

M. Ejaz Hussain Ph.D.

Professor and Director

Centre for Physiotherapy &

Rehabilitation Sciences

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- **Education:**

Degree	University/ Institution	Duration
Ph.D. (Neurophysiology)	School of Life Sciences, Jawaharlal Nehru University, New Delhi	1985
M. Phil. (Life sciences)	School of Life Sciences, Jawaharlal Nehru University, New Delhi	1981

- **Research interests & Specialization:**

- ❖ Sleep Neurophysiology (deprivation & Cognition) , Polysomnography
- ❖ Exercise and Diabetes - Oxygen kinetics , cardiac neuropathy & ANS dysfunction
- ❖ Exercise and Sports Physiology

- **Teaching & Research Experiences : 34 Years**

Year	Designation	Institution
2008-Present	Professor and Director	Centre for Physiotherapy and Rehabilitation sciences, Jamia Millia Islamia, New Delhi
2005-2008	Coordinator	Centre for Physiotherapy and Rehabilitation sciences, Jamia Millia Islamia, New Delhi
2005-2008	Reader	Dept. Of Bio-Sciences, Jamia Millia Islamia, New Delhi
1994-2005	Lecturer/ Sr.Lecturer (Physiology)	Dept. Of Bio-Sciences, Jamia Millia Islamia, New Delhi
1991-1994	Sr. Research Associate (CSIR)	Cardiovascular Research Unit, Department of Physiology, Vallabhbhai Patel Chest Institute, Delhi
1988-1991	Pool Scientist (CSIR)	Cardiovascular Research Unit, Department of Physiology, Vallabhbhai Patel Chest Institute, Delhi

- **Research Supervision and publications :**

Ph.D. Awarded : 25
 Ph.D. Submitted : 02
 Ph.D. Registered : 03
 M.Sc. Dissertations : 50
 Research Publications : 101

- **Postdoctoral Awards / Fellowships:**

Year	Fellowship	Institution
2004-2005	DBT Overseas Associateship	Case Western Reserve University, Molecular Cardiology, School of Medicine, Cleveland, Ohio, USA
1999-2000	Biotechnology National Associateship	National institute of immunology, Eukaryotic gene expression laboratory (Prof. Syed E. Hasnain), New Delhi
1985-87	Postdoctoral Research fellow	International research Centre (ICIPE), Nairobi, Kenya (UNDP/USAID)
1983-85	Senior Research Fellow, CSIR	School of Life Sciences, JNU
1979-83	Junior Research Fellow, UGC	School of Life Sciences, JNU

- **Administrative Experiences / additional responsibilities held:**

Year	Position	Institution/Organization
2008-Present	Professor and Director (Founder)	Centre for Physiotherapy & Rehabilitation Sciences, Jamia Millia Islamia, New Delhi
2015-Present	Hony. Director (Founder)	Deen Dayal Upadhyaya Kaushal Kendra, Jamia Millia Islamia, New Delhi
2006-2008	Coordinator (Founder)	Centre for Physiotherapy & Rehabilitation Sciences, Jamia Millia Islamia, New Delhi
2009-2010	Coordinator (Founder)	Centre for Early Childhood Development & Research (CECDR), Jamia Millia Islamia, New Delhi
2017-Present	Head	Faculty Induction & Development Cell (FIDC), Cice Chancellor's Office, Jamia Millia Islamia, New Delhi
2013-2014 (4 times)	Registrar (Officiating)	Jamia Millia Islamia, New Delhi

2017-2018 (3 times)	DSW (Officiating)	Jamia Millia Islamia, New Delhi
2001-2002	Provost (Officiating)	Jamia Millia Islamia, New Delhi
2000-2002	Senior Warden	Jamia Millia Islamia, New Delhi
2016-Present	Chairman	Establishment Committee, Jamia Millia Islamia, New Delhi
2016-Present	Chairman	Purchase committee, Ansari Health Centre, Jamia Millia Islamia, New Delhi
2015-2017	Chairman/Member	Sports Trial Committee, Jamia Millia Islamia, New Delhi
2017-Present	Chairman	DPC School teachers, Jamia Millia Islamia, New Delhi

- **Member of administrative and academic bodies**

Year	Position	Institution/Organization
2015-2018	Member, Executive Council	Jamia Millia Islamia, New Delhi
2008-Present	Member, Academic Council	Jamia Millia Islamia, New Delhi
2006-Present	Chairman, Board of Studies /CRC	Centre for Physiotherapy & Rehabilitation Sciences, Jamia Millia Islamia, New Delhi
2015-Present	Member, Board of Studies /DRC	Dept of Biosciences, Jamia Millia Islamia, New Delhi
2015-Present	Member, Board of Studies	Dept. of Electrical Engineering, Jamia Millia Islamia, New Delhi
2017-Present	Member, Board of Studies & DRC	Dept. Of Biotechnology, Jamia Millia Islamia, New Delhi
2014-Present	Member, Faculty committee	Faculty of Dentistry, Jamia Millia Islamia, New Delhi
2015-Present	Member, Institutional Human ethical committee	Jamia Millia Islamia, New Delhi
2018-Present	Member, Board of Directors, Muktaba Jamia (Jamia Press)	Jamia Millia Islamia, New Delhi
2016-Present	Chairman, Institutional Human ethical committee	Pt. Deen Dayal Upadhyay, Institute of Physically Handicap, Delhi University
2018-Present	Chairman, Institutional Human ethical committee	Sports Authority of India JLN Stadium, New Delhi

2010-Present	Member, Board of Studies	Department of Applied Sciences, Manav Rachna Int. University, Faridabad
2012-2015	Member, Board of Studies	Department of Rehabilitation, Hamdard University, New Delhi
1990-Present	Member, Professional/Academic Bodies	Life member, Association of Physiologist & Pharmacologists of India (APPI)
2016-Present	Member, Professional/Academic Bodies	Life member, Sleep Society of India
2015	Member Expert committee Sports	UGC, Infrastructure Development of Sports in colleges of Delhi University
2016	UGC observer for Appointment of Professor (CAS)	Punjabi University, Patiala
2016	Member UGC Inspection committee	To inspect Martin Luther University, Shillong
Multiple times	Expert Project evaluation committee	Central council Unani Medicine, Ministry of Health, GOI
2016	Member, Inspection team	Para Medical courses, Rohilkhand University, Bareilly
2019	Member, Inspection team	Paramedical courses, Ram Manohar Lohiya Awadh University, Faizabad

