent to host significant academic events. Guest lectures will continue to provide diverse perspectives on topics like coaching challenges, competitive examination preparation, fitness management, nutrition, and sports psychology.

The Chair also aims to strengthen its Collaborative Outreach and Extension Activities by leveraging existing partnerships and forging new ones with national institutions and sports federations. This will facilitate expanded specialized training programs, inclusive events, and community engagement, particularly benefiting individuals with disabilities.

Infrastructure Development will proceed with the ongoing development of the Vivekananda Inclusive Sports Complex, aimed at providing elite-standard facilities for coaching, training, and competitive sports for all athletes, recognizing the need for accessible sporting environments. The development of innovative assistive devices and adaptive sports equipment, alongside the patent application, indicates a commitment to technological advancement for the benefit of persons with disabilities.

New Initiatives such as the Fit Vidyalaya Programme and specialized Yoga Coaching for Children with Special Needs will continue to be integrated into broader community programs, promoting physical well-being and inclusive participation. The continuous conduct of Unified Play Day & Sports Competitions underscores a commitment to fostering an inclusive sporting environment.

The strategic recruitment of Sports Trainers further reinforces the commitment to developing specialized expertise in various adapted sports. Overall, the Chair is poised for continued growth in its mission to promote inclusive education, research, and sports, aligning with the 2023 UNESCO Recommendation.

Human Resources during the reporting period			
Human Resources			
<p>Manpower and Faculty Development: The Chair strengthens its capabilities through strategic staff recruitment, including sports trainers in various adapted sports to train CwSNs and fosters continuous development through Faculty Development Programmes (FDP), ensuring a dedicated and knowledgeable team</p> <p>The UNESCO Chair's initiatives strongly align with the 2023 UNESCO Recommendation by promoting inclusive education, developing relevant curricula, and fostering global citizenship. Through activities supporting gender equality, mental and physical health, community engagement, research-driven policy, and teacher training, the Chair actively advances peace, human rights, and sustainable development.</p> <p>❖ Newly recruited teaching and Non-teaching staff members were reported the faculty as mentioned below</p>			
S. No	Name of the Staff	Designation	Date of Joining
1	Dr. N. Karthikeyan	Assistant Professor	25.05.2022
2	Dr. S. Sathish Kumar	Assistant Professor	30.05.2022
3	Sri D. Marimuthu	Multi-tasking Staff	25.05.2022
4	Sri V. Kalidasan	Accountant	01.06.2022
5	Sri K. Saravanamoorthy	Groundsman	01.06.2022
6	Dr. J. Viswanathan	Assistant Professor	01.07.2022
7	Dr. Vijmendra Kumar Grover	Assistant Professor	07.12.2022

AWARDS

- ❖ Sri M. Clinton of MPED II Year acted as Ring Referee for the “State Level 3rd Invitation Boxing Championship” organized by Tamil Nadu Boxing association at Kanchipuram on 2nd & 3rd April, 2022. He also received **“Best Referee Award”** in the championship.
- ❖ Sri G. Selvaraj of BPED II Year received the **“Best Teacher Award for Silambam”** from National Selva Ratna Awards – 2022, conducted by Noble Book of World Records on 10th July, 2022.
- ❖ Sri A. Vishal of BPED II Year, received the **“Best Student Award – GAPEY 2022 – 23”** at the GURU PUJA 2023 Celebrations on 1st January, 2023.