

CURRICULUM VITAE



Name : Narkeesh Arumugam. A.
Father's Name : Ananchaperumal
Spouse Occupation : Sr. Clinical Physiotherapist
Date of Birth : 03. June , at present (38 years)
Sex : Male
Marital Status : Married
Nationality : Indian
Languages Known : English, Hindi,Punjabi & Tamil
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India
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Passport No : **H3753185**
Issue Date : 27/03/2009
Expiry Date : 26/03/2019
Place : Chandigarh

Professional Qualification : **Ph.D Degree**

Name of the University : Punjabi University,Patiala(PB)
Name of the Faculty : Faculty of Medicine
Name of the Department : Department of Physiotherapy & Sports Science
Name of the Supervisor : Prof(Dr).Satish Kumar Verma
Name of the Co-supervisor : Prof(Dr).Narinder Kaur Multani

Name of the PhD work : **Clinical Significance of Electro diagnosis in PIVD as compared with Radio diagnosis.**

Duration of the PhD work : **From Jan 2006 to March 2010**

Specialization : **Adult Neurology, Spine, Radiology & Electro Diagnosis**

PhD Awarded : **21st Oct 2010**

Professional Qualification : **Master of Physiotherapy**

Specialization : **Neurological Disorders**

Name of the University : H.N.B. Garhwal, University, Srinagar
(Uttaranchal) India.

Name of the Institute : S. Bhagwan Singh Post Graduate Institute of
Biomedical Sciences & Research, Balawala,
Dehradun (UA)

Professional Qualification : **Bachelor of Physiotherapy**
Name of the University : Dr. M.G.R. Medical University
Chennai- 600032
Tamil Nadu
INDIA

Professional licence No. : **1003-L**

Professional Body : Uttaranchal Association of Physiotherapist
Dehradun,
Uttaranchal State
India

Valid upto : Life Member

Professional Body : **Delhi council for physiotherapist and occupational Therapist –PR -178**

Indian Association of Physiotherapist(IAP) : **Life Member-19740-L**

UAE- MOH Licence-Grade : **SENIOR CHARGE(Physiotherapist)1/05 dated**

Professional Body : **Exercise Fitness and Health Alliance**

Professional Body : **International Spinal Cord Injuries Society (ISCOS)**

Professional Body : **Punjab Academy of Science (L-1016)**

Member : **International Society of Physiotherapy Journal Editors(ISPJE)**

Educational Qualification

Name of the course	Board/University	Year of passing	Class
S.S.L.C. (10 th)	Tamil Nadu State Board	April, 1992	I
HSC (10 th)	Tamil Nadu State Board	April, 1994	I
B.P.T.	Dr. M.G.R. Medical University, Chennai	Nov., 1997	I(college 1 st)
M.P.T. (Neurological Disorders)	H.N.B. Garhwal, University, Srinagar (UA)	June, 2004	I (univer-1 st) 2 nd year
PhD Spine & Electrodiagnosis	Faculty of Medicine Punjabi University, Patiala	Oct,2010	Awarded

Additional Professional Qualification /Training

1. **Course** : **Diploma in Sports & Extremity Manipulative Therapy**
Institute : Goodrum Seminar (UK)
Place : Chiagmai, Thailand

Year : Sep 2013
2. **Course** : **Post Graduate Master Diploma in Osteopath Manipulative Therapy**
Institute : Back to Balance school of Osteopath and Robbert Goodrum Seminar (UK)
Place : Chiagmai, Thailand

Year : June 2012
3. **Course** : **Diploma in sports physiotherapy**
Institute : Vidya Sagar Institute of Sports and Education, Midnapore (West Bengal)
INDIA
Year : May, 1999
Class : I class
4. **Course** : **Certificate in Yoga Therapy (Kriya Hatha Yogam) and advance Yoga Therapy**

Duration : One Month + One Month
Provides : Prof. Yogi S.A.A. Ramaiah M.A. (Sc), A.A. (Pros and Ortho.) MD (Hol. Med.)
Institute : Kriya Baba ji International Yoga Sangam, Athanoor (TN)
Year : July 1995
Class : I class

Additional Professional Specilization Course

1. **Course** : **Certificate in Orthopaedic medicine**
Duration : 29th –31st March, 2004
Hours : 25 Hours
Certified by/
Course Coordinator : Dr. Michael Alexender Hutson
Vice President
International Federation of Manual/Musculoskeletal
Medicine B-0608 Warsage, Their Saive-49,
BELGIUM
2. **Course** : **Certificate in “Basic concepts of Musculo-Skeletal Manipulative Therapy”**
(G.D. Maitland’s concept)
Duration : 16 Days (Nov. 2003)

- Hours : 128 Hours
 Course Co-ordinator : Dr. G.C. Ananda Jothi M.P.T.
 (Australia) Manipulative therapist
 Institute : Sardar Bhagwan Singh P.G. Institute of Biomedical
 Sciences & Research, Balawala, Dehradun-248 161
 (UA) India
- 3. Course : Certificate in “Upper and Lower Quarter
 mulligan concept courses”**
 Duration : 4 days (Oct. 2003)
 Course Co-ordinator : KIM ROBINSON
 Manipulative Physiotherapist,
 Member of the mulligan concept Teachers
 Association Adjunct Senior Teaching Fellow
 (Curtain University)
 Manual Concepts/ Education for Health
 Professionals)
 26 (A) Pine Tree Lane, Mt claremont,
 Western Australia, 6010
 Web site: www.manualconcept.com
- 4. Course : Certificate in “Neuro Rehabilitation”**
 (Neuro-Developmental Techniques Such as
 Sensory Integration, Bobath Therapy, Rood’s
 approach, Motor learning and Brunnstrom’s
 approach)
 Duration : 10 Days to 8 hours each (Oct. 2003)
 Programme Coordinator : Dr. R. Harihara Prakash, MPT (paed. Neuro)
 Head, Deptt. of Neuro Rehab.
 All Saints Para Medical College,
 Ludhiana (PB) India
 0091-0161-3124505
 Email: saihari76@rediffmail.com
- 5. Course : Certificate in Neuro development therapy&
 Sensory integration(NDT)**
 Duration : 3 Days (25 hours) March 2005&Dec 2005
 Programme coordinator : Dr.Saravanan shivanithi
 Head department of Physiotherapy
 Spastic society of Tamilnadu(TN)
- 6. Course : Certificate in manual therapy (Mulligan’s
 concept)**
 Duration : 2-days(16-Hours)Nov2005
 Programme coordinator : Dr. Tim Mann
 Australia
- 7. Course : Certificate CME Programme on Gait
 Rehabilitation in SCI**
 Duration : One Day (8hrs)March 06
 Place : Indian Spinal injuries Centre,New Delhi.
- 9. Course : Certificate in manual therapy (Mulligan’s**

- Duration : **concept**
 Programme coordinator : 2-days(16-Hours)Nov2006
 Brian. Mulligan
 Australia
11. **Course** : **Certificate in manual therapy in cervical spine
 Maitland concept**
 Duration : 2-days(15-Hours)june2007
 Programme coordinator : Dr. Ashish Kaushik
 England
12. **Course** : **Certificate in taping in knee - Mc Conel's**
 Duration : 2-days(16-Hours)march 2008
 Programme coordinator : Dr. Mary Brunette
 U.S.A
13. **Course** : **Fundamentals in NDT approach in Adult
 Hemiplegia"**
 Duration : 2-days(16-Hours)JAN 2008
 Programme coordinator : Dr.John Day mohre
 Senior member-NDT
 All Saints Institute of Medical Sciences
 Ludhiana(PB)
14. **Course** : **Cardiopulmonary Resuscitation & First Aid
 Management"**
 Duration : 1-days(8-Hours)5 OCT 2008
 Programme coordinator : Dr.Srivastava
 Speciality-Emergency care
 Apollo Hospital,Ludhiana(PB)&
 Punjabi University,Patiala
15. **Course** : **Orthosis & Prosthesis**
 Duration : 2-days(16-Hours) March 2009
 Programme coordinator : Prof N.K.Mutani
 Department of Physiotherapy,
 Punjabi University,Patiala
16. **Course** : **Neural Mobilization**
 Duration : 2-days(16-Hours) Nov 2009
 Programme coordinator : Prof . A.G.Dhandapani (Resource Person)
 Dr.A.G.Sinha(Convenior-IAP (Punjab Branch)
 Department of Physiotherapy,
 Punjabi University,Patiala
17. **Course** : **Basic and Advance Myofacial Techniques**
 Duration : 2-days(16-Hours)Nov 2010
 Programme coordinator : Dr.Arun mozhi
 Organized : Cortex & Kanishk Pain & Paralysis,Rishikesh(UA)

