



National Seminar on Assistive Technology in Education and Sports for Total Inclusion of Persons with Disabilities

6th & 7th February 2015



Organised by
**National Institute for Empowerment of
Persons with Multiple Disabilities (NIEPMD)**
Chennai, Tamil Nadu

In Collaboration with

**Faculty of Disability Management
and Special Education (FDMSE)**



**Faculty of General & Adapted Physical
Education and Yoga (GAPEY)**

**Ramakrishna Mission Vivekananda University
Coimbatore Campus**

About the University...

Ramakrishna Mission Vivekananda University (RKMVU) is intended to actualize Swami Vivekananda's fundamental educational ideas of imparting life building, man-making and character-building education by combining the best elements of the East and the West. The two off-campus faculties of Vivekananda University Faculty of Disability Management and Special Education (FDMSE) & Faculty of General & Adapted Physical Education and Yoga (GAPEY) are located at the Ramakrishna Mission Vidyalaya, Coimbatore, Tamil Nadu. The UGC Review Committee, set up by the Ministry of HRD to evaluate performance of Deemed Universities in India, accorded 'A' grade status to our University. FDMSE offers RCI recognised teacher training special education courses from Diploma to M.Ed. level. GAPEY offers teacher training courses in Adapted Physical Education such as D.P.Ed., B.P.Ed., & M.P.Ed. Research Programmes viz M.Phil.&Ph.D. are also offered by both faculties.

National Seminar

'The National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD)', Chennai, has planned to organize a two-day National Seminar on "Assistive Technology in Education and Sports for Total Inclusion of Persons with Disabilities" on 6th & 7th, February 2015 in collaboration with the Faculties of RKMVU, FDMSE & GAPEY, in Coimbatore campus.



About National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD)

National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD) is established in the year 2005, in Chennai, Tamil Nadu, under the Department of Disability Affairs, Ministry of Social Justice & Empowerment, Govt. of India. NIEPMD serves as a national resource center for empowerment of persons with Multiple Disabilities for those who function with two or more disabilities. The objectives of the NIEPMD are: (i) to undertake development of



human resources for management, training rehabilitation, education, employment and social development of persons with Multiple Disabilities, (ii) to promote and conduct research in all areas relating to Multiple Disabilities, (iii) to develop Transdisciplinary models and strategies for social rehabilitation and to meet the needs of diverse groups of people with Multiple Disabilities &(iv) to undertake services and outreach programs for the persons with Multiple Disabilities. This Institute also provides assessment and evaluation covering case history, physical and medical examination, intellectual and developmental assessment, special educational assessment, therapeutic needs assessment and vocational assessment.

Background of the National Seminar

India is a centre of rich ancient educational heritage right from the Vedic age led by the rishis, gurus and various schools of thoughts that patronize teaching and learning to be focused on knowledge building in order to create inclusive society for all irrespective of their diversified socio-cultural traits. Over the years, the people of our country have undergone several socio cultural experiences due to the influence of technological development. In the era of globalization and in convergence with the recommendations of United Nations Convention on the Rights of Persons with Disabilities (UNCPRD) and implementing its policies,

every educational institution is empowered with the responsibility of providing equal access to education for all children irrespective of their diversified talents and abilities. In present day context, India has 26,810,557 people of its total population with some or other form of disability and 7,862,921 constitute those below 19 years of age group. (Census of India, 2011).

Technology can play a major role in rehabilitation and empowerment of children and persons with disabilities so as to cater to the needs of the huge disability population of our country to a great extent.

Assistive Technology (AT) is one among such latest technological approaches that enhances the functional abilities of persons with disabilities. AT provides opportunities for the persons with disabilities to overcome the barriers in learning and social environment using their acquired or inherent abilities by adaptations. It makes them more confident, enthusiastic and actively involved in the learning processes. AT also encourages the persons with disabilities to utilize educational opportunities so as to obtain suitable job placements and enable them to exhibit their sporting talents while participating in sports and games.

