

## Dr. Shiv Lal Yadav

### Personal Information

Fathers Name : Sh. P S Yadav  
Sex : Male  
Nationality : Indian  
Date of Birth : 06-09-1960  
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New Delhi-110049, INDIA.  
Email-id : [slyaiims@yahoo.co.in](mailto:slyaiims@yahoo.co.in); [slyadav@aiims.ac.in](mailto:slyadav@aiims.ac.in)  
Present Place of Work : Department of Physical Medicine & Rehabilitation,  
All India Institute of Medical Sciences (AIIMS),  
Ansari Nagar, New Delhi-110029 INDIA  
Fax No. : + 91 11-26588641  
Telephone No. : 011- 2659 4374 (Work); Mobile No.: 09868397170  
Designation : Professor (from 1 July 2011)  
Experience (Teaching/Research) : > 25 Years

### Professional Qualifications

- MBBS from SMS Medical College, University of Rajasthan, Jaipur, India. 1977-1984
- MD from SMS Medical College, University of Rajasthan, Jaipur, India. 1987-1990
- DNB in PM&R from National Board Examination (NBE) 2000.

### Employment

Post Held	Employer	From	To	Relevant Experience Gained
Medical Officer	DMHS, Rajasthan Jaipur	25-01-1985	12-02-1987	Medical Officer, Incharge Admin In charge Admin School Health, Immunization Prog. ICDS Project (Cared Medical Part)
Sr. Resident	Dean, AIMS	15-06-1990	09-11-1993	OPD & Ward clinical Work Clinics P&O Workshop
Asst. Professor	Director AIIMS	10-11-1993	30-06-2003	OPD & Ward Clinical Work Clinics P&O Workshop CBR
Associate Professor	Director AIIMS	01-07-2003	30-06-2007	Rehab Surgery P&O Workshop Research OPD/Indoor Services Indoor Teaching & Training
Additional Professor	Director AIIMS	01-07-2007	Till date	P&O Workshop Research OPD/Indoor Services Indoor Teaching & Training

### **Short Courses Attended**

- WHO fellowship – Trauma Service at Royal North Shore Hospital, St. Leonard, Sydney, Australia from November 18, 2007 to December 15, 2007.
- Short Term Course of International Society for Prosthetics & Orthotics on prosthetic management in lower limb amputee organized by BMVSS, Jaipur during 3-7 Nov. 2007.

### **Academic Distinctions & Prizes Received**

1. Vice Chair Person, ISPO- India Chapter for the year 2002-2003.
2. Felicitated by YSS (Regd.) for contributing exceptionally meritorious service for the disabled and community services during the annual function on 6<sup>th</sup> May 2007.
3. Scientific Committee chairman for forthcoming International Society of Prosthetics & Orthotics (ISPO) in year 2013.

### **Thesis ongoing/completed (as Chief Guide)**

1. Evaluation of quality of life in lower limb prosthesis users (Naman Goel, 2006).
2. A Prospective Study to evaluate Sexual problems in patients with SCI (N Mathew, 2006).
3. Burden and stress in caregivers of children with Cerebral Palsy (Dr Ramita Sardana, 2010)

### **Thesis ongoing/completed (as Co-Guide)**

1. Motor and Sensory Nerve Conduction Studies of Median and Ulnar Nerves in Patients with Rheumatoid Arthritis (Dheeraj A, 2007).
2. Feasibility of fast track discharge in Breast Cancer Patients Undergoing Definitive Surgery and Impact on Quality of life (S S Paswan, 2007).
3. Balance Assessment in Patients following Total Hip Replacement (Dr Mallikarjuna Nallegowda).
4. Co-guide for Dissertation “A study to assess the effect of Ice massage on AV fistula puncture pain in hemo dialysis patients (MS Sabitha, DB, MSc Nursing Studies 2009).
5. Efficacy of Diacerein in the treatment of Osteoarthritis of Knee (Sushil Singh L., 2009)
6. Effect of Pulmonary Rehabilitation on Muscle Strength, Inflammatory Markers, Dyspnoea and Quality of Life in Patients of COPD (Akansha Agarwal, 2010).
7. Comparison of Intermittent versus Daily Regimen of Prednisolone in Ambulatory Patients with Duchene Muscular Dystrophy (DMD) aged 3-15 years: An open label, randomized, efficacy and tolerability trial.
8. Feasibility of fast track discharge in breast cancer patients undergoing definitive surgery and impact on Quality of Life (S S Paswan, 2010).
9. Efficacy of lateral wedging in footwear in Medial Compartment Osteoarthritis Knee (S Badhal, 2010).
10. A study of effects of injection of Botulinum Toxin A on Gait Pattern in Children with Spastic Cerebral Palsy (Raj Kumar, 2009).
11. Investigating the effect of participatory ergonomics on pain, work related postures, disability and health related quality of life in computer users (Ms. Manika Tuteja, 2010).
12. To compare the efficacy of posterior Ankle Foot Orthosis and anterior Ankle Foot Orthosis in foot drop patients (Dr Harleen Uppal, 2010).
13. Effect of lateral wedging in shoes on Radiological Analysis & foot pressure in patients of osteoarthritis Knee (Dr Somya, 2010)