18. **Workshop** : **Comprehensive Management of Spinal Cord Injuries**
April 27-29,2012 at Indain Spinal Injuries Centre
New Delhi,India
19. **International Workshop:** **Balancing Evidence Based Medicine(EBM) with Clinical Reasoning-Proprioception Neuromuscular Control**
- Duration : 2-days(16-Hours)Aug 2012
Programme coordinator : Dr.Helen Milson
Organized : MM Institute of Physiotherapy & Rehabilitation and IPRS,Mullana(Haryana)

AWARDS & PRIZES

- Award** : **Best out going student in 1997**
KBYS COLLEGE OF PHYSIOTHERAPY,
ATHANOR(TN)
- Award** : **Award of Excellence-Physiotherapy professional &Academic Development in Uttrakhand (2008)**
-IAP 2008,DEHRADUN
- Award of Honor** : **Winter Sports -Special Olympic, Shimla 2008**
- Patanjali Award** : **Achievement award(2011) in the field of Physiotherapy**
-Bharathiya Vellalar Sangam,Tamilnadu,India
- Significant Contribution Award 2013** : **AIIMS Physiotherapy Conference2012- 2013**
- Significant Contribution Award 2013** : **51st annual conference of IAP 2013 held at Kala academy Panjim,Goa.**
- Significant Contribution Award 2013** : **NEUROAXIS 2013 AIIMS & IAMR**
NEURO PHYSIOTHERAPY CONF 2013
- Significant contribution Award 2014 in Manual Therapy In India** :
- Awarded by Brain Mulligan, in Mulligan Conference 2014, organized by Capri Institute, New Delhi and D Y Patil Institute, Pune**

PRIZES

- 1. Ist prize in poster presentation Titled Clinical Significance of Electrodiagnosis in L5-S1 Disc Herniation**

WCPT-AWP IAP CONFERENCE 2009

- 2. Ist prize in paper presentation Titled Sensitivity of Electro diagnosis in Disc Herniation as compared with Radio diagnosis.**

GIAN SAGAR PHYSIOCON 2010

- 3. Ist prize in paper presentation Titled Effect of Exteroceptive and Proprioceptive sensory stimuli on H-reflex and on Excitability of nerve.**

PHYSIOCON CHANDIGARH 2010

Extra Curricular /Leadership Activities and special achievements

Member-Cortex : CORTEX-Group of Physiotherapy Professional Development of Physiotherapy Education Conducting workshops,Seminor,CME& Conferences (From Jan 2008)

Examiner : Under Graduate & Post Graduate (Written, viva and practical)
Physiotherapy course in
* H.N.B. Garhwal University, Srinagar (UA)
* Baba Farid Health University, Faridkot (PB)
* Delhi University, Delhi
* Dr. B. Ambedkar University, Agra (UP)
* Kurukshetra University, Kurukshetra (Haryana)
* C. Charan Singh University, Meerut.
* GGS Inderpresth University, New delhi
* Burkathulla University, Bhopal (MP)
* Guru Jandeshwar University, Hisar (Har)
* Guru Nanak Dev University, Amritsar (PB)
* Rohtak University, Rohtak (Har)
* Ravi shankar University, Raipur (cc)
* MD University, Rohtak (Har)
* Lovely Professional University, Jalandhar (Pb)
* Punjabi University, Patiala (PB)
* Ravi Shankar Shukla University, CG
* Jamia Hamdard University, New Delhi
* Integral University , Lucknow

Vice President : **Uttaranchal Association of Physiotherapy,
Dehradun (2002-2006)**

SPEAKER/RESOURCE PERSON/EXPERT MEMBER

Resource Person : Two Day Hands on workshop "Osteopathic Management of Peripheral joints (8- 9 November 2014). Organised by IAMR college Gaziabad.

Resource Person : Two Day Hands on workshop "Osteopathic Management of LumboSacral Dysfunction (18- 19 October 2014). Organised by Brain,Spine &Joint Clinic ,Mohali.

**Resource Person : Advance Manipulation in Physiotherapy- Osteopathic Concept
Sir Ganga Ram Hospital, New-Delhi
(8th Oct 2014)**

**Invited Speaker : Neural Plasticity
Synergy 2014, Chennai (27th Sept, 2014)**

**Resource Person : Lumbosacral Dysfunction- Advanced Issues
Adhunik Institute, Ghaziabad
(8th, 9th Sept 2014)**

**Resource Person : Osteopathic Techniques in Spine
Organised by- Dr. Lovita, New-Delhi and
Cortex
(26, 27th July 2014)**

**Faculty : Dilemma between Motor Approaches
(Traditional) Vs Neural Plasticity(Learning Approaches) in Neuro rehabilitation - Indian Clinical Scenario
-1st Annual Meeting of Neurorehab & 4th Conference,Indian Head Injury foundation & Apollo Hospital and AIIMS,New delhi
(22-23 March 2014)**

- Resource Person** : **Four Days Hands on workshop(Spine) & Lecture for Certificate course in Manipulation Jindal Steel Power limited (JSPL), Raigarh (CG) (15th to 18th March 2014)**
- Invited Speaker** : **ORIENTATION PROGRAMME
UGC academic Staff College, Punjabi University Patiala (25/2/2014)**
- Resource Person** : **Seven Days Hands on workshop "Certificate of Manual Therapy" organized by Pain Free Zone, New Delhi (25th Jan 2014 to 9th Feb 2014)**
- Resource Person & Invited Speaker** : **Hands on workshop in Osteopath & Chiropractic manipulation of Spine -International conference in Physical Therapy AIIMS, New Delhi (14-17 Dec 2013)**
- Invited Speaker** : **Neural Plascity Vs Motor Control NEUROAXIS 2013(28th & 29th SEP 2013) AIIMS and IAMR,Ghaziabad(UP)**
- Resource Person** : **National workshop in SCI (11-12Nov 2013) Guru Jameswar University, Hisar**
- Invited Speaker** : **Neural Plascity Vs Motor Control NEUROAXIS 2013(28th & 29th SEP 2013) AIIMS and IAMR,Ghaziabad(UP)**
- Resource Person** : **Four Days Hands on workshop(Spine) & Lecture for Certificate course in Manipulation Jindal Steel Power limited (JSPL), Raigarh (CG) (26th to 30th May 2013)**
- Resource Person** : **Two Days Hands on workshop "Osteopath manipulation Techniques in Spine" organized by M.M. University,Mullana(Har) (20th & 12st Feb 2012)**
- Resource Person** : **Two Days Hands on workshop "Osteopath manipulation Techniques in Spine" organized by Manav rachna International University,Faridabad (17th & 18th Feb 2012)**

