

Prof G L Khanna:
Working Experience 32 years

I worked with Sports Authority of India as Scientists from 1982-2006. Presently I am working as Professor & Dean (Exercise and Physiology) Faculty of Applied Sciences, Manav Rachna International University Faridabad since Sep 2006. I graduated with Honors from Presidency College Kolkata and completed my post graduation from University of Calcutta and was awarded Doctorate by Panjabi University in the year 1989. I also worked as Professor (M) sports Science, in University of Science Malaysia. I have taught Physiology to Undergraduate and Post Graduates in the University. I have guided 4 PhD students and presently guiding six more students. I was member of Steering Committee of Govt. of India, for Commonwealth Games preparation 2010. I have provided scientific backup to sportsperson for International Competitions since 1982. I have provided scientific backup to various sportsperson and prepared many Indian Sports personals for International competitions like Asian Games/Commonwealth/Olympics since 1982. . I organized many National and International workshops, seminars, symposiums and conferences. I was the Organizing Chairman of XIVth Commonwealth International Conference of Sports Sciences held at India. I have been Nominated as Chairman of the Organising committee of the 7th Asia Pacific conference on Exercise and Sports Science to be Organised in India in Oct 2015, I was Member of sports policy action plan of Govt. of India. Committee Member of Ministry of Youth Affairs and Sports for establishing National Institute of Sports Science and Medicine and setting up of Sports Sciences in the Universities 2104. I had been invited to act as resource person in Tsukuba University, Japan since 2011 onward. I am visiting Professor (Sports Physiology) in University of Pedidikan Sultan Idris Malaysia. I am member of Academic Council for three universities. Received many Laurels, Oration Awards-S.R Maitra Oration Award, B.B Sarkar Memorial Oration Award and AOK Health Best poster Award-Australia. I was given appreciation award by NAPESS for felicitation programme at the Sports Science conference at Goa. I am Member of International Institute of Health promotion. I am also member of fitness committee of International Institute of Health Promotion USA. I am vice president of Asian Council of Ex & Sports Science, Vice President of National Association of Physical Education and Sports Science India and an active member of Physiological society of India. With number of foreign assignment project, I visited many countries like USA, Brazil, UK, Greece, Japan, Germany, Singapore, Malaysia, Mauritius, USSR, China, and Russia. I have presented more than 100 papers in National and International Conferences and published more than 100 research papers in National and International Journals. I have published 5 Books on Sports Sciences for sports persons. My area of Research interest is high performance Physiology, Hydration, Nutritional Supplements. I am on Advisory panel of International Life Sciences

Institute. I got a number of International collaboration with various Universities worldwide with MR University in sports science, therapies and rehabilitation. I have been on advisory panel for Rajasthan University of Sports of E&Y. I am on editorial board committee/advisory panel of various International and National Journals. I am presently Editor in Chief of the MR International Journal of Applied health Sciences.

Curriculum Vitae of Gulshan Lal Khanna

Name	Professor Dr Gulshan Lal Khanna
Date of Birth	5 th June 1956
Home Address	229 Sector 28 Faridabad (Haryana) 121008 India
Present Address (O)	Prof and Dean Faculty of Applied Sciences Manav Rachna International University Suraj Kund Badhkal Road Faridabad 121003
E Mail	glkhanna@gmail.com ;
Contact no	0129-4048007 (R) 91-9810339290 (M)

Academic Qualification

- Ph.D. (Human Biology) Exercise Physiology .1989 Panjabi University Patiala (India)
- Phd Project : Aerobic and Anaerobic capacities and Cardio-pulmonary responses to Ergometry in children of 8 to 18 years.

- Master of Science (M.Sc.) in Human Physiology, 1980, **University of Calcutta**, India.
Subjects: **Exercise Physiology/Work Physiology**, Ergonomics (Major); Biochemistry, Endocrinology, Immunology, Nutrition, Microbiology, Neurology (Minor).
- Bachelor of Science (B. Sc. Honours) in Physiology, 1978, **Presidency College Calcutta**, Calcutta University, India. Subjects: Human Physiology (Major); Zoology & Chemistry (Minor).
- Advance Course in Functional Diagnostics from **Central Institute of Sports** Moscow.USSR 1990
- International Course On Sports Medicine Federation International Football Association (FIFA)
- Attended a Certificate course in Safety and ergonomics -organised by Regional Labour Institute, Calcutta.