### **Thesis Evaluation (PhD, MD)**

1. Assessment of Clinical and Functional Improvement in Ankylosing Spondylitis following Pharmacologic and Non-Pharmacologic Treatment with Special Emphasis on Role of Sulfasalazine (Firdaus Kamal, MD West Bengal University of Health Sciences 2007-2010)
2. Assessment of Dynamic Muscular Stabilisation in the Non Operative Treatment of Lumbar Pain Syndrome: A Single Blind Control Study (S Kumar, Ph D, Chhatrapati Shahuji Maharaj Medical Universty, Lucknow 2009)

### **Research Experience/Publications**

1. Age related Changes in Postural Stability. D Borah, S Wadhwa, U Singh, S L Yadav, M Bhattacharjee and V Sindhu. Ind J Physiology and Pharmacology, Oct.-Dec. 2007, 395-404.

2. [Advantages of Ischial Weight Bearing Immediate Post Operative Prosthesis](#) Dr V Sindhu, Dr U Singh, Dr Sanjay Wadhwa, Dr SL Yadav IJPMR April 2007; 18 (1): 2.
3. Effect of Alprazolam in Spasticity: A Pilot Study. Prakash O, Singh U, Yadav SL, Kishore K, Handa G, Dwivedi SN. IJPMR 2009; 20 (1):6-12.
4. [Contractures and Drug Abuse. Srikumar V, Wadhwa S, Singh U, Yadav SL, Handa G.](#) IJPMR 2009; 20 (1):34-35.
5. Correlation between Instrumental Hand Function and ADL in Rheumatoid Arthritis. Gupta AK, Yadav SL, Singh U et al. IJPMR 2009; 20(2):48-51.
6. International Randomized Clinical Trial, Stroke Inpatient Rehabilitation with Reinforcement of Walking Speed (SIRROWS), Improves Outcomes. Bruce H. Dobkin, Prudence Plummer-D'Amato, Robert Elashoff, Jihey Lee and Yadav SL. Neurorehabil Neural Repair 2010; 24; 235.
7. Effect of cryotherapy on arteriovenous fistula puncture-related pain in hemodialysis patients. PB Sabitha, DC Khakha, S Mahajan, S Gupta, M Agarwal, SL Yadav. Indian J Nephrol 2008; 18:155-8.
8. Effect of Alprazolam in Spasticity: A Pilot Study. Prakash O, Singh U, Yadav SL, Kishore K, Handa G, Dwivedi SN. IJPMR 2009; 20 (1):6-12.
9. [Contractures and Drug Abuse. Srikumar V, Wadhwa S, Singh U, Yadav SL, Handa G.](#) IJPMR 2009; 20 (1):34-35.
10. Srikumar V, Wadhwa S, Singh U, Yadav SL, Behari M, Dwivedi SN. Structured Rehabilitation Exercise Program in Parkinson's disease. IJPMR 2010; 21 (2): 31-36.