With all such merits, AT is less accessible to children and persons with disabilities due to the non-availability and cost effectiveness. As the special educators, physical education teachers and parents play a vital role in shaping the career of children with disabilities, they require more awareness regarding the availability of Assistive Technology. Moreover, they should also be made acquainted with the knowledge about the policies & schemes available at Government institutions like NIEPMD and other National, State Institutions involved in the service of the persons with disabilities to procure assistive products and know the nuances of dealing with them.

Faculty of Disability Management and Special Education (FDMSE) and Faculty of General and Adapted

Physical Education & Yoga (GAPEY) of Ramakrishna Mission Vivekananda University, with decades of experience in the field of special education and adapted sports, are presently providing training for special educators & physical educators to conduct research in AT and share the outcomes of it to those who are involved in education and sports of persons with disabilities. To further strengthen such initiatives, the two faculties FDMSE & GAPEY in collaboration with NIEPMD have planned this seminar which aims at bringing together special educators, physical education teachers, research scholars, parents and other stake holders of institutions serving for the persons with disabilities to share their ideas and suggestions, highlight researches undertaken, collaborate and work together for the real inclusion in education and sports by effectively utilizing Assistive Technology.

This seminar also aims to create awareness on latest updates, products and services of Assistive Technology through an exhibition wherein the developers, vendors and service providers of Assistive Technology will exhibit their products for the benefit of all who are interested to know the variety of indigenous products available for normalizing the capabilities of persons or children with disabilities in order to meet the demands of the local, physical and social environment.

Objectives of the National Seminar

- To provide a comprehensive understanding of the need for assistive technology for the inclusive society.
- To disseminate information relating to technological advancements in the field of special education, disability management and adapted physical education.
- To examine and encourage the use of appropriate gadgets to enhance the functional capabilities of the persons with disabilities.
- To explore the best practices in the assessment and utilization of assistive devices for persons with disabilities.
- To identify the strategies to promote quality services in special education and adapted physical education through technology.
- To showcase the cutting edge technologies for the empowerment of the diverse learners.
- To explore the avenues for conducting interdisciplinary research for evaluating the benefits of applying AT.
- To identify adaptations required that enable players with disabilities to participate in sports using AT devices.
- To enable athletes/ sports persons with disabilities to acquire knowledge of the availability of AT devices suitable to their needs/ competitive requirements.
- To identify the possibilities of utilizing appropriate AT devices to sharpen the training skills of the persons with disabilities to effectively manage the competitive environment through their athletic performance.

Themes/Thrust Areas for Paper/ Poster Presentation

- Inclusive Education: Equal access to resources through Assistive Technology.
- Equalising Daily Life opportunities by Assistive Technology implementation.
- Communication and Learning Adaptations through Assistive Technology.
- Rehabilitation Therapies aided by Assistive Technology.
- Assistive Technology for meeting individual needs and developing abilities of persons/children with disabilities.
- Technology in Paralympics for performance enhancement.
- Adaptive Sports and Recreation Technologies.
- Case studies of Institutions successfully implementing Assistive Technology in sports.
- Assistive devices for the persons with disabilities enabling exercise and training in sports.
- Current trends in research on Assistive Technology and its utility in Sports.

Special Feature: ASSISTIVE TECHNOLOGY-STALLS

Stalls will be available to display various Assistive Devices for the persons with disabilities. Interested organizations/ individuals are invited to participate.

Resource Persons:

Eminent speakers in the respective areas of specialization have consented to address the delegates during the Seminar.

Target Participants:

Special Educators, Teacher Educators, Paraprofessionals (physiotherapists, speech therapists, occupational therapists, low vision specialists), Physical Education Professionals / Teachers / Students, Yoga teachers, Social Workers, Parents of children with disabilities, Caretakers and Research Scholars.