Professional Experience

► Research and Teaching Experience

32 years Research and Teaching Experience in the field of Sports Physiology.

Year	Area	Department	Institute/University
1982-1984	Scientist Assistant Exercise Physiology	Physiology	National Institute of Sports Patiala India
5 years 1984-1989	Jr Scientific Officer	Sports /Exercise Physiology	National Institute of Sports Patiala India
1990-2000	Scientific Officer Head Exercise Physiology and Co-ordinator Sports Science	Sports/Exercise Physiology	Sports Authority of India, Bangalore, India
2000- 2002	Sr Scientfic Officer and Incharge Sports Science/ Human Performance Lab	Sports/Exercise Physiology	Sports Authority of India, Delhi India
2002-2003 (1Year)	Associate Professor ,Physiology	Sports Science	University of Science Malaysia

Oct 2003-June 2006	Sr Scientific Officer and Incharge Sports Science /Human Performance Lab	Sports/Exercise Physiology	Sports Authority of India, Delhi India
June 2006-Sept 2006	Sr Scientific Officer Head Department of Exercise Physiology	Physiology	National Institute of Sports Patiala
Sept 2006 –till date	Professor (Exercise/Sports Physiology) Dean Faculty of Applied Sciences	Conducting Master /Bachelor degree inPhysical Education Sports Science ,Nutrition, Physiotherapy , ,Lab Technology,Hot el management Associated with Indian Women Hockey Team as Sports Physiologist	MR International University Faridabad/MD University Rohtak

Teaching:

I have diverse teaching experience in various aspects of Exercise Physiology and Sports Science at Undergraduate and Postgraduate level and Guiding Phd

- B.Sc Physical Education and Sports Science, M.Sc, MPT, BPT, MSc. B.Sc. Nutrition & Dietetics, BDS, M.Sc Coaching Science.
- Undergraduate level: Sports and Exercise Physiology to B.Sc. Sports science, Coaching.
- Exercise Physiology course to Undergraduate students and Master of Physiotherapy
Physiology of Exercise, Physical Education and Sports Science.

- Physiology Course to Bachelor of Dental Sciences
Graduate Level:
- Physiology of Exercise to Master of Science in Coaching
- Physiology of Exercise to Master of Sports Science
- Physiology of Exercise to Master of Physiotherapy
- Human Physiology to BDS & MBBS & DSM
- Sports Physiology to Graduate , MSc (Postgraduate students of sports Coaching Affiliated to Panjabi University Patiala)
- Diploma Sports Medicine (DSM) approved by MCI affiliated to Baba Farid University being conducted at NSNIS patiala
- Taught Exercise physiology to graduate and Post Graduate Physiotherapy course students of Affiliated colleges of Bangalore University
- Taught Exercise Physiology to Post Graduate Sports Science (MSC) and MBBS Program Of University of Science Malaysia From October 2002 to Oct 2003
- Visiting Faculty Jamia Hamdard University New Delhi Exercise Physiology to Master of Physiotherapy student
- Teaching Exercise Physiology to Master of Physiotherapy Students of Guru Nanak Dev University Amritsar from the year 2000-till date (invited Lectures)
- Acted as resource person for Physiatrist course for medical doctors conducted at Trivandrum from 1994 – 2000.

Research Interest

- Training adaptations in High performance sports
- Growth and development
- Fluid and electrolytes
- Antioxidants and exercise

Research Guidance for Ph.D students since 1995:

1. A Singh (Phd) Work Capacity and Cardiorespiratory Adjustments To Exercise In Children. Punjabi University, Patiala. (1995)
2. M Saha ((Phd) Study Of Physical & Physiological Development Of Sports