- Resource Person** : **Two Days Hands on workshop "Osteopath manipulation Techniques in Spine" organized by Pain Free Zone, New Delhi (26th & 27th Jan 2013)**
- Resource Person** : **One Day Hands on workshop "NEURAL DYNAMICS" organized by SPIS HOSPITAL, Lucknow (UP) (16th DEC 2012)**
- Resource Person** : **One Day Hands on workshop "Osteopath manipulation of cervical spine" organized by IAP Chandigarh Branch, Chandigarh (7th DEC 2012)**
- Resource Person** : **Five Days Hands on workshop (Spine) & Lecture for Certificate course in Manipulation Jindal Steel hospital, Hisar Delhi (26th to 30th NOV 2012)**
- Resource Person** : **Three Day Hands on workshop "spinal correction" organized by Cortex and Stem Rehab, at Bhardawaj hospital, Rishikesh (26th-28th OCT 2012)**
- Speaker** : **Topic: Role of surface spinal stimulation in SCI Rehabilitation- ISICON 2012, Le Meridien, New Delhi (13th OCT 2012)**
- Panelist** : **Topic: Consumer Perspectives in SCI Rehabilitation- ISICON 2012, Le Meridien, New Delhi (13th OCT 2012)**
- Judge** : **Topic: Best Poster Award, ISICON 2012, Le Meridien, New Delhi(14th OCT 2012)**
- Speaker & Chairperson** : **Topic: Evidence Based Practice in Treating SCI Rehabilitation-One Day Workshop "Recent Advancement of Physiotherapy in SCI" in Indian Spinal Cord Injuries Centre, New Delhi(12th OCT 2012)**
- Resource Person** : **One Day Hands on workshop "Recent Advancement of Physiotherapy in Oncology" in All Saints Institute of Medical Sciences, Ludhiana (PB)(5th OCT 2012)**

- Resource Person** : **One Day Hands on workshop "Complete Solution of Cervical Spinal Disorders and Neurodynamics" in Pain Free Zone, Delhi (30th Sep 2012)**
- Resource Person** : **One Day Hands on workshop Basic Handling Of Lumbosacral Spine Through Osteopath And Chiropractic Method In Indian Clinical Scenario Fortis Hospital, Mohali(PB) (9th Sep 2012)**
- Resource Person** : **Five Days Hands on workshop (Spine) & Lecture for Certificate course in Manipulation Jindal Steel hospital, Hisar Delhi (23rd to 27th July 2012)**
- Resource Person** : **Two Days Hands on workshop "Complete Solution of Lumbar Spinal Disorders and Neurodynamics" in Pain Free Zone, Delhi (14th & 15th July 2012)**
- Resource Person** : **Two Days Hands on workshop "Complete Solution of Spinal Disorders by Neuro-Musculoskeletal Manual Approach" DMC & H,Ludhiana(PB)(5th & 6th MAY 2012)**
- Resource Person** : **Two Days Hands on workshop "Manual Handling of Adult Neurological Disorders-An Integrated Approach" ITS College of Physiotherapy, Murad Nagar (UP)(18th & 19th April 2012)**
- Resource Person** : **Two Days Hands on workshop "Complete Solution of Spinal Disorders by Neuro-Musculoskeletal Manual Approach" MAX fitness, Indore (MP)(13th & 14th April 2012)**
- Resource Person** : **Two Days Hands on workshop "Complete Solution of Spinal Disorders by Neuro-Musculoskeletal Manual Approach" Bhardwaj Hospital Rishikesh (UK) (31st March & 1st April 2012)**
- Invited Speaker** : **Two Days National Symposium on Recent Advances in Physiotherapy and Biomedical sciences, Centre of Physiotherapy & Rehabilitation, Jamia Millia University, New Delhi (MARCH 21-22,2012)**
- Resource Person** : **Two Days Hands on workshop "Spinal Manipulation & Neuro Dynamics" in Sports**

**Injury Centre, Safdarjung Hospital, New Delhi
(3rd & 4th MARCH 2012)**

- Resource Person** : **Two Days Hands on workshop "Complete Solution of Lumbar Spinal Disorders and Neuro dynamics" in Sir Ganga Ram Hospital, Delhi (17th & 18th FEB 2012)**
- Organized** : **One day seminar in Training cum Awareness Programme on Indexing Journals in IndMED/MedIND in patiala on 11/02/2012
Organized by EFHA & NIC, New Delhi**
- Resource Person** : **Five Days Hands on workshop "Complete Solution of Spinal Disorders and Spinal manipulation" in Jindal Steel hospital, Hisar Delhi (3rd & 7th JAN 2012)**
- Guest Speaker** : **PHYSIOCON 2012 conference in Punjab University, Chandigarh. Organized by IAP(Chandigarh Chapter) (3rd &4th Dec 2011)**
- Chair Person** : **PHYSIOCON 2012 conference in Punjab University, Chandigarh.Organized br IAP(Chandigarh Chapter) (3rd &4th Dec 2011)**
- Resource Person** : **Two Days Hands on workshop "Complete Solution of Spinal Disorders by Neuro-Musculoskeletal Manual Approach" in Sir Ganga Ram Hospital, Delhi (28th & 29th NOV 2011)**
- Resource person** : **Two Days Hands on workshop in Department of Physiotherapy,Manav Rachna International University,Faridabad (11 & 12 NOV 2011)**
- Resource Person** : **One day workshop on NEURODYNAMICS & It's Application in Physical Rehabilitation(21st AUG 2011)
-Organized The Indian Society of Physiotherapy Education & Research in Punjab University,Chd**
- Resource Person
Judge
Chair Person** : **National physiotherapy Conference 2011 on Recent trends in Physiotherapy
-Organized by Deptt-Physiotherapy Janardan Rai Nagar Rajasthan Vidyapeeth (Deemed) University,Udaipur(4-6th AUG 2011)**
- Speaker** : **Therapeutic Intervention in Disc Herniation Need & Reality –ROSA CON-2011 (12-13 Feb2011)**

- Resource Person** : **Hands on Work Shop-Complete Solution of Spine & Spinal disorders**
-10&11 Sep 2010-Max Fitness and Cortex ,
Indore (MP)
- Speaker** : **Physiocon 2010(Gyan Sagar,Banur,PB)**
- 8 & 9 Sep 2010 Gyan Sagar Medical
college, Banur (PB)
- Resource Person** : **Hands on Work Shop-Basic Fundamental Techniques & Application-in Neuro Musculoskeletal Disorders**
-17 Jan 2009-Guru Jameshwar University,Hisar(Har)
- Resource Person** : **INTEGRATED THERAPEUTIC APPROACHES IN ADULT NEUROLOGICAL DISORDERS**
Organized by Ivy Hospital & Cortex
Sep 12 & 13, 2009
- Resource Person** : **XIXth Annual Conference on Physiology**
Title:-MRP-Stroke Clinical Application
Organized by Physiological society of India & FIT Dec 2007
- Resource Person** : **1st Chatishgarh State Physiotherapy Conference**
(23-26 June 2007)PHYSICON2007
- Resource Person, &Speaker:** **Post Conference Course in Spinal Cord Injuries&MRP(25-26 June 2007)**
- Resource Person** : **AURIFEROUS-2006**
Title- Manipulation and Vestibular Rehab
MM-Institute of Physiotherapy,Mullana(Har)

SUBJECT EXPERT

- Expert in Research Committee:** **Trioflamm DRR -Phonoporesis**
(27 Feb- 1 March 2014)
Cadila Pharmaceuticals Pvt Limited, Dholka,
- Expert selection Committee:** **Selection Committee, Gurujameshwar University,Hisar(2012-2013)**
- Board of Studies Member & Research** : **Guru Jameshwar Science & Technology University,Hisar (Haryana)(2012 to 2014)**