#### **Conferences/Seminar/Courses attended**

1. Attended International Congress on Neurology and Rehabilitation (ICNR) during March 9-10, 2007 at India Habitat Centre, New Delhi.
2. Attended the 35<sup>th</sup> Annual Conference of Indian Association of Physical Medicine & Rehabilitation during January 19-21, 2007 at Patna.
3. Member for finalization of draft theme paper on "Science & Technology Interventions for Elderly" on May 14, 2007, INSA, New Delhi.
4. External Examiner for DPMR practical exam on 23 April 2007 at Safdarjung Hospital, New Delhi.
5. Member for finalization of draft note for the Cabinet in which signing and ratification of the UN Convention at New York, USA on the Rights for the persons with Disabilities by India on 1 March 2007 at Nirman Bhawan, New Delhi.
6. Appointed as Moderator for finalization of DPMR (paper-I, II) Annual examination 2007 of the University of Delhi.
7. Appointed as Internal Examiner for MD (PMR) examination at AIIMS held on 10 May 2007.
8. Member for Medical Board for out-of-turn allotment of accommodation on 22 February 22 2007 at AIIMS, New Delhi.
9. Appointed member of the Board of Studies of Rehabilitation Sciences, Faculty of Allied Health Sciences for a period of 2 years w.e.f. September, 2006.
10. Appointed External Examiner for Diploma course in Prosthetics & Orthotics (Practical & Oral) on 18 December 2006 at Safdarjung Hospital, New Delhi.
11. Appointed as Internal Examiner in the Board of Examiners for MD (PM&R) held in December, 2006 at AIIMS, New Delhi.
12. Conservative Management Of Cervical & Lumbar ailments Panelist at Hotel, Nikko, New Delhi on 28 April 2007.
13. Attended 46<sup>th</sup> Annual Scientific Meeting of ISCOS and 10<sup>th</sup> NoSCoS Congress at Iceland from 27 June to 1 July, 2007.
14. Attended 4<sup>th</sup> World Congress of the ISPRM Meeting at Seoul, Korea from 10 to 14 June, 2007.
15. Attended 12<sup>th</sup> World Congress of ISPO meeting at Vancouver, Canada on from 29 July to 3 Aug. 2007.
16. Member of the Expert Committee for selection of Senior Research Associates (Pool Scientists) in Medical Sciences on 30 August 2006 at CSIR Complex, Library Avenue, PUSA, New Delhi.
17. Appointed as Selection Committee member for appointment of Lecturers (Physiotherapy) in the faculty of Allied Health Sciences on 17 June 2006 at Jamia Hamdard, New Delhi.
18. Acted as respondent to the questionnaire on "White paper on Spinal injury Management". The emerged final white paper was presented during 10<sup>th</sup> Annual Conference of IOA at Chennai.
19. Expert Committee meeting at Addl. DGHS regarding artificial limbs on 26 October 2007
20. Expert committee meeting regarding reg. Of the altered motor vehicles for use of persons with disability and issue of driving license to them under Ministry of Shipping, Road transport & Highway, Dept. of Road Transport & Highways on 19 Sept. 2007.