Instructions for Paper Presentation

Delegates who wish to present papers in the Seminar are requested to send the abstracts and full papers on or before 30th January 2015 to the mail ID: office@vucbe.org. The hard copy of the abstract and full paper should reach the University on or before 30th January 2015.

Abstract & Full Paper :

Font : Times New Roman, Size-12
Word Limit : Not exceeding 200 words for abstract and 3500 words for Full paper.

Registration Fee:

Registration fee includes working lunch and seminar kit. The registration fee should be paid either by cash at FDMSE office or by DD drawn in favour of The Director, NIEPMD, payable at Chennai on or before 30th January 2015. The filled in registration form and DD should be sent to our contact address.

Professionals / Academicians /
Research Scholars / Students : Rs. 1000/-
Persons with Disabilities : Rs. 500/-

Accommodation:

Dormitory type simple accommodation inclusive of food will be arranged for two days only on prior request and payment.

Accommodation Fee : Rs.300/- will be charged for accommodation.
No TA / DA will be given.

Location :

Both the Faculties, FDMSE & GAPEY, are located in the campus of Ramakrishna Mission Vidyalaya at Periyanaicken palayam on the Ooty Main Road, Coimbatore. The centre is 18 kms away from Coimbatore central bus stand and the same distance from the railway station along the National highway to Ooty.

TENTATIVE SCHEDULE

Day 1

- 08.30 - 10.00 am : Registration
- 10.00 - 11.15 am : Inauguration (Key Note Address)
- 11.15 - 11.45 am : Tea Break
- 11.45 - 12.30 pm : Plenary Session
- 12.30 - 01.15 pm : Plenary Session
- 01.15 - 02.15 pm : Lunch Break
- 02.15 - 03.00 pm : Plenary Session
- 03.00 - 03.30 pm : Tea Break
- 03.30 - 05.00 pm : Paper presentation

Day2

- 09.30 - 10.15 am : Plenary Session
- 10.15 - 11.00 am : Plenary Session
- 11.00 - 11.30 am : Tea Break
- 11.30 - 12.15 pm : Plenary Session
- 12.15 - 01.00 pm : Plenary Session
- 01.00 - 02.00 pm : Lunch Break
- 02.00 - 03.30 pm : Paper / Poster presentation
- 03.30 - 04.00 pm : Tea Break
- 04.00 - 05.00 pm : Valedictory Session

Buses to the Vidyalaya:

From Railway Station : 6A, 27C, 32A, 32C, 32D, 32E, 32K

From Gandhipuram : 27,27B, 32,32R, 102A, 104,124.

Advisory Members:

Dr. N. Muthaiah, Hon. Dean, FDMSE, RKMVU

Dr. Neeradha Chandramohan, Director, NIEPMD,

Sri S. Sankara Narayanan, Deputy Registrar, NIEPMD

Contact Numbers:

Dr. N. Muthaiah, Hon. Dean, RKMVU- FDMSE, 99655 13790

Dr. S. Alagesan, Professor & Head, RKMVU- GAPEY, 94434 20801

Sri R.Giridharan, Asst. Professor, RKMVU-GAPEY, 99940 59479

Sri P. Ramakrishna, Asst. Professor, RKMVU- FDMSE, 75027 32223

Coordinators from NIEPMD:

Sri P. Kamaraj, Lecturer in Special Education

Sri B.S. Santosh Kanna, Lecturer in Physiotherapy

Mr. Rajesh Ramachandran, RO

***Send papers only to our mail ID : office@vucbe.org**

Contact Address:

**Faculty of Disability Management and Special Education (FDMSE)
& Faculty of General & Adapted Physical Education and Yoga (GAPEY)
Ramakrishna Mission Vivekananda University**

Coimbatore Campus

SRKV Post, Perianaikenpalayam, Coimbatore, Tamil Nadu 641020

Phone: FDMSE - (0422) 2697529,2698553, GAPEY - (0422) 2692667

Email - fdmse@vucbe.org, gapey@vucbe.org

Website: www.vivekanandauniversity-cbe.org