- Board of Studies Member** : **Institute of Physiotherapy,
MM University,Mullana(2012-14)**
- Selection Committee
Member** : **Guru Jameswar Science & Technology
University,Hisar (Haryana)(2012)**
- Member** : **Quality Advisory Committee
Govt.(State) College of Education,Patiala(PB)**
- Member** : **Departmental Research Board (DRB) &
Faculty(Medicine)
Board of Studies (BPT ,MPT & PhD)
Punjabi University(2007-2012)**
- Inspection- Expert Member
(Physiotherapy)** : **Uttrancal Technical University,
Dehradun(2011)**
- Member of Expert Committee:** **Kurukshetra University, Haryana
Staff selection Committee (M.M College of
physiotherapy-Mullana)**
- Member** : **Board of Studies (Curriculum Committee)**
Under Graduate : Bachelor of Physiotherapy (BPT-4 ½ years)
Post Graduate : Master of Physiotherapy (MPT-2 years)
(Specialization in Sports, Ortho and Neuro)
- University** : **H.N.B. Garhwal, University Srinagar (UA)
GGS Inderpresth University,New delhi
Punjabi University,Patiala(2007-2012)**
- Member of Export Committee :** **Indian spinal cord injuries centre
Vasant Kunj, New Delhi**
- Sub Committee Member** : **Curriculum-Master of Physiotherapy
Specialization (Ortho. and Neuro.)**
- University** : **GGS Indra Prasth University, New Delhi**
- Convener, Syllabus-MPT** : **Punjabi University (MPT Course Project)**
- Co-Coordinator** : **MPT Entrance, Punjabi University**
- Member of Editorial board** : **Journal of Exercise Science and Physiotherapy**
- Member of Editorial board** : **International Journal of Physiotherapy**
- Member of Editorial board** : **International Journal of Spine(Spine Universe)**

Online

- Member of Editorial board :** **International Journal of Physiotherapy & Research**
- Member of Editorial board :** **International Journal of Physiotherapy (IJPHY)**
- Member of Editorial board :** **Research & Reviews: Journal of Neuroscience (RRJoNS)**
- Member of Editorial board :** **Review of Progress Medical Journal**
- Member of Editorial board :** **Science Journal of Medicine & Clinical Trials Editorial Board**
- Member of Adversary board :** **Physiotherapy Post Journal**
- Member of Reviewer :** **Indian Streams Research Journal**
- Member :** **International Society of Physiotherapy Journal Editors (ISPJE)**
- Life member :** **Spinal Cord Injury Society (Indian Chapter)**
- Participated in :** All India Cross Disability Convention
“ Summit of the mind”
(Rehabilitation Council of India)
- Participated in :** Medical and Physiotherapy Camps (CBR) in
Various places in state of Uttaranchal organized by
“Gokul Society of Handicapped, Dehradun
(1999-2006) and SBSPGI (2006)
- Sports :** State level basket Ball player
District level Badminton
- Science :** Participation in the 19th Jawaharlal Nehru State
Level Science exhibition.
I have attended various seminars and continuous
Medical education programmes (CME)
- Leadership :** General Secretary-College student council
Commodo level-NSS (National Service Scheme)
Co-ordinator-Genesis, India’s first Physiotherapy
Journal, S.B.S.P.G.I. Balawala, Dehradun-248161
House Incharge
(Green)Sports,SBSPGI,D.DUN, Lot of Camps,
Workshops,CME Programme –Organised
- Participated and Award :** **International Conference on Spine & Spinal
Disorder-2006, New Delhi**
**Award: Gold Medal Award in Paper
Presentation in Rehabilitation Division**

Electrical stimulation(TENS) in spinal level to control Spasticity in Spinal cord injury

- Ist prize in poster presentation** : **Clinical Significance of Electrodiagnosis in L5-S1 Disc Herniation
WCPT-AWP.IAP Congress 2009,MUMBAI.**
- Faculty Development Programme** : **Entrepneuraship March(13-24)06 Organised By IIE and Ministry of Human Resourse,Govt of INDIA**

ORGANING CONFERENCE/SEMINAR/CME

- Organizing Secretary** : **“Physioday”Intercollege Celebration (2001-2003)**
- Co-convenor** : **1stNorth India Physiotherapist Conference SYNERGY2004,S.B.S PGI,D.DUN (NOV 2004)**
- Organizing Committee** : **Physiotherapy day(2001-2003)SBSPGI,D.DUN**
- Organizing secretary** : **INTERCOMAT 2005 ,(International conference On Manual therapy)**
- Joint secretary** : **INTERCOMAT 2006 ,(International conference On Manual therapy),New Delhi.**
- Joint secretary** : **INTERCOPS 2007 ,(International conference On Physiotheray & Sports Science),Patiala.**
- Member Technical Advisory committee** : **46thAnnualConferenceofIAP,Dehradun, Uttrakhand Jan 2008**

RESEARCH WORKS

Ph.D Thesis:-

“Clinical Significance of Electro diagnosis in PIVD as compared with Radio diagnosis.”

MPT-Post Graduate Research Dissertation

“Changes of MNCV by proximal different mechanical compressive forces in normal human subjects.”

PAPER PRESENTATIONS

NATIONAL CONFERENCE PAPER PRESENTATION:

SYNERGY 2004:

1. Changes in MNCV due to different mechanical compressive forces to the proximal region of upper limb in normal human subjects.
2. Effect of neural mobilization as compared with traditional treatment in lumbar radiculopathy.
3. Effect of PNF versus static stretch on knee extension ROM.

INDIAN ASSOCIATION OF PHYSIOTHERAPIST CONFERENCE(IAP)2005 HYD

1. "Changes of MNCV by proximal different mechanical compressive forces in normal human subjects."
2. Rotatory cuff injuries in bench press activity

INDIAN ASSOCIATION OF PHYSIOTHERAPIST CONFERENCE(IAP)2006 AHMD(GUJ)

1. Changes in motor nerve conduction velocity in Dominant & non-dominant limbs in right & left handed individuals.
2. Role of music on muscle Recruitment.
3. Study on Gait pattern in post stroke patients, during recovery phase using WGS
4. Effect on radial nerve conduction velocity in different elbow positions
5. Effect of limb length discrepancy on H-Reflex
6. Reflex action of facial muscle to different colours of light and to see changes by EMG

XIXth ANNUAL CONFERENCE OF PHYSIOLOGICAL SOCIETY OF INDIA(6-8 DEC 2007)

1. Motor Relearning concept-Training of Upper Limb Dysfunction

INDIAN ASSOCIATION OF PHYSIOTHERAPIST CONFERENCE(IAP)2007 CULCUTTA(WB)

1. Clinical significance of soleus h-reflex in lumbar radiculopathy in Indian adults
2. Effect of Crossed Leg Neural Mobilisation as a treatment method in case of Lumbar Radiculopathy.

INDIAN ASSOCIATION OF PHYSIOTHERAPIST CONFERENCE (IAP)2008 DEHRADUN(UK)

1. Effect of IFT and TENS on induced ischemic pain in normal subject
2. Effects of unilateral and bilateral Auricular Accupuncture TENS on pain threshold
3. Effects of live demonstration versus written handouts on learning-A Comparative study on young adults
4. Correlation study between VAK self assessment Questionnaire and VARK learning style Questionnaire in Right and Left Brain Dominant individuals

48th ANNUAL CONFERENCE OF INDIAN ASSOCIATION OF PHYSIOTHERAPIST (22,23,24TH JAN 2010)

1. Comparative study on different types of Indian wheel chairs activity and its effect on various parameters in normal subjects.

2. Effect of Age on the Nerve conduction velocity and H-Reflex in normal subjects and formulating age correction formula and testing its reliability of existing formula
3. Effect of Exteroceptive and Proprioceptive sensory stimuli on H-reflex and on Excitability of nerve.