21. Preventive steps required for Muscular Dystrophy on 12 Sept. 2007.
22. Draft memorandum for amendment of the Deen Dayal Disabled Rehabilitation Scheme on 10 Oct. 2007.
23. Panelist at Workshop on Brainstorming workshop on Rationality assessment and guidelines for fixed dose combinations. Jointly organized by Dept. of Pharmacology, AIIMS & Central Drugs Standard Organization (CDSCO), Ministry of H& FW, and GOI on 25 June 2007.
24. Attended RNSH Trauma Service Education Day on Friday 14 December 2007 held at Royal North Shore Hospital, Sydney, Australia.
25. Visit to Pt. JN Medical College, Raipur, Chhattisgarh for up-gradation of Physical Medicine & Rehabilitation department on 28 Jan 2010.
26. Expert member Uttar Pradesh, Public Service Commission for the Male Medical Officer post (Allopathy) during 18-19 Jan. 2010.
27. Visit to BRD Medical College, Gorakhpur for up-gradation of Physical Medicine & Rehabilitation department during 9-10 December 2009.
28. Visit to LLRM Medical College, Meerut (UP) for up-gradation of Physical Medicine & Rehabilitation department during 16 Dec. 2009.
29. Rheumatology update 2009 held during 12-13 December 2009 at Army Hospital (R&R) New Delhi.
30. Participated as nodal officer during CBHI WHO-CC on FIC (ICD 10 & ICF) meeting of Nodal officers on 7 December 2009 at Nirman Bhawan, New Delhi.
31. Chaired a session during 19<sup>th</sup> National conference of Orthotics & Prosthetics Association of India on 13 Feb 2010 at Tivoli Garden, New Delhi.
32. Attended Board of studies meet at Hyderabad Central University on 4 March 2010.
33. Expert member Uttar Pradesh, Public Service Commission, Allahabad, UP for the selection of Asst. Professor – Physical Medicine & Rehabilitation 07 April 2010.
34. Participated as an expert member during Expert committee meeting on Draft Finalization on Physical Activity & Health at RML Hospital on 31 August 2009.
35. MD Exam (Internal) Examiner.
36. Chair a session during international symposium on recent advances in cardiovascular sciences - global conference on Heart diseases at DIPSAR February 2007.
37. Panelist during Brainstorming workshop on rational assessment and guidelines for fixed dose combination of 25-26 June 2007, AIIMS New Delhi, sponsored by WHO, Department of pharmacology & central drugs standard control organization MHOFW, GOI.
38. 4<sup>th</sup> ISPRM-Korea, Seoul 10-14 June 2007.
39. 48<sup>th</sup> ISCOS + NOSCOS congress at Reykjavik, Iceland during 27 June- 1 July 1 2007.
40. External Examiner DPMR 15 Oct. 07 AT SJH.
41. Bone & joint decade India conference on Arthritis research & care from 28 Nov to 1 Dec 2008 at Pune.
42. 47<sup>th</sup> Annual Scientific meeting of ISCOS on 30<sup>th</sup> Aug-Sep 3<sup>rd</sup> 2008 at Durban, SA.
43. 4<sup>th</sup> National conference on Indian society for Bone & Muscular Research (ISBMR) from Oct 18-19, 2008 at PGIMER, Chandigarh.
44. 10<sup>th</sup> Singapore stroke Conference to be held from 31<sup>st</sup> Oct – 2<sup>nd</sup> Nov 2008 at Changi Medical Hospital, Singapore.
45. Chaired at session during 37<sup>th</sup> IAPMRCON 2009, 16-18 Jan 2009 at Kolkata.
46. 35<sup>th</sup> Annual Academy Meeting of AAOP and scientific Symposium during 4-7 May 2009 at Atlanta, Georgia, USA.
47. 7<sup>th</sup> ASCON Meeting in Hanoi, Vietnam.
48. Expert for the post of allopathic medical officer at UPPSC, Allahabad during 10-12 June 2009.
49. CME, IAPMR Midterm 2009; 8-9 Aug 2009 at Coimbatore, Tamilnadu.
50. EHS Advisory committee member at AIIMS.
51. Attended a symposia on Forteo : Anabolic power to form New Bone in the Osteoporotic Patients. Speaker: Dr. Robert Marucs, USA.
52. PMR-UG Teaching Oct 25/Nov 8, 2008.
53. MCQs on Rehab for forthcoming DM Pediatrics (Neuro).
54. WHO Workshop on development of fact – sheets for role of diet and Physical activity as risk factors for non communicable diseases. Expert Discussion: Summary of recommendations for physical activity.
55. Attended a core group meeting discuss the course contents of the proposal for joint conduct of country course – disability and health, statistics on 17 October 2008 at Nirman Bhawan, New Delhi.
56. Pulmonary Rehabilitation DNB Program DPMR, Vardhman Mahavir Medical College & Safdarjung Hospital on 26 April 08.
57. Teaching PMR for UG (7<sup>th</sup> Semester) at Ballabgarh during 24 Oct – 7 Nov 2009