- **Involvement with formulation of academic programmes:**

Year of establishment in JMI	Nomenclature of Innovative Academic programmes formulated	Fund raised from outside
2007	Proposal for establishing a Centre for Physiotherapy & Rehabilitation Sciences in JMI to run a 4 year professional course –Bachelor in Physiotherapy (BPT)	July 2005 Approval by UGC in 2006 Allocation- 2 Crores
2010	Submitted another proposal to UGC under Innovative Programme to start MPT-Ph.D. integrated in sports Physiotherapy which was approved by UGC in 2009 with a fund of Rs.45 Lakh	2009 Allocation- 45 Lakh
2015	Establishment of DDU Kaushal Kendra : Under skill India programme prepared a proposal to establish this Kendra which was kindly approved	2015 Allocation- 3.5 Crores

	by UGC in 2015 for four skill courses namely; 1.Voc. Medical Laboratory science 2.B.Voc Medical electrophysiology 3. B.Voc. Solar energy 4. Dip. Ref & Air conditioning	
2009	Prepared proposal to establish another Centre of its kind in India “ Centre for Early Childhood Development & Research (CECDR) ” to be submitted to “SAVE THE CHILDREN”, UK for funding.I presented before the visiting team in MAY 2009 to introduce Masters,, Ph.D. and Diploma courses in ECD .Along with Jamia, TISS and DU were also in race However, we were successful in bagging this opportunity and an MOU was signed	> 20 Crores as corpus fund
2000/2001	Introduction of B.Sc.(Voc) & M.Sc. Biotechnology in JMI: I was actively involved in introducing these courses in 2000/2001 with kind support of UGC under B.Voc and M.Sc (SFS)	5 Lakh /year for 5 years + equipment grant (?)

• **Major Research Projects (Ongoing / completed)**

Year	Name of Project	Funding agency	Amount Sanctioned	Principle investigator/ Co-investigator
2018-2021	Brain waves entrainment and sleep deprivation-induced cognitive deficits	DST	Rs.48.01 Lakh	Prof. M.Ejaz Hussain
2009-2012	Therapeutics and prophylactic potential of herbal drug in protection from chronic heart failure	CCRUM (Ayush) Ministry of Health, GOI	Rs.25 Lakh	Prof. M.Ejaz Hussain & Prof. M. Fahim
2010-2013	Effect of interferential therapy and temperature manipulation on sleep parameters in human subjects	UGC	Rs.7.7 Lakh	Prof. M.Ejaz Hussain,

- **Minor Research Projects completed:**

Year	Name of project	Funding agency
1988-91	Role of Autonomic Nervous System during myocardial infarction induced by coronary artery occlusion	CSIR
1991-94	Haemodilution-induced inhibition of cardiovascular responses to some vasoactive agents in anaesthetized cats	CSIR
1998-00	Airway smooth muscles responses in virus infected Guinea Pig	UGC
1999- 00	Manipulation of Programmed Cell death in Cell Culture	DBT
2002-05	Cross talk between TNF α and IGF in neurodegeneration in animal model (Co-PI)	ICMR
2002-04	Study of cell death in <i>Candida albicans</i> : effect of some pro and anti-apoptotic agents	UGC

- **Specialized workshops / training courses attended:**

- ✓ 1991- Four weeks workshop in Neurobiology organized by TIFR and International Brain Research Organization (IBRO) , held at National Institute of Oceanography, Goa
- ✓ 1995- Three weeks orientation course in Reproductive Biology organized by National Institute of Health & Family welfare, Govt. of India, Dept. of Reproductive Medicine.
- ✓ 1995- Three weeks Workshop in molecular neurobiology and neurochemistry at Indian Institute of Chemical Biology (IICB), Calcutta for training in Neuron and Glial cell culture.
- ✓ 2002- Workshop on Curriculum Development in Higher education, organized by UGC-JMI, Academic Staff College
- ✓ 2003- WHO workshop (2 Weeks) on Molecular methods in Diagnosis and surveillance of various diseases, organized by National Institute of Communicable diseases (NICD), Delhi in December 2003.
- ✓ Attended four weeks Refresher courses in Bio Sciences in 2003 organized by Academic Staff College, Jamia Millia Islamia, New Delhi-25
- ✓ Attended four weeks Refresher courses in Biotechnology in 2004 and Bio Sciences organized by Academic Staff College, JNU.

- **Ph.D. Research Guidance:**

S.No.	Name of Scholar	Title of thesis	Status	Current Position
1.	Zahid Ashraf	Endothelial dysfunction in experimentally induced atherosclerosis in animals	Awarded 2001	Professor, Department of Biotechnology, JMI
2.	Nahid Masood	Some Studies on Excitation-Contraction Coupling in Skeletal muscles	Awarded 2001	Reader, Amity University.
3.	Mamta Singh	Innate immune mechanism in Aspergilosis in mice model	Awarded 2002	DST Young Scientist, IGIBE, Delhi
4.	Nilofar Khan	Electrophysiological determination of optimal concentration of NPK for different crop plants	Awarded 2002	Scientist "C" DIPAS, DRDO
5.	M. Mahfuzul Haque	Elucidation of mechanism of energy transduction by membrane ATPases	Awarded 2003	Professor & HOD, Department of Biotechnology, JMI
6.	Jyoti Gupta	Characterization of genomic segments altered in human meningiomas	Awarded 2003	Scientist in Canada
7.	Bibhuti Mishra	Serum Protein affected by REM sleep deprivation and its neurophysiologic correlates on sleep-wakefulness in rats	Awarded 2005	Scientist in USA
8.	Roopali Gandhi	Study of Apoptotic cell death by antibody in cell culture	Awarded 2005	Scientist in USA
9.	Sachin Puri	Characterization of the properties of an amplified region of DNA in primary Meningeal tumors	Awarded 2006	Scientist in USA
10.	Rizwan Siddiqui	Effect of experimental diabetes on membrane functions and its reversal by ant diabetic compounds	Awarded 2006	Scientist in USA
11.	Arun Pradhan	Studies on DEAD-box helicase in <i>Plasmodium falciparum</i>	Awarded 2009	Post-Doctoral Fellow NIH USA
12.	Pallavi Seth	Effect of Phenolic compound Curcumin on Neurophysiological, Biochemical and Behavioral alteration in Aluminium induced accelerated aging in Rat brain	Awarded 2010	Post-Doctoral Fellow in USA
13.	R. Achila	Manipulation of Programmed cell death in Cell culture	Awarded 2010	Working at KPO
14.	Mohd. Athar	Studies on the effect of DNA minor groove binding ligand on mitochondria structure function in irradiated Mammalian cells	Awarded 2012	Asst. Prof. Kind Khalid University, Saudi Arabia
15.	Mahesh	Evaluation of novel	Awarded	Scientist Ranbaxy