PHYSIOCON CHANDIGARH 2010(IAP Chandigarh Branch)

- 1.Effect of Exteroceptive and Proprioceptive sensory stimuli on H-reflex and on Excitability of nerve.
- 2.Effect of Footwear alteration in Osteoarthritis Knee
- 3.Effect of Contralateral knee and Ankle positions on Slump test sensitivity.
- 4.Effect of Navicular Drop on Weight Bearing and Gait-Review Study

GIAN SAGAR PHYSIOCON 2010

1. Therapeutic Interventions in Autonomic Dysreflexia in Spinal Cord Injury Patients-A Literature Review
2. PNF for Gait Training in Hemiplegia-Single Case Study
3. Effectiveness of surface spinal cord stimulation in combination with faradic stimulation(agonist antagonist) in reduction of tone in plantar flexors in Hemiplegics.
4. Efficacy of Visual and Auditory Biofeedback in Gait Training
5. Endurance testing of spinal extensor muscles in young adults with or without back pain using Sorensen Test.
6. A Systematic Review- Effect of Physiotherapy interventions in Learning Disability
7. Changes in the MNCV in Dominants.
8. Sensitivity of Electro diagnosis in Disc Herniation as compared with Radio diagnosis.

49th ANNUAL CONFERENCE OF INDIAN ASSOCIATION OF PHYSIOTHERAPIST (7,8 & 9TH JAN 2011)PUNE

Tester-Retester Reliability and Validity of the Modified Vernier Caliper as Aesthesiometer for testing Two Point Discrimination

14TH PUNJAB SCIENCE CONGRESS, PUNJAB ACADEMY OF SCIENCE & SLET, LONGUWALA(PB) (7,8 & 9TH FEB 2011)

Sensitivity of Electrodiagnosis in Disc Herniation as Compared with Radio Diagnosis – For Young Scientist Award.

ROSA CON -2011 ORGANIZED RAJASTHAN ORTHOPEDIC ASSOCIATION,SRI GANGANAGAR,RAJ (12-13TH FEB2011)

Therapeutic Intervention in Disc Herniation Need & Reality

NATIONAL PHYSIOTHERAPY CONFERENCE 2011 ON RECENT TRENDS IN PHYSIOTHERAPY (4TH -6TH AUG 2011) ORGANIZED BY DEPARTMENT OF PHYSIOTHERAPY,JANARDAN RAI NAGAR RAJASTHAN VIDYAPEETH (DEEMED) UNIVERSITY,UDAIPUR(RAJ)

Effect of Surface Spinal Stimulation in H-Reflex on Normal Individuals

PHYSIOCON 2011, 2ND ANNUAL CONFERENCE AND SCIENTIFIC MEET

3RD-4TH DECEMBER, 2011 VENUE: PANJAB UNIVERSITY, CHANDIGARH

1. Shruti Sharma, Narkeesh A., Mohit Arora, "Case study of a male with spasticity due to SCI, and the effect of surface spinal stimulation for the reduction of spasticity." Pg no. 17
2. Nidhi , Narkeesh A, Lekhni Priya , "Effect of inverted body positions at different angles on autonomic nervous system and muscle excitation in normal adolescents." Pg no. 17
3. Narkeesh A and Kaur Navneet , "Effect of Combined Integrated Learning Programme (CILP) in children with Learning Disabilities." Pg no. 19
4. Reecha Mittal, Narkeesh A, "Review study on effect of induced vestibular stimulation on postural." Pg no. 20
5. Narkeesh A, Saumendra Narayan Kar, Amandeep Kaur, "Efficacy of sensorimotor Approach for balance training in stroke patients." Pg no. 23
6. Sidana Ruchi, Narkeesh A , Jagriti Sharma, "Effect of Spinal Manipulation in Primary Dysmenorrhoea." Pg no. 24-25
7. Harman Deep Kaur, Narkeesh A, "Tester retester reliability of Integrated Proprioception Screening Scale(IPSS)." Pg no. 25
8. Shikha Gour, Narkeesh, Raghuveer Jagriti sharma, Manijot kaur, "Effects of transdermal application of steroids in radiculitis." Pg no. 26
9. Manisha Thakur, ,Narkeesh.A, "Review study of therapeutic intervention in fibromyalgia." Pg no.28
10. Bhavkiran Kaur, Narkeesh, Gurpreet Kaur, "Effect of proprioception on h- reflex in normal subjects." Pg no. 30

PHYSIOCON CHANDIGARH 2012

1. Amandeep kaur,Narkeesh ,"Effect of Laser and Ultrasound Therapy in Nerve regeneration-A Systemic Review" Pg No:1
2. Lekni Priya,Narkeesh," Effect of tDC(Transcranial Direct Current) Stimulation in Neurological Conditions-A Systematic Review" Pg .No: 7
3. Reecah Mittakl, Narkeesh,"Effect of Vestibular Stimulation on Monosynaptic Reflex in Normal Individuals" Pg.No:13

1ST ANNUAL MEETING OF NEUROREHAB & 4TH CONFERENCE,INDIAN HEAD INJURY FOUNDATION & APOLLO HOSPITAL AND AIIMS,NEW DELHI (22-23 MARCH 2014)

1. Narkeesh." Dilemma between Motor Approaches (Traditional) Vs Neural Plasticity(Learning Approaches) in Neuro rehabilitation - Indian Clinical Scenario
2. Ashmpreet Kaur, Narkeesh." Effect of Multimodal Approach on Hand Function in Stroke- A review
3. Electrophysiological Quantification of Spasticity in Traumatic and Non traumatic Myelopathy-A review
4. Physiotherapeutic Challenges in Treatment of Lumbar Spinal Stenosis- A review

INTERNATIONAL CONFERENCES

INTERCOMAT(International Conference of Manual Therapy) -2005, Dehradun:

1. Effect of neural mobilization compared to traditional treatment in lumbar radiculopathy.
2. Role of SMWAMs in ULTT.
3. Effect of stretching and SI joint mobilization versus MET and SI joint mobilization in cross leg sitting.
4. Effectiveness of Cervical mobilization over right and left leg mobilization in increasing Lumbar flexion mobility.
5. Effect of shoe heels on calcaneum Inversion & Eversion.
6. Effect of weight on Passive Intervertebral Motion Grading at Different Vertebral Levels in Young Girls.
7. Effect of high Velocity Thrust on Lumbar Rotation.
8. Effect Of Music On Muscle Recruitment.
9. Inclination of Spine in normal subjects in relation to different heights.
10. Improvement in Hemiplegic Gait following Motor training program using WGS.

ISSICON-2006 International Conference on Spine & Spinal Disorder-2006, New Delhi

1. Electrical stimulation (TENS) in spinal level to control Spasticity in Spinal cord injury
2. Efficacy of Neural Mobilization in Lumbar Radiculopathy as Compared to Conventional Therapy.

INTERCOMAT (International Conference of Manual Therapy)-2006 ,New Delhi:

1. Effect of HVT and HVT & MET in Lumbar range of motion in different Durational effect in normal adolescent.
2. Different postional effect on Respiratory parameters.
3. Efficacy of MET techniques in Chronic LBA and its influence in functional disability.

INTERCOPS-2007(International Conference on Physiotherapy & Sports Sciences) Patiala (PB)

1. Specificity and sensitivity of MRI in disc pathology- A literature review
2. Correlation study on Photographic measurement of Cervical Flexion, Extension and Lateral flexion as compared to Goniometry.
3. Survey Study on - VAK style of learning in school going children in Patiala
4. Lumbar muscle stabilization versus conservative management in LBA and their secondary effects on lumbar inclination in adolescent girls.
5. Compare the effect of Myofacial release with sustained stretching on Levator scapulae muscle.
6. Clinical significance of electrodiagnosis in Lumbar disc herniation.
7. Effect of Limb Length on H-Reflex(Poster)

8. Motor and Cognitive rehabilitation in Stroke and its influence on triple task performance.
9. Survey to find the prevalence of LBA in Physiotherapists in North India.
10. Efficacy of Error correcting teaching methodology among Under Graduate Physiotherapy Student.

ISSICON-2008 International Conference on Spine & Spinal Disorder-2008, New Delhi

1. Clinical significance of electrodiagnosis in Lumbar disc herniation
2. Barrier free creating environment in Educational institutes in India.