58. Sports rehabilitation Sports Medcon 2009, 6-8 Nov 2009 Scope Convention Centre, CGO Complex, New Delhi.
59. Resource person for teleconferencing at Rehabilitation Council of India (RCI) Studio Nav Shikhar Channel on 30 July 09.
60. Field trials of Stanford Jaipur Polycentric Prosthetic knee joint developed by BMVSS Jaipur in collaboration of Bio Design Division of Stanford Unit USA for Trans femoral amputees.
61. CBHI-WHO Collaborating centre on FIC-ICD 10 & ICF (nominated as Nodal officer for networking of national institutions for ICF in India) Vide order No 6-72/93 Estt 1 Dated 11 Sept. 2009 in the field of PMR.
62. Participated as an expert member to attend WHO workshop on finalization of fact sheets on the role of physical activity towards prevention of Non -Communicable Diseases on 31 Aug 2009 at PGIMER, Dr RML Hospital, New Delhi
63. Participated in open label, non-randomized, prospective, non-controlled study to evaluate the tolerability's & effectiveness of as fixed dose combination of thiacolchicoside & ketoprofen in the management of painful muscular spasms in acute orthopedic conditions.
64. Visit for inspection GMC, Srinagar, Garhwal, UA under the scheme up gradation of facility in PMR Department in Medical colleges.
65. External Examiner for DPMR at SJ Hospital on 15 October 2007.
66. Chair a Session and Chairman scientific committee 3<sup>rd</sup> Annual conference of IPARM 25-26 July 2009 and also presented a paper on Role of muscle relaxants in management of LBP.
67. Attended in National workshop to (i) design a need based ICF training module for non-medical personnel along with identification of teaching & self learning materials, and (ii) defining research needs to promote and facilitate the ICF use in India during 4-5 December 2008, NIMHANS Bangalore.
68. WHO fellowship at RNSH St. Leonards, Australian for 4 Weeks w.e.f. 19<sup>th</sup> Nov 2007.
69. Orthotic Prosthetic Society of India (OPSI) meet during 7-9 Feb 2008 Hyderabad.
70. Doctoral committee member for research project of Dr SN Bhaduri – Co-guide.
71. Acute management of spinal cord injury Patients & medical complication of SCI patients at ISIC 3-4PM.

### **Paper presentation**

1. Rehabilitation Management of Osteoarthritis presented during the National Workshop on “Recent trends in Arthritis and Unani Medicine” during 16-17 March 2007 at Jamia Hamdard University in New Delhi.
2. Paper on “Forequarter amputation and Rehabilitation” presented at AIIMS during DOA monthly meeting.
3. Paper entitled “Psychosocial Morbidity in SCI patients” presented during 46<sup>th</sup> Annual Scientific Meeting of ISCOS and 10<sup>th</sup> NoSCoS Congress at Iceland from 27 June to 1 July.
4. Paper entitled “Evaluation of Quality of Life in Lower Limb Prosthesis Users: Indian Prospective”: presented during 12<sup>th</sup> World Congress of ISPO meeting at Vancouver, Canada from 29 July to 3 Aug. 2007
5. Paper entitled “Use of Hyuran in treatment of Periarthritis Shoulder” presented during 4<sup>th</sup> World Congress of the ISPRM Meeting at Seoul, Korea from 10 to 14 June 2007.
6. Paper entitled “Sexual issues in SCI patients” presented during 7<sup>th</sup> ASCON at Hanoi, Vietnam from 9-11 Dec 2008.
7. Paper entitled “Sexual rehabilitation and spinal cord injury individuals” during BAPMR meeting in Dhaka, Bangladesh from 15– 16 Nov 2008.
8. Paper entitled “Comparative study of effectiveness of EMG biofeedback exercise and home exercise program in improving the strength of Quadriceps muscle in Osteoarthritis of Knee joint” during 5<sup>th</sup> World Congress of the International Society of Physical Medicine and Rehabilitation (IAPRM) during 13-17 June 2009, Istanbul, Turkey.
9. Paper on A. Overview of stroke rehabilitation  
B. Disability assessment in Neuro-psychiatry diseases, presented During CME on Geriatric & stroke rehabilitation held on 31 Jan. 2010 at Kota.
10. A Guest lecture on Management of Post stroke spasticity presented during IAPMRCON 2010 and also chaired a session, 22-24 Jan. 2010.
11. Training of Master Trainers on family of International Classification (ICD 10 & ICF) at RHSTC of CBHI, Mohali, 4-8 Jan. 2010 as resource person
  - a) Introduction to WHO-ICF chest list
  - b) Field visit to PMR
  - c) Practical on ICF coding: Role play be identifying amongst the participants for different disease(s)/dysfunction(s)