	Kumar Seth	peptidomimics as ACEIs for antihypertensive activity using animal models of hypertension	2015	Lab, Gurgaon
16.	Kapil Dev	Immunohistochemical and molecular study of Apoptotic regulators (Bcl-2, Bax) and Her-2/neu oncogene in breast cancer	Awarded 2015	Asst. Prof. Department of Biotechnology, JMI
17.	Zubia Veqar	Effect of interferential therapy & temperature on sleep parameters in Human subjects.	Awarded 2016	Asst. Prof, CPRS, JMI
18.	M. Dilshad Manzar	Electrophysiological and immunological sleep studies in human subjects.	Awarded 2016	Asst. Prof. Saudi Arabia
19.	Unnaisa A. Hameed	Exercise interventions in the management of type-2 Diabetes in Indian population	Awarded 2015	Associate Prof. , Abu Dhabi, UAE
20.	Jamal A. Moiz	Effect of addition of balance training to pulmonary Rehabilitation for patients with chronic obstructive pulmonary disease	Awarded 2018	Asst. Prof. CPRS JMI
21.	M. Majumi Noohu	Studies on the effect of Exercise interventions for prevention of Falls in community Dwelling Elderly adult fallers	Awarded 2018	Asst. Prof. CPRS, JMI
22.	Saurabh Sharma	Physiotherapy management of shoulder impingement syndrome in overhead athletes: An EMG evaluative study	Awarded 2019	Asst. Prof. CPRS JMI
23.	Shahzada A. Rashid	Studies on Medical Tibiofemoral Osteoarthritis: Effect of neuromuscular training and Quadriceps Strengthening	Submitted 2018	Sr. Physiotherapist J&K
24.	Deepika Singla	Neuromuscular adaptations to high intensity exercise in overhead athletes of different maturity level	Awarded 2019	Astt. Professor Jamia Hamdard, New Delhi
25.	Shalini verma	Aerobic training and its effect on oxygen kinetics and oxidative stress in Type 2 Diabetes Mellitus: A dose response Study	Awarded 2019	Astt. Professor Jamia Hamdard, New Delhi
26.	Irshad Ahmad	Progressive Sensorimotor Control Training on Proprioception, Neuromuscular, Balance and Gait Parameters in Patients with Diabetic Neuropathy	Registered 2014	Likely to be submitted
27.	Kamran Ali	Anaerobic training and its effect on physical, physiological and psychological parameters in soccer players	Submitted 2019	Likely to be awarded
28	Pooja Bhati	Modulation of cardiac autonomic control by resistance training in Type 2 Diabetes Mellitus	Registered 2016	Pursuing, Ph.D.

29.	Moazzam Khan	Diagnostic validity prevalence and treatment for altered midfoot Kinematics subacute and chronic lateral sprain	Registered 2017	Astt. Professor CPRS, JMI
30.	Anam Aseem	Studies on the role of aerobic exercise on sleep and cognition among older adults with insomnia	Registered 2017	Pursuing, Ph.D.

• **Supervision of Master's dissertation:**

S.No.	Name of student	Title of dissertation	Year
1.	Monika Singh	Airway smooth muscle responsiveness in virus infected Guinea pig	1996
2.	Zahid Ashraf	Responses of airway smooth muscles to different humoral agents in influenza virus infected Guinea pig	1996
3.	Satender Pandey	Germ cell transplantation in rat testes: histological and hormonal studies	1997
4.	Lubna Jamal	Endothelium mediated signalling in vascular smooth muscles	1997
5.	Ritu Singh	Effect of age on myosin heavy chain expression in skeletal muscles in rat	1998
6.	Rubeena Khan	Barreflexes and NA-K ATPase activity in rat	1998
7.	Kavita Lal	Effect of some drugs on brain waves: an electrophysiological study	1998
8.	A. Masood	Effect of some physiological stress on brain acetylcholine esterase/GABA activity in rats	1998
9.	Rizwan A. Ansari	Effect of thyroxine on myosin heavy chain expression in skeletal muscles in rat	1999
10.	Sheeba Naz	Effect of lower body negative pressure on heart rate and blood pressure in dog	1999
11.	Manoj Panchal	Long term effect of microinfusion of picrotoxin in locus ceruleus on REM sleep in rat	2000
12.	Anurag S.	Effect of PEG induced water stress on membrane potential: An electrophysiological study	2000
13.	Iram Iqbal	Programmed cell death in Candida: Role of nitric oxide	2000
14.	Mukesh Kumar	Changes in serum profile during experimental inflammation in rat	2001
15.	Ravi Rajwanshi	Computer application on phenotypic characterization of plant varieties	2001
16.	Zaved Khan	Neurophysiological studies in pain perception	2002
17.	Irfan Ahmad	Baroreflex regulation of BP and Heart rate in rat	2002
18.	Nikhat Sahar	Programmed cell death in Candida: Effect of some drugs	2002
19.	Zaid Ahsan	Cloning and expression of nuclear binding domain of ABC transporter of pathogenic yeast	2002
20.	Adazeb	Dinucleotide repeat polymorphism of endothelial-1 gene in relation to high altitude pulmonary edema and adaptation	2004
21.	Pinki Anand	A study of Ligninolytic enzymes from bacteris	2004
22.	Veenita Grover	Analysis of differential expression of proteins in Mice	2005

		hypobaric hypoxia using 2-D gel electrophoresis	
23.	Hena Usmani	Antifungal role of some herbal preparations in <i>Candida albicans</i>	2007
24.	Kamakshi Dhaliwal	Can exercise positions: Reliability of establishment of one repetition maximum for supraspinatus and related musculature	2012
25.	Yogesh Kumar	Effects of plyometric and core stability training on running performance in distance runners	2012
26.	Sadaf Tanveer	Effect of eccentric strengthening versus standard rehabilitation in athletes after ACL reconstruction	2014
27.	Zoya Khan	Effect of intermittent pneumatic compression therapy on heart rate variability in basket ball players	2014
28.	Shumaila Choudhary	Effect of physiotherapy interventions in improving functional disability, health related quality of life and sleep in patients with chronic mechanical neck	2015
29.	Raj Kumar Gupta	Effects of anti-pronation taping and foot orthoses on kinematics, kinetics, energy expenditure and electromyography of flat feet patients	2015
30.	Muhammad Nazar	Effect of high intensity intermittent training in cricket players: Anaerobic power and VO ₂ max	2015
31.	Lalita Sharma	Comparing the effect of intermittent pneumatic compression Vs neuromuscular electrical stimulation on blood lactate and anaerobic exercise performance in male collegiate basketball players	2016
32.	Majid Rahman	Comparative effects of active recovery versus intermittent pneumatic compression after submaximal aerobic exercise on collegiate soccer players: In relation with HRR and HRV	2016
33.	Neeraj Kumar Tyagi	Effect of aerobic training and music on autonomic nervous system in obese individual	2016
34.	Isha Sharma	Effectiveness of thoracic core conditioning using stretch pole in interstitial lung disease patients	2017
35.	Sidra Masroor	Combine effect of aerobic and resistance training on cardiac autonomic function and baroreflex sensitivity in hypertensive females	2017
36.	Albina Jamal	Effect of whole body vibration on pain and quality of life in patients with diabetic peripheral neuropathy: A randomized controlled trial	2017
37.	Shahana Parveen	Comparison of spatiotemporal gait parameters in elderly fallers and non fallers under different surface conditions with variable speed	2017
38.	Anam Aseem	A study on non action video game based training on cognition and sleep	2017
39.	Arjmand Fatma	Effect of exhaustive exercise on brain electrical activity in variable room temperature on collegiate subjects	2018
40.	Syed Mehreen Muneer	A comparative study of retrowalking and static stretching on hamstring flexibility and physical performance in male sprinters	2018
41.	Akshay Anand	Comparison of cardiac autonomic control in active and sedentary hyperlipidemic subjects	2018
42.	Zeba	Correlation between neuromuscular control of spine and hamstring strain reoccurrence in runners	2018