- Talented Children. Calcutta University, Calcutta (1998).
3. I Manna (Phd) Comparative studies of morphological, physiological and biochemical parameters in different ball game players in preparatory and competitive phases of training Registered with Vidyasagar University Midnapore (WB) ,completed in 2008
 4. Singh, J Effects of coconut water ingestion on cycling performance in heat and humidity.University of Sains Malaysia (MSc)
 5. Shaji Joseph (PhD) 2008 Punjabi University, Patiala EFFECT OF MUSIC AND MEDITATION ON PERFORMANCE IN PROFESSIONAL SHOOTERS (REGISTERED)
 6. Hemant Juneja (PhD) 2008 Punjabi University, Patiala: Strength of shoulder Rotator Muscles and its relationship to throwing performance in children (registered)
 7. GURJEET KAUR CHAWLA 2010 Manav Rachna International University "Effectiveness of Worksite Health Promotion programme on selected health Parameters for Female Workforce in Leather Industry."
 8. POOJA CHUGH 2010 Manav Rachna International University' An Isokinetic evaluation of Core Stability and shoulder strength on bowling and throwing speed accuracy of Cricketers"
 9. SHALINI GROVER 2010 Manav Rachna International University "Effect of combined Manual Therapy programme of Cervical Mobilization on Vertebral Artery Blood flow on VB1 Patients."
 10. SHOBHIT SAXENA 2010 Manav Rachna International University' Comparing the performance enhancing effects of different frequencies of whole body vibration training with equivalent fitness training in recreationally trained Indian Males."
 11. DHEERAJ PARASHER 2010 Manav Rachna International University "Study of risk factors associated with Doping in Sports and its relation to personality structure and social environment of the Indian Athlete."
 12. Dr. Shishir Nigam 2011 Manav Rachna International University""Effect of Light Emitting Diode Therapy on Micro Injury Treatment."
 13. Dr. Jyotsna Kapoor 2011Manav Rachna International University "Exercise Training in Combined stabled COPD and Peripheral Arterial Disease Patient."

International exposure through participation in workshops, seminars or conferences held outside the country:

Sl	Title of workshop/seminar/conference	Month & Year	Place
1	Pre-Olympic Conference Of Sports Sciences Physical activity, health & Sports	1996	Dallas USA
2	International Conference on Health, fitness and Quality of life	1999	Curitiba Brazil
3	Pre-Olympic Scientific Conference	2008	Nanjing China
4	Asian Conference on Exercise & Sports Science held	2009	Kota Baru Malaysia
5	Attend Functional diagnostics Course Sponsored by Govt of India	1991	Moscow (USSR)
6	5th Asia Pacific conference on Exercise and Sports Sciences (APCESS 2011)	2011	Shanghai CHINA
7	International Convention on Science, Education and Medicine in Sport (ICSEMIS)-Pre_olympic	2012	Glasgow UK
8	Tsukuba Summer Institute programme	2012	Japan
9	TRILOG 2013- International Sports Science Conference	2013	Malaysia
10	Workshop on Sports Science	2002	Malaysia
11	Conducted a clinic on Application of Sports Physiology in High Performance Sports Singapore Sports Council 2003	2002	Singapore
12	Delivered an Invited talk on Development of Sports Science in the Developing Countries in Pre- Olympic Scientific Conference	2004	Greece
14	Delivering an Invited talk on Health problems of	21-23 rd Sept 2007	Germany

	Rural India in IIHP meeting to be held at Heidelberg		
15	Accompanied as Physiologist of Indian Women Hockey team for Olympic Qualifying Tournament.	14 th April 2008 to 28 th April 2008	Kazan (Russia)
16	Delivered Key note address on in Pre-Olympic Scientific Conference held at supported by MYAS govt of India.	4-6 th August 2008	Nanjing China
17	Attended meeting of International Institute of Health Promotion , Held at American University	6-8 th Nov 2008.	Washington USA
18	Visited Boston University and Kent State university for initiating dialogue for cultural Exchange programs.	2009	Boston and Kent USA
19	Chairman for symposium on Exercise Physiology in Asian Conference on Exercise & Sports Science	15 th July-17 th July 2009	Malaysia
20	Attended Global Forum for Physical Education Pedagogy 2010 as VIP and Honorable Guest	13-14 th May 2010.	U.S.A
21	Guest Mentor Tsukuba Summer Institute Physical Education and Sports Science conducted	by Tsukuba University in June 2011.	Japan
22	Visiting Faculty and Resource person for TSI 2014 Tsukuba	July 2012	Japan
23	Invited Speaker at Olymic Scientific conference held at Glasgow	July 2012	UK
24	Key Note Speaker at Trilog conference UPSI on Sports Science	Nov 2013	Malaysia
25	Invited Speaker at Pre Asian Games Sports Science conference held at Incheon	August 2014	Korea

Preparation of Indian Sports persons for International Competitions/Scientific Support to sports persons:

- Provided scientific back up to Indian Teams : Athletics, Hockey, Football ,Badminton,Volleyball , Swimming, Cricket Shooting, ,Billiards , Wt Lifting shooting and others For Asian Games/Commonwealth /Olympic Games !990, 1992,1994,1996,1998, 2000,2002 ,2004 and 2006 and Other International Competitions
- Worked as Physiologists ,officially attached to Indian Women Hockey Team till 2010 Commonwealth Games
- Member (Technical Expert) of Commonwealth Games 2010 Preparation committee of Ministry of youth affairs and sports ,Govt of India.
- Selection and monitoring of Sportspersons and provided scientific support to Talented sports children of SAI Schemes and Planning and management for Scientific Support and Monitoring.
- Co-ordinator for Talent Identification and monitoring for sports talents for 8-18 Years of age at SAI Southern Region for long term training under Sports Authority of India Schemes and 1990-2000.
- Member of Selection committee of Talented children of AP Sports School Hyderabad from
- Presently member of Scientific committee of sports Authority of India for Talent Identification.

Administrative Experience:

Presently working as Professor & Dean –Faculty of Applied Science-Looking after B.Sc (Sports Science),BPT ,MPT,BSc (Human Nutrition and Dietetics),M.Sc Nutrition and Dietetics

Worked as Incharge Sports Science and Head of Department of Exercise Physiology at Sports Authority of India, NSSC, Bangalore from 1990-2000 and Human Performance Lab New Delhi from 2000-2006

Worked as Incharge Co-ordinator of Sports Science at Sports Authority of India, NSSC, Bangalore from 1990-2000 and Human Performance Lab New Delhi from 2000-2006

Awards

- Felicitation Award by Kerala Sports Department 1992
- Received S.R.MAITRA ORATION AWARD in Physiology in Indian Science congress in Jan 1998 held at Hyderabad.
- AOK Health Best Poster (Performance Enhancement and Basic Science) Ausralian Conference of Sports Medicine 2004 Australia
- Received B B Sarkar Memorial ORATION AWARD in physiology presented during Annual Conference of Physiology in Dec 2007
- Merit cum scholarship award by Presidency College Calcutta (India)
- Won a number of Golf Competitions at Club Level.
- Received Appreciation Award by NAPSS for Felicitation programme at the conference at GOA in February 2011.

International Project collaboration:

Associated with International Project i.e Joint European-India venture
DEVELOPMENT AND EFFICACY OF A COLOSTRUM-BASED THERAPY FOR PATIENTS, [ATHLETES](#), MILITARY PERSONNEL AND THE ELDERLY

Participant organisation name	Country
CERETETH	Greece
University of Tuscia	Italy
UMR INSERM	France
Institute Jozef Stefan	Slovenia
University of Crete	Greece

Guna S.p.a.	Italy
Faridabad Institute of Technology	India
GND University Amritsar	India
National Institute of Nutrition	India
Panjab Agriculture University Ludhiana	India

Board of Studies / Expert

1. Member **Academic committee of Jamia Milia Islamia** New Delhi since 2007 till date
2. Member of the Committee of Course of the Department of Physical Education and Sports Sciences-IGIPES **Delhi University** from 2009 till date
3. Member Board of Studies of **Physical Education** of **MD University Rohtak** since 2009 till date
4. Member Board of Studies of Pt B D University Rohtak
5. Member of Academic Council of National Institute of Sports Patiala 2003-4
6. Member Academic Council University Sains Malaysia 2002-03

Professional Membership

International:

- Member of International Institute of Health Promotion, American University Washington , USA
- Executive Member of Asian Council of Exercise and Sports sciences
- Member New York Academy Of Sciences, New York USA.
- Member of International Association of Sports Kinetics, Poland.
- Member of the Palaestrica of the Millennium Journal Editorial Board.