WCPT-AWP INDIAN ASSOCIATION OF PHYSIOTHERAPIST CONFERENCE(IAP)2009 MUMBAI

1. Effect of Skin Temperature on Nerve Conduction Velocity & Reliability of temperature Correction Formula in Indian Population
2. Clinical Significance of Electrodiagnosis in L5-S1 Disc Herniation
3. Effect of Backpack on Cervical posture in school Children
4. Effect of Prior Bout of Concentric and Eccentric Exercises on DOMS in Biceps Brachii Muscle.

49TH ISCOS, 10TH SCS & 9TH ASCON ANNUAL MEETING OCT 29-31 29-31, 2010, NEW DELHI

1. Comparative study on different type of Indian wheelchairs activity and its effect on various parameters in normal subjects.(oral)
2. Clinical Significance of Electrodiagnosis in PIVD as compared with Radio diagnosis
3. Role of spinal electrical stimulation in reduction of spasticity in SCI patients – A Literature review.

10th ASCON ANNUAL MEETING OCT 21-23, 2011, COLOMBU, SRILANKA

1. Effect of Spinal Stimulation on monosynaptic reflex by medium frequency currents
2. Effect of Surface Spinal Electrical Stimulation on Spasticity in Patients with Spinal Cord Injury.

**WORKSHOP ON COMPREHENSIVE MANAGEMENT OF SPINAL CORD INJURIES (APRIL 27-29, 2012), ISIC, NEW DELHI
ISICON 2012, LE MERIDIEN, NEW DELHI (14TH & 15TH OCT 2012)**

Invited Speaker at AIIMS PHYSIOTHERAPY CONFERENCE 2012-2013:
Scientific Talk on Principles of osteopathy for Indian Physiotherapists.

RESEARCH PRESENTED AND ABSTRACT PUBLISHED

ABSTRACT PUBLISHED IN Physiotherapy-The Journal of the IAP, 2005;Vol-1;Issue 1; Page-33

1. "Changes of MNCV by proximal different mechanical compressive forces in normal human subjects."
2. Rotatory cuff injuries in bench press activity

ABSTRACT PUBLISHED IN Physiotherapy-The Journal of the IAP, 2006;Vol-2;Issue 1; Pages-27,38,39&40

1. Changes in motor nerve conduction velocity in Dominant & non-dominant limbs in right & left handed individuals.
2. Role of music on muscle Recruitment.
3. Study on Gait pattern in post stroke patients, during recovery phase using WGS
4. Effect on radial nerve conduction velocity in different elbow positions
5. Effect of limb length discrepancy on H-Reflex
6. Reflex action of facial muscle to different colours of light and to see changes by EMG

ABSTRACT PUBLISHED - INTERNATIONAL JOURNAL OF PHYSIOTHERAPY (May 2007) Vol-I;Issue; Pages:43,44,53(IJOPT)

- 1 Efficacy of MET techniques in Chronic LBA and its influence in functional disability.
2. Effect of HVT and HVT &MET in Lumar range of motion in different Durational effect in normal adolescent
- 3 Different postional effect on Respiratory parameters.

ABSTRACT PUBLISHED IN Physiotherapy-The Journal of the IAP, 2007;Vol-3;Issue 1

1. Clinical significance of soleus H-reflex in lumbar rediculopathy in Indian adults
2. Effect of Crossed Leg Neural Mobilisation as a treatment method in case of Lumbar Rediculopathy

RESEARCH ARTICLE PUBLISHED IN JOURNALS

PUBLICATION (2006)

- 1 Ramasubramania Raja,N.A and **Arumugam,N.**; Role of music ion muscle recruitment.
Published Journal of Exercise Science and Physiotherapy(JESP),VOL 2,2006 pp 84-86

PUBLICATION (2007)

1. **A Narkeesh Arumugam,N.K.Multani,S.K.Verma**,Clinical Significance of Soleus H-Reflex in Lumar Rediculopathy in Indian Adults-Issue -1,VOL-1(30-35)
Published International Journal of Physical Therapy (IJOPT) ,VOL - I,Issue - I, May 2007 pp 31-35

2. **Narkeesh Arumugam**, and Kaur,J. & Multani, N.K.Changes in MNCV due to different mechanical compressive forces to the proximal region of limb in normal human subjects.

Published Journal of Exercise Science and Physiotherapy(JESP),VOL 3,No 2,2007 pp 165-167

PUBLICATION (2008)

- 1 **Narkeesh**, N.K. Multani,S.K.Verma; Clinical Significance of Electrodiagnosis in L5 - S1 Disc Herniation .

Published in Physiotherapy and Occupational Therapy Journal October - December 2008; Volume 1, Number 2, pp99-106.

PUBLICATION (2009)

1. Maitreyi D, **Narkeesh Arumugam**, Nalina Gupta; Effect of Skin Temperature on Nerve Conduction Velocity & Reliability of Temperature Correction Formula in Indian Population

Published International Journal of Physical Therapy (IJOPT) ,VOL - I,Issue - II,Sep 2009 pp 24-31

2. Chaudhary, S., **Narkeesh A**, and Gupta N; A Study of Cognition in relation with Hand Dominance.

Published Journal of Exercise Science and Physiotherapy(JESP),VOL 5,No 1,2009 pp 20-23

3. Dhavalikar,M. and **Narkeesh,A.**; Effect of Skin Temperature on Nerve Conduction Velocity

Published JESP,VOL 5,No 1,2009 pp 24-29

4. Poonam, **Narkeesh A**, Kaur J; Correlation study on H-Reflex with leg length in Indian Population

Published JESP,VOL 5,No 2,2009 pp 76 -79

5. Arora,manisha. and **Narkeesh** ; Comparative study on different types of Indian wheel chairs activity and its effect on various parameters in normal subjects

Published in Physiotherapy and Occupational Therapy Journal (2009),Volume 2,Number 2, pp 55-64

6. Savita,C. and **Arumugam,N.** ; Cognition in Relation with Dominance.

Published in Physiotherapy and Occupational Therapy Journal, July - September 2009; Volume 2, Number 3, pp111-118.

PUBLICATION (2010)

- 1 **Narkeesh**,Jaspreet,Bhalla Nainky; Cognitive Rehabilitation in Left Hemiplegics.

Published The Physiotherapy Post ,VOL 2,No 2,April-june 2010 pp 33 -37.

2. Smriti Singh, Kanimozhi, **Narkeesh Arumugam**; Intermanual Skill Transfer in Right Hand Dominant Subjects.
Published The Physiotherapy Post ,VOL 2,No 2, April-june 2010 pp 38 -42
3. Kaur R & **Narkeesh A** ; Clinical significance of Electrodiagnosis In lumbar disc herniation.
Published in Indian Journal of Physiotherapy and Occupational Therapy(IJPOT) Volume : 4, Issue 3, July to Sep-2010, pp57-59(An International Journal)
4. Nainky Bhalla, **Narkeesh Arumugam**; Motor and cognitive rehabilitation in stroke and its influence on triple task performance.
Published in Published in IJPOT Volume : 4, Issue 4, Oct to Dec-2010, pp67-69(An International Journal)
5. Goel Aarzoo, **Narkeesh**; Effect of dominancy on H-reflex and F-wave and formulating dominancy corrective formula.
Published in Published in IJPOT Volume : 4, Issue 4, Oct to Dec-2010, pp72-75(An International Journal)
6. P Nidhi, **Narkeesh A**; Effect of inverted body positions at different angles on autonomic nervous system and muscle excitaion in normal adolescents.
Published in Published in IJPOT Volume : 4, Issue 4, Oct to Dec-2010, pp76-80(An International Journal)
7. Mittal Neha, **Narkeesh A**, Kanimozhi D; Tester-Retest Reliability and Validity of the Modified Vernier Caliper as Aesthesiometer for testing Two Point Discrimination.
Published The Physiotherapy Post ,VOL 2,No 3, Oct-Dec 2010, pp70-74
8. Sonika D, **Narkeesh**; A Effect Of Visual And Olfactory Stimulation On Autonomic Nervous System In Normal Adolescents
Published The Physiotherapy Post ,VOL 2,No 3, Oct-Dec 2010, pp 77-81
9. Gill K.Ganganpreet, **Narkeesh**; Effect of Age on the Nerve Conduction velocity and H-Reflex in normal subjects and formulating age correction formula and testing the reliability of existing formula
Published The Physiotherapy Post ,VOL 2,No 3, Oct-Dec 2010, pp82-92
10. Debnath, U., **Narkeesh, A** & Raghumahanti, R; Formulation of Integrated Proprioceptive Screening Scale and Testing of its Sensitivity, Reliability and Validity
Published Journal of Exercise Science and Physiotherapy, VOL 6, No 2, 2010, pp 78-87
11. **Narkeesh A** and Nidhi A ; Effect of Exteroceptive and Proprioceptive Sensory Stimuli on H Reflex and on Excitability of Nerve
Published Physiotherapy and Occupational Therapy Journal, VOL 3, No 4, Oct-Dec 2010, pp 191-196