43.	Sadaf Fatima	Electromyography study of gluteus medius and gluteus maximus in subjects with and without chronic ankle instability during functional exercises	2018
44.	Tamanna	Comparative study on the effect of moderate versus high intensity interval training on cardiac autonomic function in chronic obstructive pulmonary disease patients	2018
45.	Ruchi Basista	Effect of internet overuse on cognitive functions and sleep in collegiate students: An electrophysiological study	2018
46.	Barira Ahmad	Effect of Pilates training on sleep, cognition and behavioral function in collegiate students'	2019
47.	Ashi saif	Comparison between the Effects of Sprint Interval Training and Plyometric Training on Physiological parameters and Sports Performance in Collegiate Football Players.'	2019
48.	Ruhul Ameen	Evaluation of limit of stability and postural sway using postural stability devices in older adults: A psychometric analysis'	2019
49.	Adil Ali Ansari	To be decided	2019-2020
50.	Zainab zafar	To be decided	2019-2020

• **Research Publications in Refereed Journals:**

Total	Scopus	Pub Med
102	68	61

S.No.	Authors(s)	Title of Research Paper	Journal	Volume (No) Pages	Year
1.	Kamran Ali, Anam Aseem, M. Ejaz Hussain	Anaerobic training and its effects on sleep quality, state and trait anxiety in collegiate athletes.	Sport Sciences for Health	IN PRESS Springer	2019
2.	Irshad Ahmad, Majumi M. Noohu, Shalini Verma, Muhammad Azharuddin, M. Ejaz Hussain	Validity and Responsiveness of Balance measures using Pedalo [®] -Sensomove balance device in patients with Diabetic peripheral neuropathy	Journal of Clinical and Diagnostics Research	DOI: 10.7860/JC DR/2019/40 372.0000	2019
3.	Kamran Ali, Irshad Ahmad, M. Ejaz Hussain , Deepika Singla, Shalini Verma	Comparison of complex versus contrast training on steroid hormones and sports performance in soccer players	Journal of Chiropractic Medicine	IN PRESS ELSEVIER	2019
4.	Pooja Bhati, Jamal Ali Moiz, Irshad Hussain Naqvi, M.	Diagnostic performance of resting and post exercise heart rate variability for detecting	Autonomic Neuroscience: Basic and	DOI: 10.1016/j.au toneu.2019.	2019

	Ejaz Hussain	cardiac autonomic neuropathy in type 2 diabetes mellitus	clinical	04.003	
5.	Pooja Bhati, M. Ejaz Hussain	Sleep duration is a significant predictor of cardiac autonomic neuropathy in type 2 diabetes mellitus	Primary Care Diabetes	DOI: 10.1016/j.pcd.2019.02.002	2019
6.	Deepika Sigla, M. Ejaz Hussain, M. Yakoob Sharif	Blood lactate responses to plyometric training in cricket players of different maturity level: a randomized controlled trial	Comparative Exercise Physiology	doi.org/10.3920/CEP180054Wageningen academic publishers	2019
7.	Deepika Singla, M. Ejaz Hussain	Variations in cricket players' upper body dynamic balance across levels of competition	International Journal of Adolescent Medicine and Health	IN PRESS Europe PMC	2019
8.	Shahzada Adil Rashid, Jamal Ali Moiz, Sourabh Sharma, Shahid Raza, Mudasir Rashid, M. Ejaz Hussain	Comparisons of Neuromuscular Training Versus Quadriceps Training on Gait and WOMAC Index in Patients With Knee Osteoarthritis and Varus Malalignment	Journal of Chiropractic Medicine	DOI: 10.1016/j.jcm.2018.07.003 ELSEVIER	2019
9.	Bushra Ansari, Pooja Bhati, Deepika Singla, Nabeela Nazish, M. Ejaz Hussain	Lumbar Muscle Activation Pattern during Forward and Backward Walking in Subjects with and without Chronic Low Back Pain: An Electromyographic Study	Journal of Chiropractic Medicine	DOI: 10.1016/j.jcm.2018.03.008 ELSEVIER	2018
10.	Pooja Bhati, Deepika Singla, M. Ejaz Hussain	Resistance training and modulation of cardiac autonomic control in animal models: A systematic review	Comparative Exercise Physiology	https://doi.org/10.3920/CEP180033Wageningen academic publishers	2018
11.	Pooja Bhati, Jamal Ali Moiz, Geetha R. Menon, M. Ejaz Hussain	Modulation of cardiac autonomic control by resistance training in human participants	Clinical Autonomic Research	DOI: 10.1007/s10286-018-0574-3 SPRINGER	2018
12.	S Verma, JA Moiz, S Anwer, AH Alghadir, ME Hussain	A dose-response study of aerobic training for oxygen uptake, oxidative stress and cardiac autonomic function in type 2 diabetes mellitus: Study protocol for a randomized controlled trial.	Trials BMC	19 (1), 289 BioMed Central	2018
13.	D Singla, ME Hussain, P Bhati	Correlation Between Upper Body Balance, Muscle Strength, and Power in Cricketers Belonging to Different Age Groups	Journal of Chiropractic Medicine	https://doi.org/jcm.2018.03.002 ELSEVIER	2018
14.	D Singla, ME	Reliability of Electromyographic	Journal of	https://doi.org	2018