National:

- Vice President National Association of **Physical Educational and Sports Sciences** **India**
- Vice President of National Association of Computer in Sports
- Member of Physiological society of India, Calcutta

- Founder Executive member of Indian Association of Sports Science Physical Education.
- Member of National Association of Physical education and Sports Sciences
- Member Secretary National society for promotion of Veg in Sports

Reviewer/editorial Board Member of Scientific Journals:

- Editor in Chief of MR International Journal of health Sciences
- Associate Editor of Global Journal of Physical Education USA
- British Journal of Sport Science UK
- Palaestrica of the Millennium Journal Editorial Board
- Asian Journal of Exercise and Sport Science
- Sports Science and Physiotherapy Journals
- NIS Scientific Journal
- Journal of Sports Science and Medicine
- Al Ameen Medical Journal

Examiner:

- Phd Examiner of Calcutta University and Andhra University, Punjabi University, MD University Rohtak, Punjab University
- Examiner and Paper setter for MSc Sports Science of various University
- Examiner MSc Sports Physiotherapy of Guru Nanak Dev University Amritsar.
- Examiner for Sports Coaching of National Institute of Sports

WORKSHOP! SEMINAR:

- Resource personal for Refreshers course For coaches and Physical Education in Haryana, Panjab, Gujarat, Kerala, AP , Tamilnadu and Universities
- Resource personnel for Sports Medicine Workshop held at Trivandrum 13 Jul - 6 th Aug' 94.
- Resource personnel for Sports Physiatarist course for Doctors Trivandrum in 1995 and 1996.

- Resource personnel for Clinic in swimming organised by Search Foundation
- Resource personnel for Sports Medicine Conference'94 held at Mysore.
- Attended a workshop on Oxycon Champion held at Patiala by Mr. Datchmo, expert from Holland
- Attended a workshop on Athletics, Exercise Physiology/Biomechanics at Patiala conducted by Finland Expert
- Coordinated Massage Course i)for Doctors, Scientist and coaches ii) for Masseurs
- Organising Secretary Physiology Conference Organised in association with Physiological Society of India.held at Bangalore in 1991
- Organising Secretary For Indo-US clinic in exercise physiology Held at Bangalore : Aug1993
- Organising Secretary For Indo-US clinic in exercise physiology Held at Barigalore :in 1995.
- Executive Member Organising committee on International sports sciences congress held at Bangalore from 23 to 25 Jan 96.
- Attended the International Conference on Sports Sciences held at Dallas, USA. 1996 Attended a meeting of International Institute for health promotion at Mauritius.
- Attended Indian Science congress held at Hyderabad., Bangalore , Patiala ,Pune, Delhi (Delivered invited lectures on Exercise Physiology and Latest trends)
- Attended Various conferences on Sports sciences and physical education in India
- Organising Secretary of XIX Annual Conf of Physiology held at Faridabad from 6-8th Dec 2007.
- Organised Intensive Course of Exercise and Sports Physiology at Manav Rachna Educational Institutions Faridabad from 18-21st Feb 2008.
- Organising Chairman for two days International Seminar on Mobility for Disability at Manav Rachna International University From 23rd Jan to 24th Jan 2009.
- Organised one day workshop on Sports Nutrition on 19th Jan 2009 at Manav Rachna International University.

- Organised a workshop on Isokinetic training at Manav Rachna International University on 4th May 2009.
- Resource person for Workshop on Scientific support to the National Campers of 2010 CWG from 10th to 11th February 2010 at SAI NSNIS Patiala.
- Attended Pre-Commonwealth Sports Science Workshop held at Sports Authority of India, Bangalore on 18th June 2010.
- Resource Person for One day Symposium on “Recent trends in sports medicine” at Jamia Millia Islamia on 17th September 2010
- Organized Chairman 14th Commonwealth International Sports Science Congress 2010(CISSC 2010) from 27th September 2010-30th September 2010.
- Organized ISAK LEVEL-1ACCREDITATION COURSE IN ANTHROPOMETRY from 30th may to 1st June.2011.
- Organized INTERNATIONAL SEMINAR ON OBESITY AND ITS RELATION TO BODY COMPOSITION on 2nd June 2011 held at Faculty of Applied Science, Manav Rachna International University Faridabad
- Resource Person on refresher course in Physical education at Indira Gandhi Institute of Physical Education & Sports Sciences, New Delhi on 5th February 2011
- Attended the Second Annual National Conference of Physical Therapy 2011 (ANCPT AIIMS 2011) from 7th February 2011.
- Attended International Conference on Physical Education and Sports Sciences in association with NAPESS and Sag from 25th February to 27th February 2011
- .Resource Person for a Seminar on Role of Physical Education & Sports in Nation Building on 18th March 2011 at IGIPSS.
- I have organized Various National and International Conference in Sports Sciences. The biggest was Organized 14th Commonwealth International Sports Science congress 2010
- Attended the seminar on International Consultation on Healthy Workplaces, New Delhi from 16-18th March 2011 being organized by World Health Organization
- 07. Experience of organizing events such as workshops, seminars, conference at an International level within the country in the field of higher education:

Sl.	Title of workshop/seminar/conference	Month & Year	Place	Nature of experience and details of capacity with which organised
1	Physiology Conference	1991	Bangalore	
2	Indo-US clinic in exercise physiology	August 1993	Bangalore	
3	International sports sciences congress	January, 1996	Bangalore	
4	XIX Annual Conf of Physiology	2007	MRIU	
5	Intensive Course of Exercise and Sports Physiology	2008		
6	Intensive Course In Exercise and Sports Physiology	2008	MRIU	
7	International Seminar On Mobility For Disability - Therapeutic Application of Wheel Chair in Disability Supports	2009	MRIU	
8	Workshop On Isokinetic Training	2009	MRIU	
9	International Seminar On "Application Of Research Methodology In Health Sciences"	2009	MRIU	
10	International Seminar On Bone Health	2009	MRIU	
11	Global Symposium on "Stem Cell Technology"	2009	MRIU	
12	National Seminar On "Career oppurtunities in biotechnology	2009	MRIU	
13	Entrepreneurship Week "Innowave09"	2009	MRIU	
14	Nutrition & Dietetics "Workshop on Sports Nutrition"	2009	MRIU	
15	workshop on Sports Nutrition	2009	MRIU	
16	workshop on Isokinetic training	2011	MRIU	
17	14th Commonwealth International Sports Science Congress 2010	2010	MRIU	
18	ISAK Level -1 Course	2010	MRIU	
19	Worksite Health Promotion Course	2010	MRIU	
20	AFSM Anti Doping Course	2010	MRIU	
21	AFSM Taping for Musculoskeletal & Sports	2010	MRIU	
22	Manual Therapy & Taping	2010	MRIU	
23	Wheel Chair Skills	2010	MRIU	
24	AFSM Anterior Cruciate Ligament Post Surgical Rehabilitation	2010	MRIU	

25	AFSM Nutrition for Athletes	2010	MRIU	
26	NAPeSS Fitness Assessment and Exercise Prescription	2010	MRIU	
27	Sports & Physical Activity for Disabled People	2010	MRIU	
28	NAPeSS Psycho Analysis and Relaxation Technique	2010	MRIU	
29	Exploring New Horizons of Hospitality	2010	MRIU	
30	Workshop On Cardiopulmonary Rehabilitation	2010	MRIU	
31	Workshop on Nutritional Supplements	2010	MRIU	
32	International conference and exhibition on nanotechnology and solar photovoltaic 2010	2010	MRIU	
33	Global Opportunities In Hospitality	2010	MRIU	
34	Leadership Summit	2010	MRIU	
35	H R Summit	2010	MRIU	
36	14th CISSC 2010	2010		
37	Workshop on Complete solution for Spinal Disorders	2011	MRIU	
38	workshop on Research and SPSS (Statistical Package for Social Science)	2011	MRIU	
39	INTERNATIONAL SEMINAR ON OBESITY AND ITS RELATION TO BODY COMPOSITION	2011	MRIU	
40	Workshop On Isokinetic Training	2011	MRIU	
41	Workshop On Isokinetic Training	2011	MRIU	
42	Workshop on Proprioceptive Neuromuscular Facilitation (PNF) Technique	2011	MRIU	
43	FIRST INTERNATIONAL INDO JAPANESE CONCLAVE 2012 on- "Global Understanding and Promotion of Health and Sports through Pedagogical Approach	2012	MRIU	
44	One Day Seminar in Physiotherapy and Rehabilitation in collaboration with Leeds University	2012	MRIU	
45	One Day Seminar on Healthy Heart	2012	MRIU	
46	National Seminar on Aseptic Processing, Packaging and quality of Food	2012	MRIU	
47	Wellness Convention	2012	MRIU	
48	Anti-Doping Workshop	2013	MRIU	
49	One Day Seminar on Health for All	2013	MRIU	
50	PRE – NEURAXIS INTERNATIONAL WORKSHOP On "Therapeutic Applications of Electrical Stimulation & Functional Electrical Stimulation (FES)	2013	MRIU	
51	Workshop on Research Methodology	2013	MRIU	
52	Hands on workshop on - Understanding of posture & movement based on the principles of NDT	2013		
53	Anti Doping Workshop	2013	MRIU	
54	International Workshop on Physiological Basis of Training & Exercise Prescription	2014	MRIU	