PUBLICATION 2011

1. **Narkeesh** and Kaur Gurpreet; Effect of Proprioception on H-reflex in normal subjects

- Published Indian Streams Research Journal,,VOL I,No 5,June 2011,pp207-210*
Link:-
http://www.isrj.net/June/2011/Research_Paper_Effect_of_proprioception.html
2. **Narkeesh**, Priya Shiv, Raghuvree;"Development of Pain Assessment Software and Testing of Its Reliability and Validity "*Research & Reviews: A Journal of Neuroscience Volume 1 Issue 1, November 2011, Pages 1–12.*
 3. **Narkeesh Arumugam** and Roomina Tandon Effect of Vestibular Stimulation on Recruitment of Lower Leg Muscles *Research & Reviews: A Journal of Neuroscience Volume 1, Issue 1, November 2011, Pages 13–19.*
 4. **Narkeesh** and Raghuvree; Effect of Jacobson’s Progressive Relaxation on Autonomic Variables In Normal Adolescents
Published Indian Streams Research Journal,,VOL I,No 12,Dec 2011,pp207-210
Link:- <http://www.isrj.net/PublishArticles/337.aspx>
 5. Gour,S.,**Narkeesh,A.**&Raghuvree; Effect of Transdermal Application of Steroids in Rediculis.
Published Journal of Exercise Science and Physiotherapy, VOL 7,No 1, 2011,pp 34-41
 6. Kaur,N., & **Narkeesh,A.**; Effect of combined Integrated Learning Programme(CILP) in Children with Learning Disabilities.
Published Journal of Exercise Science and Physiotherapy, VOL 7,No 1, 2011,pp 50-55
 7. Nidhi,B.,**Narkeesh,A.** & Khurana,S.; Effect of Spinal Stimulation on Monosynaptic Reflex by Medium Frequency Currents.
Published Journal of Exercise Science and Physiotherapy, VOL 7,No 2, 2011,pp 89-94
 8. **Narkeesh Arumugam** and Saumendra Narayan Kar; Efficacy of Sensorimotor Approach for Balance Training in Stroke Patients.
Published The Physiotherapy Post ,VOL 3,No 3,July-Sep 2010,pp47-54
 9. Parneet Kaur Bedi and **Narkeesh Arumugam** The Effect of the “Context and Task Related Approach” In Management of Post Traumatic Hemiparesis.
Research & Reviews: A Journal of Neuroscience, Volume 1, Issue 2, December 2011, Pages 1-11

PUBLICATION 2012

1. Lekhni Priya and **Narkeesh** ; Therapeutic Intervention of Post Surgical Removal of Oligodendroglioma- Case Report.
Published Indian Streams Research Journal,,VOL 2,No 1,Feb 2012,pp 1-4
2. Rashi Chandan, Raghuvree and **Narkeesh** "Effect of Meditation and Autogenic Training on Autonomic Nervous System in Normal Adolescent Females"*Indian Journal of Physiotherapy and Occupational Therapy - An International Journal*Year : 2012, VOL : 6, No : 1; pp 83 - 87

3. Milky and **Narkeesh** ; The Effect of Progressive Movement Pattern in Rehabilitation of Cerebral Palsy.
Published Indian Streams Research Journal,,VOL 2,No 2,March 2012,pp 37-40
4. Manisha Thakur and **Narkeesh A** ; Therapeutic Interventions and its outcomes in Fibromyalgia.
Published Indian Streams Research Journal,,VOL 2,No 3,April 2012,pp 76-79
5. Sidana Ruchi and **Narkeesh**; Effect of Spinal Manipulation in Primary Dysmenorrhoea
Published Indian Journal of Physiotherapy & Occupational Therapy. April-June 2012, Vol. 6, No. 2,pp101-105
6. Ruchi Sidana and **Narkeesh A**; Role of Physiotherapy in Painless Delivery
Published in proceeding of National Seminar on "Role of Physiotherapy in Health care Delivery: Need and Reality(22- 23 January 2011) Published by Department of Physiotherapy, Punjabi University, Patiala 2012, pp 183-186
7. Harman Deep Kaur and **Narkeesh A**; Comparative Study on Present Status of Physiotherapy Departments in Government and Private Medical Colleges.
Published in proceeding of National Seminar on "Role of Physiotherapy in Health care Delivery: Need and Reality(22- 23 January 2011) Published by Department of Physiotherapy, Punjabi University, Patiala 2012, pp 183-186
8. Debnath Upanita, **Narkeesh**, Raghuvveer Raghumahanti and Harman D Kaur," Integrated Proprioceptive Screening Scale and Testing of Its Reliability and Validity"
Published Research & Reviews: A Journal of Neuroscience Volume 2, Issue 1, April 2012, pp 29-35
9. **Narkeesh,A.**, Kaur, N & Sharma,S.; Effect of Surface Spinal Stimulation(SSS) on H- Reflex in Normal Individuals .
Published Journal of Exercise Science and Physiotherapy, VOL 8,No1, 2012,pp 25-29.
10. Mittal,R.& **Narkeesh,A.**; Review Study on Effect of Stimulation of Vestibular Apparatus on Postural Muscles Tone in Cerebral Palsy.
Published Journal of Exercise Science and Physiotherapy, VOL 8,No1, 2012,pp 11-19.
11. Gupta,R.& **Narkeesh,A.**; Effect of age and gender in vibration perception threshold in normal human subjects.
Published Journal of Advanced Physical Therapy(JAPT), VOL 2,No1, 2012,pp 18-23.
12. Kaur,H & **Narkeesh.A.**: Reliability and validity of Integrated Proprioception Screening Scale& Its sensitivity in Parkinson's Disease.
Published Journal of Exercise Science and Physiotherapy, VOL 8,No 2, 2012,pp 74-81.

13. Shruti Sharma, **A. Narkeesh**, Mohit Arora: Effect of Surface Spinal Stimulation on Spasticity in SCI: A Single Case Study
Published :Research & Reviews: A Journal of Neuroscience Volume 2, Issue 3, December 2012, Pages 1-7
14. Mansukh Chander, **A. Narkeesh**, Reena Kumari: Effect of Gaze Stability exercises in the recovery of third and sixth Cranial Nerve Palsy: A Case Report.
Published: Indian Journal of Physical Therapy and Rehabilitation Volume2,Issue1 December 2012, Pages 1-8.
15. Parneet Kaur Bedi, & **A. Narkeesh**, : Physical Therapy in Spinal Cord Injury: Revival of Paraplegic:A Case Report.
Published: Indian Journal of Physical Therapy and Rehabilitation Volume2,Issue1 December 2012, Pages 49-54.
16. Gupta Nidhi,**Narkeesh**,Divya,:Comparison between the effects of Cervical Therapeutic Exercise Programme and Myofacial Release Techniques on Cervicogenic Headache in a Randomized Controlled trail
Published: Physical Therapy and Occupational Therapy Journal Volume5, Number 4 December 2012, Pages 235-242.