	Hussain, P Bhati, JA Moiz, I Ahmad, S Verma, K Ali	Assessment of Biceps Brachii and Triceps Brachii in Cricketers	Chiropractic Medicine	g/10.1016/j.jcm.2018.04.001 ELSEVIER	
15.	P Bhati, JA Moiz, GR Menon, ME Hussain	Does resistance training modulate cardiac autonomic control? A systematic review and meta-analysis	Clinical Autonomic Research,	1-29 SPRINGER	2018
16.	S SHARMA, ME HUSSAIN , A JAIN, JALI MOIZ	Diagnostic Accuracy and Reliability of Sonographic Evaluation in Overhead Athletes with Shoulder Impingement Syndrome.	Journal of Clinical & Diagnostic Research	12 (8) JCDR Prepublishing	2018
17.	Z Veqar, ME Hussain	Psychometric analysis of Epworth Sleepiness Scale and its correlation with Pittsburgh sleep quality index in poor sleepers among Indian university students	International journal of adolescent medicine and health	2018 Jul 26. Europe PMC	2018
18.	S Verma, P Bhati, I Ahmad, S Masroor, K Ali, D Singla, ME Hussain	Co-Existence of hypertension worsens post-exercise cardiac autonomic recovery in type 2 diabetes	Indian Heart Journal	doi.org/10.1016/j.ihj.2018.06.007 ELSEVIER	2018
19.	D Singla, ME Hussain	Association between handgrip strength and back strength in adolescent and adult cricket players	International journal of adolescent medicine and health	doi: 10.1515/ijamh-2017-0177. De Gruyter	2018
20.	A Siddiqi, A Parveen, N Dhyani, ME Hussain, M Fahim	Effects of Coriandrum Sativum Extract and Simvastatin in Isopreterenol Induced Heart Failure in Rats	Serbian J of Exp and Clinical Research	19 (2), 119-129 SJECDR	2018
21.	S Masroor, P Bhati, S Verma, M Khan, ME Hussain	<ul style="list-style-type: none"> Heart Rate Variability following Combined Aerobic and Resistance Training in Sedentary Hypertensive Women: A Randomised Control Trial 	Indian Heart Journal	doi.org/10.1016/j.ihj.2018.03.005 ELSEVIER	2018
22.	S Sharma, ME Hussain	Psychometric Properties of Hindi Version of SPADI Scale in Overhead Athletes With Shoulder Impingement Syndrome	International Journal of Athletic Therapy and Training	1-20 Human Kinetics Journals	2018
23.	A Prajapat, I Ahmad, Z Khan, K Ali, ME Hussain	Cardiac Autonomic Profile of Soccer, Field Hockey and Basketball Players: A Comparative Study	Asian Journal of Sports Medicine	doi: 10.5812/asjms.62492.	2018
24.	D Singla, ME Hussain, JA Moiz	Effect of upper body plyometric training on physical performance in healthy individuals: A systematic review	Physical Therapy in Sport	doi:10.1016/j.ptsp.2017.11.005 ELSEVIER	2017
25.	M Dhyani, D	Effect of Rocker Soled Shoe	Journal of	JCDR 11	2017

	Singla, I Ahmad, ME Hussain, K Ali, S Verma	Design on Walking Economy in Females with Pes Planus	clinical and diagnostic research	(9), YC01PubMed Central	
26.	P Bhati, S Shenoy, ME Hussain	Exercise training and cardiac autonomic function in type 2 diabetes mellitus: a systematic review	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	doi: 10.1016/j.dsx.2017. ELSEVIER	2017
27.	S Zaidi, S Verma, JA Moiz, ME Hussain	Transcultural adaptation and validation of Hindi version of Quebec Back Pain Disability Scale	Disability and rehabilitation	1-8 Taylor and Francis Group	2017
28	D Singla, Z Veqar, ME Hussain	Photogrammetric Assessment of Upper Body Posture Using Postural Angles: A Literature Review	Journal of chiropractic medicine	16 (2), 131-138 ELSEVIER	2017
29.	MM Noohu, AB Dey, S Sharma, ME Hussain	International classification of function, disability and health framework for fall risk stratification in community dwelling older adults	Geriatric Care	3 (1) Page Press	2017
30.	L Sharma, ME Hussain, S Verma	Effect of recovery modalities on blood lactate clearance	Saudi Journal of Sports Medicine	17 (2), 65 Medknow, Wolters Kluwer Health,	2017
31.	Z Veqar, ME Hussain	Validity and reliability of insomnia severity index and its correlation with pittsburgh sleep quality index in poor sleepers among Indian university students	International journal of adolescent medicine and health	https://doi.org/10.1515/ijamh-2016-0090 . De Gruyter	2017
32.	Moiz JA, Bansal V, Noohu MM, Gaur SN, Hussain ME, Anwer S, Alghadir A	Activities-specific balance confidence scale for predicting future falls in Indian older adults	Clinical interventions in aging	12, 645 Dove Press	2017
33.	S Verma, ME Hussain	Obesity and diabetes: an update	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	11 (1), 73-79 Elsevier	2017
34.	Manzar MD, Zannat W, Hussain ME, Pandi-Perumal SR, Bahammam AS, Barakat D, Ojike NI, Olaiish A, Spence DW	Dimensionality of the Pittsburgh Sleep Quality Index in the young collegiate adults	Springerplus	5 (1), 1550 Springer Plus	2016
35.	MD Manzar, W Zannat, JA Moiz, DW Spence, SR	Factor scoring models of the Pittsburgh Sleep Quality Index: a comparative confirmatory factor	Biological Rhythm Research	47 (6), 851-864 Taylor &	2016

	Pandi-Perumal	analysis		Francis	
36.	Manzar MD, Rajput MM, Zannat W, Hameed UA, Al-Jarrah MD, Spence DW, Pandi-Perumal SR, BaHammam AS, Hussain ME	Association between sleep quality and inflammatory complement components in collegiate males	Sleep and Breathing	20 (2), 867-872 Springer	2016
37.	M. Ejaz Hussain, Abu Hasnath M. Golam Sarwar, Mohd. Shoeb Alam, Majumi M. Noohu, Wassilatul Zannat, Seithikurippu R. Pandi-Perumal, Ahmed S. Bahammam, Md. Dilshad Manzar	Polysomnographic correlates of inflammatory complement components in young healthy males	Sleep Science	9 (2), 123-127 Elsevier	2016
38.	Md Dilshad Manzar , Mohammad Muntafa Rajput , Wassilatul Zannat, Seithikurippu R. Pandi-Perumal, Ahmed S. BaHammam, M. Ejaz Hussain	Spontaneous K-Complex Density in Slow-Wave Sleep	PloS one	11 (3), e0150929 PLOS	2016
39.	MM Noohu, JA Moiz, AB Dey, ME Hussain	A Balance Device Reliability for Reaction time and Proprioception Measurement in Older Adults	Indian Journal of Gerontology	30 (3), 396-403 IJG	2016
40.	MK Seth, ME Hussain, S Pasha, M Fahim	Effects of a novel ACE inhibitor, 3-(3-thienyl)-l-alanyl-ornithyl-proline, on endothelial vasodilation and hepatotoxicity in l-NAME-induced hypertensive rats	Drug design, development and therapy	10, 1533 Dove Medical Press	2016
41.	JA Moiz, V Bansal, MM Noohu, SN Gaur, ME Hussain	Cross-cultural adaptation and psychometric analysis of the hindi-translated activities-specific balance confidence Scale	Middle East Journal of Rehabilitation and Health	3 (1) Dove Press	2016
42.	MD Manzar, W Zannat, M Kaur, ME Hussain	Sleep in university students across years of university education and gender influences	International journal of adolescent medicine and health	27 (3), 341-348 De Gruyter	2015
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44.	MD Manzar, W Zannat, ME Hussain	Sleep and physiological systems: a functional perspective	Biological rhythm research	46 (2), 195-206 Taylor & Francis	2015
45.	MM Noohu, AB Dey, ME Hussain	Relevance of balance measurement tools and balance training for fall prevention in older adults	Journal of Clinical Gerontology and Geriatrics	5 (2), 31-35 Elsevier	2014
46.	MD Manzar, ME Hussain	Lack of awareness and apathy to sleep health issues	Indian Journal of Science Communication	13, 7-10 Indian Science Communication Society.	2014
47.	Z Veqar, JA Moiz, ME Hussain	Psychometric analysis of the Pittsburgh insomnia rating scale among university population of poor sleepers in India	North American journal of medical sciences	6 (4), 161 Wolters Kluwer	2014
48.	F Khaliq, A Parveen, S Singh, R Gondal, ME Hussain, M Fahim	Improvement in Myocardial Function by <i>Terminalia arjuna</i> in Streptozotocin-Induced Diabetic Rats: Possible Mechanisms	Journal of cardiovascular pharmacology and therapeutics	18 (5), 481-489 SAGE Publishers	2013
49.	JA Moiz, DM Shama, ME Hussain	Acute Hemodynamic Response to Acapella in Phase 1 Cardiac Rehabilitation Following Coronary Artery Bypass Graft Surgery	Physiotherapy and Occupational Therapy Journal	6 (2), 65 Red Flower Publications	2013
50.	S Chaudhary, MK Seth, ID Vats, K Kumar, P Biswas, J Karar, ME Hussain	Sulfur-Containing Angiotensin-Converting Enzyme Inhibitor 3-Thienylalanine-Ornithyl-Proline Activates Endothelial Function and Expression of Genes Involved in Renin-Angiotensin system	Journal of cardiovascular pharmacology	61 (4), 311-317 Wolters Kluwer Health, Inc.	2013
51.	D Manzar, UA Hameed, M Sethi, ME Hussain	Heart rate variability in delayed sleep phase syndrome	Indian Journal of Applied Basic Medical Sciences	15 (21), 32-36 Basic medical sciences Forum	2013
52.	Farah K, Parveen A, Sigh S, Hussain	<i>Terminalia arjuna</i> improves cardiovascular autonomic	Cardiovasc Toxicol.	Mar;13(1):68-76.	2013