Years of Experience of working on the Statutory Authorities/Forums of a university such as Board of Studies, Academic Council, Management Council or Executive Council of Board of Management, Senate etc:

Sl No.	Institution	Statutory form/authority and position	From	To	Total (in years and months)
1	Manav Rachna International University	Board of Studies - Member	2009	Till date	
2	Manav Rachna International University	Academic Council-Member	2009	Till date	
3	M.D University,Rohtak	Member BOS	2008	Till date	
4	Recruitment and Assessment Centre of Defence Research and Development Organization	External expert	2011	Till date	
5	Punjab University	Member Selection and Recruitment for Phy Education and Sports science	2012		
6	Swarnim Gujrat Sports University	Member of Selection committee for PE and SS	2013	Till date	
7	Establishment Rajasthan Sports University	Advisor to Sports Seed/E&Y Ltd setting up of Rajsthan Sports Univ on PPP model			
8	Academic Council University Sains Malaysia	Member Academic council	2002-03		
9	NIS Patiala	Academic Council member	2003	2004	
10	Technical Expert Steering Committee of Commonwealth Games Government of India	Technical Member	20008-2010		

11	Academic committee of courses Jamia Milia Islamia New Delhi	Memembr	2009	Till date	
12	Committee of Course of the Department of Physical Education and Sports Sciences- IGIPES Delhi University	Member	2007	Till date	
13	Board of Studies MD University Rohtak	Member	2009	Till date	
14	Advisor to Sportsseed consultants in setting up District level Sports School across Gujarat as the Consulting & Project Management Partners.	Advisor	2013	Till date	
15	Member Core group of sports medicine in planning commission, India. Core group on Talent Selection for sports	Expert Member (Sports Science)			
16	Member of Sports Policy Action Plan of Govt of India 2001	Member			
17	Member Secretary of Sports science Review Committee of Sports Authority of India	Meber Secretary			
18	Committee Member of Ministry of Youth Affairs and Sports for establishing National Institute of Sports Science and Medicine and setting up of Sports Sciences in the Universities 210	Member	2015		

RESEARCH PROJECTS CARRIED OUT in Master Degree

1. Khanna, G. L., Mohanta, S., Ghosh Thakur, D., Roy, S. and Biswas, S. Sen, R. N (1981) : A Report on the Ergonomic Study in Hindusthan Machine Tools Limited at Bangalore, Project Report No. 84, Erg. Lab., Dept. of Phyl., C. U., 13 Pp.

2. ., Roy, S., Ghosh Thakur, D. Khanna, G. L., Mohanta, S. and Biswas, S. (1981) Sen, R. N: A Report on the Ergonomic Study at the National Institute for Training in Industrial Engineering (NITIE), Project Report No. 83, Erg. Lab., Dept. of Phyl., C. U., 10 Pp.
3. Sen, R. N., Roy, S., Khanna, G. L., Biswas, S., Ghosh Thakur, D. and Mohanta, S. (1981) : A Study In a Water - Proof Sheets and Garment Manufacturing Factory at Calcutta, Project Report No. 82, Erg. Lab., Dept. of Phyl., C. U.10 Pp.
4. Sen, R. N., Biswas, S., Mohanta, S., Roy, S., Khanna, G. L., and Ghosh Thakur, D. (1981) : A Study Tour and a Ergonomic Study in a Heavy Engineering Factory at Calcutta, Project Report No. 81, Erg. Lab., Dept. of Phyl., C. U., 15 Pp.
5. Sen, R. N., Ghosh Thakur, D., Khanna, G. L., Biswas, S. and Roy, S. (1981) : A Report on the Ergonomic Study in an Electronic Equipment Manufacturing Factory at Calcutta, Project Report No. 80, Erg. Lab., Dept. of Phyl., C. U., 11 Pp.
6. Sen, R. N., Khanna, G. L., Ghosh Thakur, D., Roy, S., Mohanta, S. and Biswas, S. (1981) : Human Factors in a Cotton Textile Mill in Bombay, Project Report No. 79, Erg. Lab., Dept. of Phyl., C. U., 26 Pp.
7. Sen, R. N., Khanna, G. L., Ghosh Thakur, D., Mohanta, S. and Roy, S. (1981) : A Report on the Ergonomic Study at the Central Labour Institute and Industrial Design Centre, IIT, Bombay, Project Report No. 78, Erg. Lab., Dept. of Phyl., C. U., 13 Pp.
8. Sen, R. N., Khanna, G. L., Ghosh Thakur, D., Mohanta, S. and Roy, S. (1981) : A Report on the Ergonomic Study at the Indian Institute of Science and Regional Occupational Health Centre at Bangalore, Project Report No. 77, Erg. Lab., Dept. of Phyl., C. U., 10 Pp.