12. A paper presented on Role of Alprozolam on Spasticity during 8<sup>th</sup> ASCON Conference Kathmandu, Nepal, 20-22 November 2009.
13. A paper on Autonomic Dysreflexia – A Medical Emergency presented during ISSICON – 2009 and also chaired Comprehensive Rehabilitation of SCI Patients during 18-20 December 2009 at GMC, Chandigarh.
14. A paper on sports rehabilitation presented during 3<sup>rd</sup> Annual Conference of Indian Federation of Sports Medicine (IFSM) – Sports MedCon2009, 6-8 November, 2009 at Scope Convention Centre, CGO Complex, Lodhi Road, New Delhi.
15. A talk on LBA & its rehabilitation as CME program presented as a part of PAN-African e-network project on 15 Feb. 2010 at telemedicine facility, AIIMS, New Delhi.
16. Presented paper on Scales in Rehabilitation and also chaired IFNR formation meeting and IAPMR session during ICNR 2010 during 23-25 April, Goa.
17. A paper presented on Transfemoral and Transtibial Prosthesis: A study on the Feasibility of Design Modification in Rural Setting in India and also chaired the same session during ISPO - 13<sup>th</sup> World Congress during 10-15 May 2010, Leipzig, Germany.
18. A paper presented on Spinal column disease and their Management on 09 April 2010 at INSA during Natural Health Day organized by International Foundation of Natural Health & Yoga.
19. Delivered a lecture on CBR in Stroke Patients during CME Program on neurological Rehabilitation organized by IAPMR in association with VIMHANS.
20. “Back-ache and its rehabilitation” Tele conference of IGNOU 20 March 2005.
21. A prospective study to evaluate sexual problem in Patients with Spinal cord injury and also chaired a session during BAPMR Con 2008, 15-16 Nov 2008 at Dhaka.
22. Resource faculty during the training Workshop for master trainers & co-ordinators on family of international classification (ICD-10 & ICF) during 19-23 Jan 2009 at CBH/RHSTC, Mohali.
23. A paper on Comparative study of effectiveness of EMG Bio feedback exercise & Home exercise program in improving the strength of quadriceps muscle in OA of Knee presented during 5<sup>th</sup> World congress of ISPRM, 13-17 June 2009 at Istanbul, Turkey.
24. Rehabilitation of leprosy Patient during the workshop on disability prevention & Medical Rehabilitation in leprosy and Nerve function assessment in leprosy on September 19-20, 2006.
25. Conservative Meeting of vertebral lesion on 27 Feb 2008 Basic workshop on SCI Management for doctors at Auditorium, ISIC New Delhi.
26. Neurogenic Bowel Management in discipline specific workshop for Nurses.
27. Assessing satisfaction after SCI - current trends 23 Feb 2008 at Taj Hotel, New Delhi
28. Categories and domains in ICF: Body functions; body structures activities and participation; environmental factor during training of master trainers on family of international clarification (ICD-10&ICF) at regional Health statistics training centre of CBHI, Mohali, 5-9 Oct 2009.
29. Delivered a talk on topic “introduction to ICF, models of functions & disability, use of ICF, details of classification on 29 October 2009 at Jaipur.
30. Evaluation of QOL in Lower limb prostheses users-Indian perspective, 12th ISPO meeting in Vancouver, Canada from 29 July to 3 Aug 2007.
31. Paper presented during Delhi Orthopedic society clinical meet on Forequarter amputation and prosthetic rehabilitation.
32. Role of Visco-supplementation in OA Knee management presented at 4<sup>th</sup> annual Conference of IPARM on 11 April 2010, AIIMS, New Delhi.
33. Ankle Disarticulation & Partial Foot Prosthetics during IOACON 2010 post conference Workshop on Yoga & Lower Limb Prosthetics and Orthotics, Jaipur Foot, 13 December 2010.

### **International Conference Presentations**

1. Paper entitled “Psychosocial Morbidity in SCI patients” presented during 46<sup>th</sup> Annual Scientific Meeting of ISCOS and 10<sup>th</sup> NoSCoS Congress at Iceland 27 June-1 July 2007.
2. Paper entitled “Evaluation of Quality of Life in Lower Limb Prosthesis Users: Indian Prospective”: presented during 12<sup>th</sup> World Congress of ISPO meeting at Vancouver, Canada from 29 July to 3 Aug. 2007
3. Paper entitled “Use of Hyuran in treatment of Periarthritis Shoulder” presented during 4<sup>th</sup> World Congress of the ISPRM Meeting at Seoul, Korea from 10 to 14 June 2007.
4. Paper entitled “Sexual issues in SCI patients” presented during 7<sup>th</sup> ASCON at Hanoi, Vietnam during 9-11 Dec 2008.
5. Paper entitled “Sexual rehabilitation and spinal cord injury individuals” during BAPMR meeting in Dhaka, Bangladesh during 15-16 Nov 2008.
6. Paper entitled “Comparative study of effectiveness of EMG biofeedback exercise and home exercise program in improving the strength of Quadriceps muscle in Osteoarthritis of Knee joint” during 5<sup>th</sup> World

Congress of the International Society of Physical Medicine and Rehabilitation (IAPRM) during 13-17 June 2009, Istanbul, Turkey.