PHYSIOTIMES(Magazine)

- **Narkeesh** & Dhaman Preet Singh: Intensive care Physiotherapy in Traumatic Brain Injury,
Published: Physiotimes ,Vol 4,Issue 3,NOV 2012Pages 06-11

PUBLICATION 2013

1. Manijot Kaur, **Narkeesh Arumugam**, Therapeutic Intervention of Post-traumatic Hemiparesis-A Case Report
Published :Research & Reviews: A Journal of Neuroscience Volume 3, Issue 1, 2013, Pages 1-11
2. Vipin Kumar, Manu Goyal, N. Rajendran, **Narkeesh**. Effect Of Neural Mobilization On Monosynaptic Reflex – A Pre Test Post Test Experimental Design
Publised in: International Journal of Physiotherapy and Research 2013;03:58-62
3. Yogita Verma, Manu Goyal, Dr. **Narkeesh**.Pain, Range of Motion and Back Strength in Chronic Mechanical Low Back Pain before & after Lumbar Mobilisation
Published in: International Journal of Physiotherapy and Research 2013;03:48-57
4. Thakur Manisha, **Narkeesh** & Kanimozhi, Efficacy of Myofascial Release in Fibromyalgia
Published in: Journal of Exercise Science and Physiotherapy, Vol. 9, No. 1: 11-16, 2013

5. Kaur kusumpreet, **Arumugam Narkeesh**, Khurana Sonia. Effect of cognitive behavior therapy as compared to myofascial release technique in fibromyalgia syndrome.
Published in : International Journal of physiotherapy & Research, Vol.1(4), 2013; 154-60.
6. **Narkeesh Arumugam**, Lekhni Priya Effect of Transcranial Direct Current Stimulation (tDCS) in Somatosensory Evoked Potential (SSEP) in Normal Adolescents
Published : Research & Reviews: A Journal of Neuroscience Volume 3, Issue 2, 2013, Pages 1-8
7. **Narkeesh Arumugam**, Amandeep Kaur Effect of Ultrasound and Low Level Laser Therapy on Nerve Conduction Studies in Patients with Carpal Tunnel Syndrome
Published :Research & Reviews: A Journal of Neuroscience Volume 3, Issue 2, 2013, Pages 9-14

PUBLICATION 2014

1. **Narkeesh A.** , Lekhni Priya and Kanimozhi Comparision between conventional and Problem Solving Curriculum of Physiotherapy In Indian Scenario
Published: *Golden Research Thoughts | Volume 3 | Issue 8 | Feb 2014 | Online & Print-Impact Factor : 2.2052(UIF) Link: www.aygrt.isrj.net*
2. **Narkeesh** , Lekhni Priya and Kanimozhi , Cognitive Based Therapeutic Intervention for Head Injury Patient”
Published: *Indian Streams Research Journal | Volume 4 | Issue 1 | Feb 2014 | Online & Print-Impact Factor : 2.1506(UIF) Link: www.isrj.net*
3. Parneet Kaur Bedi, **Narkeesh Arumugam** , Kanimozhi .Context and Task related approach in Rehabilitation after Stroke: A Systematic Review
Published - *Int J Physiother Res 2014, Vol 2(1):312-17. ISSN 2321-1822*
(International Journal of Physiotherapy and Research)
4. **Narkeesh***, Abhishek, Lekhni, Kanimozhi; Identification of the Effects of Brain Stimulation on Neurophysiology in Parkinson’s Disease Patients: Systematic Review
Published - *Research & Reviews: Journal of Neuroscience(RRJoNS)2014 Vol 4 (1) : 17-22*
5. Parneet Kaur Bedi, **Narkeesh Arumugam**, Kanimozhi; The Effect of Functional Therapy Approach in management of Spastic Diplegic Cerebral Palsy: A Case Study
Published - *Research & Reviews: Journal of Neuroscience(RRJoNS)2014 Vol 4 (1) : 23-27*
6. Parneet Kaur Bedi, **Narkeesh Arumugam**, Kanimozhi Durairaj "The Need of Epidemiological Studies in SCI Management

- Published** - A Review International Journal of Therapies and Rehabilitation Research" [E-ISSN: 2278-0343] <http://www.scopemed.org/?jid=12> IJTRR 2014, 3: 2 I doi: 10.5455/ijtrr.00000029
7. Kaur, Bhavkiran, **Narkeesh**, A. Review Study on the Effect Surface Spinal Stimulation on Autonomic Nervous System in Spinal Cord Injury Patient
Published - Journal of Exercise Science and Physiotherapy, Vol. 10 No. 1: 46-53, 2014
 8. **Arumugam N**, KAUR H. Efficacy of Cognitive Behaviour Therapy in Fibromyalgia as compared with Myofascial Release Technique. IJTRR. 2014; 3(3): 33-38. doi:10.5455/ijtrr.00000034
 9. Deepak N, Vaithiamanithi P,**Narkeesh A**. Effectiveness of tDCS on motor functions of the affected side in Hemiplegic Individuals: An Overview., Journal of Pharmacy Research.2014;8(8):1140-1147.
 10. **Narkeesh A**,Kaur P and Kanimozhi.Challenges for Physiotherapist to treating acute stroke. Indian Journal of Physical Therapy &Rehabilitation.2014.vol 3 (1).34-39.
 11. **Narkeesh A** and Gupta R.Bridging the gap in the field of Neurophysiotherapy. Indian Journal of Physical Therapy &Rehabilitation.2014.vol 3 (1).70-73.
 12. **Narkeesh A** and Kaur B. Effect of Surface Spinal Stimulation on Autonomic Nervous System in the Patients with Spinal Cord Injury. Archives of Medicine and Health Sciences.2014.Vol 2 (2) 126-130.

BOOK PUBLISHED

- * **CLINICAL SIGNIFICANCE OF ELECTRO DIAGNOSIS IN DISC HERNIATION**
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Working experiences:

- * Nov 1997-Oct 1998
Malar Hospital,Adiyar,Chennai(part time)
- * Oct. 1998 to Sept. 1999
Post-Clinical Therapist-Cum-Tutor
Santosh Hospital (Pvt.) Ltd. (250 Bedded) & Maharaji Educational Trust.
Besant Nagar, Chennai (TN) India

- * Oct. 1999 onwards Lecturer in Physiotherapy(Oct-1999 to Oct-2002)
Post-Sr. Lecturer/ Sr. Physiotherapist(Oct-2002 to Dec-2005)
Post-Reader /Associate Professor(Jan-2005 to Sep2006)
(Feb. 2001 to Feb. 2004)and (Aug 2005-Sep2006) Acting, Head Department of Physiotherapy
S. Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun (UA) India

- * Sep. 2006 to Sep 2009 worked as a Reader, Sep 2009- Sep 2012 as an Associate Professor, Sep 2012 onwards working as a Professor and Dec 2012 onwards HEAD
Department of Physiotherapy, Punjabi University,Patiala (PB)

CLINICAL WORK EXPERIENCES

From JUNE 2000

Working as a Employer, Manager & Head of the Department

Department of Physiotherapy & Rehabilitation (KANISHK PAIN & PARALYSIS CLINIC)

Bhardwaj Hospital,Hardiwar Road,Rishikesh,Uttarakhand State,INDIA

From April 2005 to SEP 2006

Working as a Employer, Manager & Consultant

Department of Physiotherapy & Rehabilitation (KANISHK PAIN & PARALYSIS CLINIC)

Nirmal Ashram Hospital (150 Beded Multispeciality Hospital), Maya Kund,Rishikesh,Uttarakhand State,INDIA

References:

1. **Dr.Nardender kaur multani**
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