Books

1. G.L.Khanna & C.S.Jayprakash:"Exercise Physiology and Sports Medicine (1990)' Pb. Lucky Enterprises Publishers.
2. G.L.Khanna,S.K.Dey,M.Batra & M.Saha: "Applied Physiology Of Sports:Indian National Sports Persons.(1991) Pb. Sports Authority Of India.
3. G.L.Khanna, P.Majumdar:(Eds) Exercise physiology and its training implication. Pb

Sports Authority of India 1995.

4. G L Khanna (2007), Physiology for Therapeutic and Rehabilitation Practices, Current Approaches, Pb Narosa Publishing House New Delhi,

RESEARCH PAPERS: LIST OF PUBLICATIONS:

1. Malhotra M.S., Verma S.K., Khanna G.L., (1982), Assessment of Physical work capacity of national Indian road sports cyclists, SNIPES J., 5(3): 65-72.
2. Malhotra M.S., Ghosh A.K., Khanna G.L., (1983), Physical and physiological stresses of playing hockey on grassy and Astroturf fields, SNIPES J., 6 (2): 13-20.
3. Khanna G.L. Ghosh A.K., Sharma J.G., Malhotra M.S., (1983), Physiological status of some judoists in India, SNIPES J. 6(2): 21-27.
4. Malhotra M.S., Verma S.K., Khanna G.L. (1983), Physiological assessment of Indian national water polo players, SNIPES J., 6(4): 3-9.
5. Malhotra M.S., Verma S.K., Khanna G.L., (1984), Physiological basis of selection of competitive road cyclists. J.Sports Med. and Phy. Fit., 24(1): 49-57.
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53. Delivered Invited lecture on Physiological support to sportspersons in Sports Science Seminar Organized by Department of Sports Haryana State Held at Gurgaon on 25th Feb 2009.
54. Delivered Invited lecture on Sports Nutrition in Sports Nutrition workshop held at Lady Irwin College New Delhi held on 22nd Feb 2009.
55. Delivered Invited lecture on "Movements-The Science Way held in Annual National Conference & Workshop Physical Therapy-2011 on 6th & 7th February 2011.
56. Presentation on Physiology and Consequences of Obesity at INTERNATIONAL SEMINAR ON OBESITY AND ITS RELATION TO BODY COMPOSITION held at Faculty of Applied Science, Manav Rachna International University Faridabad on 2nd June 2011.
57. Deliver lectures on exercise physiology to batch of Physiotherapists who were undergoing the Advance Certificate course in Manual Physiotherapy on 3rd March 2012 at Jindal Hospital Hisar.
58. Khanna G.L Effect of Spirullina Supplementation on Antioxidant Status of Athletes. International Convention on Science, Education and Medicine in Sport(ICSEMIS)Glasgow,18-23rd July 2012
59. Delivered talk on "High altitude training for middle and long distance runners: Is it always beneficial: in Session 10: Hypoxia, Exercise and Performance on 12th August 2012 during 4th International Conference on Chronic Hypoxia" in Timarpur, Delhi.
60. Presented an abstract on "Childhood Obesity in India" on 20th October 2012 during International Forum of Physical Education and Sports Science (IFPESS 2012) at Panjab University, Chandigarh from 20th -22nd October 2012.
61. Delivered Key Note Address on Exercise and Sports Physiology during TRILOG 2013- International Sports Science Conference in Malaysia from 16th -23rd

November 2013.

62. Conducted lectures on Work Physiology and Ergonomics as part of Three Month Certificate course in AFIH on 6th & 7th January in MRIU.
63. Presented paper on –“Worksite Health Promotion-Challenges in India” during 2014 Incheon Asian Games International sports Science Congress in South Korea from 20-22nd August 2014.