7. A paper presented on Role of Alprozolam on Spasticity during 8<sup>th</sup> ASCON Conference Kathmandu, Nepal, 20-22 November 2009.
8. A paper presented on Transfemoral and Transtibial Prosthesis: A study on the Feasibility of Design Modification in Rural Setting in India and also chaired the same session during ISPO - 13<sup>th</sup> World Congress during 10-15 May 2010, Leipzig, Germany.
9. Paper entitled "Joint Protection and Joint Stability" during 3<sup>rd</sup> Middle East Physical Medicine & Rehabilitation Conference, during 17-19 October 2010 at Abu Dhabi National Exhibition Centre, Abu Dhabi, UAE.
10. Paper entitled "The effect of Alprozolam in Spasticity" during 2010 Asian Congress of Neurorehabilitation under the theme "Neurorehabilitation: Innovation, Convergence & Education" during 5-8 December 2010 at Zign Hotel, Pattaya, Thailand.

### **Organisation of Conferences & Seminars**

1. Chaired a session during an international Symposium on "Recent Advances in Cardio-vascular sciences-Global Conference on Heart Disease" during 14-15 Feb. 2007 at DIPSAR, New Delhi.
2. Member of jury to select best poster award during Global Conference on Heart Disease during 11-12 Feb 2008 at DIPSAR, New Delhi.
3. Organizing Secretary, 1<sup>st</sup> IPARM, Delhi Chapter of IAPMR inaugural Conference & CME, 7-8 April 2007 at India Habitat Centre, New Delhi.
4. Organizing Secretary for the 4<sup>th</sup> IPARM Conference during 10-11 Apr 2010.
5. Member of jury to select Best poster paper award during ICNR 2010, during 19-21 April, Goa.
6. Joint Organizing Secretary for forthcoming 39<sup>th</sup> IAPMR Conference during 4-6 Feb 2011.
7. Chairman Scientific Committee 13<sup>th</sup> ISPO Conference 2013.
8. Chaired a session during IAPMR Mid-term CME programme 2010 during 20-21 August 2010.

### **Health Education for public on mass media**

1. Participated as an expert on discussion on various disability issues on Lok Sabha Channel on World Disability Day.
2. Expert comments on MND and its Rehabilitation aired on ATN Mumbai.
3. Gave radio talk on Poliomyelitis.
4. Expert on SCI related issues aired on DD-2 channel under the program Total Health.
5. Role of rehabilitation under educational Program of Rehabilitation Council of India aired on Nav Shikhar Channel.
6. Telemedicine education programme in June 2009.

### **Administrative Experience**

1. Medical Officer Incharge, Govt. dispensary, Kunwa, Dungarpur, Rajasthan for more than 2 years.
2. Part of administrative work in the department of Physical Medicine & Rehabilitation for last twenty years.
3. Management & Administration independently the working of Orthotic and prosthetic workshop of the department of Physical Medicine & Rehabilitation, AIIMS for about 5 years.

### **Membership of Scientific Bodies**

- 1) Life member of Indian Association of Physical Medicine & Rehabilitation (IAPMR).  
Position held – Treasurer 2009 - 2012
- 2) Life member of the Rajasthan chapter of IAPMR. Position held Treasurer 1989-90.
- 3) Life member of the Delhi chapter of Indraprastha Association of Rehabilitation Medicine  
Position held - Executive member 1991 to till date (IAPMR-North Zone).
- 4) Member of the AIDS society of the Asia & Pacific.
- 5) Life member of RYS.
- 6) Member of International Society of Spinal Cord Society (ISCoS)
- 7) Member of International Society of Physical & Rehabilitation Medicine (ISPRM)

- 8) Member International Society of Prosthetics and Orthotics (ISPO)
- 9) Life Member of Indian Association of Orthopedics (IOA)
- 10) Life Member of Indian Medical association (IMA)
- 11) Life Member of Delhi Chapter of IOA
- 12) Member of World Forum of Neurological Rehabilitation Life (WFNR)
- 13) Member of Bombay Orthopedic Society (BOA)
- 14) Life Member of OPSI
- 15) Life Member of Indian Association of Sports Medicine