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53.	Unaise,AH, Rangra R, Shareef MY, Hussain ME	Reliability of 1-Repetition Maximum Estimation for Upper and Lower Body Muscular Strength Measurement in Untrained Middle Aged Type 2 Diabetic Patients	Asian Jour. Sports Medicine	3(4): 267–273. Kowsarmedical	2012
54.	Zubia ,V and Hussain,M,Ejaz	Sleep quality Improvement and exercise : a review	Intl. Jour. Scie. & res. Pub.	Vol.2,Issue - 8(Aug) IJSRP	2012
55.	UA Hameed, D Manzar, S Raza, MY Shareef, ME Hussain	Resistance training leads to clinically meaningful improvements in control of glycemia and muscular strength in untrained middle-aged patients with type 2 diabetes mellitus	North American journal of medical	sciences 4 (8), 336	2012
56.	MD Manzar, M Sethi, ME Hussain	Humidity and sleep: a review on thermal aspect	Biological Rhythm Research	43 (4), 439-457 Taylor & Francis Online	2012
57.	MD Manzar, ME Hussain	Sleep-immune system interaction: advantages and challenges of human sleep loss model	Frontiers in neurology	3, 2 Frontiers Media S.A.	2012
58.	M Athar, NK Chaudhury, ME Hussain, R Varshney	Hoechst 33342 induced reactive oxygen species and impaired expression of cytochrome c oxidase subunit 1 leading to cell death in irradiated human cancer cells	Molecular and cellular biochemistry	352 (1-2), 281-292 Springer	2011
59.	K Kumar, S Kumar, RK Kurupati, MK Seth, A Mohan, ME Hussain	Intracellular cAMP assay and Eu-GTP- γ S binding studies of chimeric opioid peptide Yfa	European journal of pharmacology	650 (1), 28-33 Elsevier	2011
60.	D Manzar, ME Hussain	Leptin rhythmicity and its relationship with other rhythm markers	Biological Rhythm Research	42 (2), 163-180 Taylor & Francis Online	2011
61.	M Manzar, U Hameed, M Hussain	Total sleep deprivation study in delayed sleep-phase syndrome	Indian journal of medical sciences	65 (4), 168 Medknow Publications	2011
62.	M Athar, NK Chaudhury, ME Hussain, R Varshney	Hoechst 33342 induced reactive oxygen species and impaired expression of cytochrome c oxidase subunit 1 leading to cell death in irradiated human cancer cells	Molecular and cellular biochemistry	352 (1-2), 281-292 Springer	2010
63.	AK Yadav, E	Neuroprotective Effects Of	Journal Of	115, 54-54	2010

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69.	MM Haque, N Manzoor, M Amin, ME Hussain, LA Khan	Glucose Regulation of Pre-steady State Kinetics of ATP Hydrolysis by Na, K-ATPase	Acta biochimica et biophysica Sinica	39 (8), 583-590	2007
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71.	Joshi, R, Sharma, GS, Kumar, V, Hashmi, AA, Kumar, S, Ahila, R and Ejaz Hussain,	Synthesis, spectral and Biological studies of organotin (iv) complexes of heteroscorpionate.	Applied Organometallic Chemistry	20:740-746 27 Wiley	2006
72.	Siddiqui, MR, Moorthy, K Taha, A, Hussain, M Ejaz and Baquer, NZ	Low doses of Vanadate and Trigonella synergistically regulate Na ⁺ /K ⁺ - ATPase activity and GLUT4 translocation in Alloxan-diabetic Rats.	Molecular and Cellular Biochemistry (Springer)	285:1-2, 17-27 Springer	2006
73.	Siddiqui MR, Moorthy K, taha A, Hussain, ME and Baquer NZ	Long-term effect of <i>Trigonella foenum graecum</i> and its combination with sodium orthovanadate in preventing histopathological and biochemical abnormalities in	Molecular and cellular Biochemistry	289:1-2, 137-147 Springer	2006

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74.	Gandhi R, Hussain E, Das J, Handa R, Pal R.	Anti-idiotype-mediated epitope spreading and diminished phagocytosis by a human monoclonal antibody recognizing late-stage apoptotic cells.	Cell Death and Differentiation	1–12 Nature Publishing Group	2006
75.	Ashraf MZ, Hussain ME, Fahim M.	Antiatherosclerotic effect of dietary supplementation of garlic and turmeric: Restoration of endothelial function in rats	Life Science	77: 837-857 Elsevier	2005
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78.	Haque MM, Manzoor N, Khan LA and Ejaz M Hussain	Effect of nitric Oxide on proton efflux by <i>Candida albicans</i> ”,	Indian Journal of Exp. Biol.	42:86-90 Nisclair	2004
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89.	Ejaz M Hussain, M. Singh and M. Fahim	“Inhibition of arterial baroreceptors reflexes during coronary artery occlusion”,	Japanese Journal of Physiol.,	42,741-52. J- Stage	1993
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94.	EjazM Hussain, B.N. Gupta and M. Fahim	“Reflex regulation of BP and HR during coronary artery occlusion”,	Indian Journal of Physiol. & Pharmacol.,	33, 3-4.	1989
95.	Ejaz M Hussain and S.M. Waladde	“Responses of M.testulalis taste sensilla to host extracts”,	Annual Report, ICIPE,	42-43.	1987
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97.	MI Hussain, A Kumar, RC Shrivastava	Synthesis of N-(2-naphthyl oxyacetyl)-thiosemicarbazide and 2-aryl-amino-5-(2-naphthyloxy methyl)-1, 3, 4-thiadiazoles oxadiazoles as oral hypoglycemic agent	Current Sci,	644-646	1986
98.	Ejaz M Hussain and M. Amin	“Electroretinogram (ERG) studies on the Compound eyes “,	Nat.l Acad. Sc Letters,	8, 189-190	1985
99.	Ejaz M Hussain and M. Amin	“ERG responses of <i>L.migratoria</i> ”,	Current science	53,653-655.	1984
101.	Ejaz M Hussain and M. Amin	“Visual mechanism in compound eyes: An electrophysiological study.”	Indian Journal of Entomol.	45, 447-50	1983
102.	Shamkuwar, Ejaz M Hussain and M. Amin	“Effect of some salts of Heavy metals on behavioral responses of <i>Musca domestica</i> .	Indian Journal Entomol.	45,440-44.	1983

- **Research papers under communication in refereed journals:**

S.No.	Authors(s)	Title of Research Paper	Journal	Volume (No) Pages
1.	Pooja Bhati, Deepika Singla, Sarfaraz Masood, M. Ejaz Hussain	Type 2 Diabetes Mellitus Patients Manifest Greater Muscle Fatigability than Healthy Individuals during Dynamic Fatigue Protocol	Journal of Electromyography and Kinesiology ELSEVIER	Under review
2.	Pooja Bhati, Jamal Ali Moiz, Irshad Hussain Naqvi, M. Ejaz Hussain	Diagnostic performance of resting and post-exercise heart rate variability for detecting cardiac autonomic neuropathy in patients with type 2 diabetes mellitus	Autonomic Neuroscience: Basic and Clinical ELSEVIER	Under revision
3.	Sadaf Fatima, Pooja Bhati, Deepika Singla, Shumaila Choudhary, M. Ejaz Hussain	Electromyographic analysis of hip musculature during functional exercises in subjects with and without chronic ankle instability	Journal of Chiropractic Medicine ELSEVIER	Under review
4.	Akshay Anand, Pooja Bhati, Aqsa Mujadaddi, Shalini Verma, M. Ejaz Hussain	Physical activity levels predict cardiac autonomic dysfunction in dyslipidemia	Comparative Exercise Physiology Wageningen Academic Publishers	Under review
5.	Irshad Ahmad, M. Ejaz Hussain	Sensorimotor training improves proprioception and neuro-muscular function in patients with diabetic peripheral neuropathy: A	Canadian Journal of Diabetes ELSEVIER	Under revision

		Randomized control trial		
6.	Irshad Ahmad, M. Ejaz Hussain	Effect of sensorimotor training on balance measures and proprioception among middle and older age adults with diabetic peripheral neuropathy	Gait and Posture ELSEVIER	Under revision
7.	Shalini Verma, M.Y. Shareef, Pooja Bhati, Irshad Ahmad, Rizwan Alam, M. Ejaz Hussain	A dose-response analysis of the effects of aerobic training on cardiac autonomic control and oxidative stress in type 2 diabetes: A randomised controlled trial	PLoS One	Under review
8.	Deepika Singla, M. Ejaz Hussain	Adaptations of the upper body to plyometric training in cricket players of different age groups	Journal of Sports Rehabilitation HUMAN KINETICS	Under revision

• **Conferences/Workshop/Symposia:**

Authors(s)	Title of paper	Conference theme	Venue	Year
M. Ejaz Hussain	Invited talk on : Ethics and plagiarism in research	Research methodology in the field of disability, rehabilitation and special education	National Institute for Persons with Physical Disabilities	2019
M. Ejaz Hussain	Invited talk on : Biological clock and exercise	International ymposium on biological rhythms n conjunction with iennial meeting of Indian society for chronobiology	Chaudhary Charan Singh University, Meerut, India	2019
M. Ejaz Hussain	Invited talk on : Role of biomarkers in rehabilitation research	Annual conference: Society of Indian Physiotherapists	Indian Habitat Centre, New Delhi, India	2019
Pooja Bhati, M. Ejaz Hussain	Patterns of cardiac autonomic recovery after a resistance exercise bout in middle-aged versus older adults with type 2 diabetes: A pilot investigation	4 th International Congress on Gerontology and Geriatric Medicine Asia Pacific Geriatric Medicine Conference 2018	All India Institute of Medical Sciences, New Delhi, India	2018
Pooja Bhati, Jamal Ali Moiz, M. Ejaz Hussain	Leisure physical activity in past is significant predictor of cardiac autonomic neuropathy in type 2 diabetes mellitus	International Diabetes Federation: Diabetes Complications Congress 2018	Hyderabad, India	2018
Ejaz Hussain	Delivered an invited talk “ sleep science and its multidisciplinary application in Rehabilitation“	Faculty of Sports Medicine and Physiotherapy	Guru Nanak Dev University, Amritsar	2018

Verma, S., & Hussain, M. E	Oxygen Kinetics, Oxidative Stress, And Cardiac Autonomic Function in Type 2 Diabetes Mellitus: Is Nitric Oxide the Connecting Link?	11 th Diabetologists conference and Drug Summit	New York, USA.	23-24 th May 2018
Pooja Bhati, Jamal Ali Moiz, Prathiban Rengaraja, M. Ejaz Hussain	Diagnostic Accuracy of Resting and Post Exercise Heart Rate Variability for Diagnosing Cardiac Autonomic Neuropathy in Type 2 Diabetes Mellitus: A Pilot Study	6 th International Conference of Physical Therapy	All India Institute of Medical Sciences, New Delhi, India	2017
Verma, S., & Hussain, M. E	Effect of Hypertension on Post-Exercise Cardiac Autonomic Recovery in Type 2 Diabetes	<i>Global Cardio Diabetes Conclave</i>	Feathers Hotel Chennai	29 th , 30 th September, and 1 st October 2017.
Aseem, Hina Kauser, Mohammed Ejaz Hussain	Non-action video game training improves sleep quality and cognitive functions in collegiate students	International Conference of Sleep Medicine and Research	Goa, India	Sept. 21-23, 2017
Aseem, Hina Kauser, Mohammed Ejaz Hussain	Cognitive retraining ameliorates sleep deprivation induced behavioral deficits in university students	International Conference of Sleep Medicine and Research	Goa, India	Sept. 21-23, 2017
Aseem, Hina Kauser, Mohammed Ejaz Hussain	Sleep quality and its relationship with mood in adolescents	Fipsphysiocon	DRDO, New Delhi	
Aseem, Hina Kauser, Mohammed Ejaz	Electrophysiological correlates of cognition with video game training in sleep disturbed individuals	World Neurocongress	Aligarh Muslim University, India.	
Aseem, Hina Kauser, Mohammed Ejaz	Neuropsychological Tests and Event Related Potential: A Correlation Analysis	APRC School on Cognitive Neuroscience	Indian Institute of Science (IISc), Bengaluru, India	
Pooja Bhati, Shweta Shenoy, M. Ejaz Hussain	Exercise training and cardiac autonomic modulation in type 2 diabetes mellitus: A review	Indo-Japanese Conclave-III, Manav Rachna International University	Faridabad, Haryana, India	2017
Kamran Ali, M Ejaz Hussain	The Effect of Lower Limb Complex	9th International Conference of the	V. P. Chest Institute,	9th-11th Feb

	Training on Serum Free Testosterone Level and Vertical Jump Test in Indian Football Players: A Pilot Study	Academy of Cardiovascular Sciences	University of Delhi	2017
Verma, S., & Hussain, M. E	Oxygen Uptake Kinetics and Exercise in Type 2 Diabetes Mellitus (T2DM)	9th International Conference of the Academy of Cardiovascular Sciences	V. P. Chest Institute, University of Delhi	9th-11th February 2017
Kamran Ali, M Ejaz Hussain	Comparison of Complex Vs Contrast Training on Leg Power and Testosterone Levels in Indian Football Players: A Pilot Study	National Conference on Sports Injuries and Rehabilitation	IHFACON, New Delhi	2017
Jamal Ali Moiz, Vishal Bansal, S.N. Gaur, Ejaz Hussain	Test-retest reliability and responsiveness of lower limb muscle strength using hand held dynamometry in chronic obstructive pulmonary disease patients	Int. Conf. on Recent Advan. In Cardiovascular Research: Impact on Health and Disease	Vallabhbhai Patel Chest Inst., Delhi Univ	2017
Ejaz Hussain	Delivered an Invited talk on “ Compromised Oxygen Uptake Kinetics in Type 2 Diabetes Mellitus.”	FIPSPHYSIOCON,	DRDO, New Delhi	2017
Ejaz Hussain	Chaired Session	National Conference on Recent Trends in Molecular Virology	CIRBSc, JMI	2015
Ejaz Hussain	Invited lecture on Biochemical basis of Exercise and Exercise prescription	19 th refresher course in Life Sciences	JNU, New Delhi	2014
Ejaz Hussain	Invited talk on Exercise prescription in Diabetes	International Workshop on Physiological basis of Training & Exercise prescription	Manav Rachna International University, Faridabad	2014
Ejaz Hussain	Invited talk on Neurobiology of Aging	NEURAXIX	AIIMS & IAMR	2013
Ejaz Hussain	Invited talk on Sleep and Aging	11 th international conference on physical therapy	AIIMS	2013
Ejaz Hussain	Volatility in Indian Stock Market-an application of GARCH model	6 th International Conference on Innovative Ways of Managing Business in Post Globalised Era	Bharati Vidyapeeth University, New Delhi	2013

Ejaz Hussain	A Comparative Study Between The Effects of Specific Balance and General Balance Programme on Balance Performance in Institutionalized Frail Elderly	International Congress on Gerontology and Geriatric Medicine	AIIMS & UCMS New Delhi	2012
Ejaz Hussain	Chronic Pelvic Pain Syndrome (Cpps)- Physiotherapy Management Review	International conference of physical therapy	AIIMS, New Delhi	2011
Ejaz Hussain	National seminar on cardiothoracic and pulmonary rehabilitation	National seminar on cardiothoracic and pulmonary rehabilitation	JMI, New Delhi	2011
Ejaz Hussain	Road to reforms- rethinking curriculum	Organized by Education Times	Hotel Le Meridien	2009
M. Athar, N K Chaudhury, M.E.Hussain and Varshney	HOECHST 33342 Enhances Ros In Gamma Irradiated Head And Neck Carcinoma (Kb Cells)	7 th Annual Meeting Of The Society Of Free Radical Research-India	Rajasthan University, Jaipur.	2008
M. Ejaz Hussain	Prevalence of Alzheimer in India :	An overview Presented at International Conference on Alzheimer	organized by Alzheimer Australia at Perth Convention Centre, Perth, Australia	2008
R.Achila,Khan, LA and M. Ejaz Hussain	Nitric oxide-mediated cell death in Candida albicans associated with an apoptotic Phenotype Poster Paper presented at National conference,	Physiological Society of India	FIT, Faridabad	2007
Hussain, M.E. and Fisher, SA	Apoptotic remodeling of OFT myocardium during Cardiac morphogenesis :	Role of Transcription factor, HIF1a Developmental Biology Retreat	Case Western Reserve University, Cleveland, OH, USA	2004
Gandhi R, Handa R, Hussain E, Pal R	Autoantibody probes linking cell death and autoimmunity.	Oral presentation at the 12th International Congress of Immunology	Montreal, Canada	2004
Gandhi R, Das J, Handa R, Hussain E,	Pal R.Reactivity and consequences of cell-surface recognition germline-encoded polyreactive antibodies.	Tenth International Conference on Human Antibodies and Hybridomas,	Osaka, Japan,	2003

Ejaz Hussain	Study of cell death by Human Monoclonal Autoantibody Probes"	International Symposium : Building the Brain	National Brain Research Centre,Gurgaon,India,	2003
Ejaz Hussain	"Programmed cell death-induced by Nitric Oxide and its genetic manipulation by p35 gene."	11th Annual conference, Physiological Society	VallabhBhai Patel chest university delhi india	1999
Ejaz Hussain	"Endothelium-mediated vasorelaxant response: Effect of some herbal drugs."	International Congress of Pharmacology	New Delhi.	1999
Ejaz Hussain	"Mechanism of atherosclerosis: Role of Endothelium and Nitric oxide.	<i>Iranian Physiological Society</i>	, Tehran	1999
Ejaz Hussain	"Endothelium mediated effect of herbal drugs."	National Symposium on hyperlipidaemia and atherosclerosis	AIIMS, New Delhi India	1998
Ejaz Hussain	"Responses of Airway Smooth muscles in influenza virus infected Rabbit."	International Symposium on peripheral mechanism of Nervous system,	Christian Medical College, Vellore.	1998
Ejaz Hussain	"Effect of coronary occlusion on left ventricular function in dogs"	39th Annual Conference of The Association of Physiologists and Pharmacologists of India	Medical College, Trivandrum	1993
Ejaz Hussain	"Effect of Phenylephrine and Sodium nitroprusside during coronary occlusion	Annual Conference of The Association of Physiologists and pharmacologists of India	Jawaharlal Nehru University, New Delhi	1993
Ejaz Hussain	Sodium nitroprusside during coronary occlusion."	The Association of Physiologists and Pharmacologists of India	New Delhi	
Ejaz Hussain	"Reflex regulation of BP and HR during coronary artery occlusion."	Annual Conference of APPI,	Aligarh Muslim University.	1989
Ejaz Hussain	"Responses of taste sensilla of M. testulallis to host components."	ICIPE 17th Annual Research Conference	Nairobi	1986
Ejaz Hussain	"Studies on the taste receptors of M testulallis."	The International Conference on Tropical Entoml	Nairobi	1986
Ejaz Hussain	"Comparative ERG responses "	National Seminar on recent trends in Entoml Research	Calcutta University,	1983

